

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083303.D
 Acq On : 14 Aug 2024 16:04
 Operator : JC\MD
 Sample : P3390-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 00:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	154359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122778	55.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.760%			
35) Dibromofluoromethane	8.171	113	89309	52.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.565	98	316756	50.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.847	95	115349	46.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1305	0.746	ug/l	75
3) Chloromethane	2.365	50	1517	0.846	ug/l #	52
4) Vinyl Chloride	2.512	62	1335	0.730	ug/l	99
5) Bromomethane	2.965	94	1241	1.094	ug/l	98
6) Chloroethane	3.112	64	1070m	0.935	ug/l	
7) Trichlorofluoromethane	3.489	101	2273	0.752	ug/l	98
8) Diethyl Ether	3.965	74	670	0.596	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	1225	0.736	ug/l #	66
10) Methyl Iodide	4.594	142	1053	0.481	ug/l #	72
11) Tert butyl alcohol	5.524	59	1680	3.679	ug/l #	71
12) 1,1-Dichloroethene	4.341	96	1128	0.659	ug/l	93
13) Acrolein	4.177	56	758m	2.547	ug/l	
14) Allyl chloride	5.030	41	1835	0.567	ug/l	97
15) Acrylonitrile	5.730	53	2972	3.165	ug/l	98
16) Acetone	4.447	43	3399	3.954	ug/l #	85
17) Carbon Disulfide	4.718	76	3820	0.763	ug/l #	75
18) Methyl Acetate	5.036	43	2142	0.836	ug/l #	69
19) Methyl tert-butyl Ether	5.788	73	4159m	0.673	ug/l	
20) Methylene Chloride	5.271	84	2263	1.144	ug/l #	68
21) trans-1,2-Dichloroethene	5.788	96	1520	0.859	ug/l #	65
22) Diisopropyl ether	6.683	45	4053	0.667	ug/l #	95
23) Vinyl Acetate	6.606	43	19651	3.154	ug/l	99
24) 1,1-Dichloroethane	6.571	63	2468	0.745	ug/l #	83
25) 2-Butanone	7.488	43	4891	3.705	ug/l	93
26) 2,2-Dichloropropane	7.488	77	2169	0.705	ug/l #	69
27) cis-1,2-Dichloroethene	7.488	96	1681	0.788	ug/l	89
28) Bromochloromethane	7.812	49	1135	0.838	ug/l #	99
29) Tetrahydrofuran	7.853	42	3244	3.801	ug/l	95
30) Chloroform	7.971	83	2570	0.747	ug/l	95
31) Cyclohexane	8.224	56	6239	1.916	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	2173	0.667	ug/l #	53
36) 1,1-Dichloropropene	8.371	75	1816	0.710	ug/l #	75
37) Ethyl Acetate	7.565	43	1821	0.636	ug/l #	72
38) Carbon Tetrachloride	8.365	117	1983	0.689	ug/l #	88
39) Methylcyclohexane	9.600	83	1837	0.585	ug/l #	82
40) Benzene	8.606	78	5093	0.669	ug/l #	89

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 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	1101	0.676	ug/l #	50
42) 1,2-Dichloroethane	8.671	62	2197	0.792	ug/l	85
43) Isopropyl Acetate	8.694	43	5616m	0.856	ug/l	
44) Trichloroethene	9.353	130	1191	0.657	ug/l	68
45) 1,2-Dichloropropane	9.618	63	1221	0.675	ug/l	97
46) Dibromomethane	9.712	93	777	0.600	ug/l	97
47) Bromodichloromethane	9.888	83	1811	0.623	ug/l #	71
48) Methyl methacrylate	9.688	41	1434	0.606	ug/l #	85
49) 1,4-Dioxane	9.700	88	493	11.546	ug/l #	65
51) 4-Methyl-2-Pentanone	10.447	43	8761	3.236	ug/l	90
52) Toluene	10.635	92	3479	0.723	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	1755	0.588	ug/l #	75
54) cis-1,3-Dichloropropene	10.318	75	1770	0.558	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	1125	0.652	ug/l #	78
56) Ethyl methacrylate	10.876	69	2058	0.633	ug/l	89
57) 1,3-Dichloropropane	11.165	76	2534	0.824	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	4268	3.106	ug/l	97
59) 2-Hexanone	11.200	43	6645	3.173	ug/l	97
60) Dibromochloromethane	11.365	129	1422	0.682	ug/l	92
61) 1,2-Dibromoethane	11.465	107	1171	0.646	ug/l	98
64) Tetrachloroethene	11.100	164	1243	0.806	ug/l #	68
65) Chlorobenzene	11.894	112	3530	0.686	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	1305	0.719	ug/l #	56
67) Ethyl Benzene	11.965	91	6204	0.657	ug/l #	88
68) m/p-Xylenes	12.070	106	4684	1.324	ug/l	97
69) o-Xylene	12.400	106	2061	0.591	ug/l	98
70) Styrene	12.417	104	3716	0.634	ug/l	94
71) Bromoform	12.576	173	811	0.590	ug/l #	89
73) Isopropylbenzene	12.694	105	5424	0.652	ug/l	95
74) N-amyl acetate	12.494	43	2249	0.553	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	1630	0.693	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	1674m	0.767	ug/l	
77) Bromobenzene	12.982	156	1410	0.763	ug/l	92
78) n-propylbenzene	13.035	91	6502	0.679	ug/l	98
79) 2-Chlorotoluene	13.123	91	4275	0.704	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	4416	0.634	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.741	75	478m	0.477	ug/l	
82) 4-Chlorotoluene	13.223	91	4276	0.702	ug/l	96
83) tert-Butylbenzene	13.441	119	4242	0.688	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	4388	0.625	ug/l	95
85) sec-Butylbenzene	13.617	105	5509	0.655	ug/l	95
86) p-Isopropyltoluene	13.729	119	4358	0.627	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	2374	0.683	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	2713m	0.774	ug/l	
89) n-Butylbenzene	14.059	91	3307	0.549	ug/l	95
90) Hexachloroethane	14.335	117	683	0.509	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	2360	0.702	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.717	75	298	0.522	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	958	0.508	ug/l	73
94) Hexachlorobutadiene	15.505	225	365	0.436	ug/l	94
95) Naphthalene	15.647	128	4042	0.606	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.852	180	1005	0.539	ug/l	87

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 00:52:38 2024
Response via : Initial Calibration

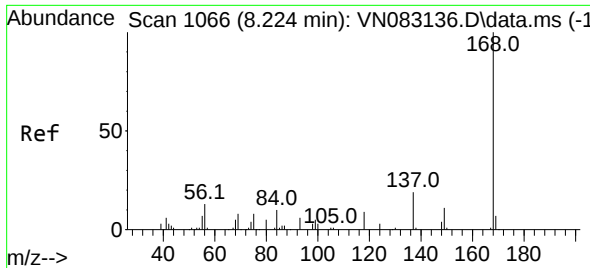
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

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APPROVED

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Supervised By :Semsettin Yesilyurt 08/15/2024

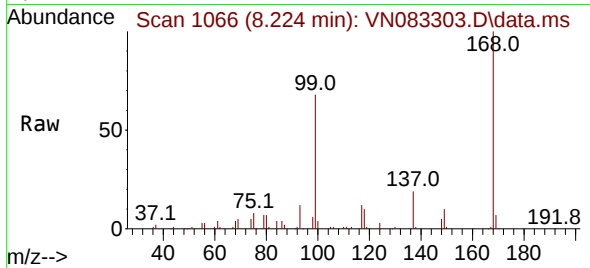
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

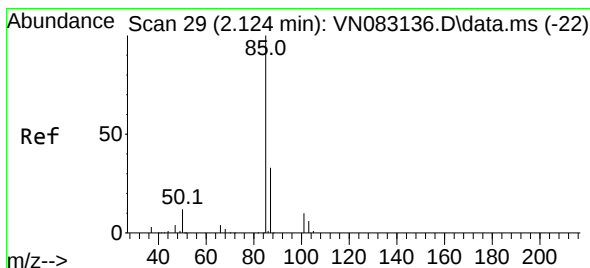
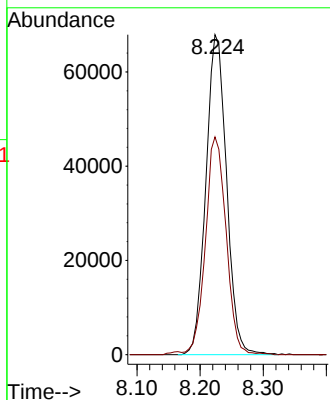
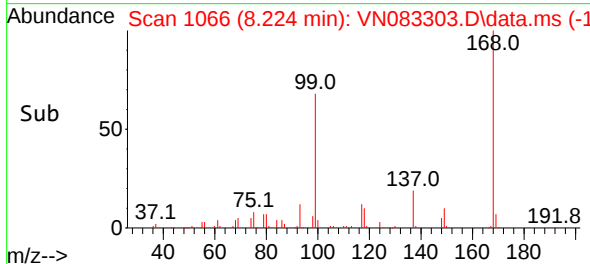
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 154359
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4

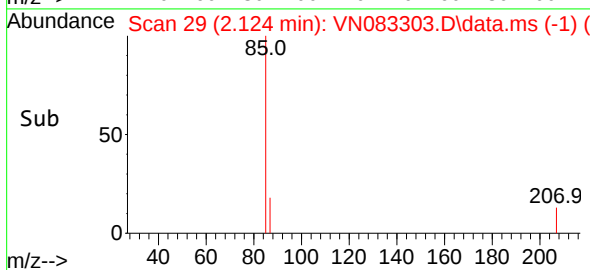
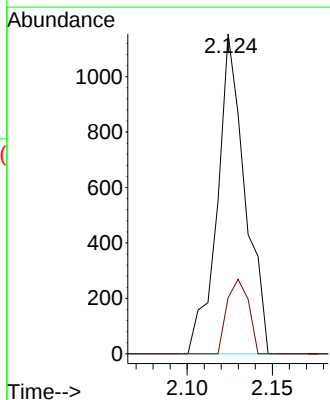
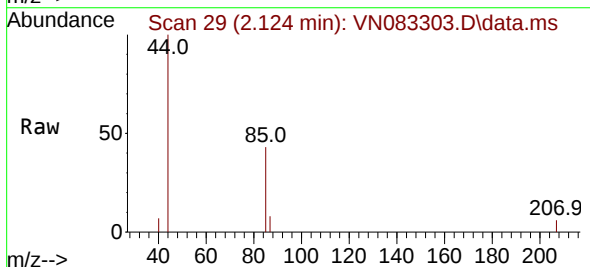
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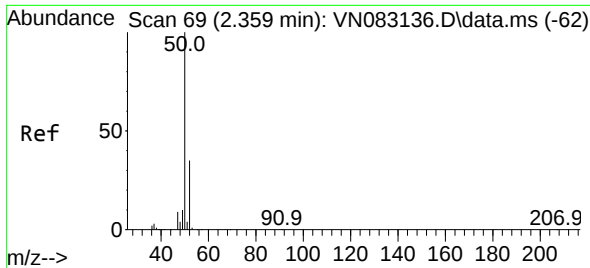
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#2
Dichlorodifluoromethane
Concen: 0.746 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

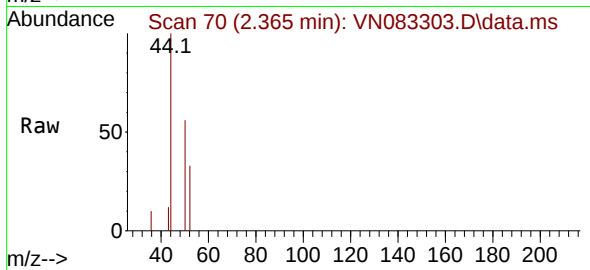
Tgt Ion: 85 Resp: 1305
Ion Ratio Lower Upper
85 100
87 17.6 15.7 47.0





#3
Chloromethane
Concen: 0.846 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

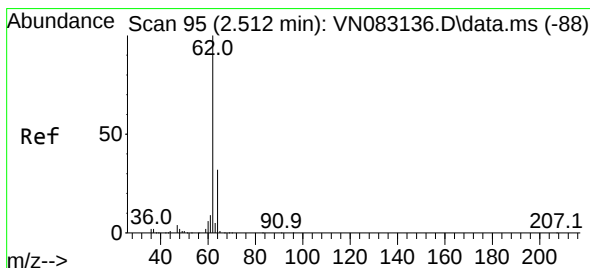
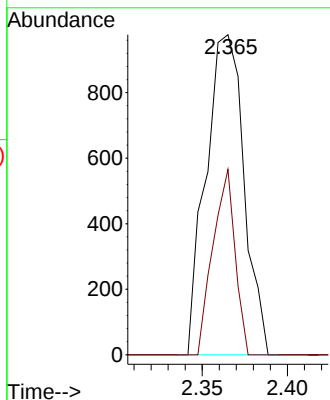
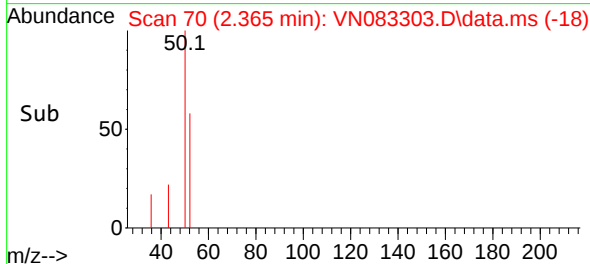
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 57.9 25.0 37.4

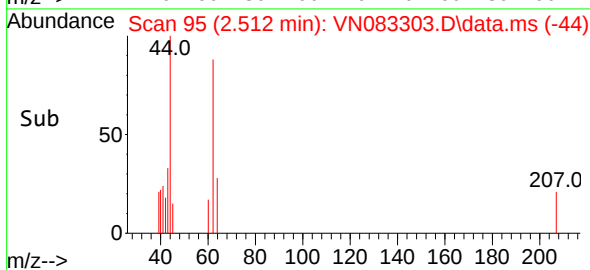
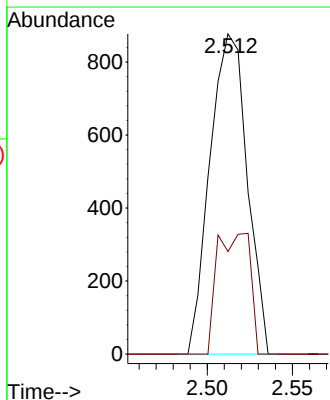
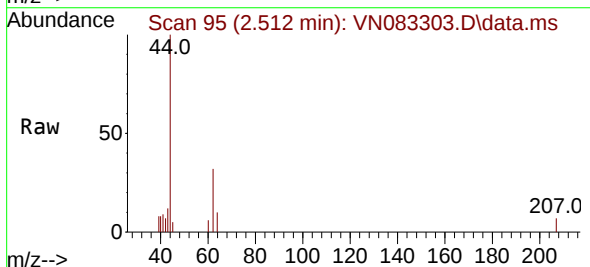
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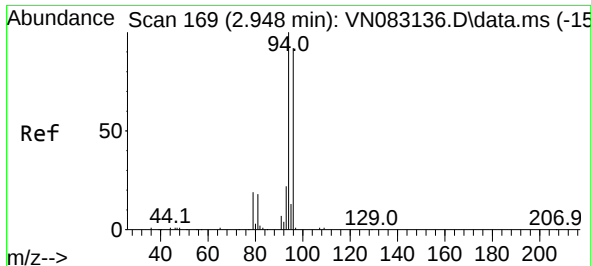
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#4
Vinyl Chloride
Concen: 0.730 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

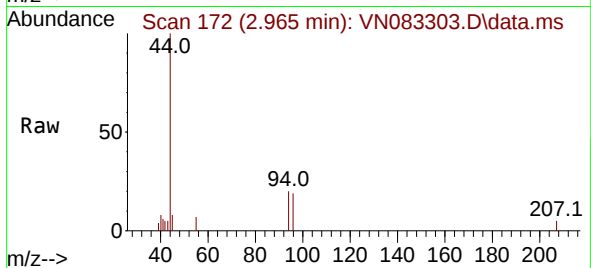
Tgt Ion: 62 Resp: 1335
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





#5
Bromomethane
Concen: 1.094 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

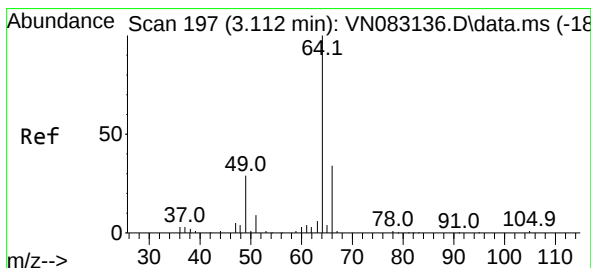
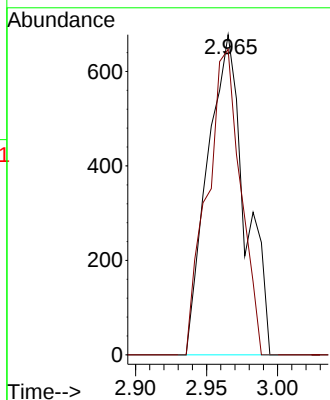
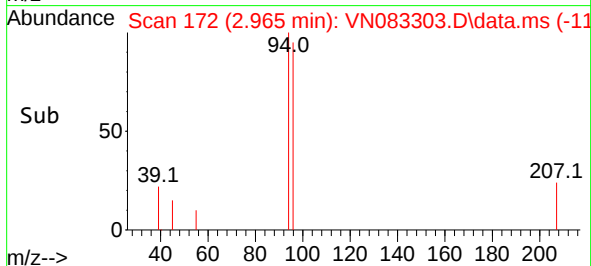
Instrument :
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Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 95.4 78.0 117.0

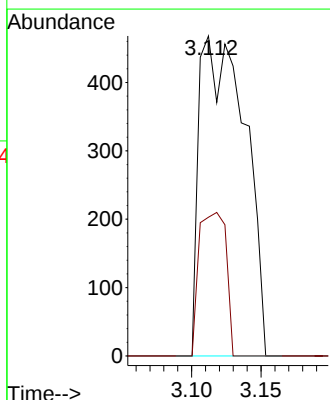
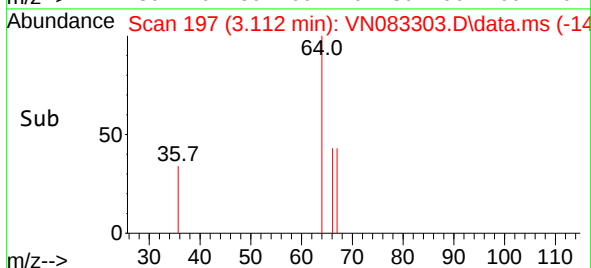
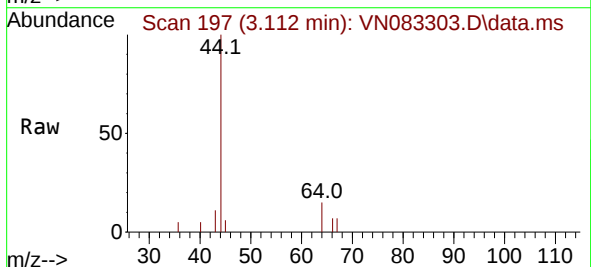
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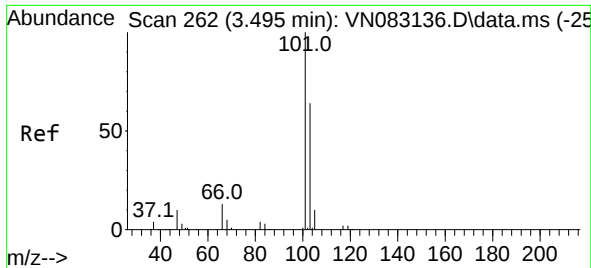
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#6
Chloroethane
Concen: 0.935 ug/l m
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN083303.D
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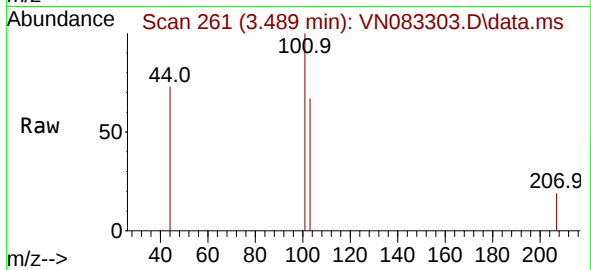
Tgt Ion: 64 Resp: 1070
Ion Ratio Lower Upper
64 100
66 43.4 26.6 40.0#





#7
Trichlorofluoromethane
Concen: 0.752 ug/l
RT: 3.489 min Scan# 207
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

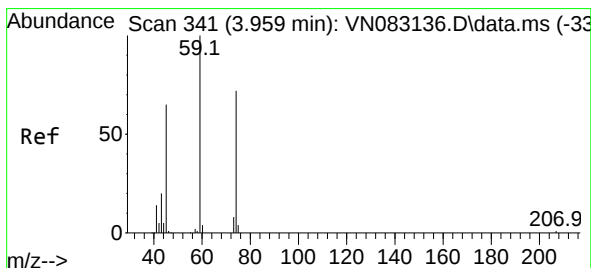
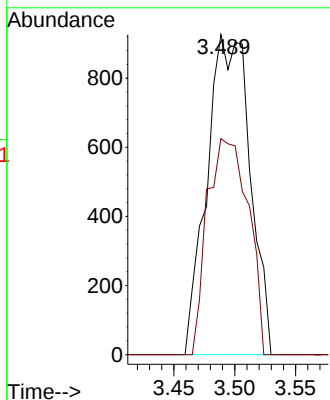
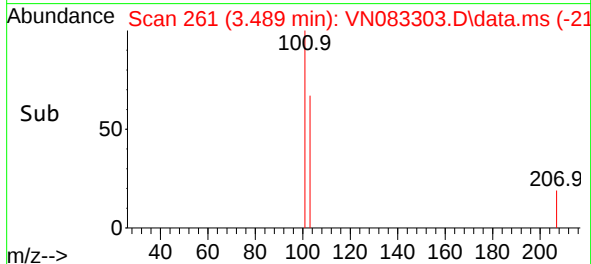
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:101 Resp: 227
Ion Ratio Lower Upper
101 100
103 67.5 52.7 79.1

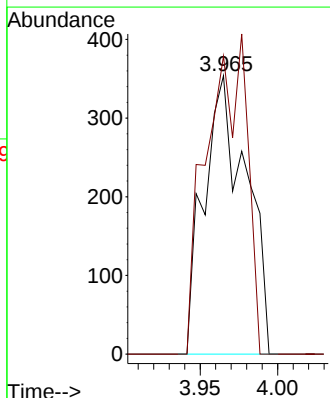
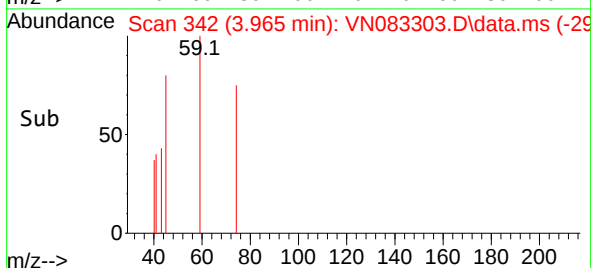
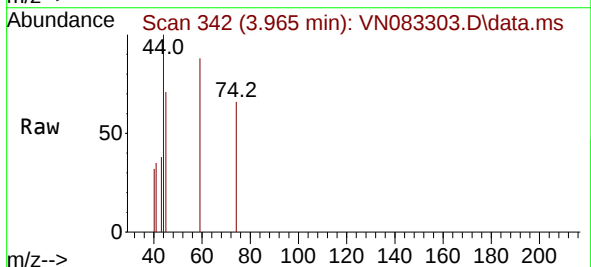
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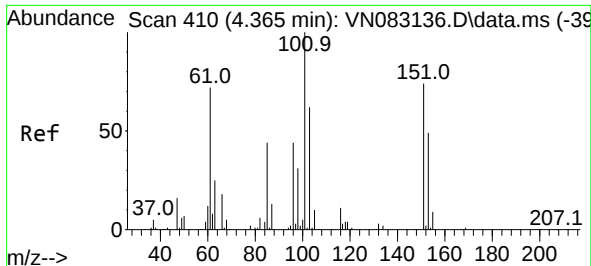
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#8
Diethyl Ether
Concen: 0.596 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion: 74 Resp: 670
Ion Ratio Lower Upper
74 100
45 108.4 55.5 166.3





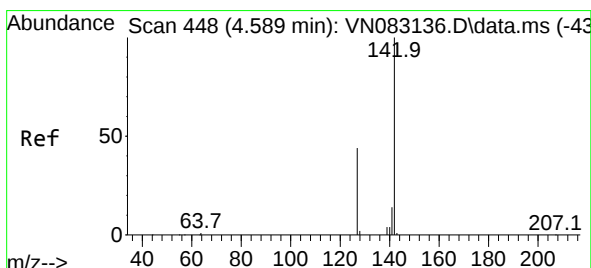
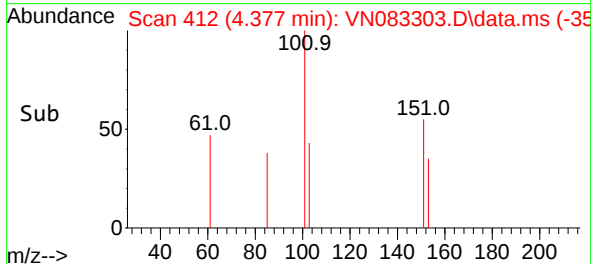
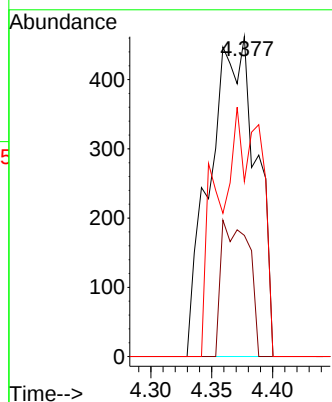
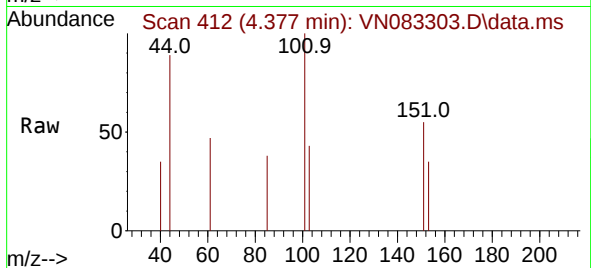
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.736 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:101 Resp: 122
Ion Ratio Lower Upper
101 100
85 25.1 38.3 57.5
151 45.8 59.3 88.9

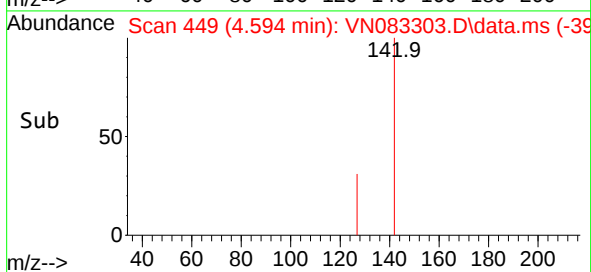
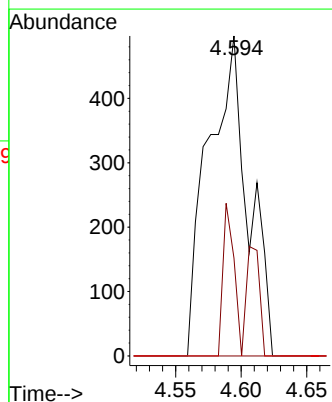
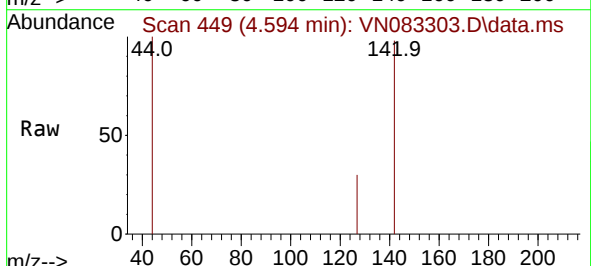
Manual Integrations
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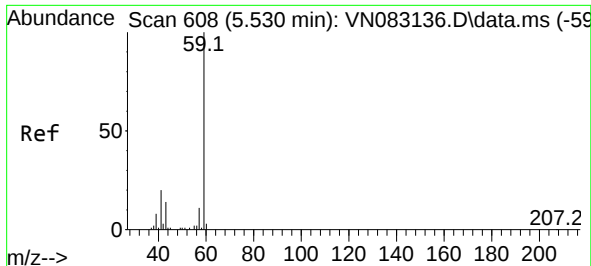
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#10
Methyl Iodide
Concen: 0.481 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion:142 Resp: 1053
Ion Ratio Lower Upper
142 100
127 30.6 37.5 56.3#
141 0.0 13.1 19.7#





#11

Tert butyl alcohol

Concen: 3.679 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN083303.D

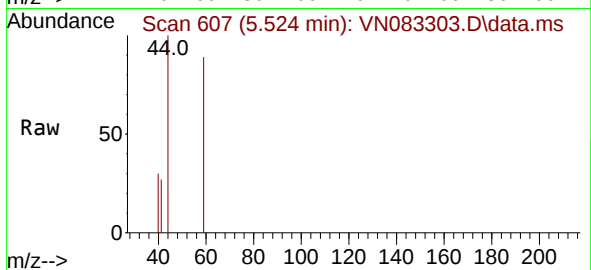
Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 59 Resp: 1680

Ion Ratio Lower Upper

59 100

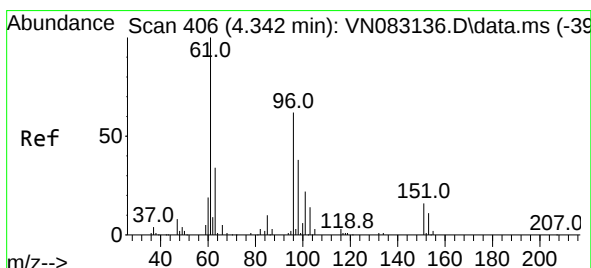
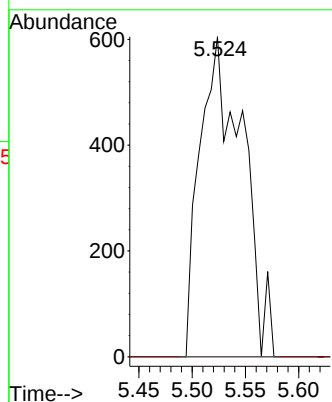
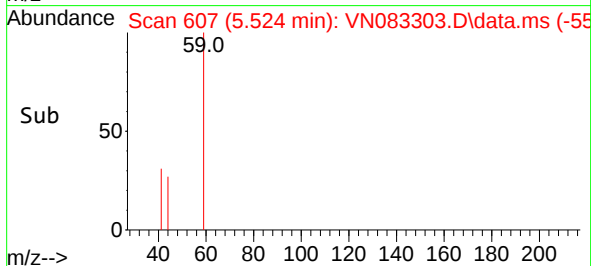
57 0.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#12

1,1-Dichloroethene

Concen: 0.659 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

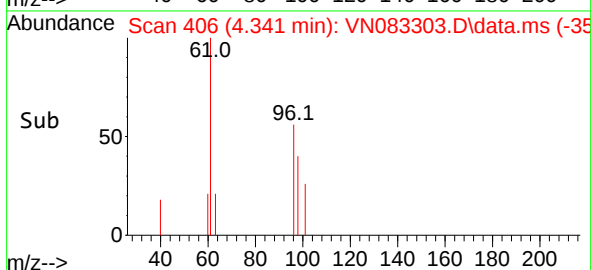
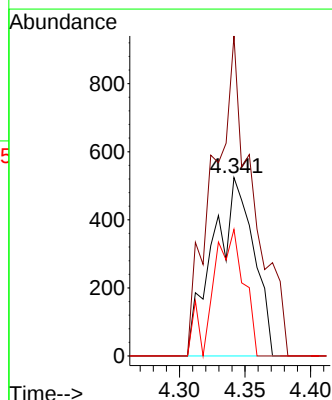
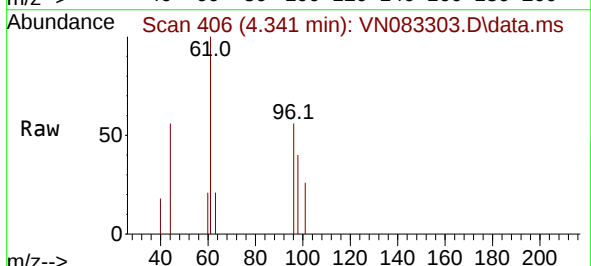
Tgt Ion: 96 Resp: 1128

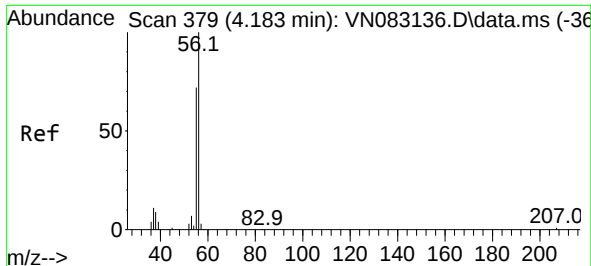
Ion Ratio Lower Upper

96 100

61 179.4 149.7 224.5

98 71.0 50.1 75.1





#13

Acrolein

Concen: 2.547 ug/l m

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 56 Resp: 758

Ion Ratio Lower Upper

56 100

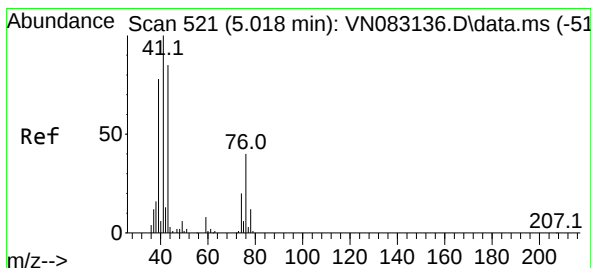
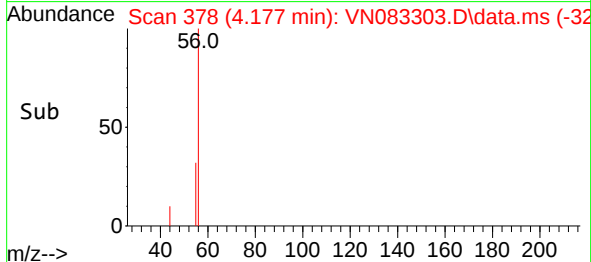
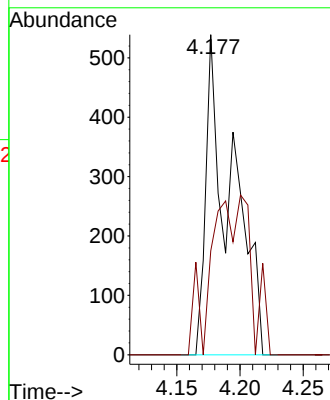
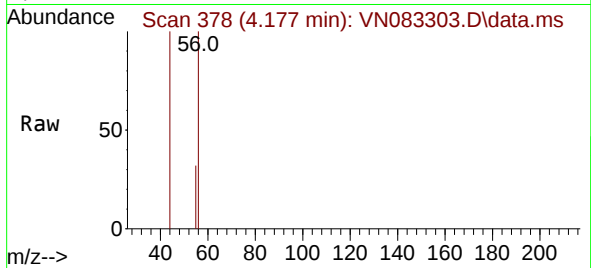
55 0.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#14

Allyl chloride

Concen: 0.567 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

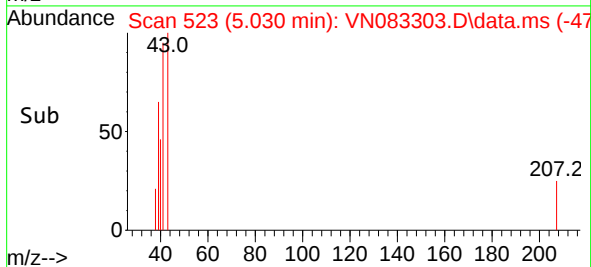
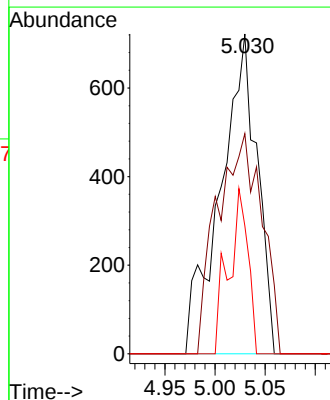
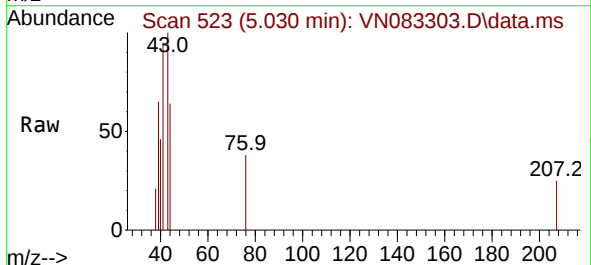
Tgt Ion: 41 Resp: 1835

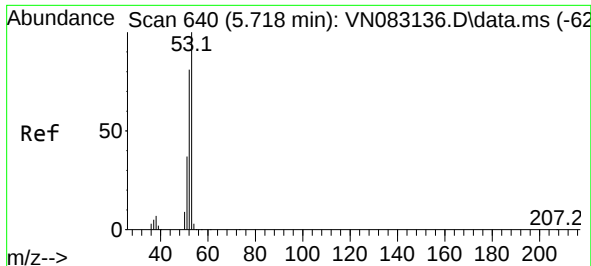
Ion Ratio Lower Upper

41 100

39 84.0 67.8 101.6

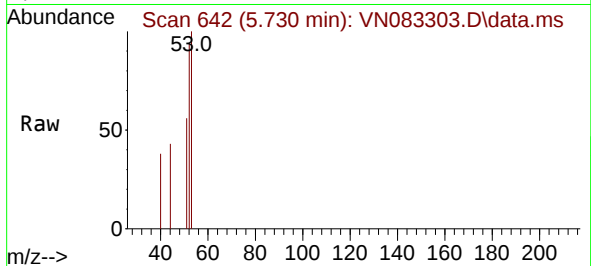
76 27.2 25.8 38.8





#15
Acrylonitrile
Concen: 3.165 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

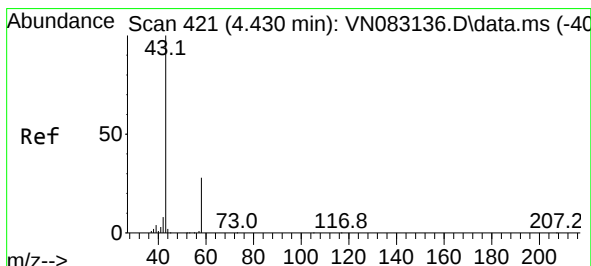
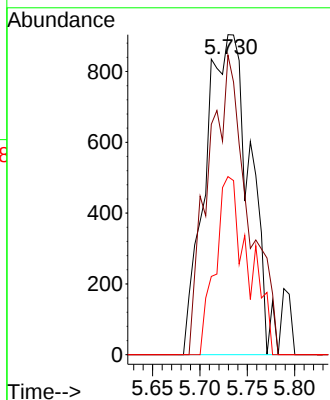
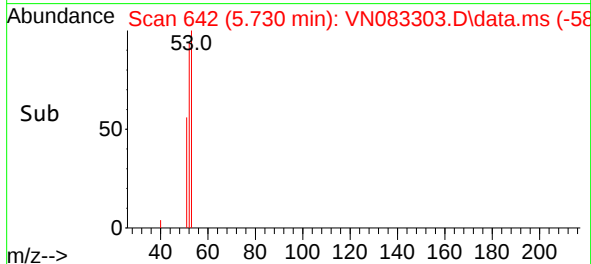
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 53 Resp: 2972
Ion Ratio Lower Upper
53 100
52 83.6 66.6 100.0
51 41.2 30.1 45.1

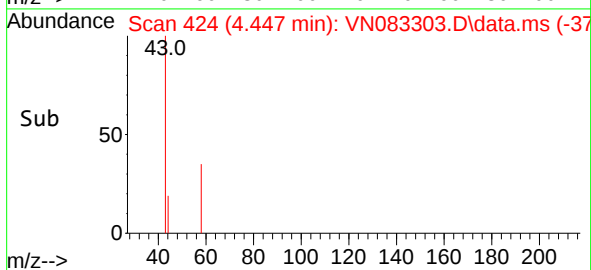
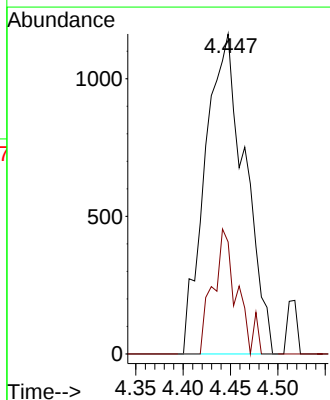
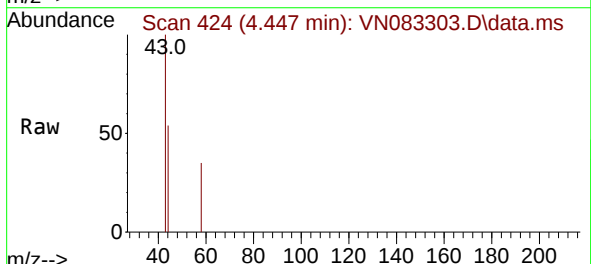
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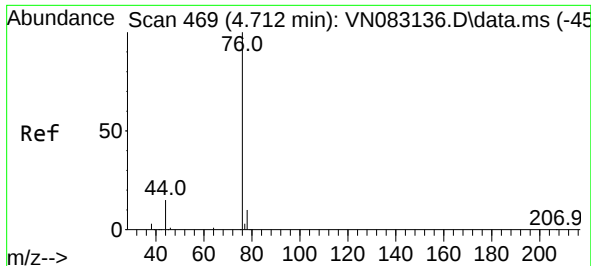
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#16
Acetone
Concen: 3.954 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

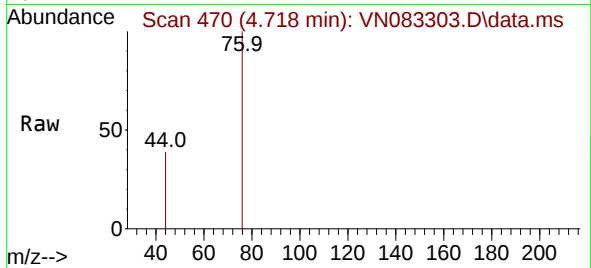
Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
58 35.0 21.8 32.6#





#17
Carbon Disulfide
Concen: 0.763 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

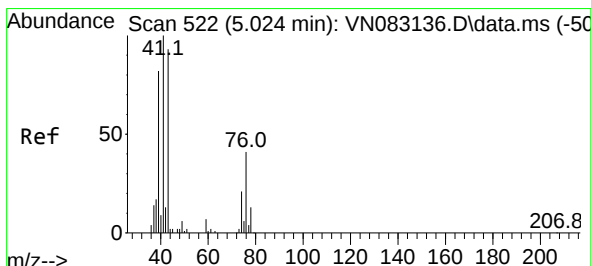
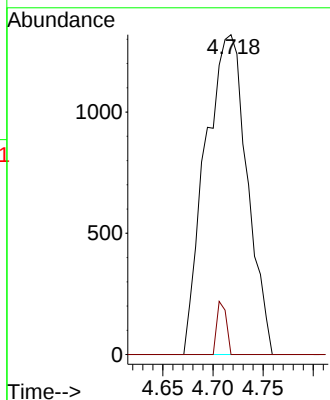
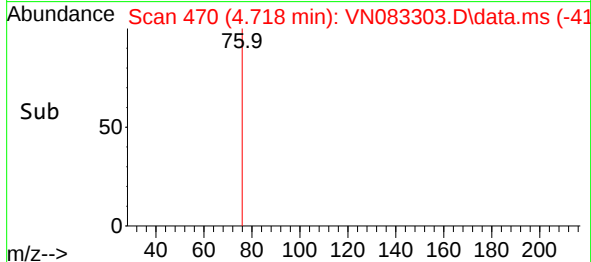
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



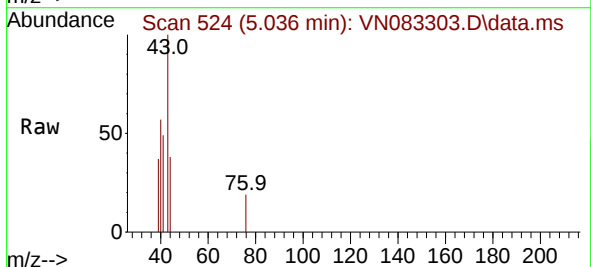
Tgt Ion: 76 Resp: 3820
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8

Manual Integrations
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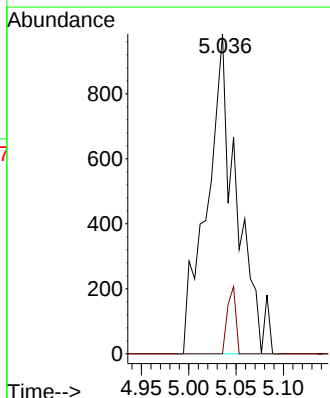
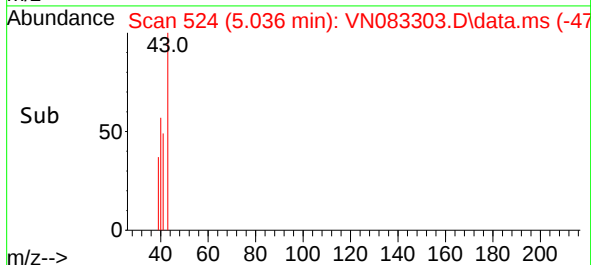
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

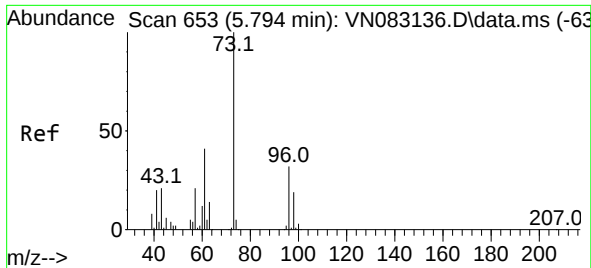


#18
Methyl Acetate
Concen: 0.836 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



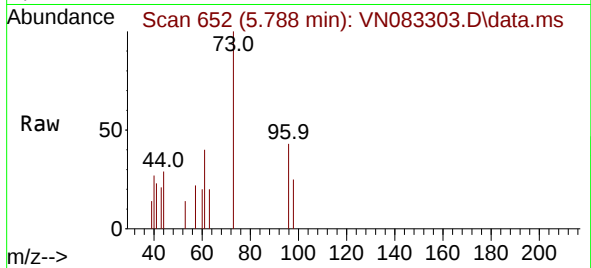
Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
74 5.9 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 0.673 ug/l m
RT: 5.788 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

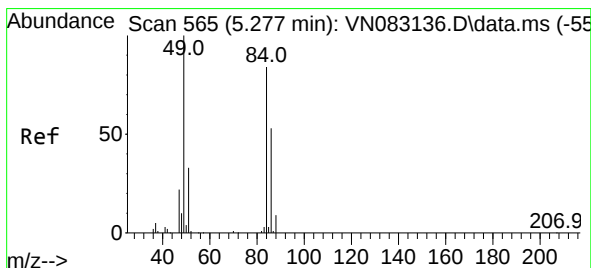
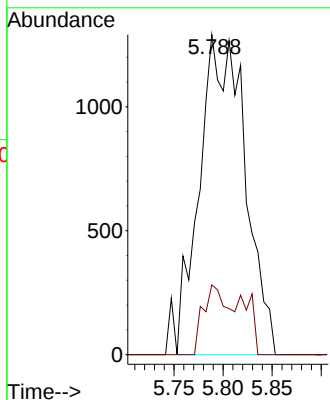
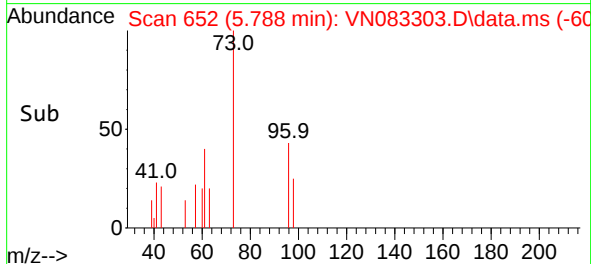
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 73 Resp: 415
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

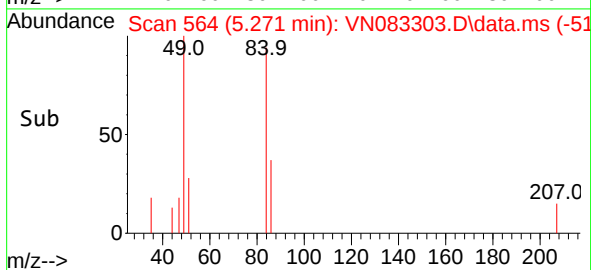
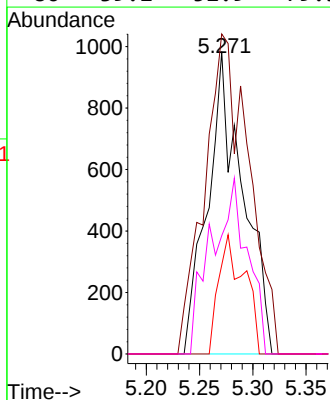
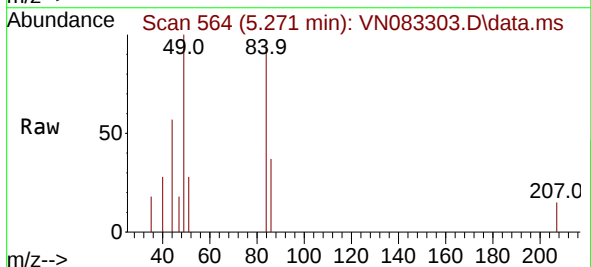
Manual Integrations
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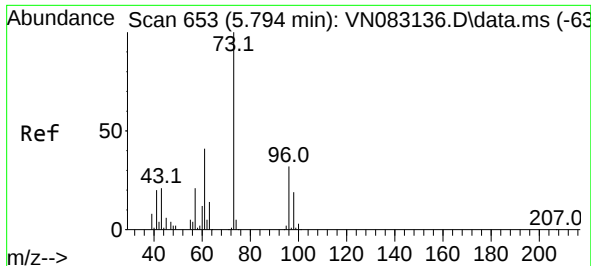
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#20
Methylene Chloride
Concen: 1.144 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

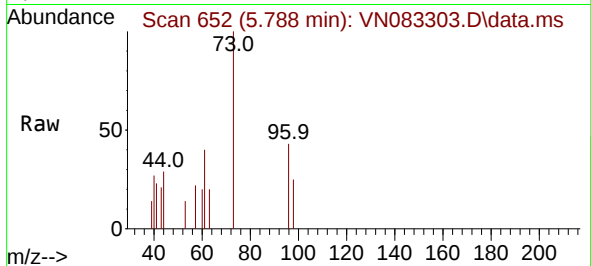
Tgt Ion: 84 Resp: 2263
Ion Ratio Lower Upper
84 100
49 105.9 119.6 179.4#
51 29.4 34.8 52.2#
86 39.2 52.9 79.3#





#21
trans-1,2-Dichloroethene
Concen: 0.859 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

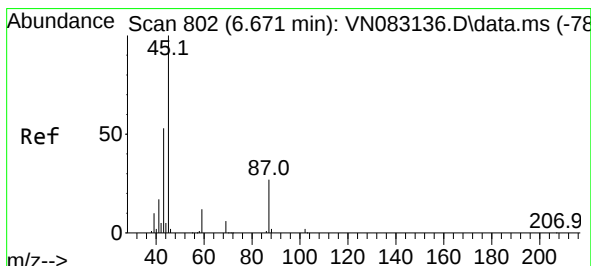
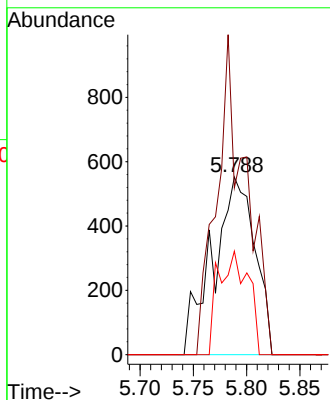
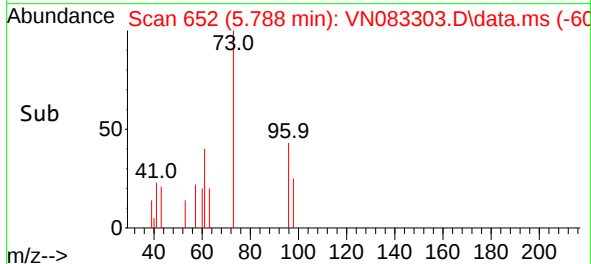
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



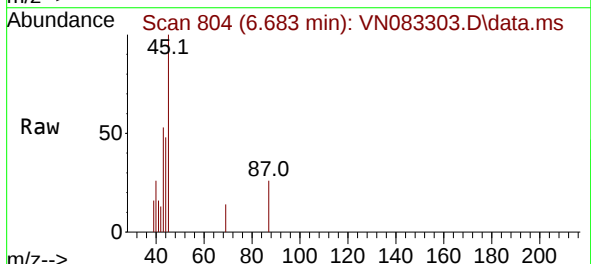
Tgt Ion: 96 Resp: 1520
Ion Ratio Lower Upper
96 100
61 94.0 123.4 185.2
98 58.3 49.3 73.9

Manual Integrations
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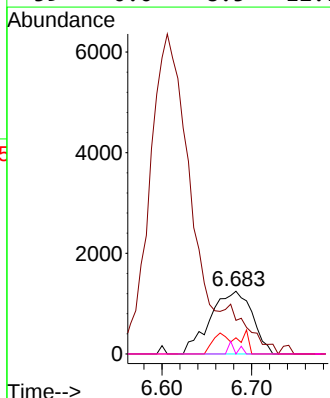
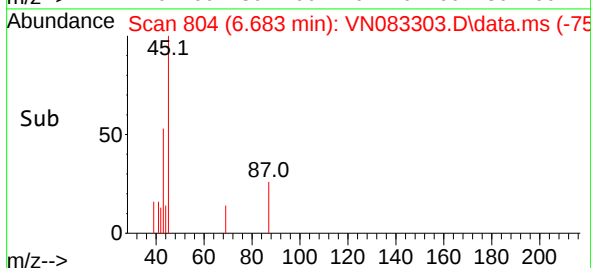
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

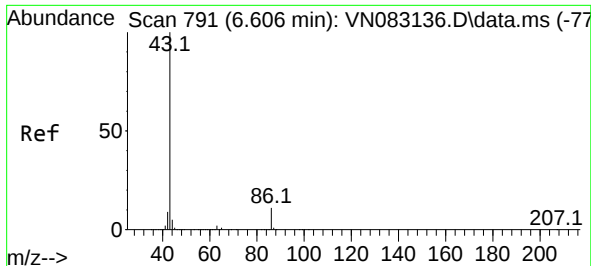


#22
Diisopropyl ether
Concen: 0.667 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.012 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



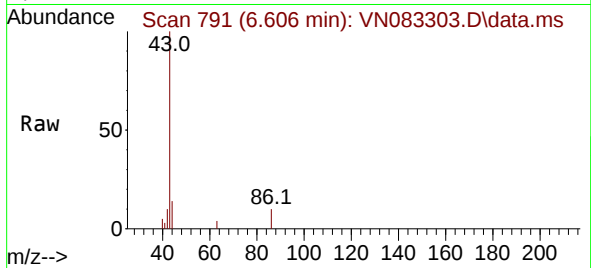
Tgt Ion: 45 Resp: 4053
Ion Ratio Lower Upper
45 100
43 53.5 44.0 66.0
87 25.8 19.7 29.5
59 0.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 3.154 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083303.D
 Acq: 14 Aug 2024 16:04

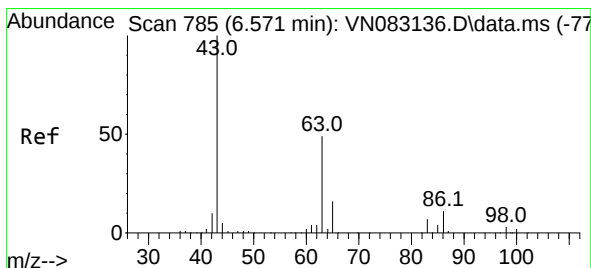
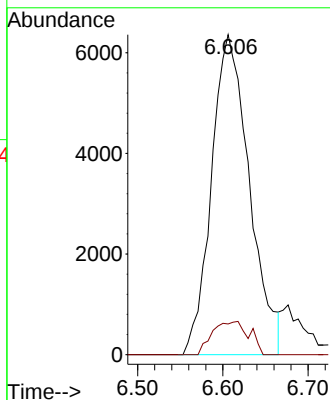
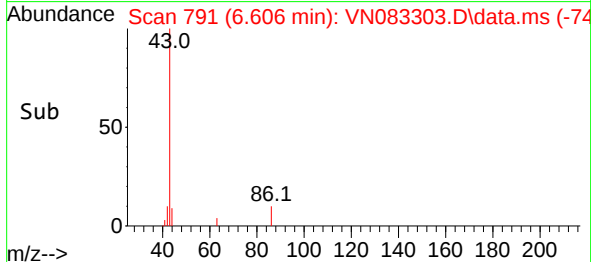
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 1965
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.3 10.9

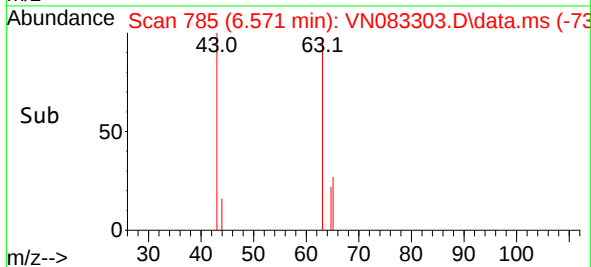
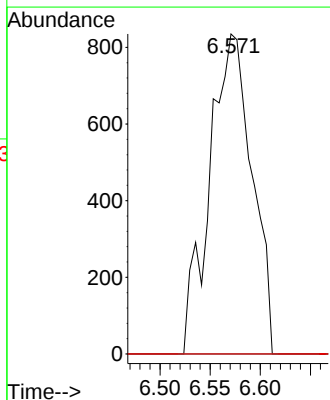
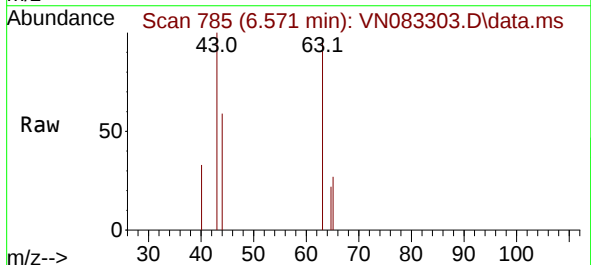
Manual Integrations
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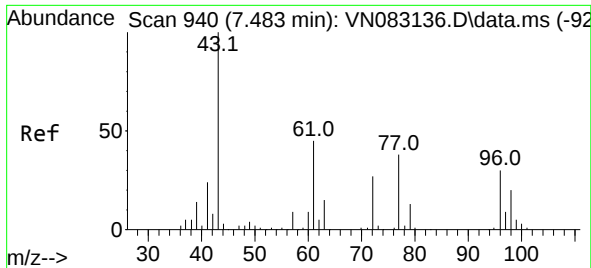
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#24
 1,1-Dichloroethane
 Concen: 0.745 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083303.D
 Acq: 14 Aug 2024 16:04

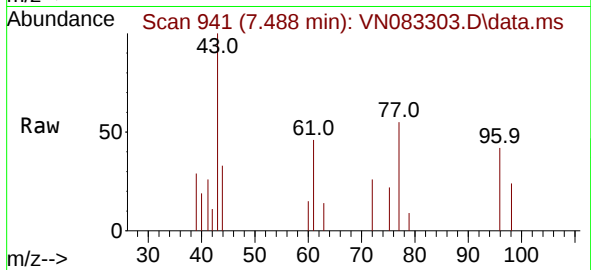
Tgt Ion: 63 Resp: 2468
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 6.0#





#25
2-Butanone
Concen: 3.705 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

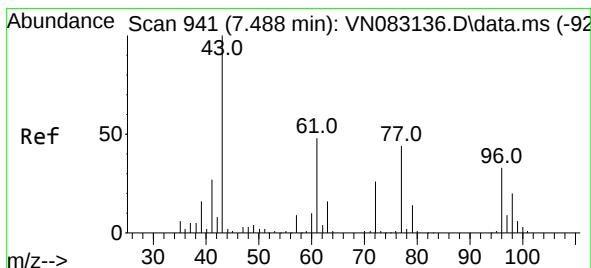
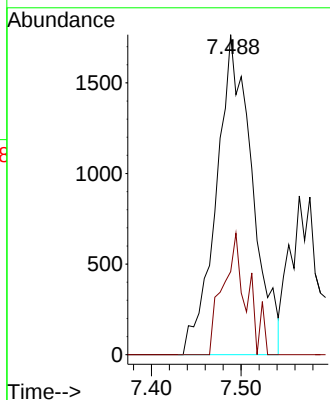
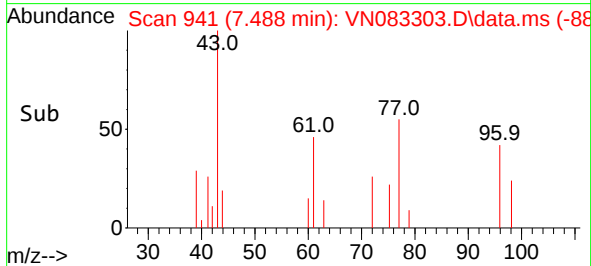
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2

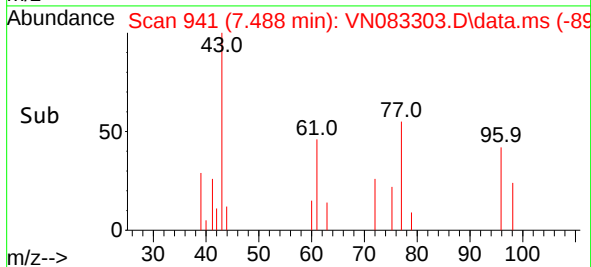
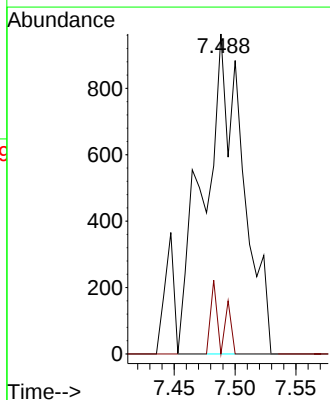
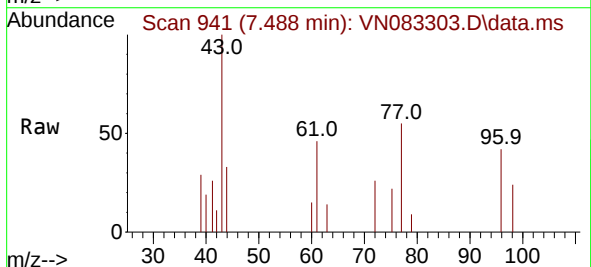
Manual Integrations
APPROVED

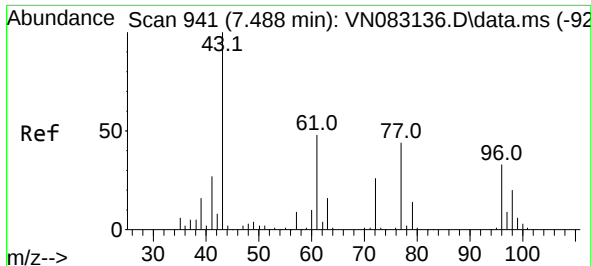
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#26
2,2-Dichloropropane
Concen: 0.705 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

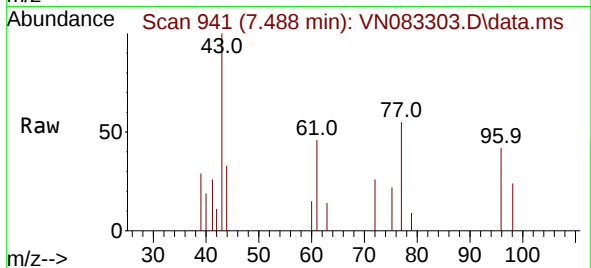
Tgt Ion: 77 Resp: 2169
Ion Ratio Lower Upper
77 100
97 6.2 10.3 30.9#





#27
cis-1,2-Dichloroethene
Concen: 0.788 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

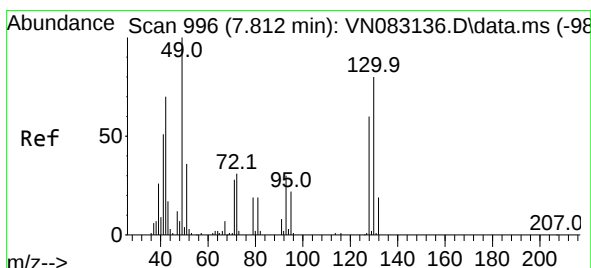
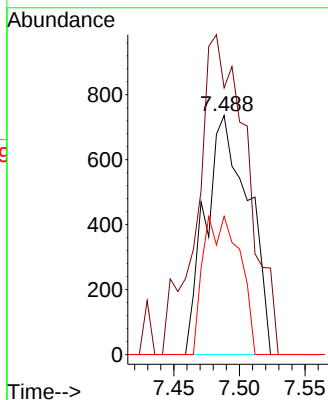
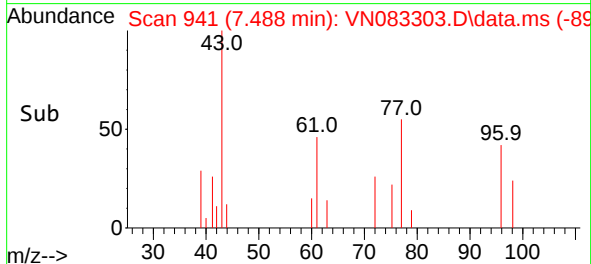
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 96 Resp: 168
Ion Ratio Lower Upper
96 100
61 155.3 0.0 329.6
98 49.1 0.0 128.6

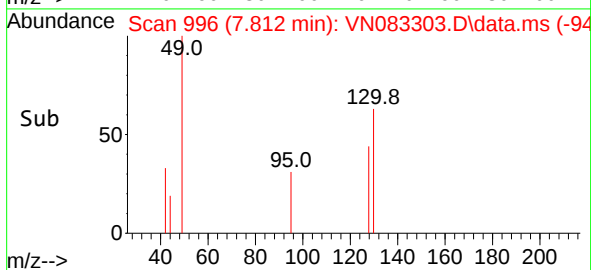
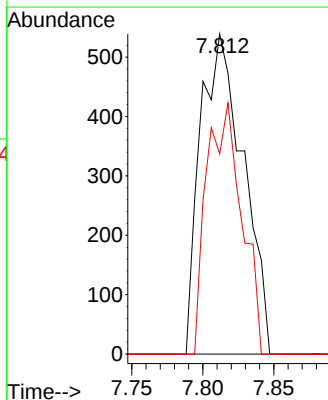
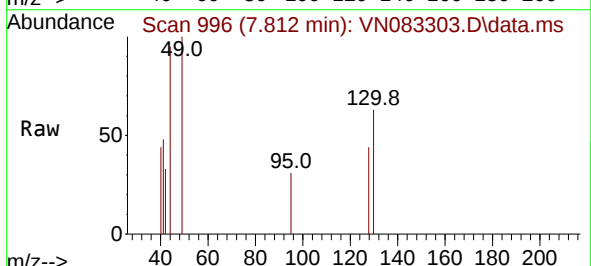
Manual Integrations
APPROVED

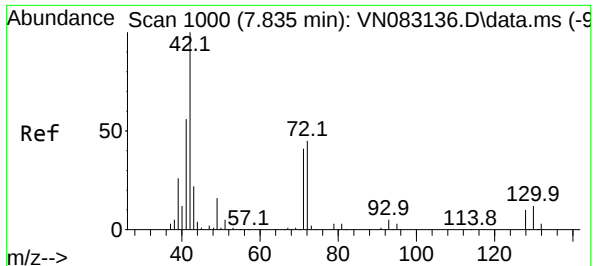
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#28
Bromochloromethane
Concen: 0.838 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion: 49 Resp: 1135
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 64.0 50.5 75.7





#29

Tetrahydrofuran

Concen: 3.801 ug/l

RT: 7.853 min Scan# 1000

Delta R.T. 0.018 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

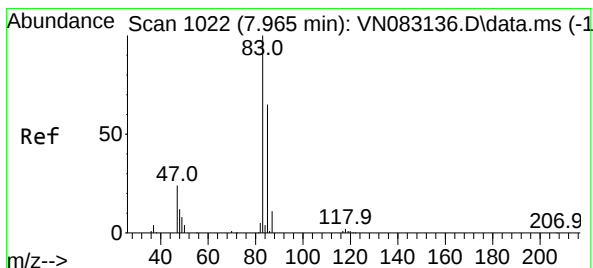
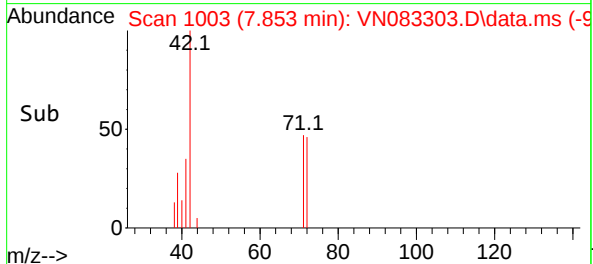
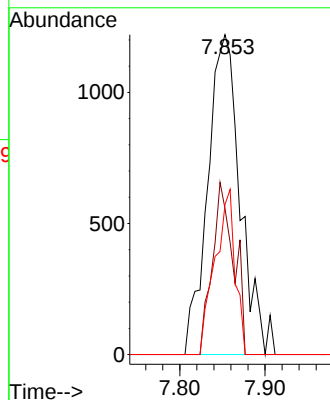
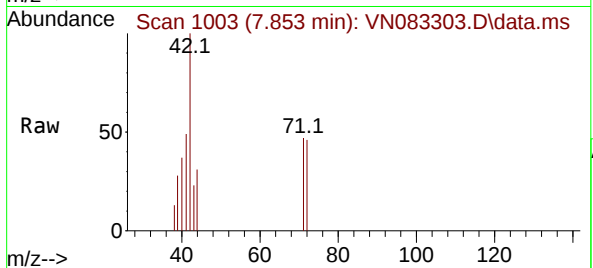
MDL-WATER-03-QT3-2024

Tgt Ion: 42	Resp: 324
Ion Ratio	Lower Upper
42	100
72	35.3 30.0 45.0
71	31.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#30

Chloroform

Concen: 0.747 ug/l

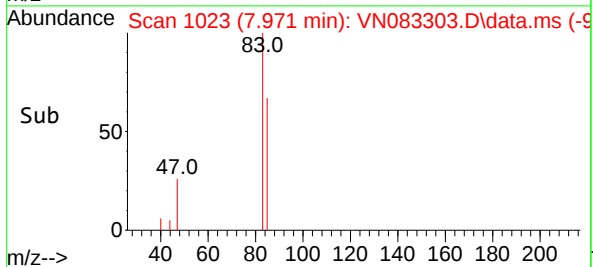
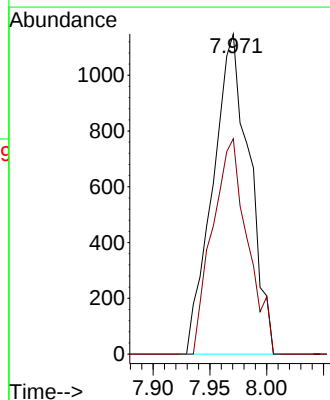
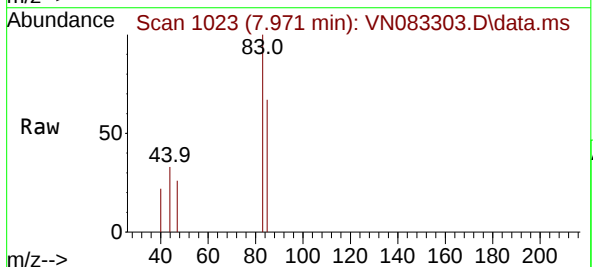
RT: 7.971 min Scan# 1023

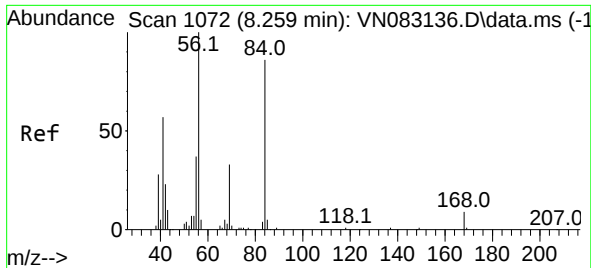
Delta R.T. 0.006 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

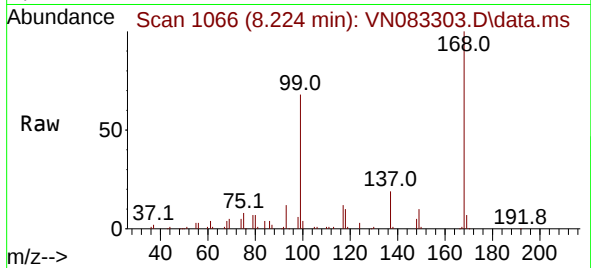
Tgt Ion: 83	Resp: 2570
Ion Ratio	Lower Upper
83	100
85	67.2 50.9 76.3





#31
Cyclohexane
Concen: 1.916 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

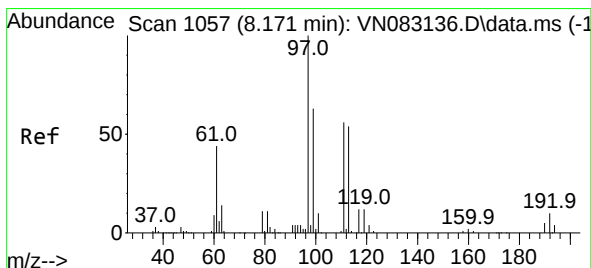
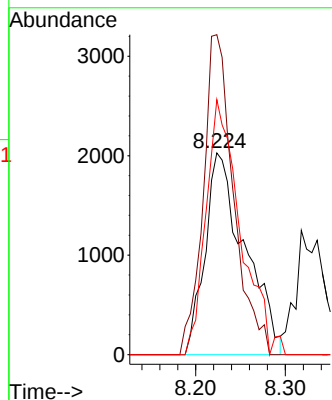
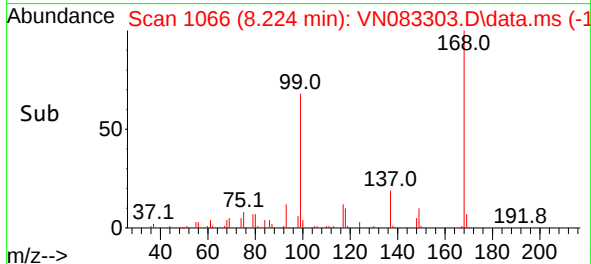
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 6239
Ion Ratio Lower Upper
56 100
69 158.6 24.5 36.7
84 126.4 66.0 99.0

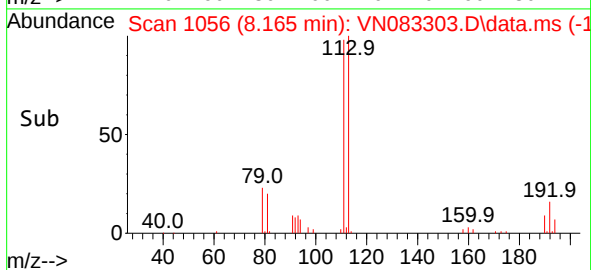
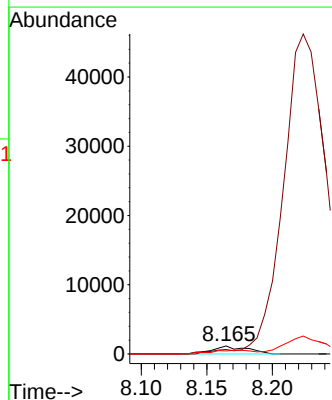
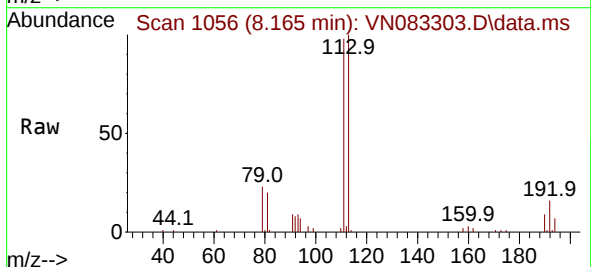
Manual Integrations
APPROVED

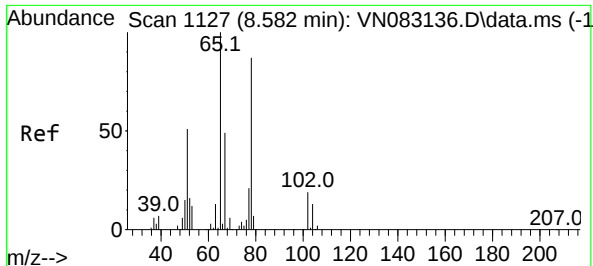
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 0.667 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion: 97 Resp: 2173
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 55.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 55.881 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

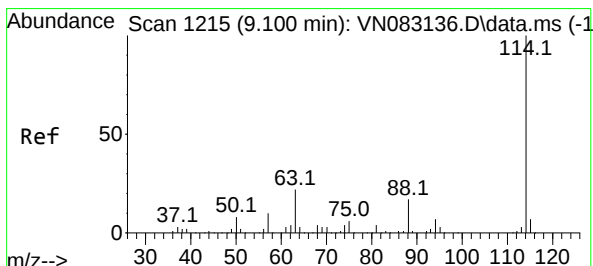
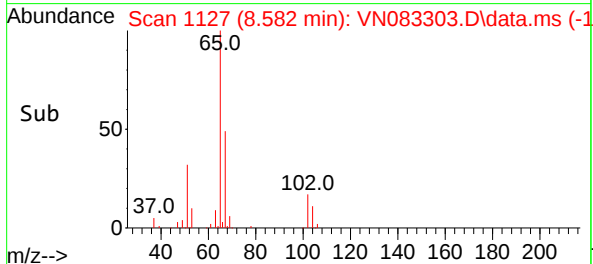
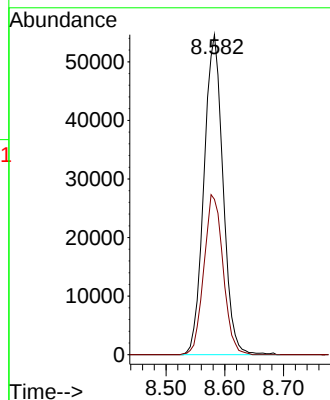
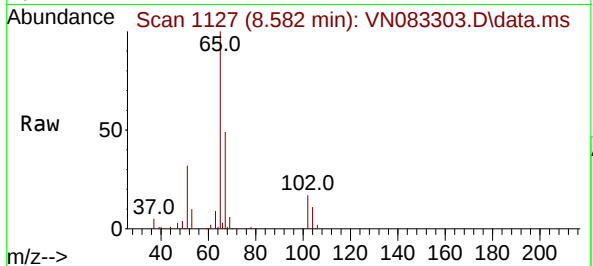
MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 122778
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

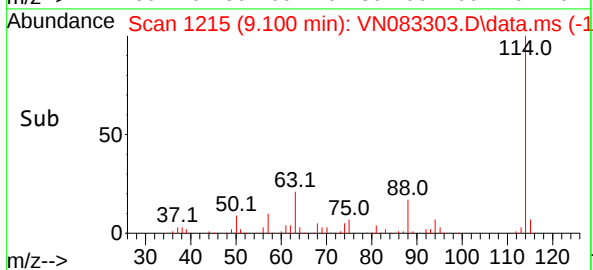
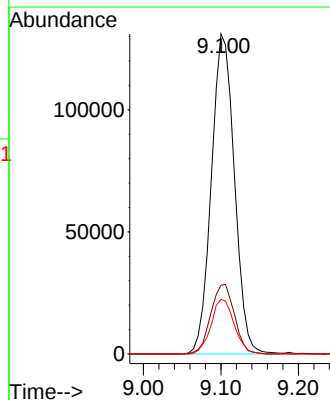
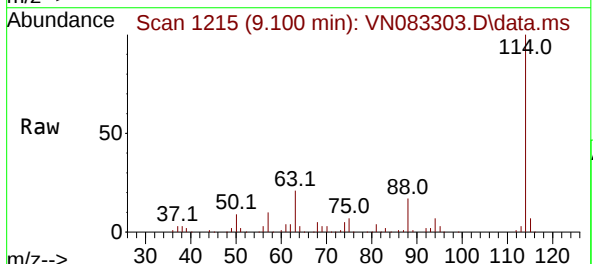
RT: 9.100 min Scan# 1215

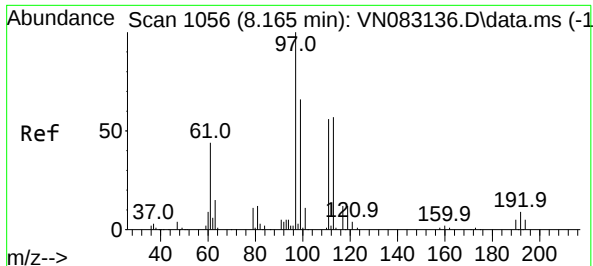
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:114 Resp: 270776
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.6
 88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.842 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

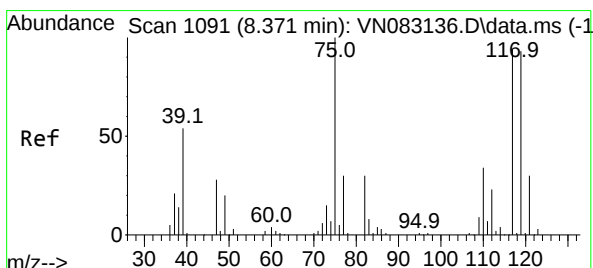
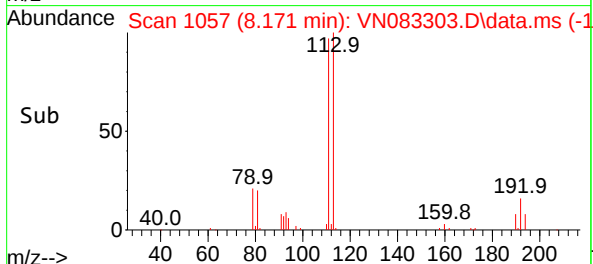
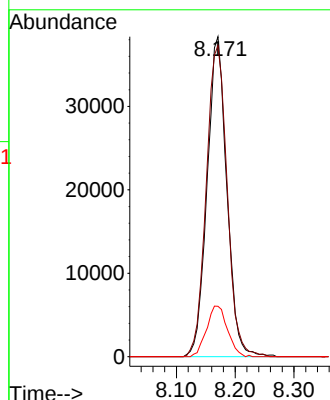
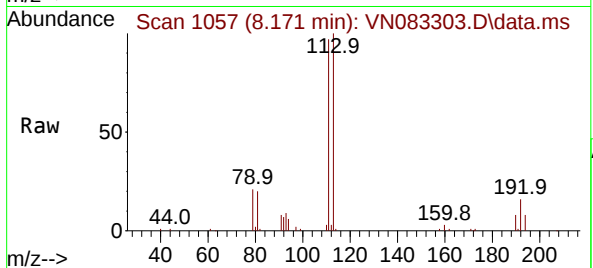
MDL-WATER-03-QT3-2024

Tgt Ion:	113	Resp:	89309
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.4	123.6
192	16.8	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#36

1,1-Dichloropropene

Concen: 0.710 ug/l

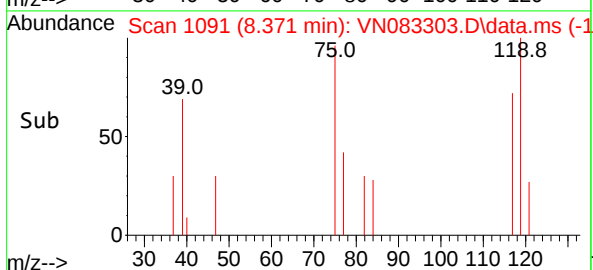
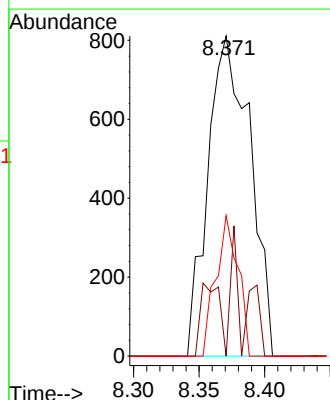
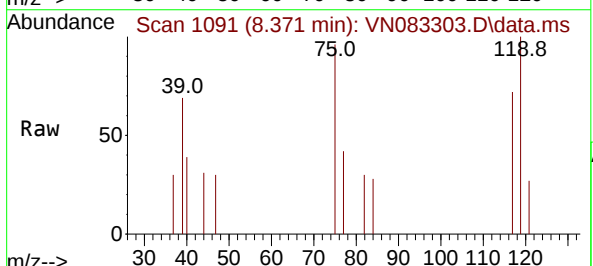
RT: 8.371 min Scan# 1091

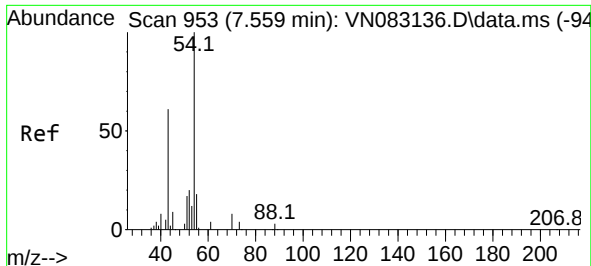
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:	75	Resp:	1816
Ion Ratio	Lower	Upper	
75	100		
110	13.1	16.3	48.9#
77	23.1	24.6	37.0#





#37

Ethyl Acetate

Concen: 0.636 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083303.D

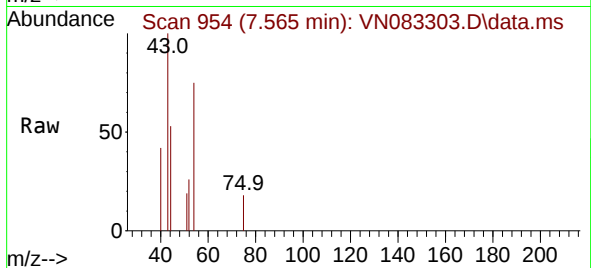
Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



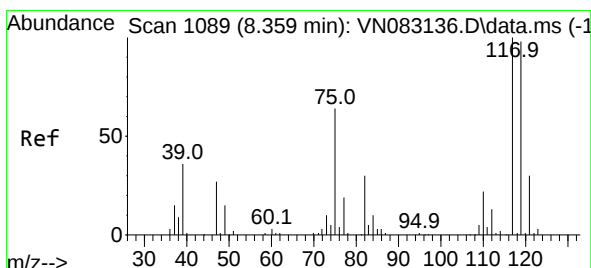
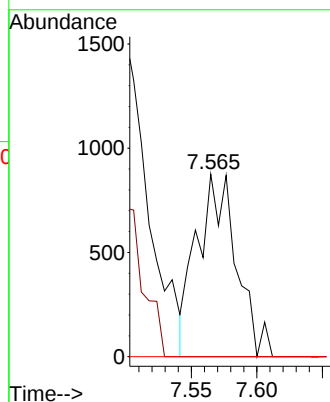
Tgt Ion:	43	Resp:	182
Ion Ratio	Lower	Upper	
43	100		
61	0.0	9.3	13.9
70	0.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#38

Carbon Tetrachloride

Concen: 0.689 ug/l

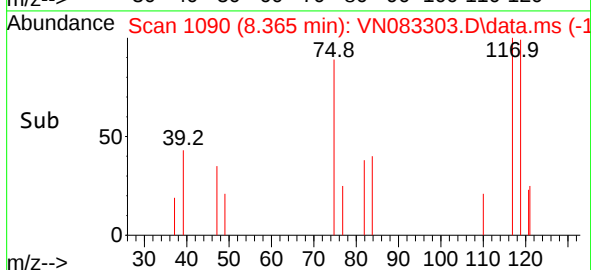
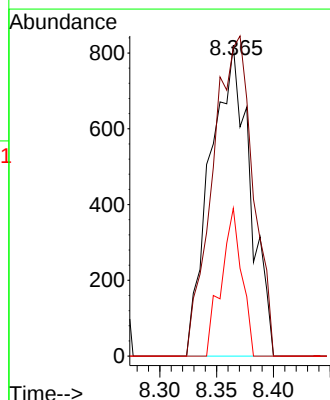
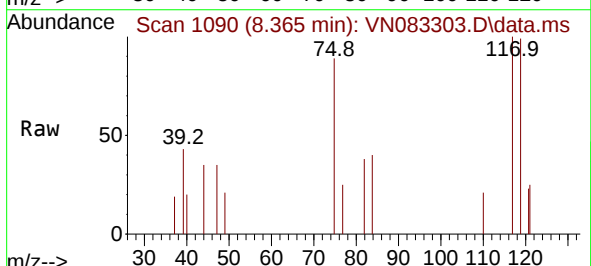
RT: 8.365 min Scan# 1090

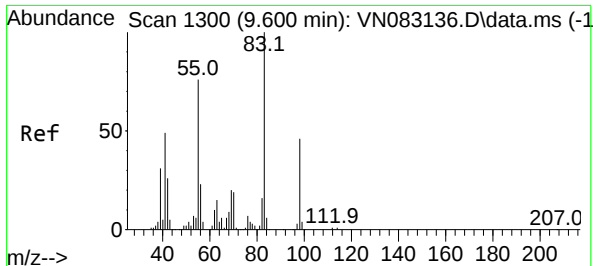
Delta R.T. 0.006 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:	117	Resp:	1983
Ion Ratio	Lower	Upper	
117	100		
119	99.3	74.9	112.3
121	47.6	24.3	36.5





#39

Methylcyclohexane

Concen: 0.585 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083303.D

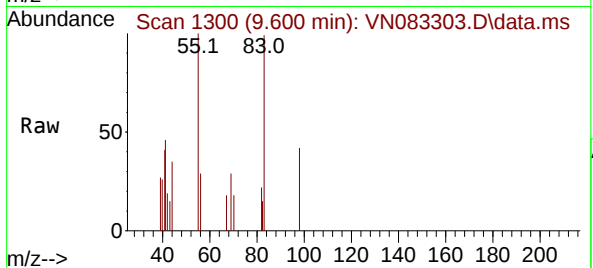
Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



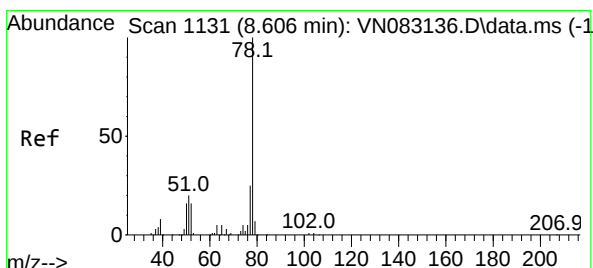
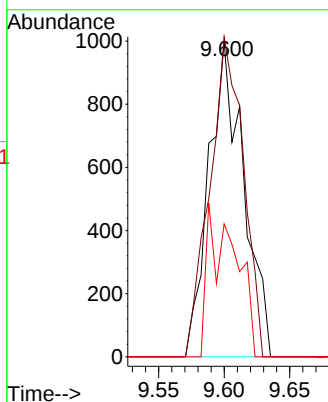
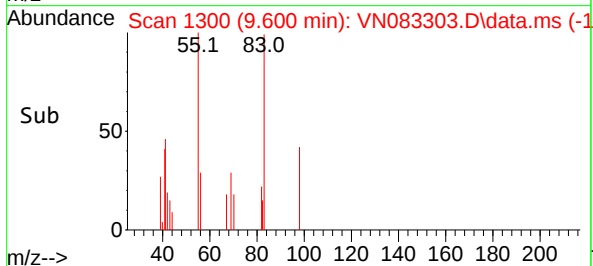
Tgt Ion:	83	Resp:	183
Ion Ratio	Lower	Upper	
83	100		
55	101.5	66.4	99.6
98	42.1	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#40

Benzene

Concen: 0.669 ug/l

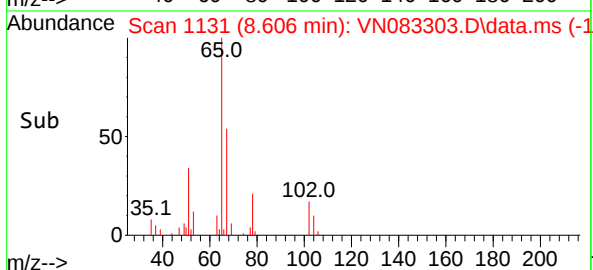
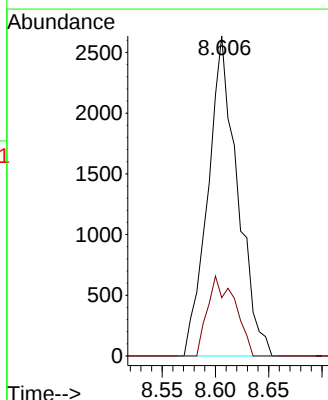
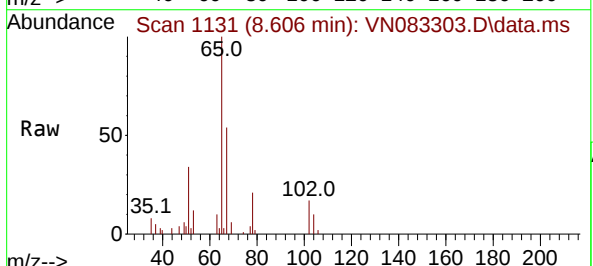
RT: 8.606 min Scan# 1131

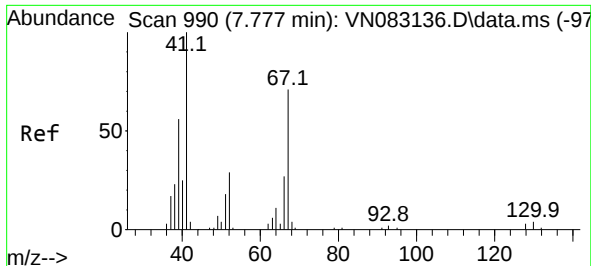
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

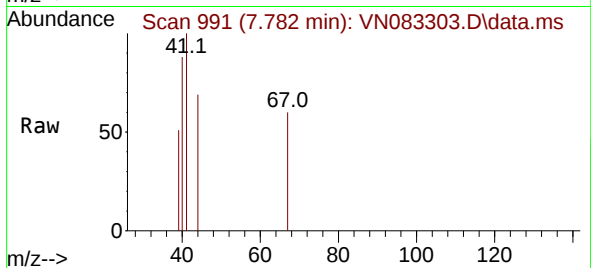
Tgt Ion:	78	Resp:	5093
Ion Ratio	Lower	Upper	
78	100		
77	18.2	19.0	28.4





#41
Methacrylonitrile
Concen: 0.676 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

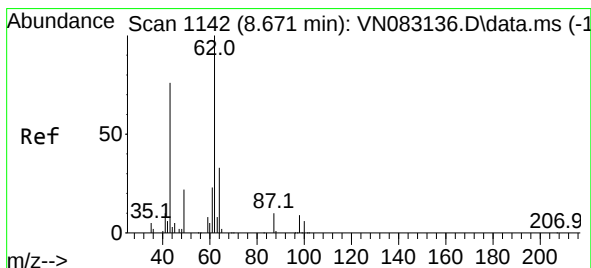
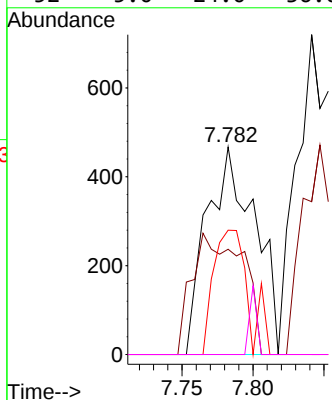
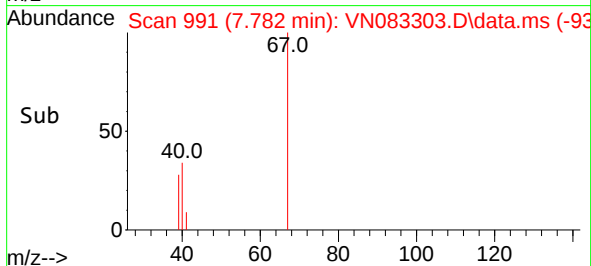
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.5	68.3
67	42.8	50.5	75.7
52	5.0	24.0	36.0

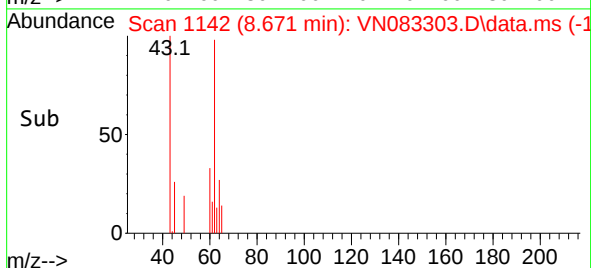
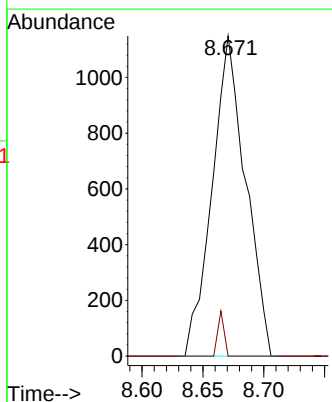
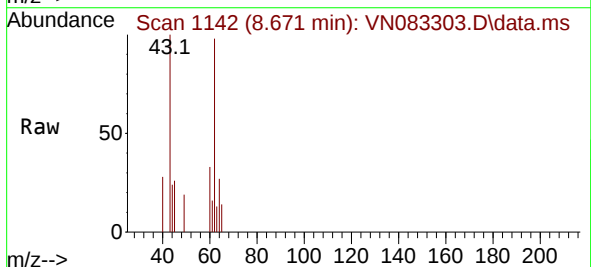
Manual Integrations
APPROVED

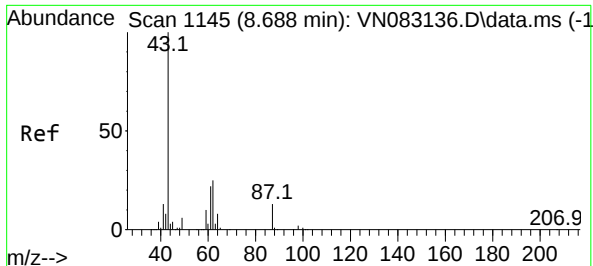
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#42
1,2-Dichloroethane
Concen: 0.792 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

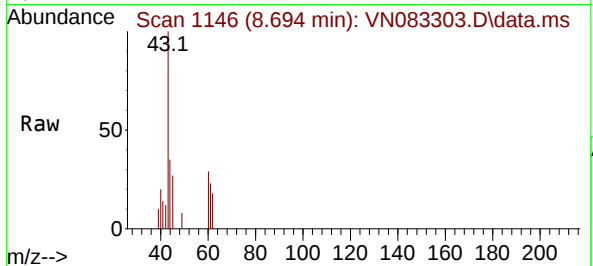
Tgt Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.0	15.8





#43
Isopropyl Acetate
Concen: 0.856 ug/l m
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

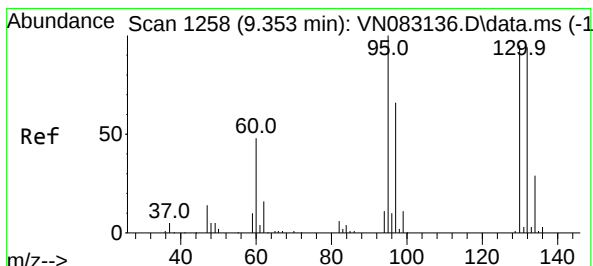
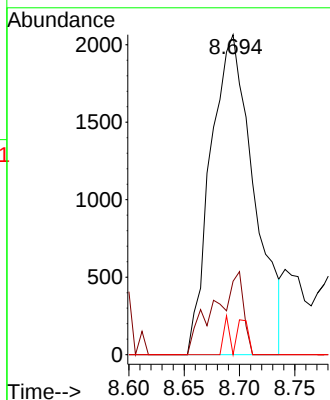
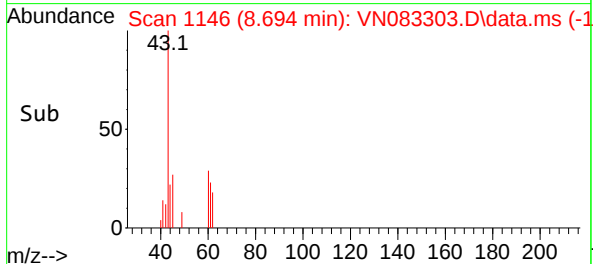
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
61 17.6 17.8 26.6
87 2.8 8.2 12.2

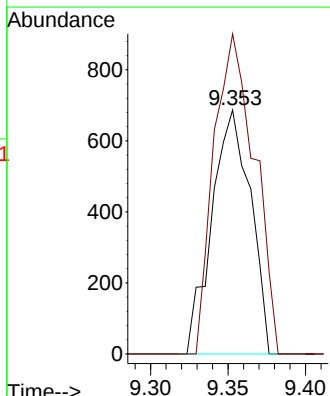
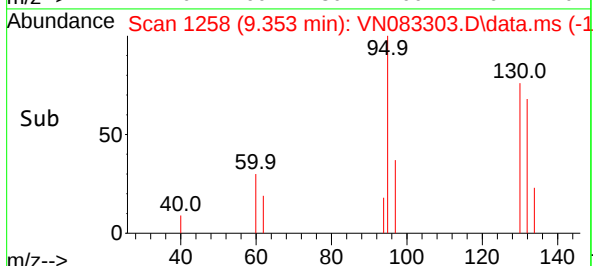
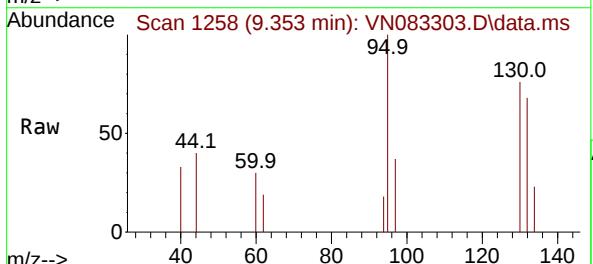
Manual Integrations
APPROVED

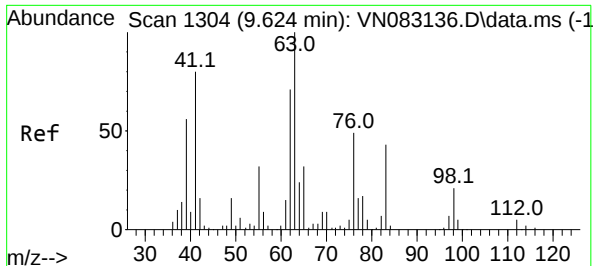
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#44
Trichloroethene
Concen: 0.657 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion:130 Resp: 1191
Ion Ratio Lower Upper
130 100
95 131.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 0.675 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

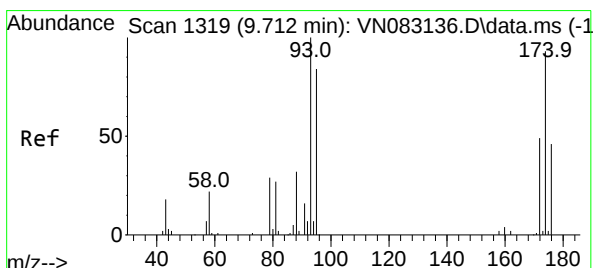
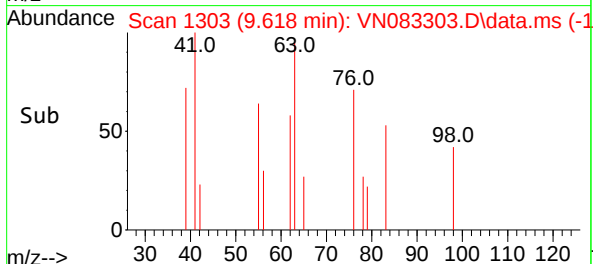
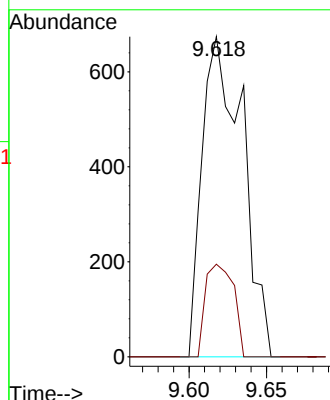
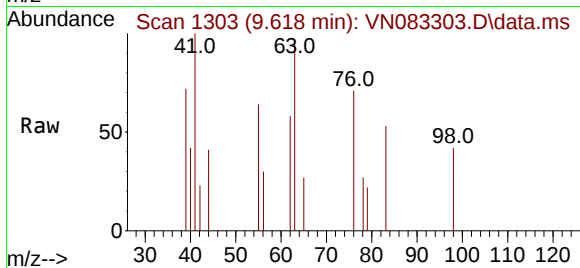
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 122
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#46

Dibromomethane

Concen: 0.600 ug/l

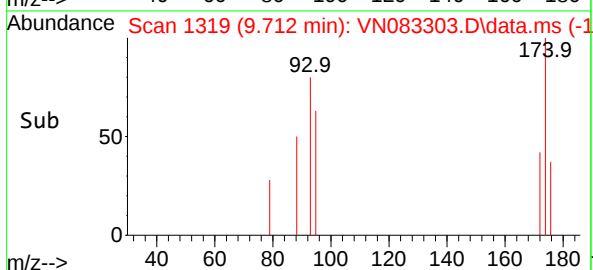
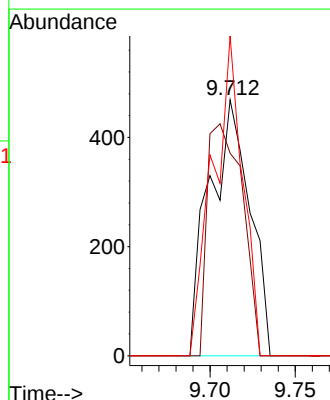
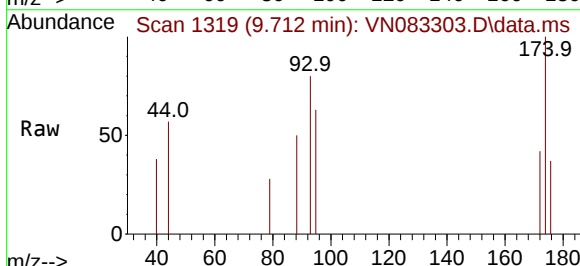
RT: 9.712 min Scan# 1319

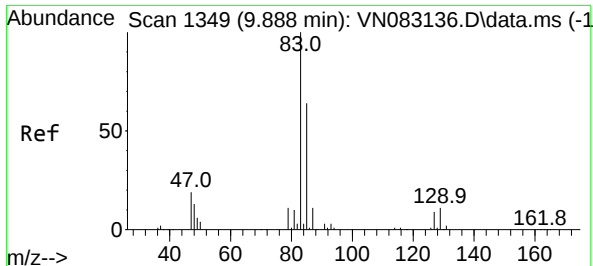
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

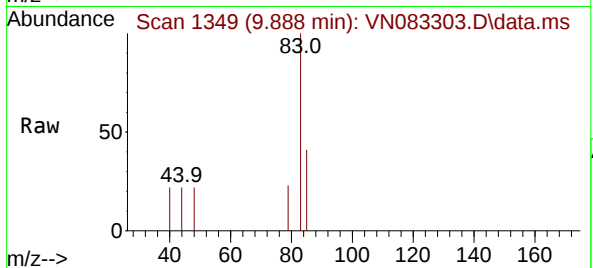
Tgt Ion: 93 Resp: 777
 Ion Ratio Lower Upper
 93 100
 95 78.5 65.8 98.6
 174 91.9 71.7 107.5





#47
Bromodichloromethane
Concen: 0.623 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

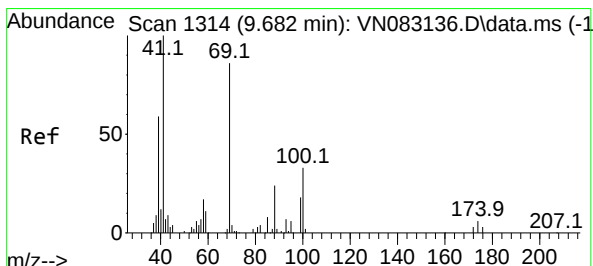
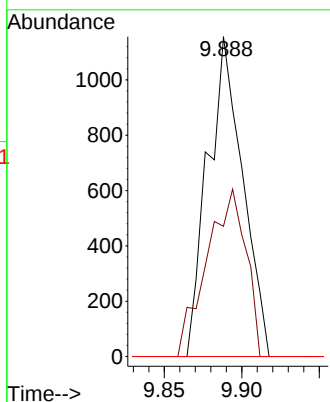
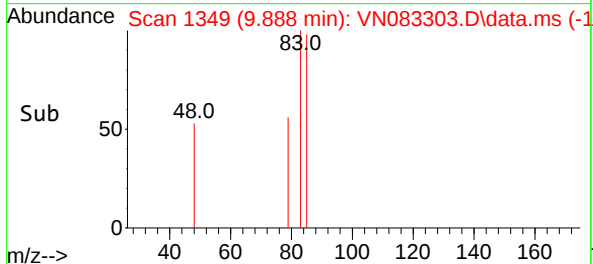
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



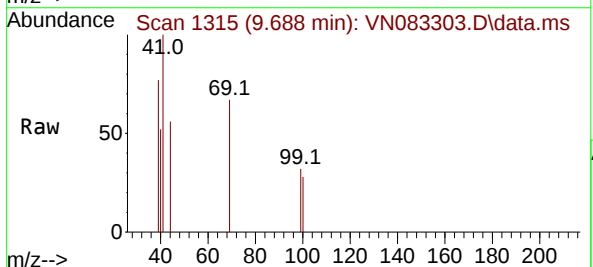
Tgt Ion: 83 Resp: 181
Ion Ratio Lower Upper
83 100
85 40.7 51.1 76.7
127 0.0 7.2 10.8

Manual Integrations
APPROVED

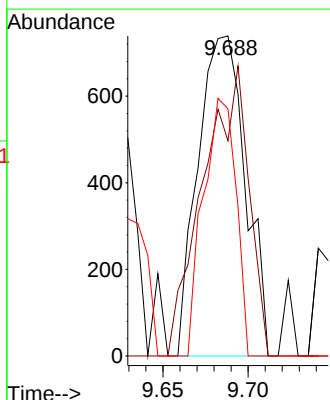
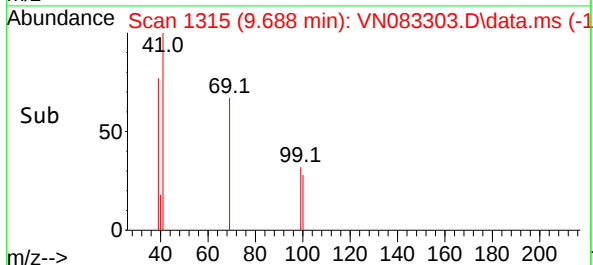
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

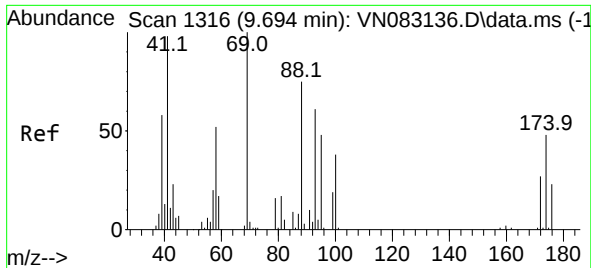


#48
Methyl methacrylate
Concen: 0.606 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



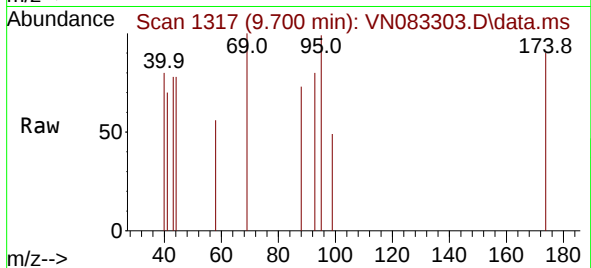
Tgt Ion: 41 Resp: 1434
Ion Ratio Lower Upper
41 100
69 86.7 56.3 84.5
39 55.3 50.3 75.5





#49
1,4-Dioxane
Concen: 11.546 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

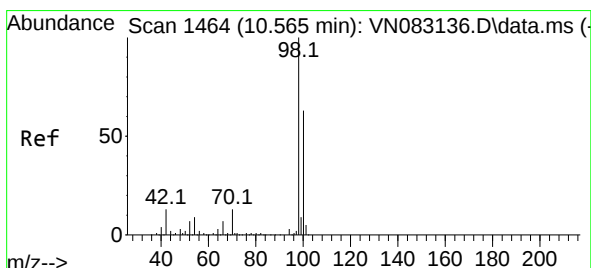
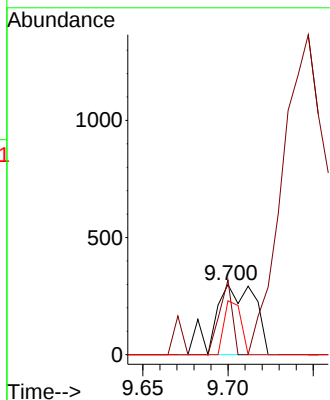
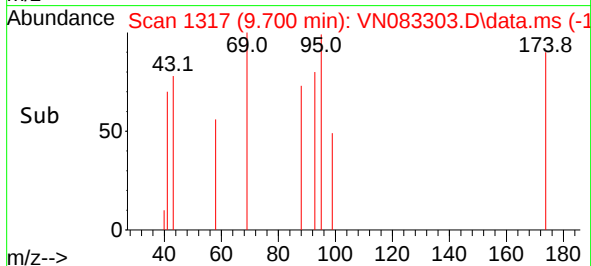
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 33.9 27.8 41.8
58 31.4 59.4 89.0

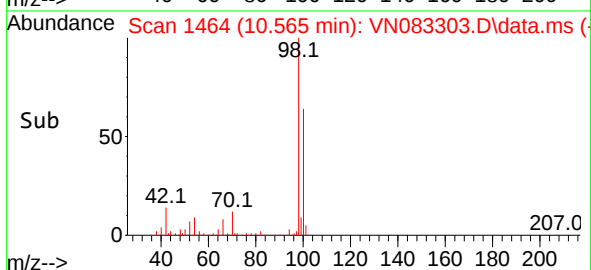
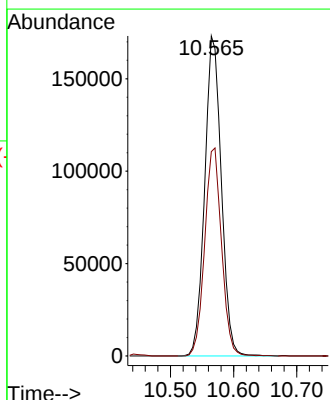
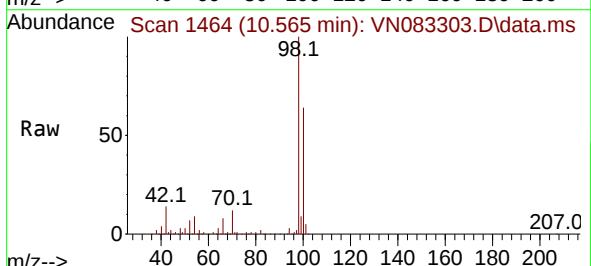
Manual Integrations
APPROVED

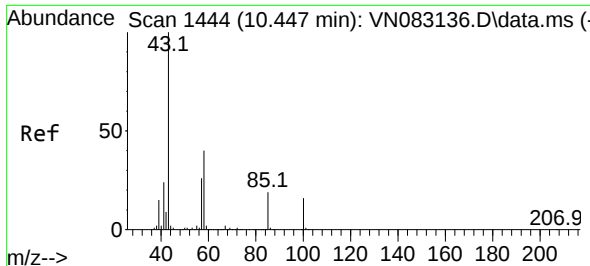
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#50
Toluene-d8
Concen: 50.242 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

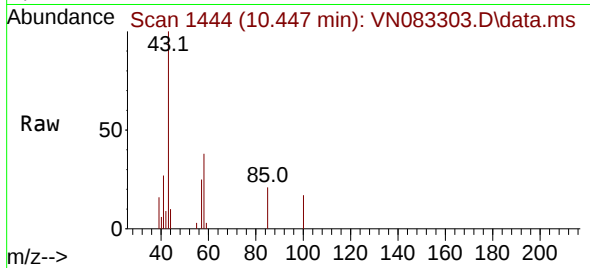
Tgt Ion: 98 Resp: 316756
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 3.236 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

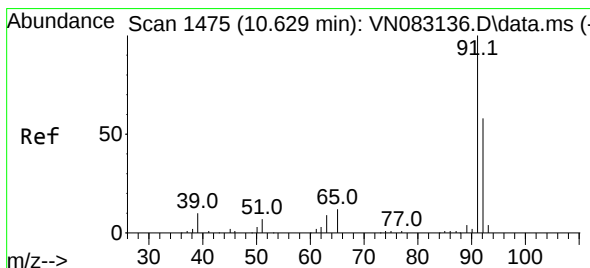
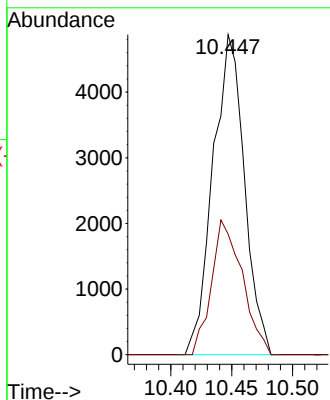
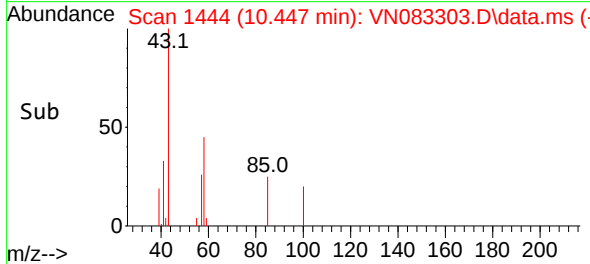
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



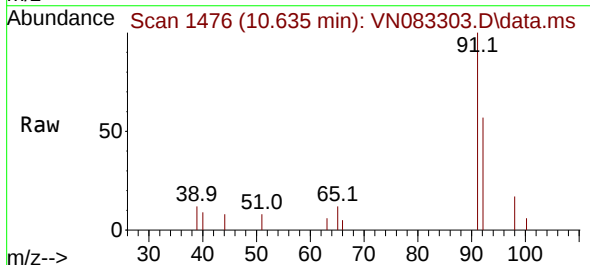
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 41.3 28.2 42.4

Manual Integrations
APPROVED

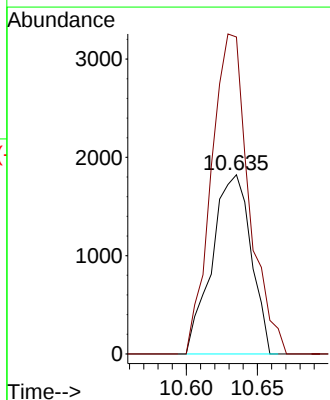
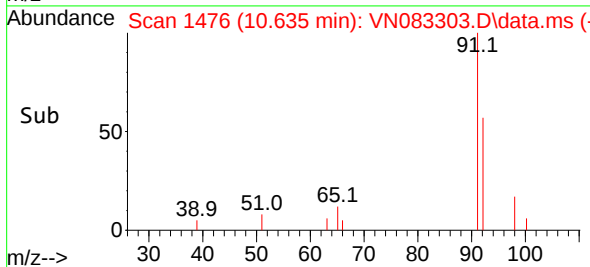
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

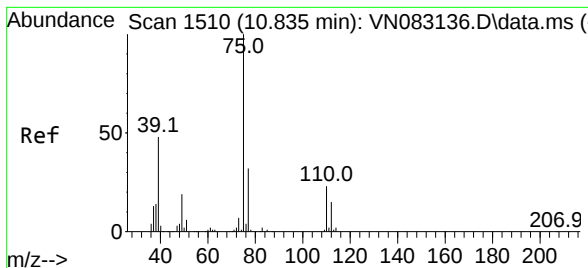


#52
Toluene
Concen: 0.723 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



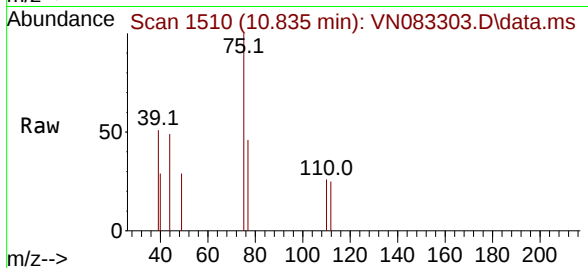
Tgt Ion: 92 Resp: 3479
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 0.588 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

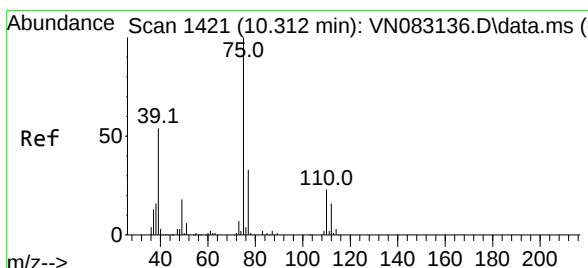
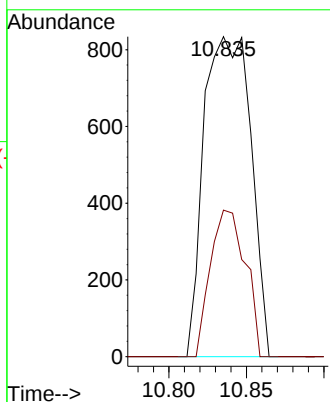
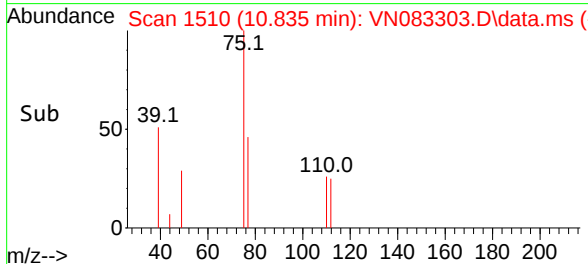
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



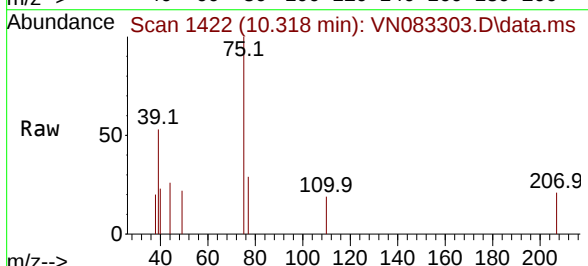
Tgt Ion: 75 Resp: 175
Ion Ratio Lower Upper
75 100
77 45.8 25.7 38.5

Manual Integrations
APPROVED

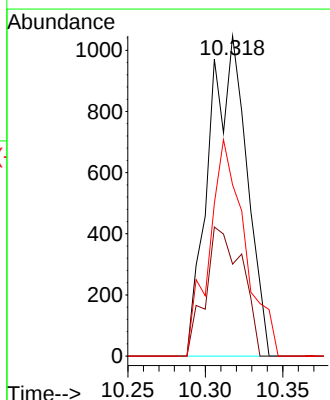
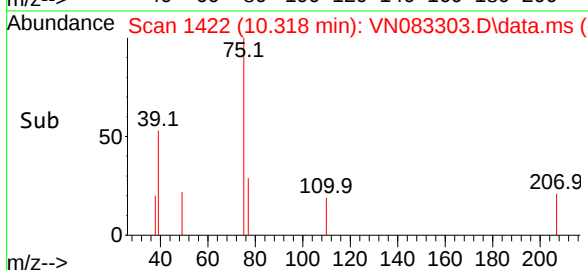
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

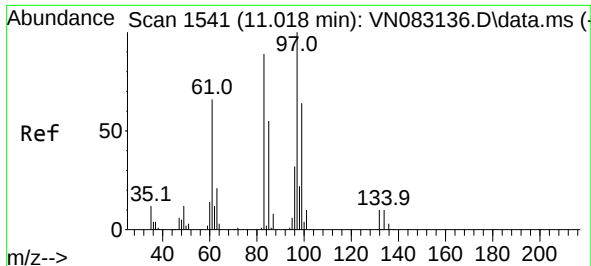


#54
cis-1,3-Dichloropropene
Concen: 0.558 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



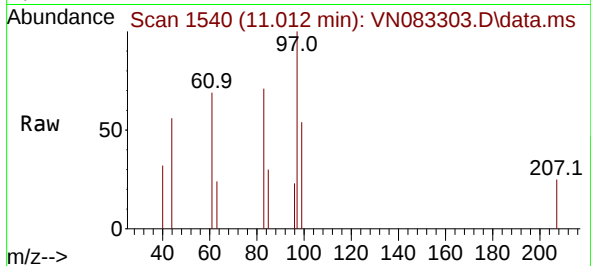
Tgt Ion: 75 Resp: 1770
Ion Ratio Lower Upper
75 100
77 28.7 24.3 36.5
39 53.5 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 0.652 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

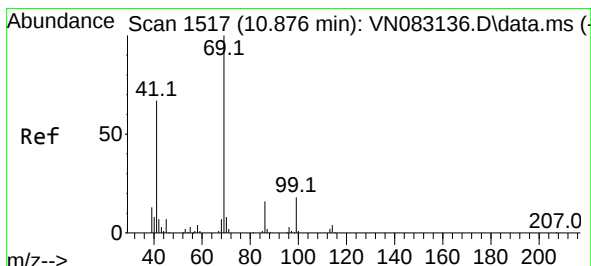
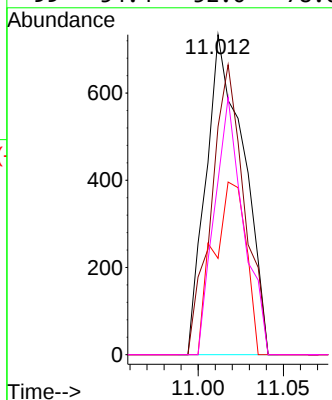
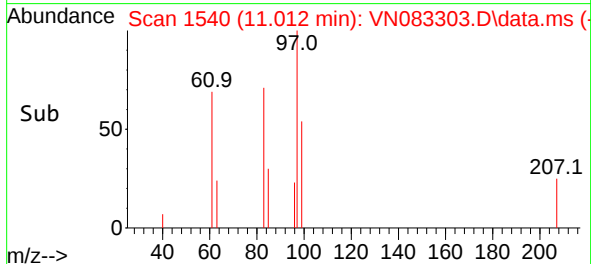
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



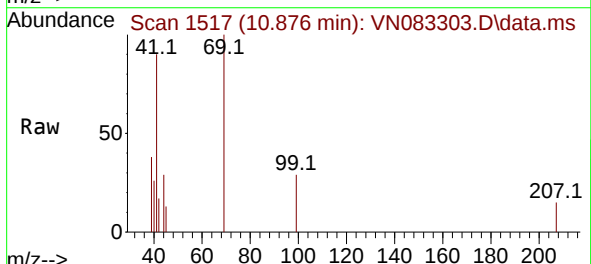
Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.3	71.4	107.0
85	30.1	45.8	68.6
99	54.4	52.0	78.0

Manual Integrations
APPROVED

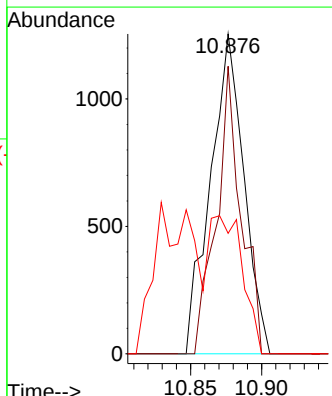
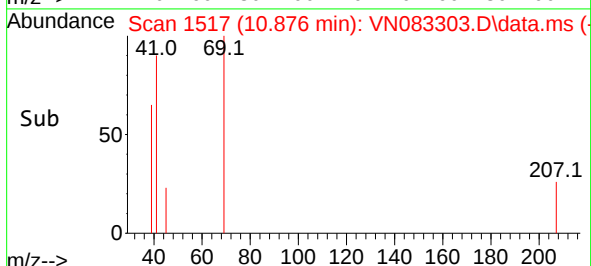
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

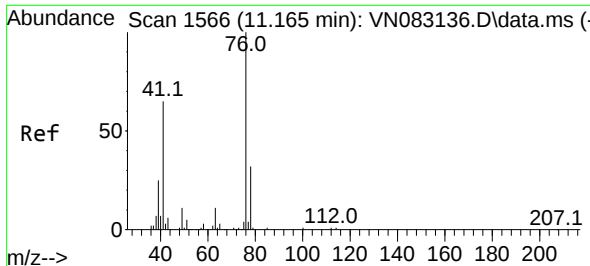


#56
Ethyl methacrylate
Concen: 0.633 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	63.4	95.2
39	42.9	37.4	56.0





#57

1,3-Dichloropropane

Concen: 0.824 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083303.D

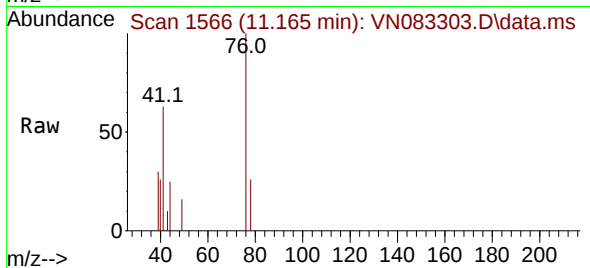
Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 76 Resp: 2534

Ion Ratio Lower Upper

76 100

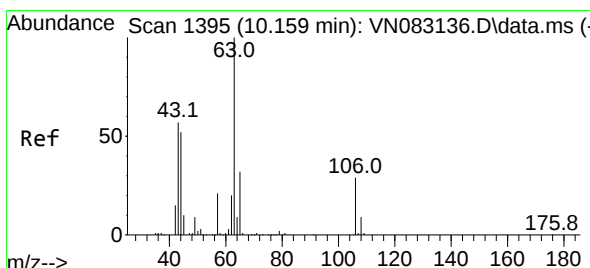
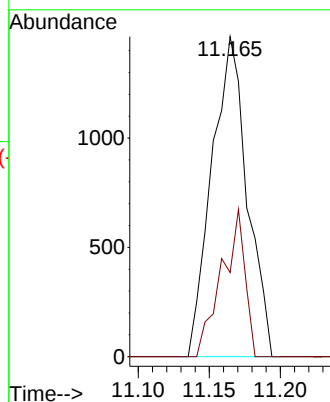
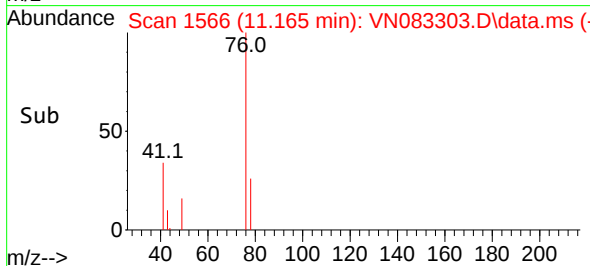
78 30.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 3.106 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN083303.D

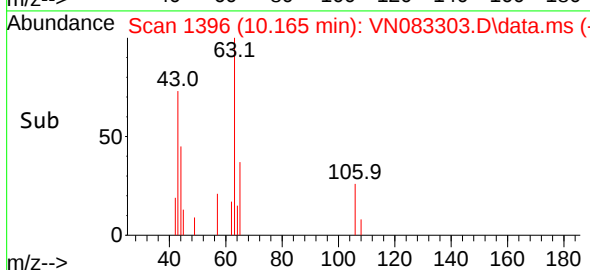
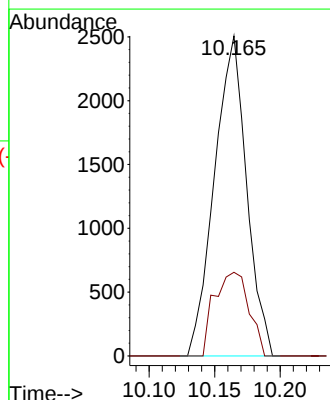
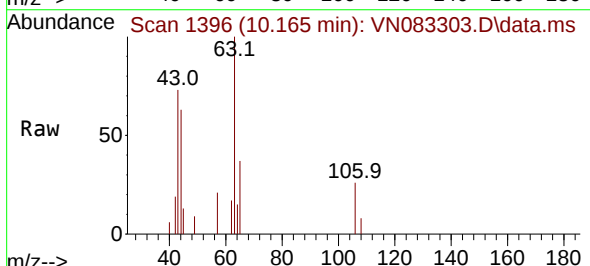
Acq: 14 Aug 2024 16:04

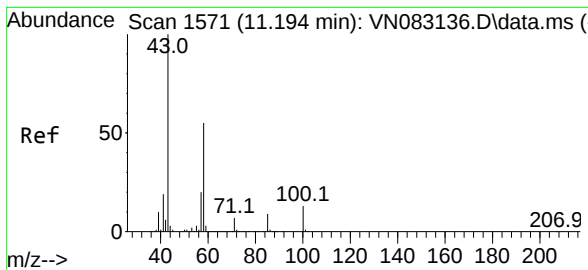
Tgt Ion: 63 Resp: 4268

Ion Ratio Lower Upper

63 100

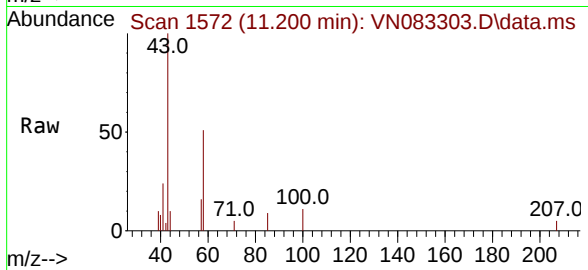
106 28.2 21.4 32.0





#59
2-Hexanone
Concen: 3.173 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

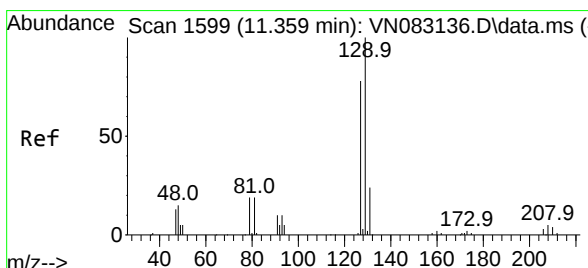
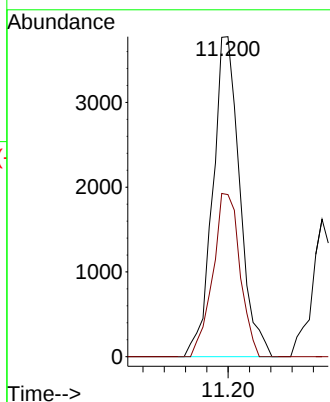
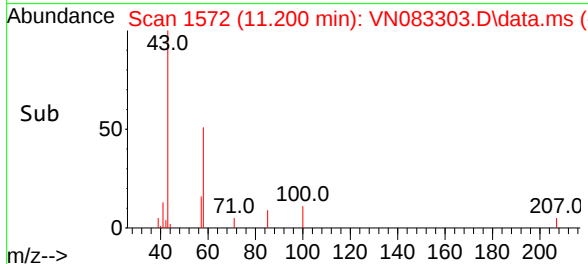
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 6649
Ion Ratio Lower Upper
43 100
58 51.1 24.6 73.8

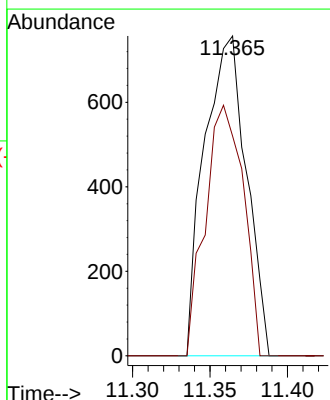
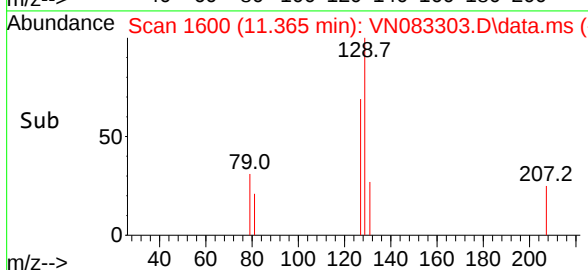
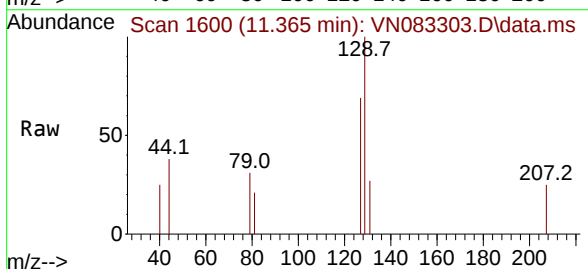
Manual Integrations
APPROVED

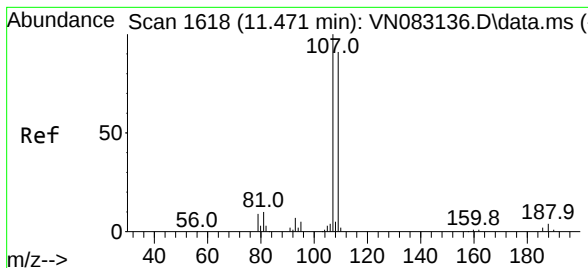
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#60
Dibromochloromethane
Concen: 0.682 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

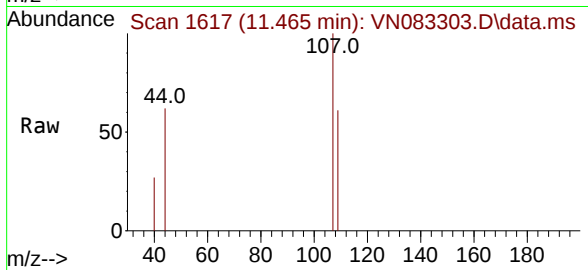
Tgt Ion:129 Resp: 1422
Ion Ratio Lower Upper
129 100
127 71.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 0.646 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

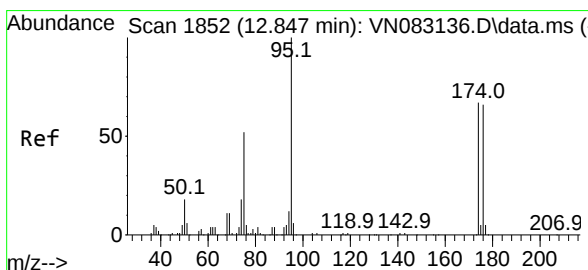
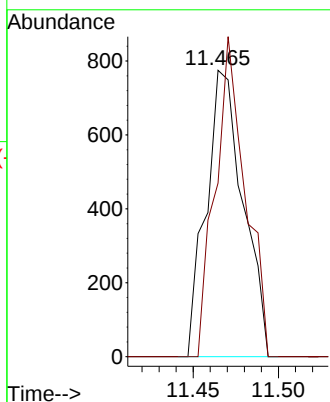
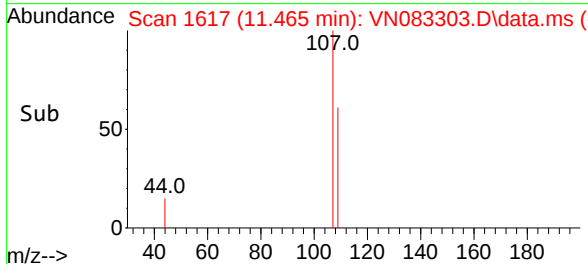
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



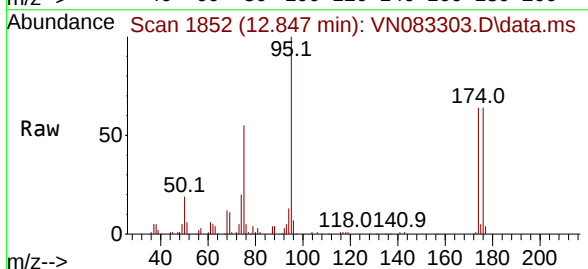
Tgt Ion:107 Resp: 117
Ion Ratio Lower Upper
107 100
109 90.4 73.7 110.5

Manual Integrations
APPROVED

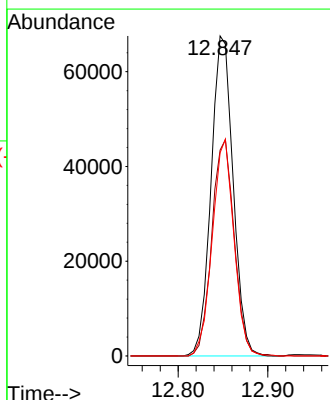
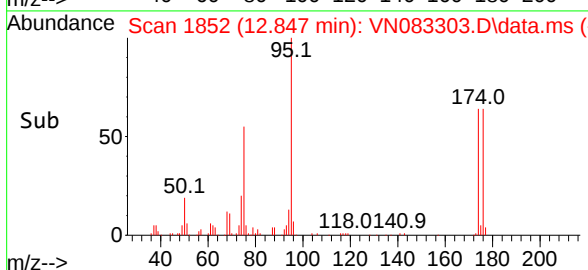
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

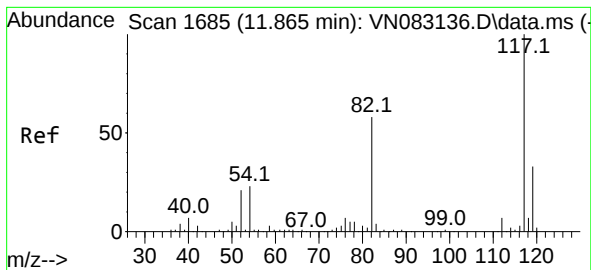


#62
4-Bromofluorobenzene
Concen: 46.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion: 95 Resp: 115349
Ion Ratio Lower Upper
95 100
174 68.5 0.0 159.2
176 66.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

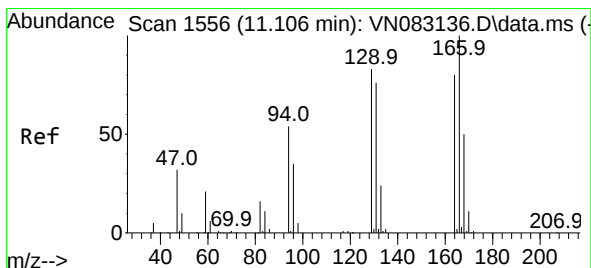
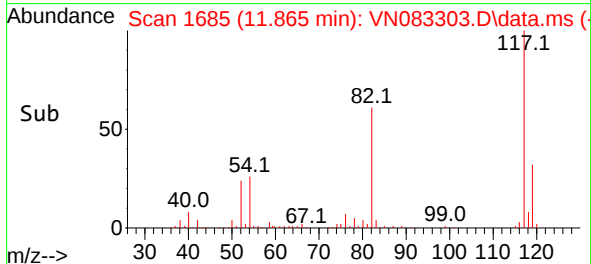
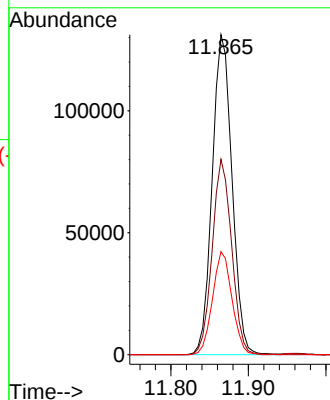
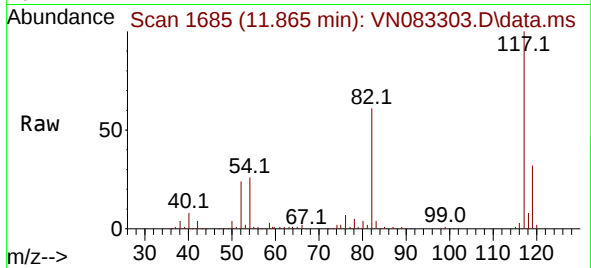
Tgt Ion:117 Resp: 232904

Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.5	71.3
119	32.2	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#64

Tetrachloroethene

Concen: 0.806 ug/l

RT: 11.100 min Scan# 1555

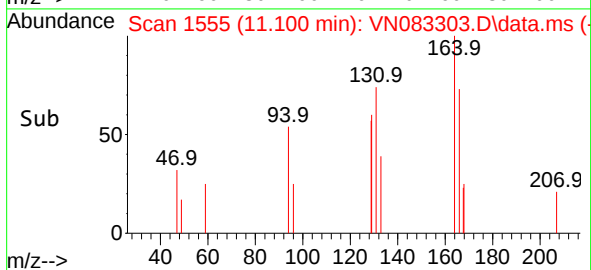
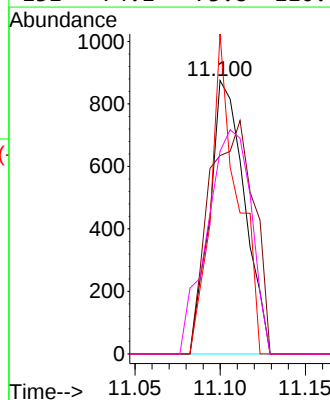
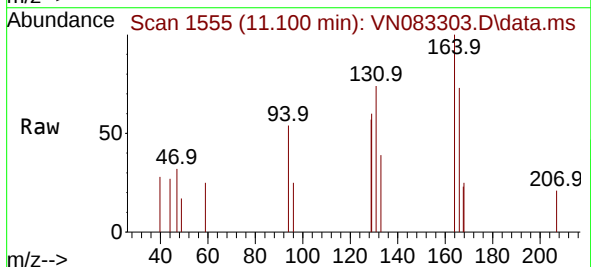
Delta R.T. -0.006 min

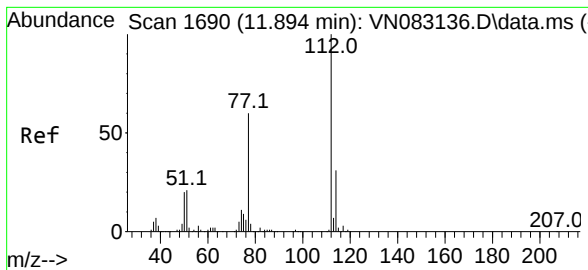
Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:164 Resp: 1243

Ion	Ratio	Lower	Upper
164	100		
166	72.6	101.4	152.0#
129	117.0	75.7	113.5#
131	74.1	73.8	110.6





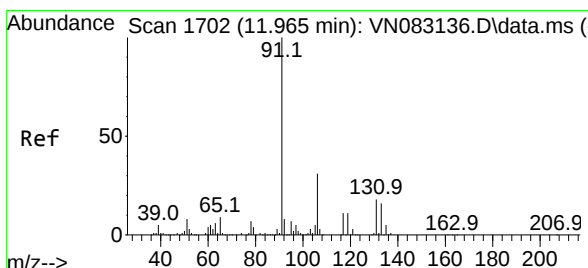
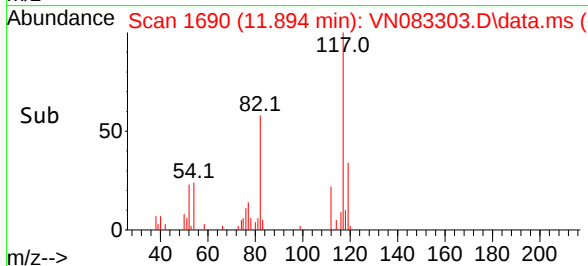
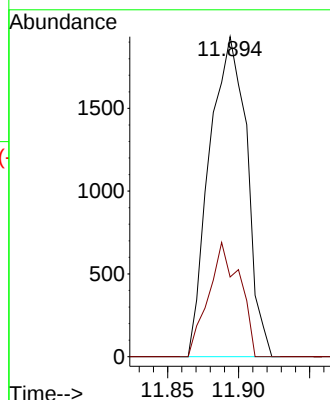
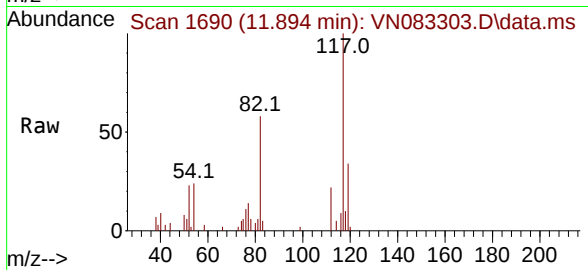
#65
Chlorobenzene
Concen: 0.686 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:112 Resp: 3530
Ion Ratio Lower Upper
112 100
114 24.9 26.2 39.2

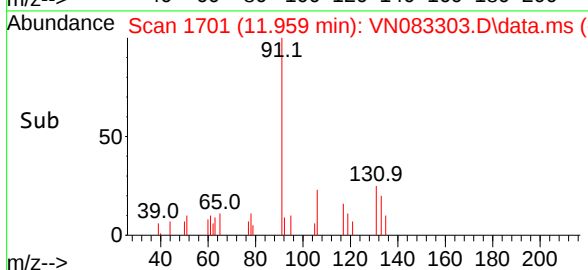
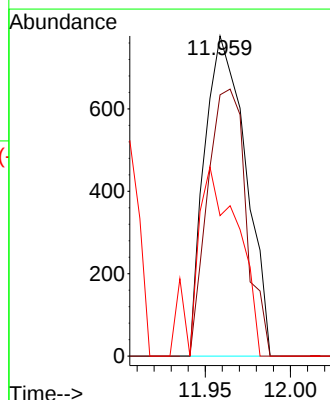
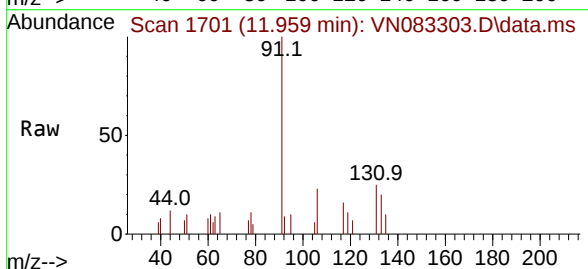
Manual Integrations
APPROVED

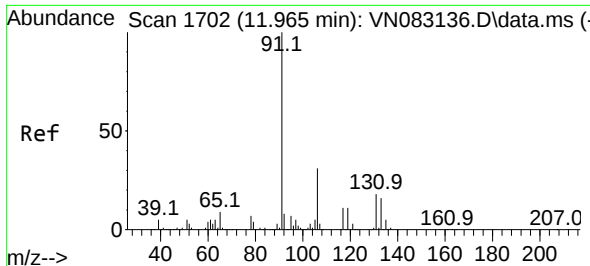
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.719 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

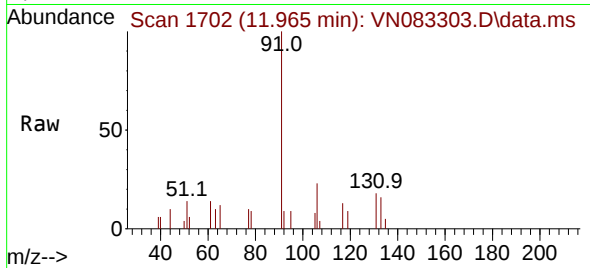
Tgt Ion:131 Resp: 1305
Ion Ratio Lower Upper
131 100
133 78.0 47.3 142.0
119 0.0 32.5 97.4





#67
Ethyl Benzene
Concen: 0.657 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

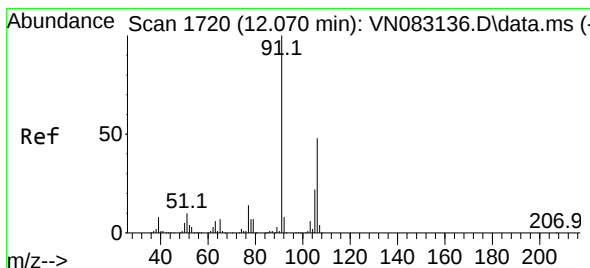
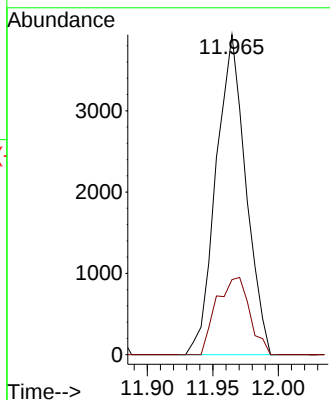
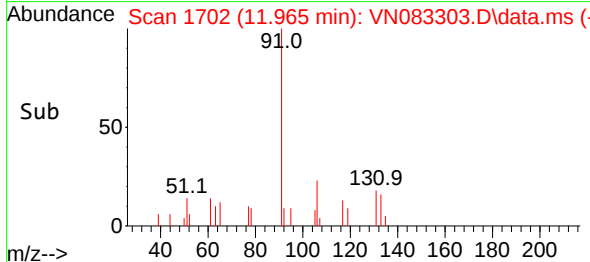
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 91 Resp: 6204
Ion Ratio Lower Upper
91 100
106 23.5 24.0 36.0

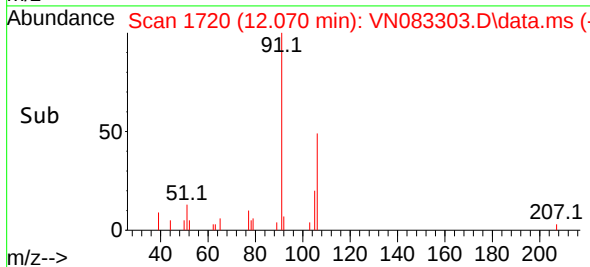
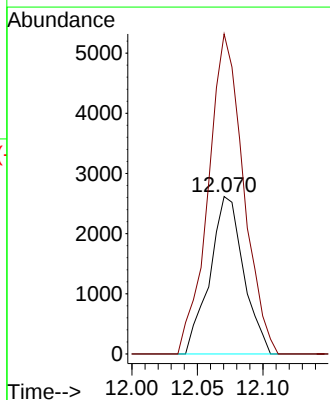
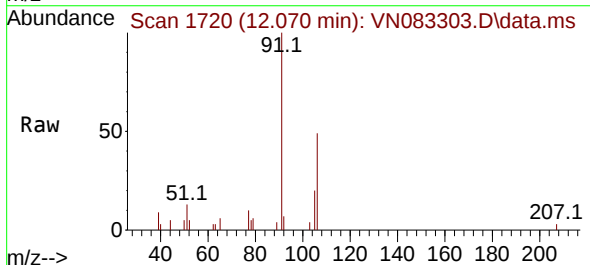
Manual Integrations
APPROVED

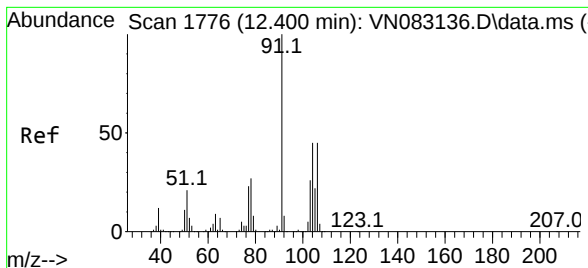
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#68
m/p-Xylenes
Concen: 1.324 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion:106 Resp: 4684
Ion Ratio Lower Upper
106 100
91 212.2 166.1 249.1





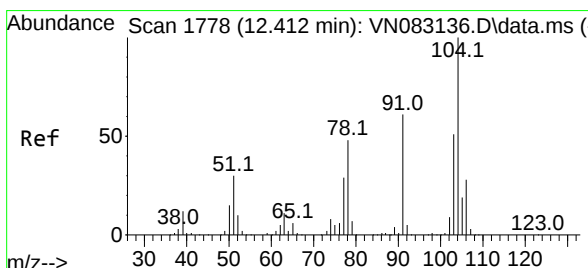
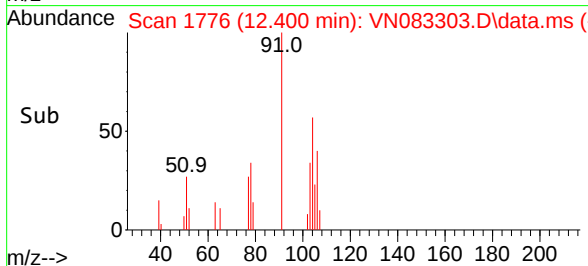
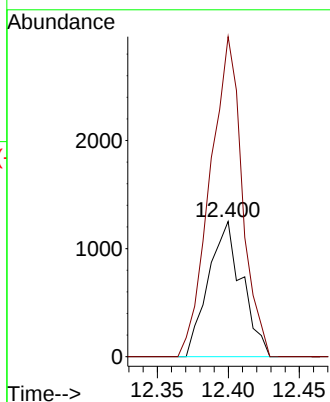
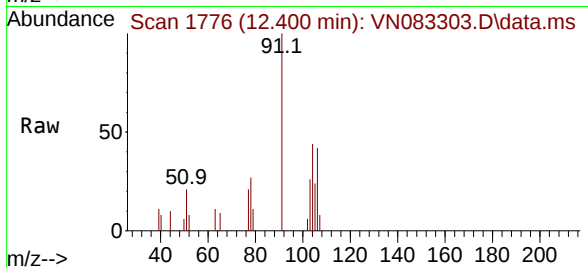
#69
o-Xylene
Concen: 0.591 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:106 Resp: 206
Ion Ratio Lower Upper
106 100
91 226.5 111.3 333.9

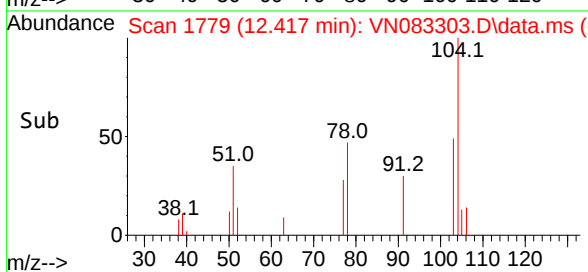
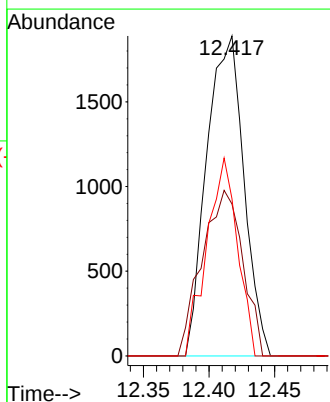
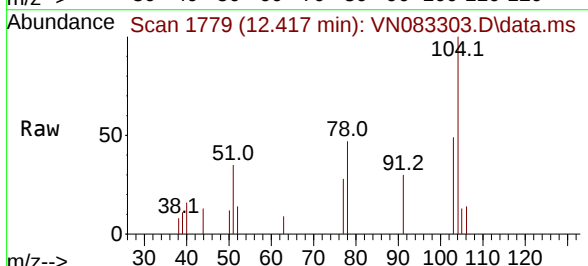
Manual Integrations
APPROVED

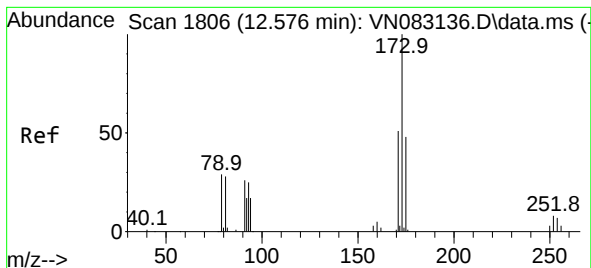
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#70
Styrene
Concen: 0.634 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Tgt Ion:104 Resp: 3716
Ion Ratio Lower Upper
104 100
78 56.8 41.6 62.4
103 51.1 44.0 66.0





#71

Bromoform

Concen: 0.590 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083303.D

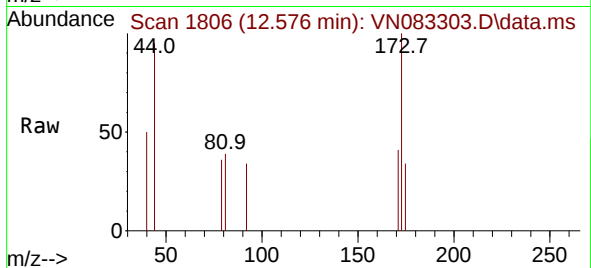
Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

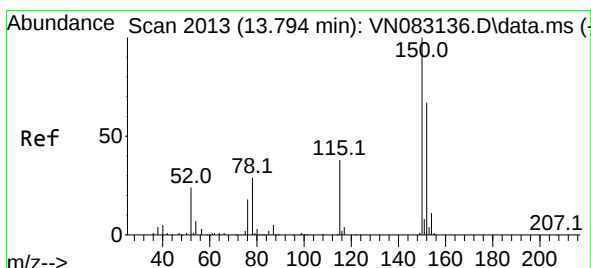
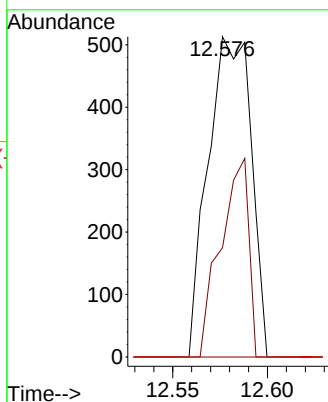
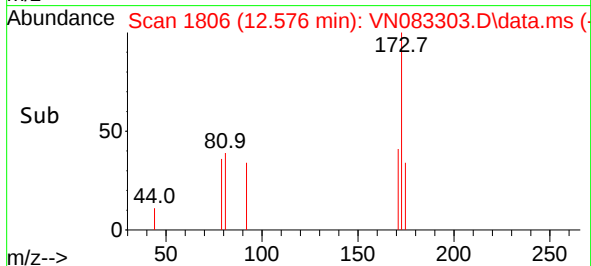
MDL-WATER-03-QT3-2024



Tgt Ion:	173	Resp:	81
Ion Ratio	Lower	Upper	
173	100		
175	40.3	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

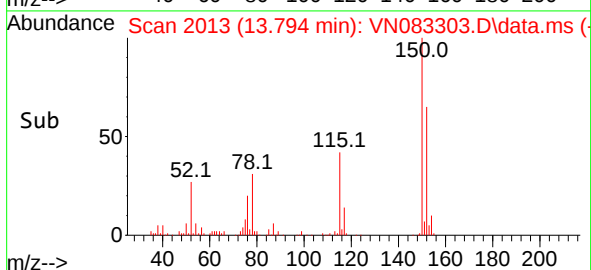
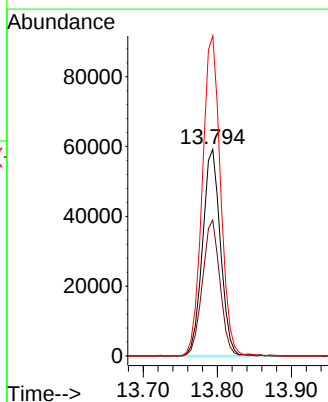
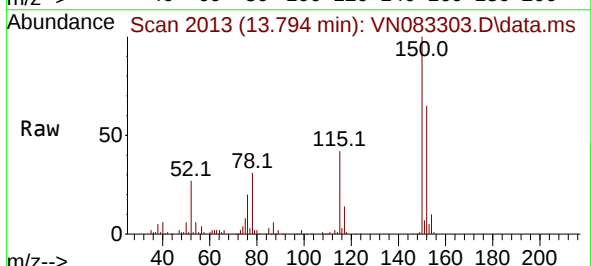
RT: 13.794 min Scan# 1213

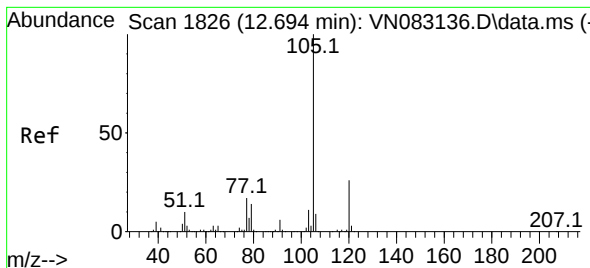
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:	152	Resp:	99419
Ion Ratio	Lower	Upper	
152	100		
115	64.4	30.6	91.6
150	157.1	0.0	348.6





#73

Isopropylbenzene

Concen: 0.652 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

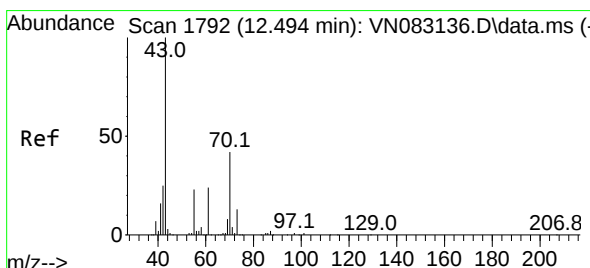
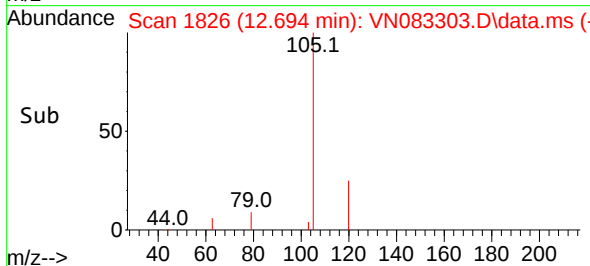
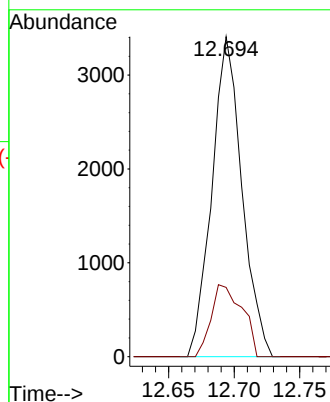
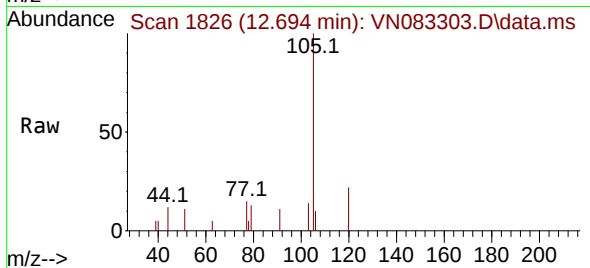
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 5424
 Ion Ratio Lower Upper
 105 100
 120 23.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#74

N-ethyl acetate

Concen: 0.553 ug/l

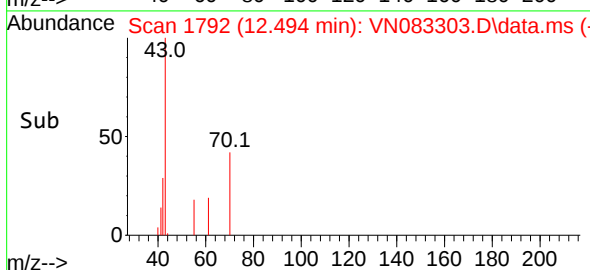
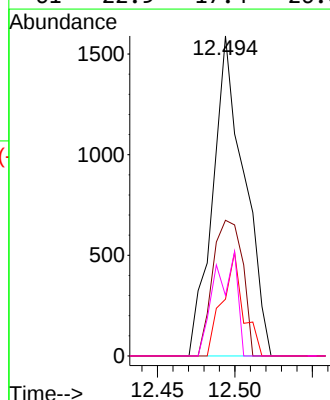
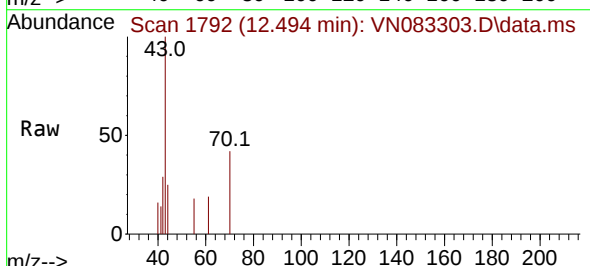
RT: 12.494 min Scan# 1792

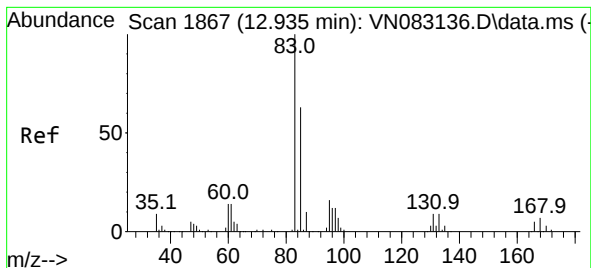
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

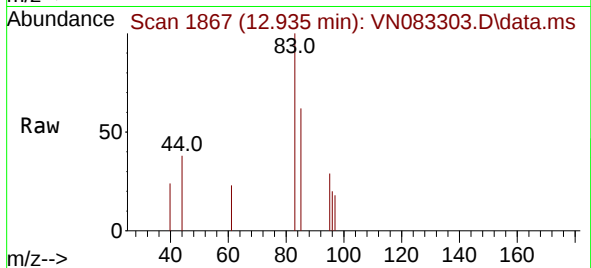
Tgt Ion: 43 Resp: 2249
 Ion Ratio Lower Upper
 43 100
 70 40.1 29.8 44.6
 55 21.4 18.7 28.1
 61 22.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 0.693 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

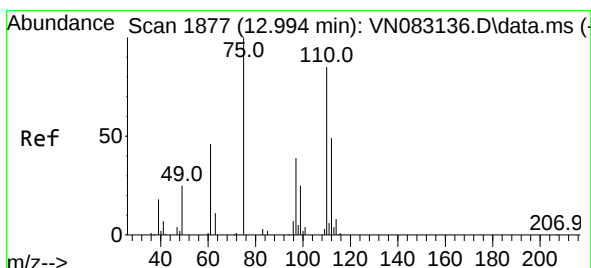
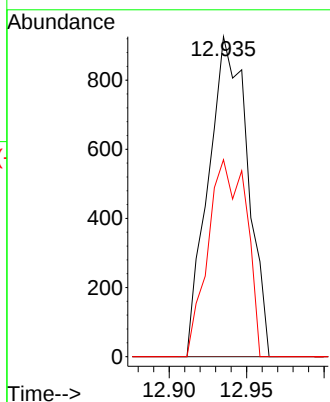
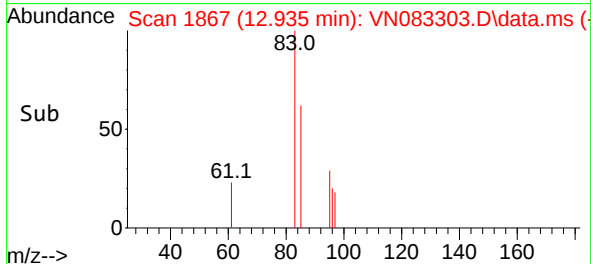
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



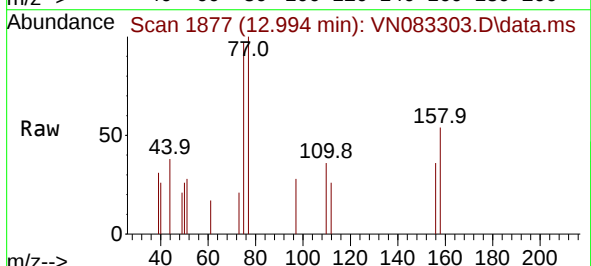
Tgt Ion: 83 Resp: 1630
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9
85 60.0 31.9 95.7

Manual Integrations
APPROVED

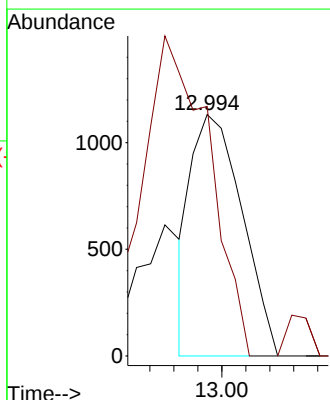
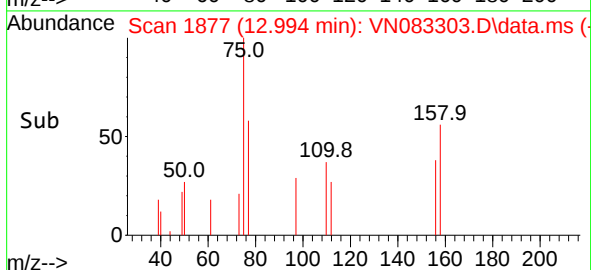
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

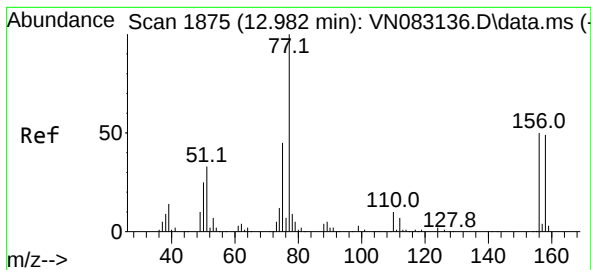


#76
1,2,3-Trichloropropane
Concen: 0.767 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion: 75 Resp: 1674
Ion Ratio Lower Upper
75 100
77 172.1 110.9 332.6





#77

Bromobenzene

Concen: 0.763 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

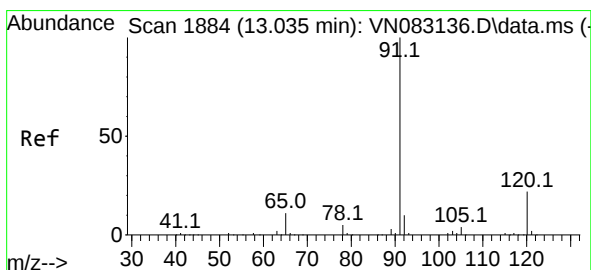
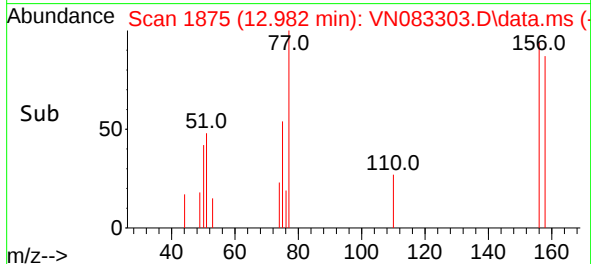
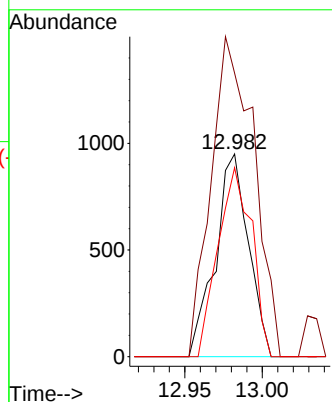
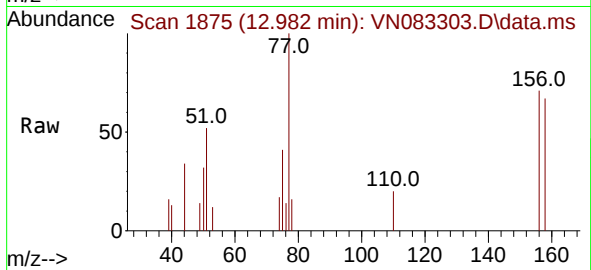
MDL-WATER-03-QT3-2024

Tgt Ion:	156	Resp:	1410
Ion Ratio	Lower	Upper	
156	100		
77	204.3	111.3	333.8
158	95.0	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#78

n-propylbenzene

Concen: 0.679 ug/l

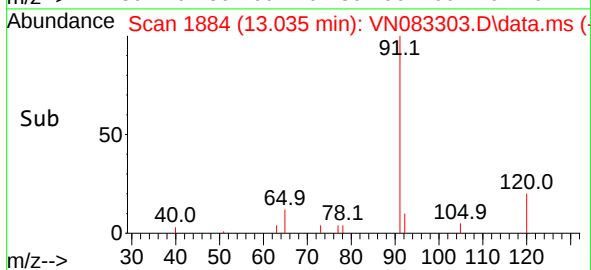
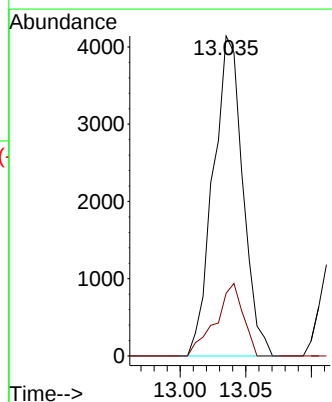
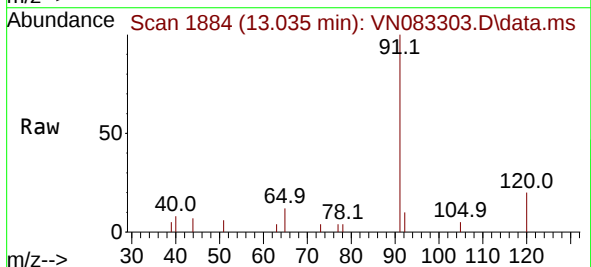
RT: 13.035 min Scan# 1884

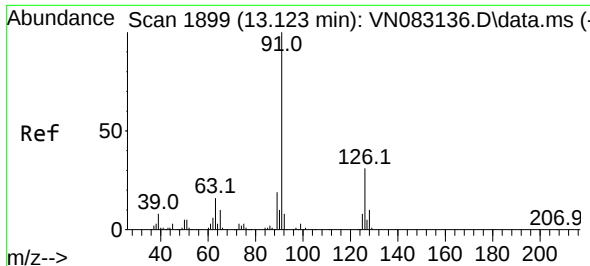
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

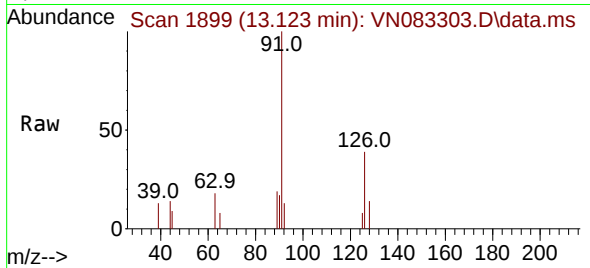
Tgt Ion:	91	Resp:	6502
Ion Ratio	Lower	Upper	
91	100		
120	21.1	10.9	32.9





#79
2-Chlorotoluene
Concen: 0.704 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

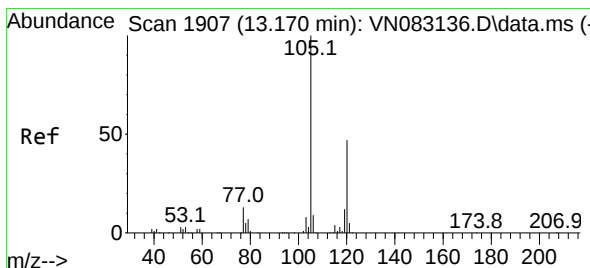
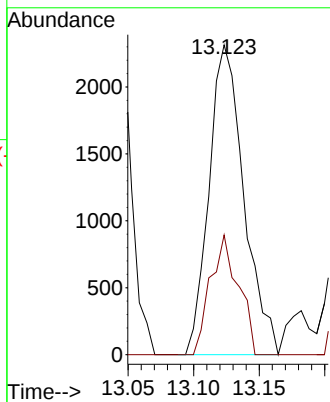
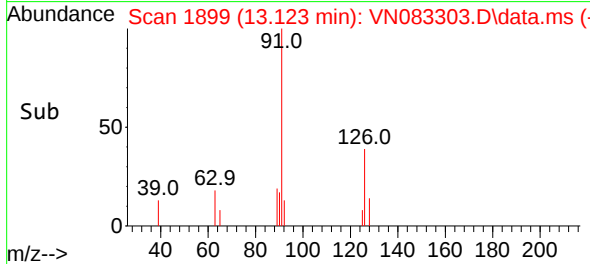
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



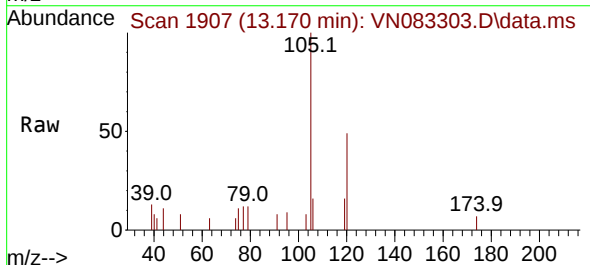
Tgt Ion: 91 Resp: 4275
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.6

Manual Integrations
APPROVED

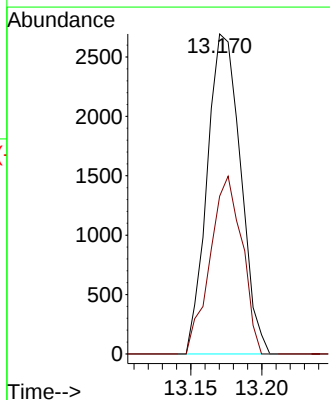
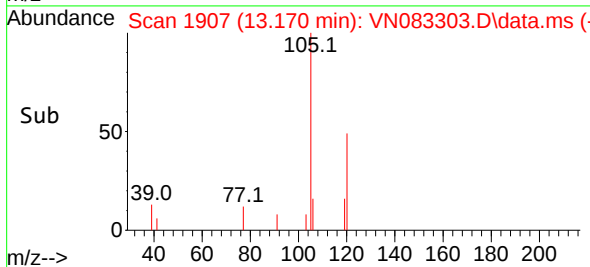
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

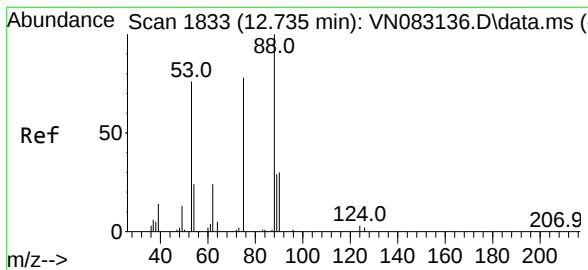


#80
1,3,5-Trimethylbenzene
Concen: 0.634 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



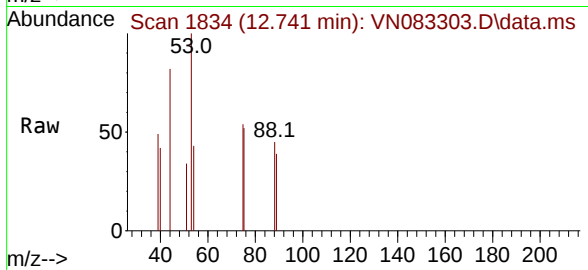
Tgt Ion:105 Resp: 4416
Ion Ratio Lower Upper
105 100
120 53.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 0.477 ug/l m
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

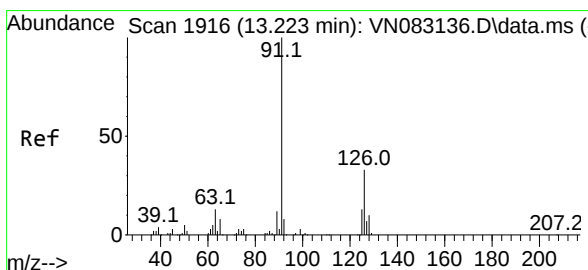
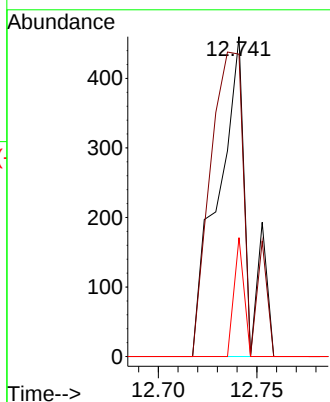
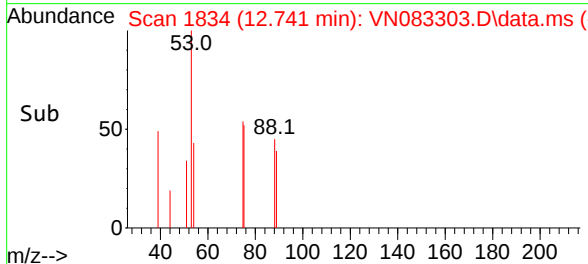
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 75 Resp: 478
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6
89 0.0 36.3 54.5

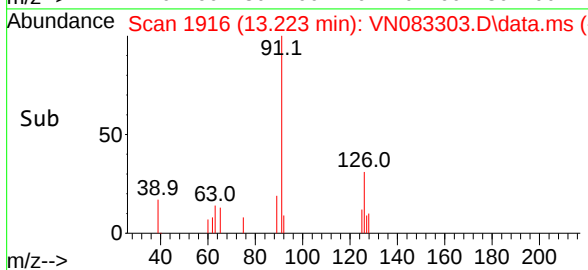
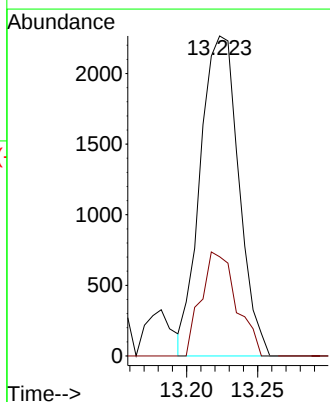
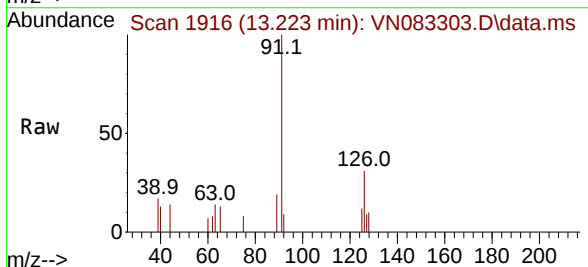
Manual Integrations
APPROVED

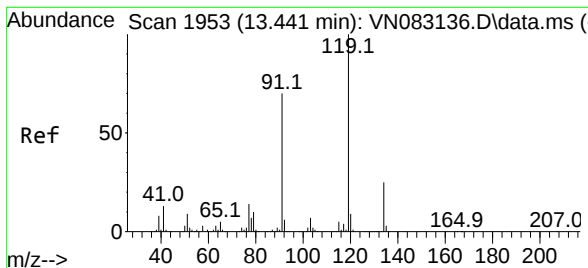
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#82
4-Chlorotoluene
Concen: 0.702 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

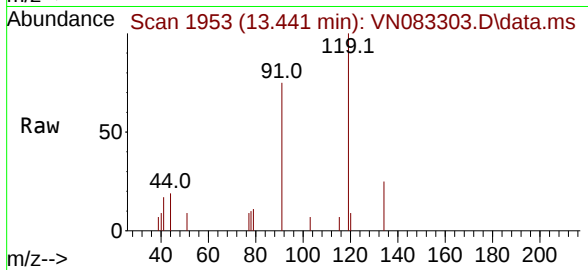
Tgt Ion: 91 Resp: 4276
Ion Ratio Lower Upper
91 100
126 29.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 0.688 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

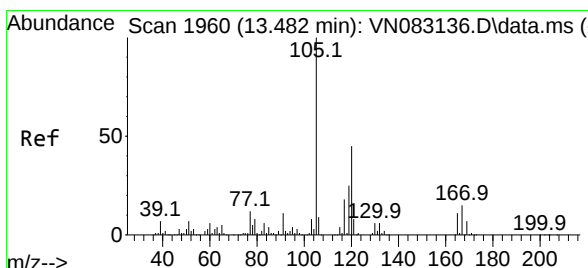
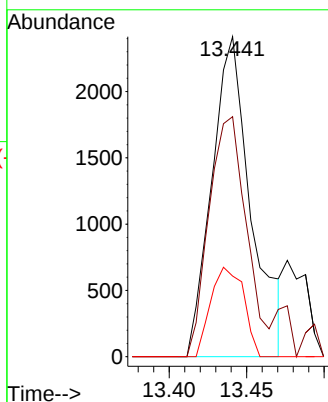
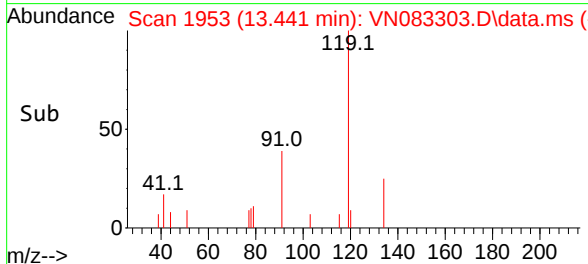
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



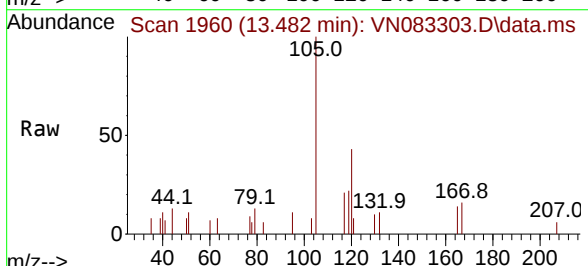
Tgt Ion:119 Resp: 424
Ion Ratio Lower Upper
119 100
91 71.9 35.0 105.1
134 23.5 13.3 39.8

Manual Integrations
APPROVED

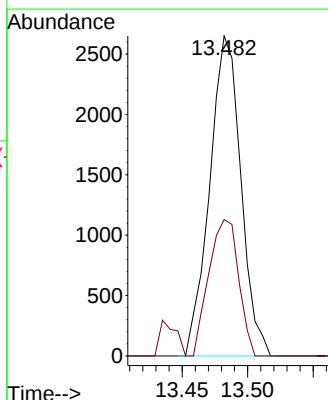
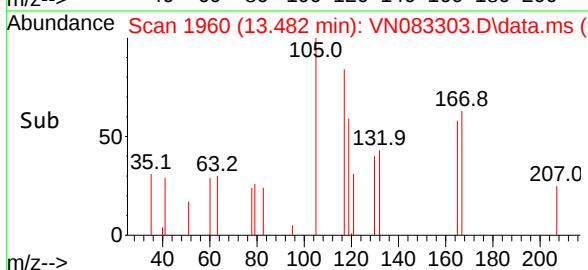
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

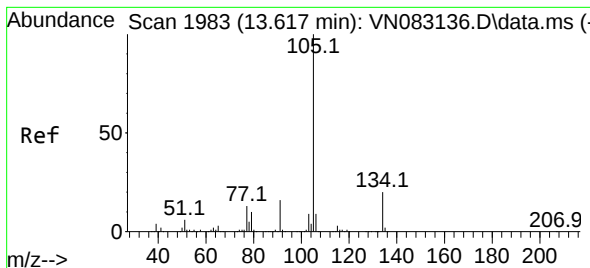


#84
1,2,4-Trimethylbenzene
Concen: 0.625 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion:105 Resp: 4388
Ion Ratio Lower Upper
105 100
120 40.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.655 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

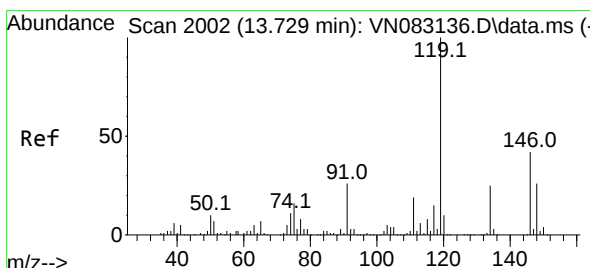
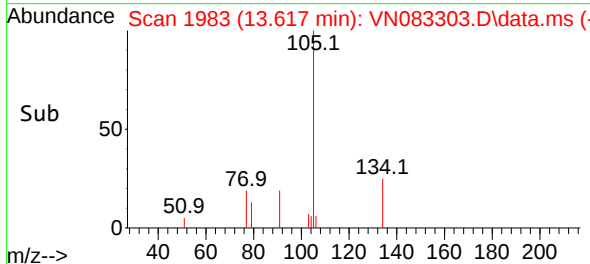
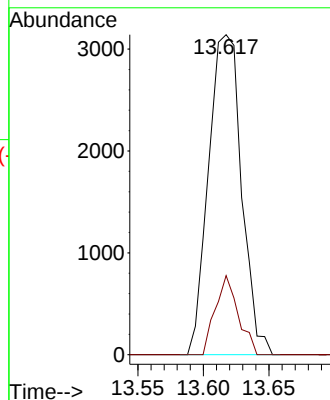
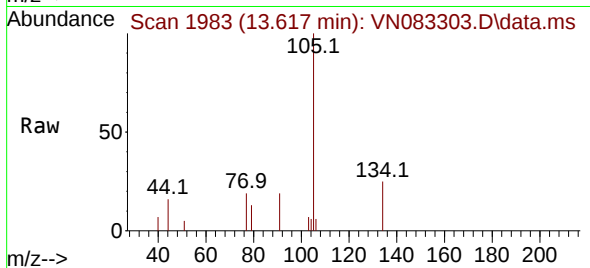
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 5509
 Ion Ratio Lower Upper
 105 100
 134 17.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#86

p-Isopropyltoluene

Concen: 0.627 ug/l

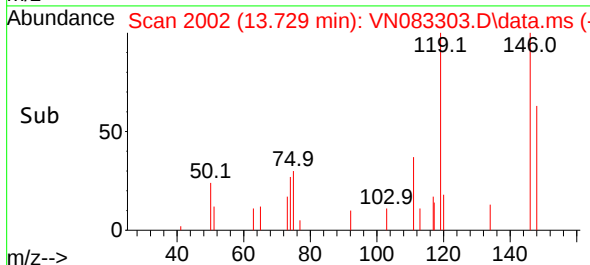
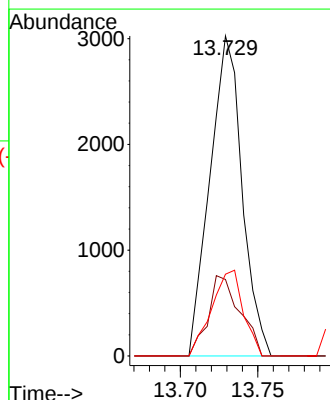
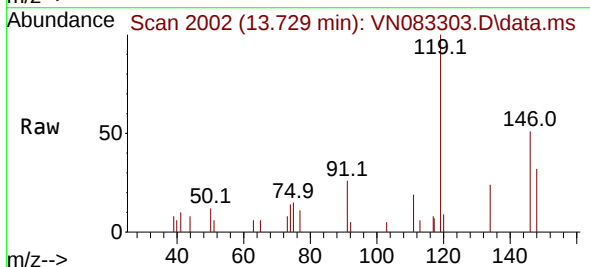
RT: 13.729 min Scan# 2002

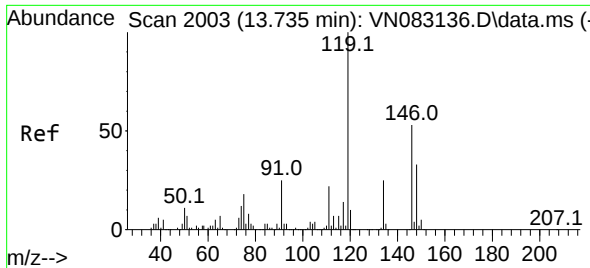
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

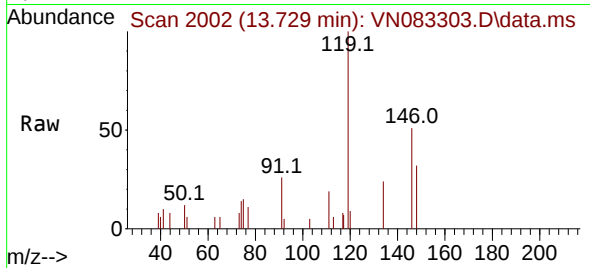
Tgt Ion:119 Resp: 4358
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.0 39.0
 91 26.4 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 0.683 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

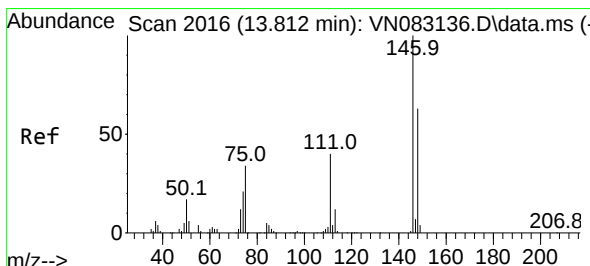
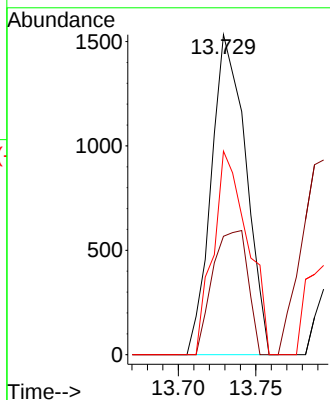
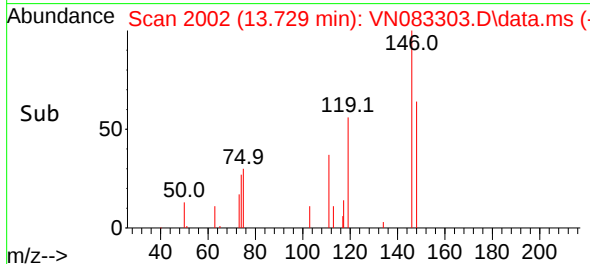
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



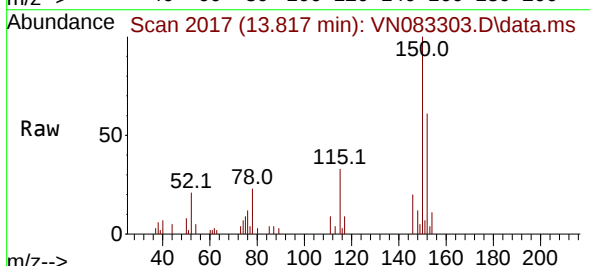
Tgt Ion:146 Resp: 2374
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.9
148 63.2 31.8 95.3

Manual Integrations
APPROVED

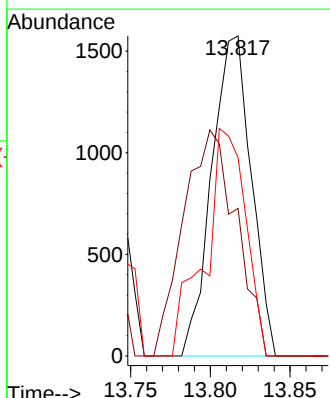
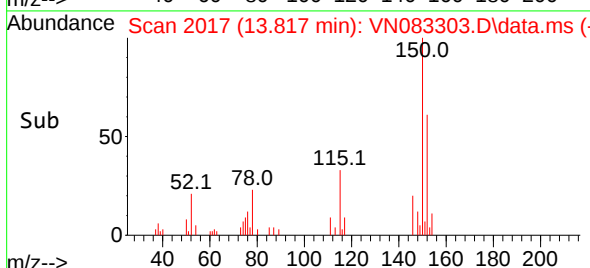
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

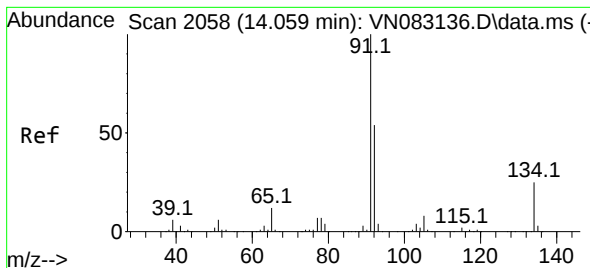


#88
1,4-Dichlorobenzene
Concen: 0.774 ug/l m
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion:146 Resp: 2713
Ion Ratio Lower Upper
146 100
111 34.6 20.1 60.3
148 55.3 32.2 96.6





#89

n-Butylbenzene

Concen: 0.549 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Instrument :

MSVOA_N

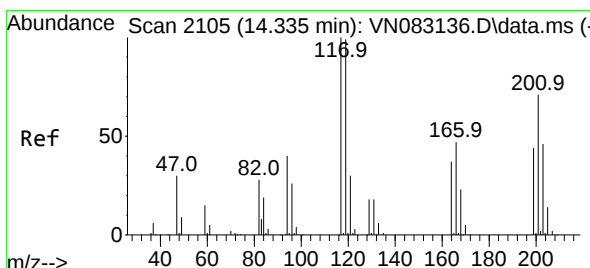
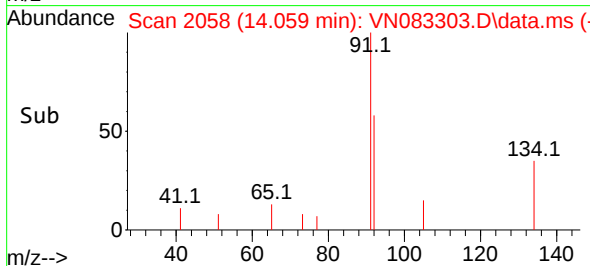
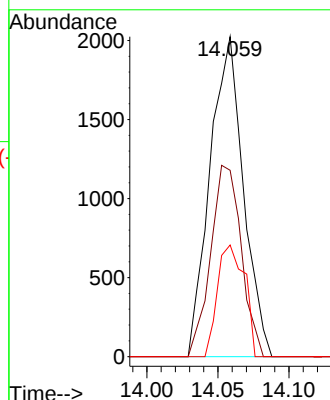
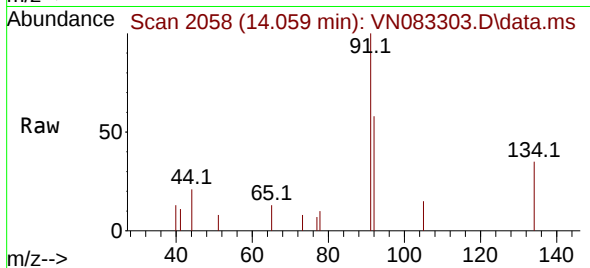
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:	91	Resp:	330
Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.1	78.3
134	28.2	12.1	36.3

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Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#90

Hexachloroethane

Concen: 0.509 ug/l

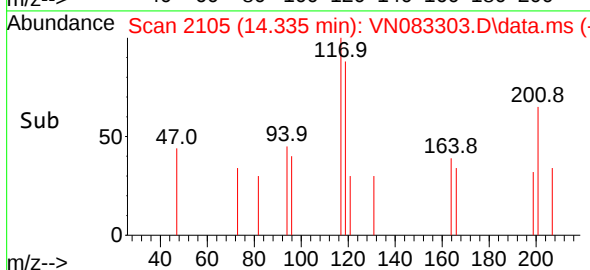
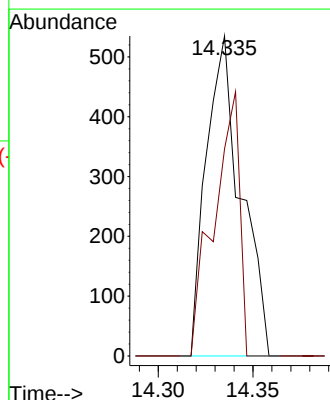
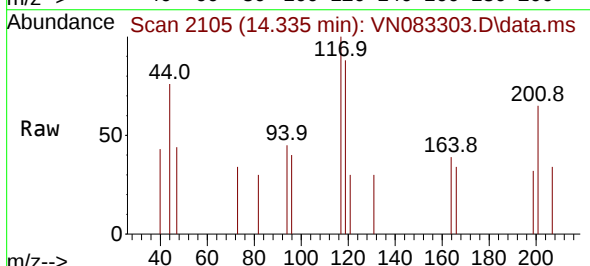
RT: 14.335 min Scan# 2105

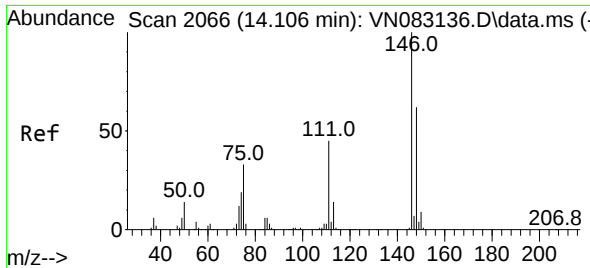
Delta R.T. -0.000 min

Lab File: VN083303.D

Acq: 14 Aug 2024 16:04

Tgt Ion:	117	Resp:	683
Ion	Ratio	Lower	Upper
117	100		
201	61.3	35.8	107.3





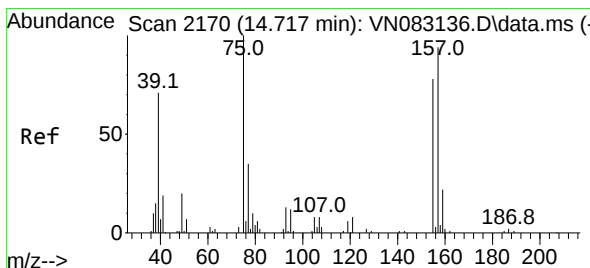
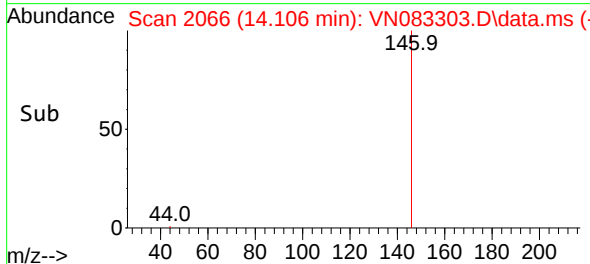
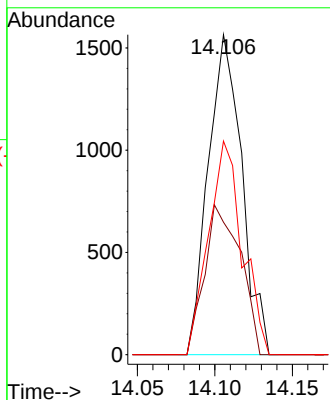
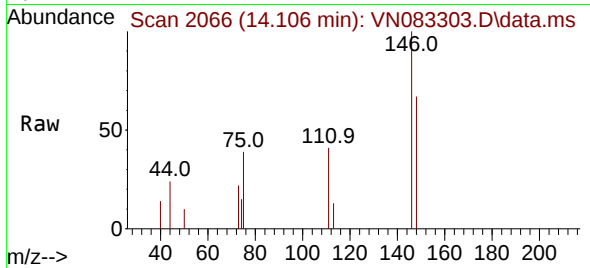
#91
1,2-Dichlorobenzene
Concen: 0.702 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:146 Resp: 2360
Ion Ratio Lower Upper
146 100
111 50.0 21.4 64.2
148 67.3 32.1 96.5

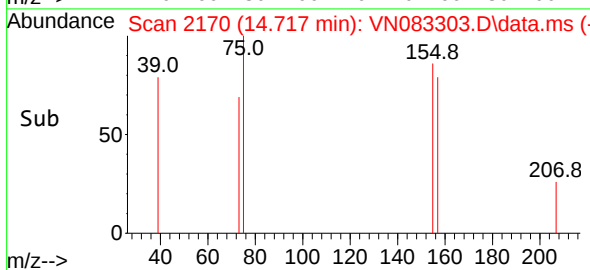
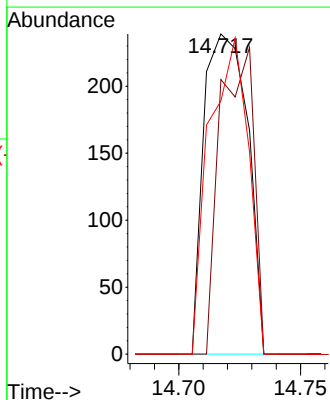
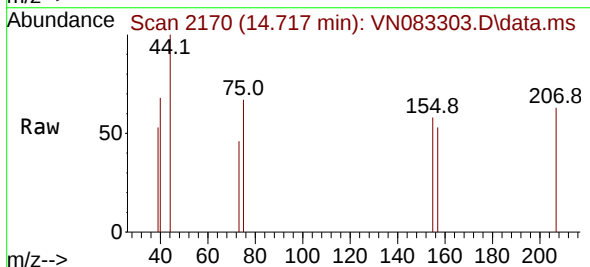
Manual Integrations
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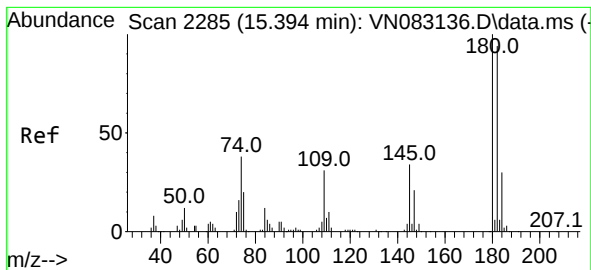
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.522 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

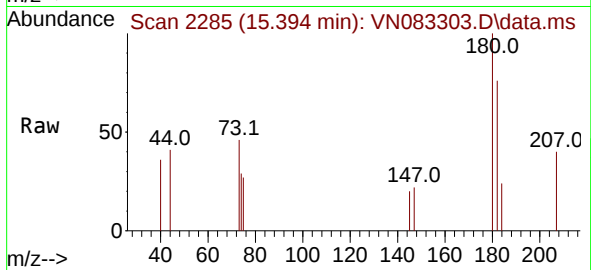
Tgt Ion: 75 Resp: 298
Ion Ratio Lower Upper
75 100
155 74.2 36.6 109.8
157 88.6 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 0.508 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

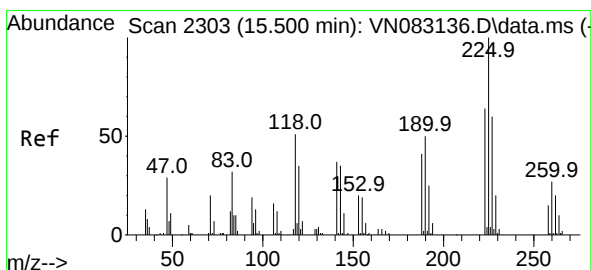
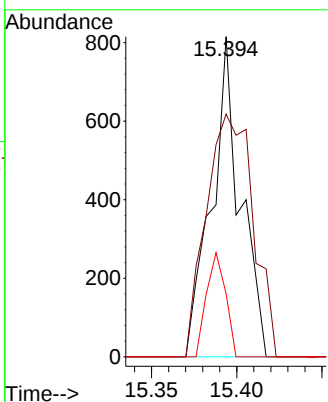
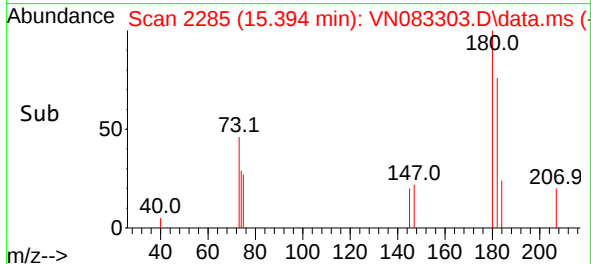
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



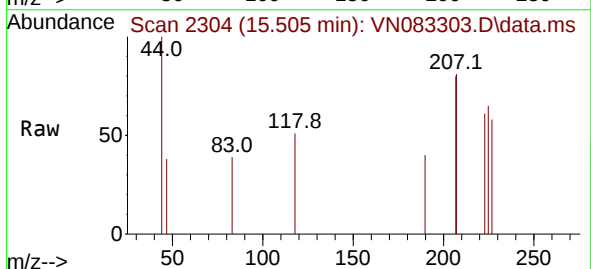
Tgt Ion:180 Resp: 958
Ion Ratio Lower Upper
180 100
182 123.4 47.3 141.8
145 21.5 15.7 47.1

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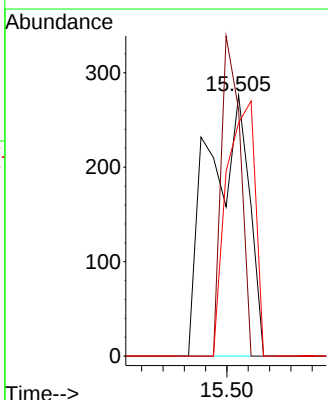
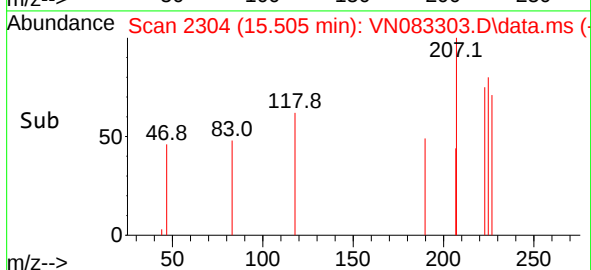
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

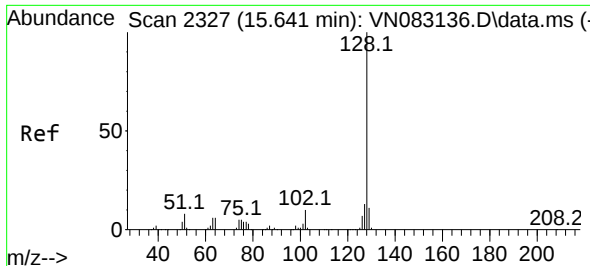


#94
Hexachlorobutadiene
Concen: 0.436 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



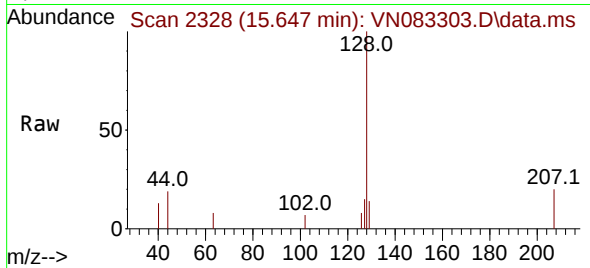
Tgt Ion:225 Resp: 365
Ion Ratio Lower Upper
225 100
223 58.1 31.9 95.7
227 69.0 32.5 97.5





#95
Naphthalene
Concen: 0.606 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04

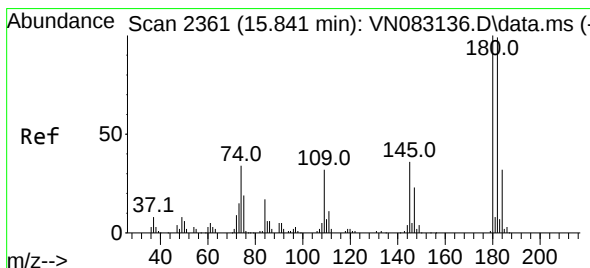
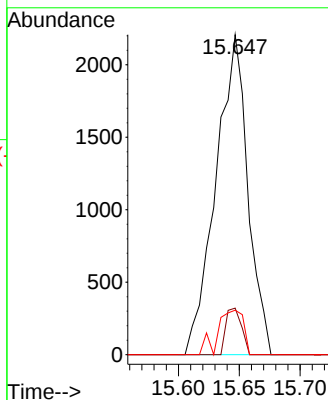
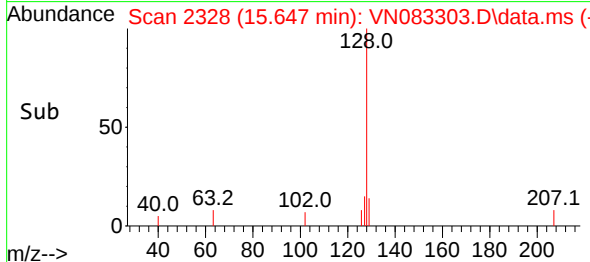
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



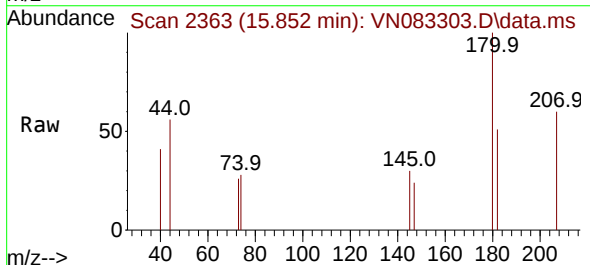
Tgt Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
127 7.1 10.6 16.0
129 11.2 8.6 12.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.539 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN083303.D
Acq: 14 Aug 2024 16:04



Tgt Ion:180 Resp: 1005
Ion Ratio Lower Upper
180 100
182 83.9 48.9 146.8
145 38.1 16.8 50.4

