

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083302.D
 Acq On : 14 Aug 2024 15:40
 Operator : JC\MD
 Sample : P3390-09 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 15 00:53:50 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	8.229	168	154961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126676	57.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.860%			
35) Dibromofluoromethane	8.171	113	91194	53.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	10.570	98	330749	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.847	95	120109	48.039	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	986	0.561	ug/l	87
3) Chloromethane	2.359	50	1092	0.607	ug/l #	61
4) Vinyl Chloride	2.512	62	1001	0.545	ug/l #	63
5) Bromomethane	2.959	94	1043	0.916	ug/l #	72
6) Chloroethane	3.130	64	919	0.800	ug/l #	41
7) Trichlorofluoromethane	3.494	101	1532	0.505	ug/l	95
8) Diethyl Ether	3.971	74	231m	0.205	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	905	0.541	ug/l #	48
10) Methyl Iodide	4.583	142	689	0.313	ug/l #	88
11) Tert butyl alcohol	5.547	59	1235m	2.694	ug/l	
12) 1,1-Dichloroethene	4.330	96	704	0.410	ug/l	90
13) Acrolein	4.189	56	604	2.022	ug/l	87
14) Allyl chloride	5.018	41	1699	0.523	ug/l #	73
15) Acrylonitrile	5.730	53	2178	2.310	ug/l #	51
16) Acetone	4.441	43	3277m	3.797	ug/l	
17) Carbon Disulfide	4.718	76	2947	0.586	ug/l #	75
18) Methyl Acetate	5.036	43	1458m	0.567	ug/l	
19) Methyl tert-butyl Ether	5.800	73	3585m	0.578	ug/l	
20) Methylene Chloride	5.283	84	1647	0.829	ug/l #	66
21) trans-1,2-Dichloroethene	5.783	96	783	0.441	ug/l #	64
22) Diisopropyl ether	6.677	45	2616	0.429	ug/l #	63
23) Vinyl Acetate	6.612	43	13733	2.196	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	1541	0.463	ug/l #	83
25) 2-Butanone	7.488	43	3623	2.734	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	1706	0.552	ug/l #	63
27) cis-1,2-Dichloroethene	7.500	96	1231	0.575	ug/l	85
28) Bromochloromethane	7.806	49	573	0.422	ug/l #	76
29) Tetrahydrofuran	7.847	42	2020	2.358	ug/l	96
30) Chloroform	7.977	83	1770	0.512	ug/l #	83
31) Cyclohexane	8.229	56	5277	1.614	ug/l #	1
32) 1,1,1-Trichloroethane	8.177	97	1638	0.501	ug/l #	53
36) 1,1-Dichloropropene	8.371	75	1461	0.562	ug/l #	72
37) Ethyl Acetate	7.565	43	1386	0.476	ug/l #	72
38) Carbon Tetrachloride	8.365	117	1474	0.503	ug/l #	72
39) Methylcyclohexane	9.606	83	1514	0.474	ug/l #	80
40) Benzene	8.600	78	3654	0.472	ug/l #	84

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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)
41) Methacrylonitrile	7.777	41	676m	0.408	ug/l	
42) 1,2-Dichloroethane	8.677	62	1734	0.614	ug/l #	78
43) Isopropyl Acetate	8.688	43	4233m	0.634	ug/l	
44) Trichloroethene	9.347	130	983	0.533	ug/l	84
45) 1,2-Dichloropropane	9.635	63	809	0.440	ug/l #	44
46) Dibromomethane	9.712	93	593	0.450	ug/l	83
47) Bromodichloromethane	9.894	83	1495	0.506	ug/l #	82
48) Methyl methacrylate	9.688	41	1118	0.464	ug/l #	83
49) 1,4-Dioxane	9.700	88	366	8.427	ug/l #	57
51) 4-Methyl-2-Pentanone	10.447	43	6654	2.416	ug/l	93
52) Toluene	10.635	92	2482	0.507	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	1231	0.405	ug/l #	71
54) cis-1,3-Dichloropropene	10.312	75	1532	0.474	ug/l #	71
55) 1,1,2-Trichloroethane	11.012	97	939	0.535	ug/l #	59
56) Ethyl methacrylate	10.876	69	1489	0.450	ug/l	99
57) 1,3-Dichloropropane	11.159	76	1724	0.551	ug/l #	87
58) 2-Chloroethyl Vinyl ether	10.159	63	2788	1.994	ug/l	97
59) 2-Hexanone	11.194	43	4890	2.295	ug/l	97
60) Dibromochloromethane	11.365	129	1074	0.506	ug/l	93
61) 1,2-Dibromoethane	11.470	107	991	0.538	ug/l	96
64) Tetrachloroethene	11.106	164	895	0.579	ug/l #	77
65) Chlorobenzene	11.894	112	2849	0.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	857	0.471	ug/l #	54
67) Ethyl Benzene	11.959	91	4486	0.474	ug/l	91
68) m/p-Xylenes	12.070	106	3570	1.007	ug/l	89
69) o-Xylene	12.400	106	1454	0.416	ug/l	98
70) Styrene	12.412	104	2437	0.415	ug/l	96
71) Bromoform	12.588	173	528	0.383	ug/l #	87
73) Isopropylbenzene	12.694	105	3679	0.447	ug/l	97
74) N-amyl acetate	12.494	43	1803	0.448	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	1081	0.465	ug/l #	91
76) 1,2,3-Trichloropropane	12.982	75	1235m	0.572	ug/l	
77) Bromobenzene	12.976	156	1015	0.556	ug/l	90
78) n-propylbenzene	13.041	91	5185	0.548	ug/l	91
79) 2-Chlorotoluene	13.129	91	3234	0.539	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	3493	0.507	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.729	75	321m	0.324	ug/l	
82) 4-Chlorotoluene	13.217	91	3168	0.526	ug/l	94
83) tert-Butylbenzene	13.435	119	2790	0.458	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	3099	0.447	ug/l	90
85) sec-Butylbenzene	13.617	105	3656	0.439	ug/l	95
86) p-Isopropyltoluene	13.729	119	2978	0.433	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	1789	0.520	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	1741m	0.502	ug/l	
89) n-Butylbenzene	14.053	91	2395	0.402	ug/l	98
90) Hexachloroethane	14.335	117	467	0.352	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	1687	0.507	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	1104	0.592	ug/l	79
94) Hexachlorobutadiene	15.505	225	485	0.585	ug/l #	64
95) Naphthalene	15.647	128	3116	0.472	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.841	180	981	0.532	ug/l #	78

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MDL-WATER-03-QT3-2024

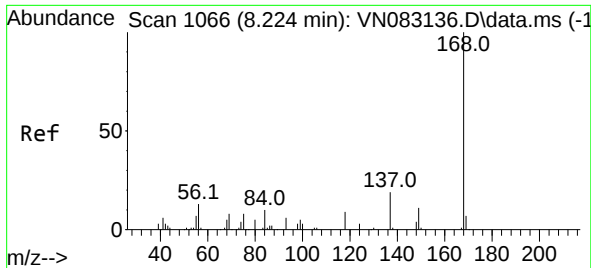
Manual Integrations
APPROVED

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

Quant Time: Aug 15 00:53:50 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

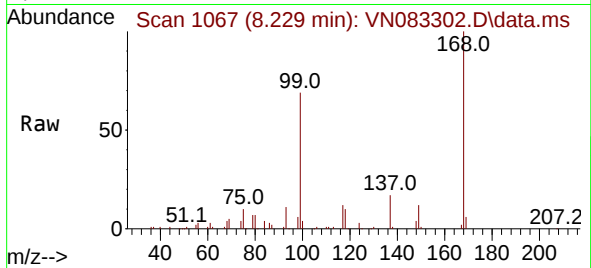
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083302.D
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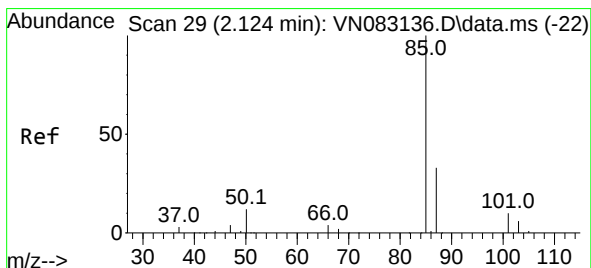
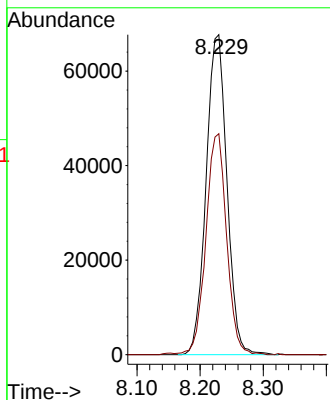
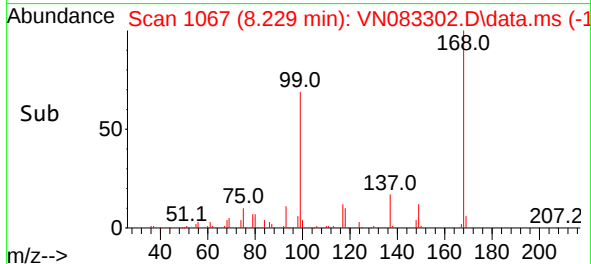
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 15496
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4

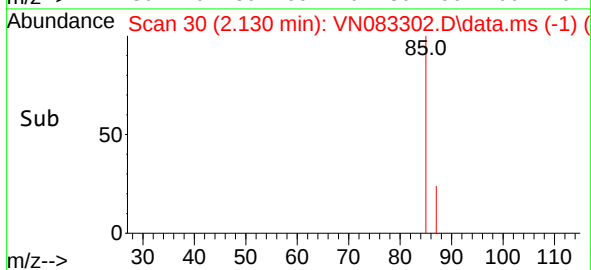
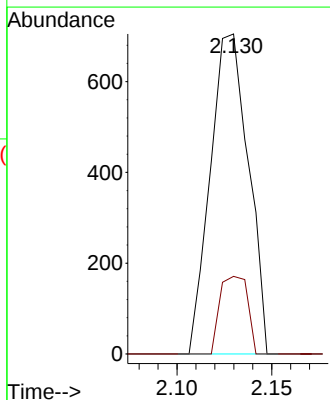
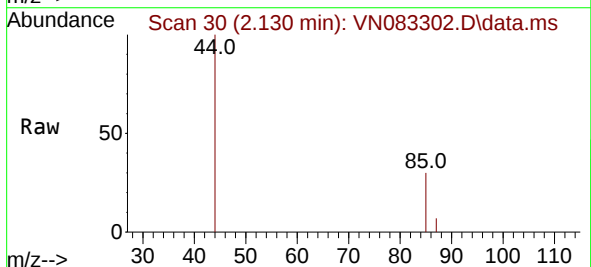
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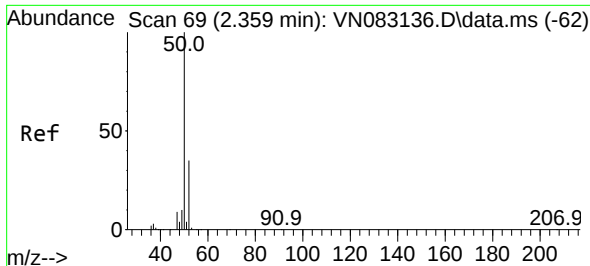
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#2
Dichlorodifluoromethane
Concen: 0.561 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

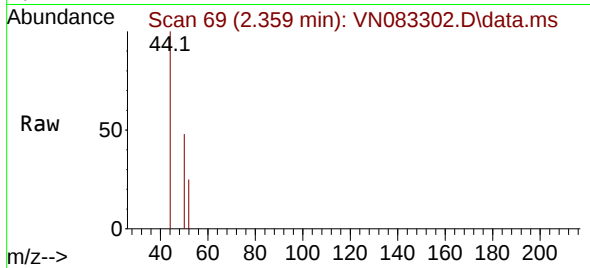
Tgt Ion: 85 Resp: 986
Ion Ratio Lower Upper
85 100
87 24.3 15.7 47.0





#3
Chloromethane
Concen: 0.607 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

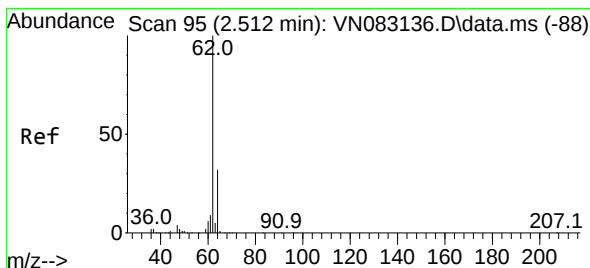
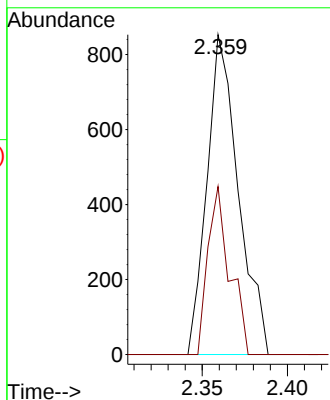
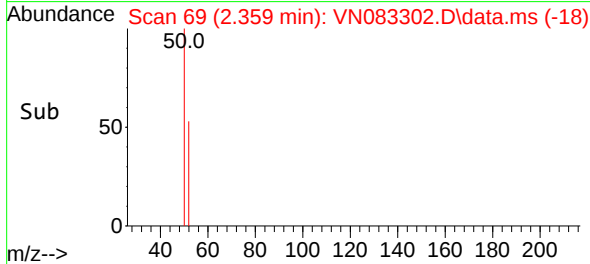
Instrument : MSVOA_N
Client Sample Id : MDL-WATER-03-QT3-2024



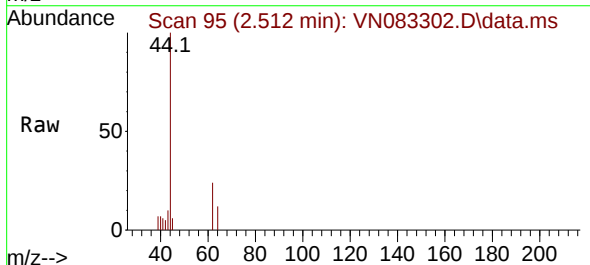
Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 52.5 25.0 37.4

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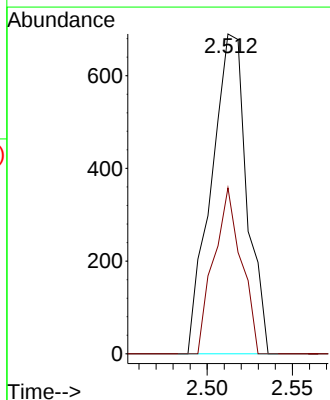
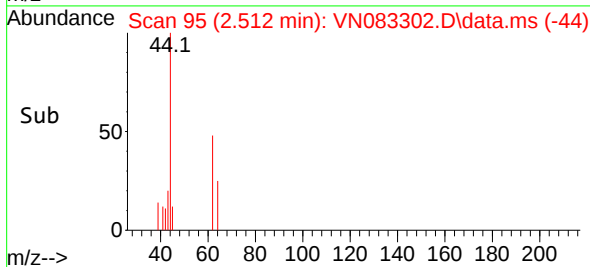
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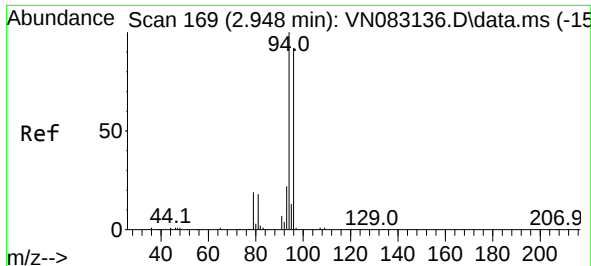


#4
Vinyl Chloride
Concen: 0.545 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



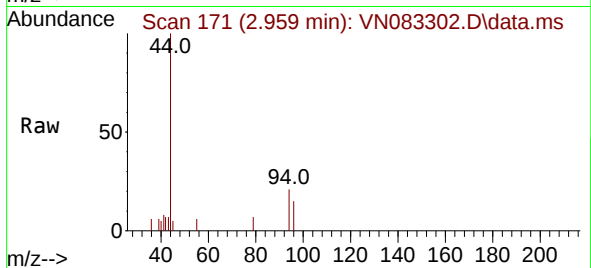
Tgt Ion: 62 Resp: 1001
Ion Ratio Lower Upper
62 100
64 51.9 25.0 37.6





#5
Bromomethane
Concen: 0.916 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

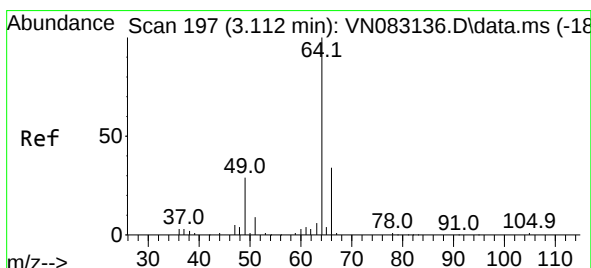
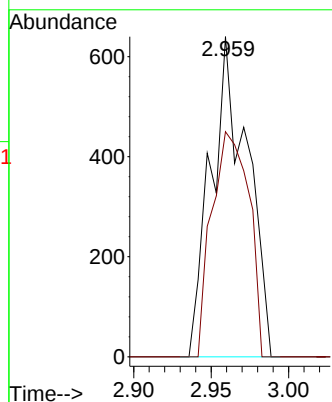
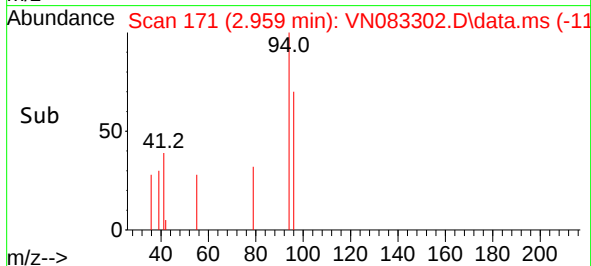
Instrument :
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Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 70.3 78.0 117.0

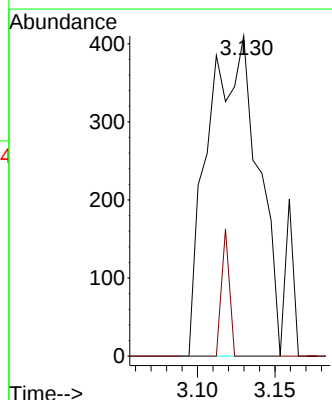
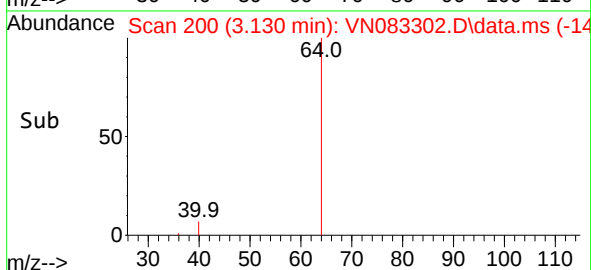
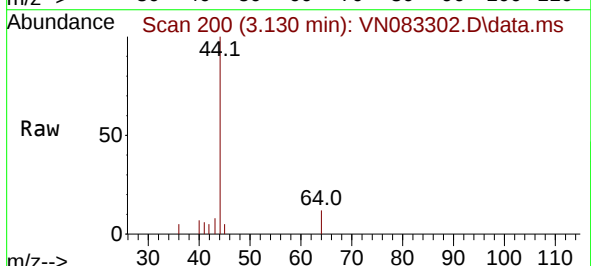
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#6
Chloroethane
Concen: 0.800 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

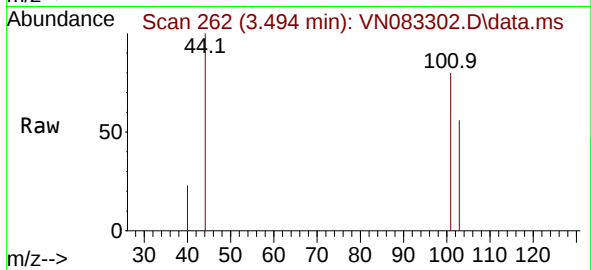
Tgt Ion: 64 Resp: 919
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0





#7
Trichlorofluoromethane
Concen: 0.505 ug/l
RT: 3.494 min Scan# 201
Delta R.T. -0.001 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

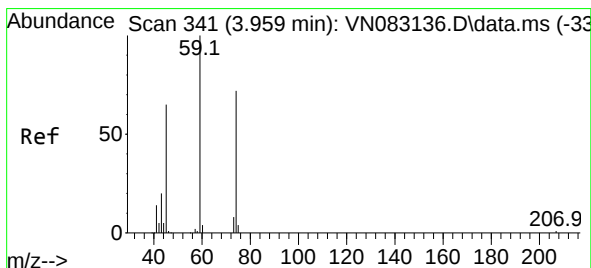
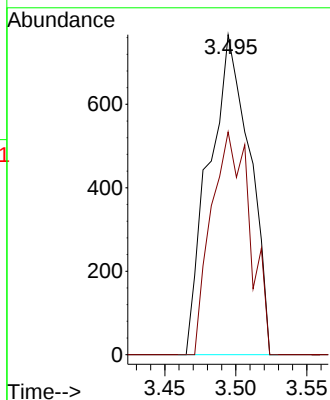
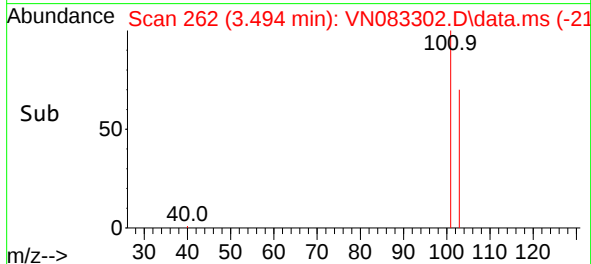
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:101 Resp: 153
Ion Ratio Lower Upper
101 100
103 69.6 52.7 79.1

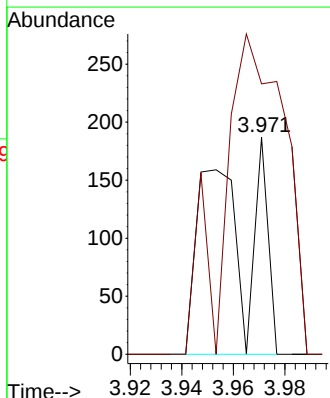
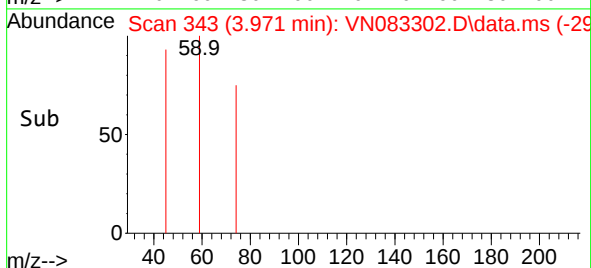
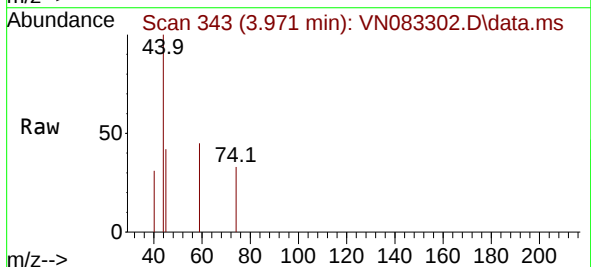
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Supervised By :Semsettin Yesilyurt 08/15/2024



#8
Diethyl Ether
Concen: 0.205 ug/l m
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

Tgt Ion: 74 Resp: 231
Ion Ratio Lower Upper
74 100
45 196.5 55.5 166.3#





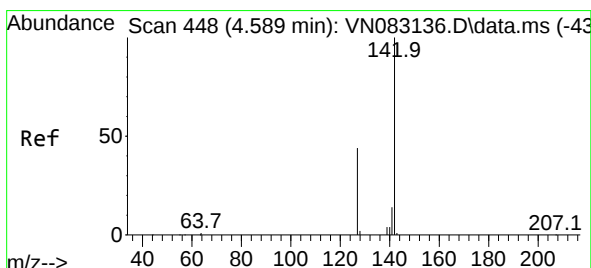
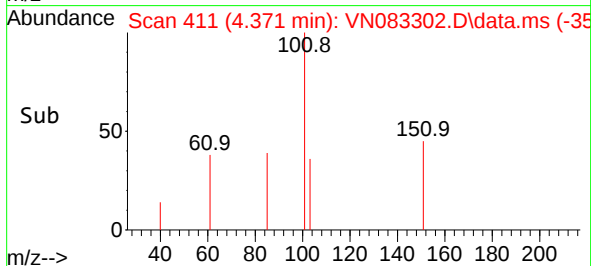
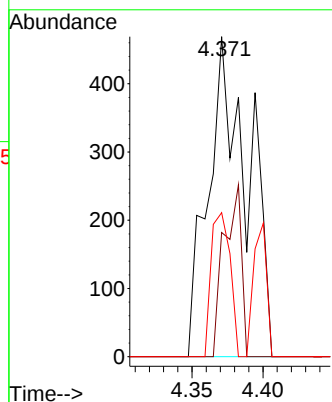
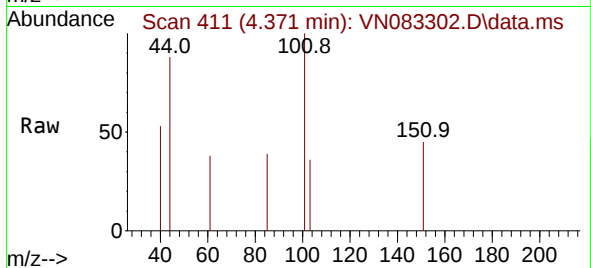
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.541 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

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

Tgt Ion:101 Resp: 90
Ion Ratio Lower Upper
101 100
85 23.6 38.3 57.5
151 21.7 59.3 88.9

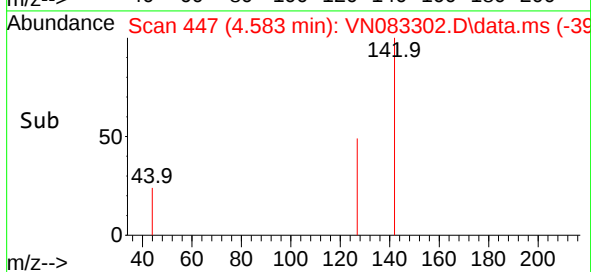
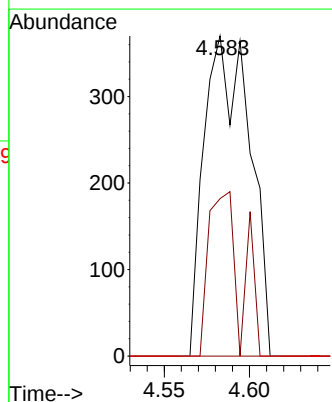
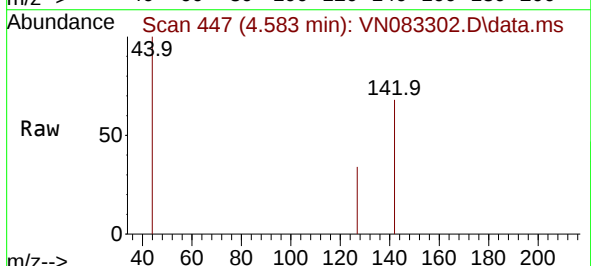
Manual Integrations
APPROVED

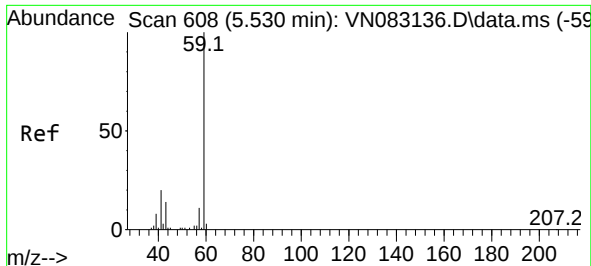
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#10
Methyl Iodide
Concen: 0.313 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

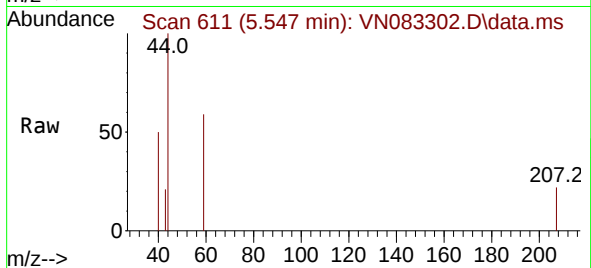
Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 0.0 13.1 19.7





#11
Tert butyl alcohol
Concen: 2.694 ug/l m
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

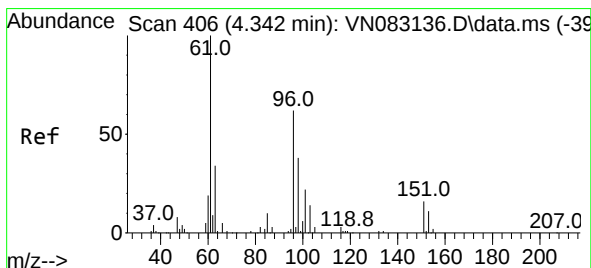
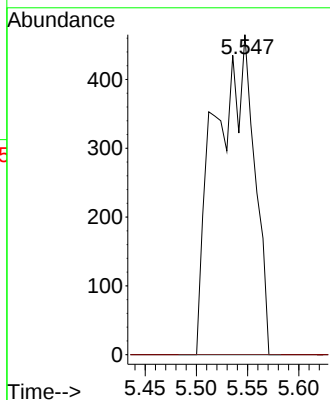
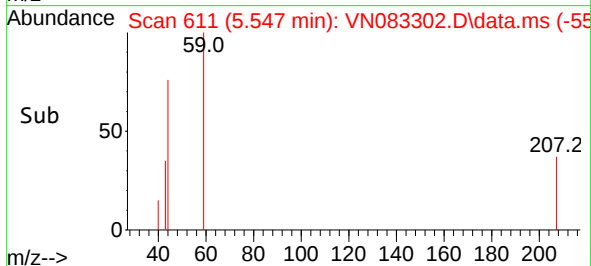
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



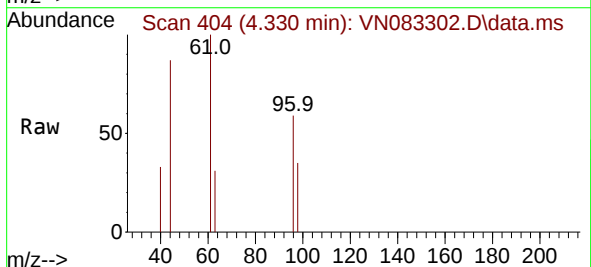
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

Manual Integrations
APPROVED

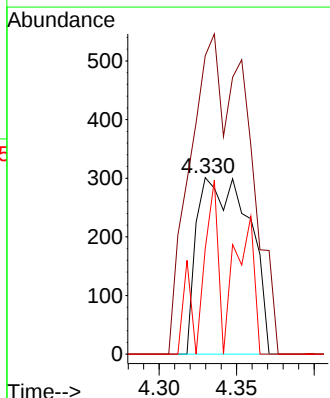
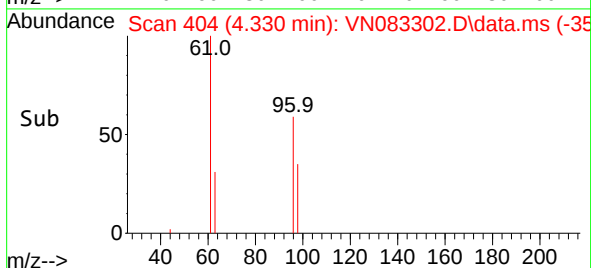
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#12
1,1-Dichloroethene
Concen: 0.410 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



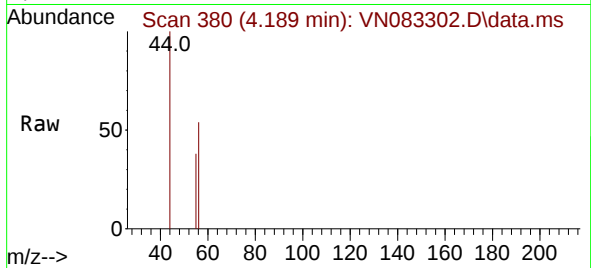
Tgt Ion: 96 Resp: 704
Ion Ratio Lower Upper
96 100
61 169.1 149.7 224.5
98 59.8 50.1 75.1





#13
Acrolein
Concen: 2.022 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

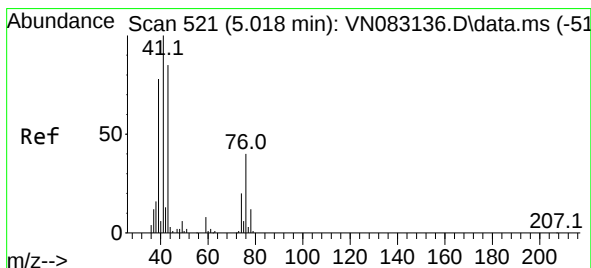
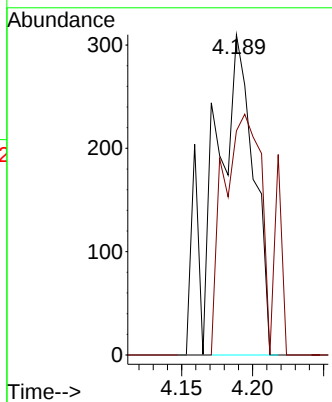
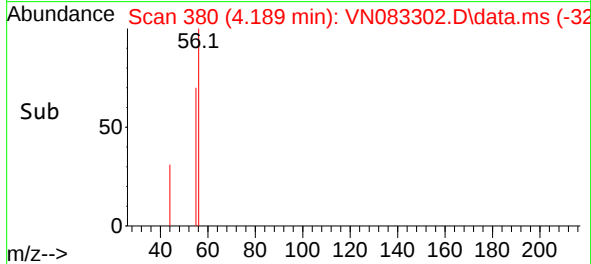
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 604
Ion Ratio Lower Upper
56 100
55 81.5 56.4 84.6

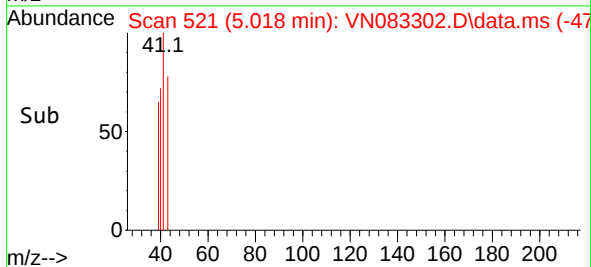
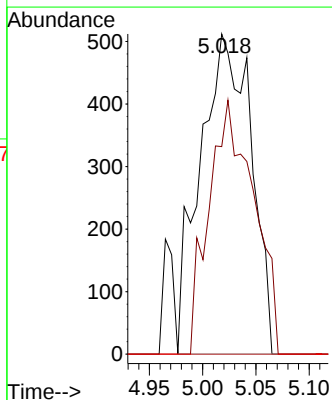
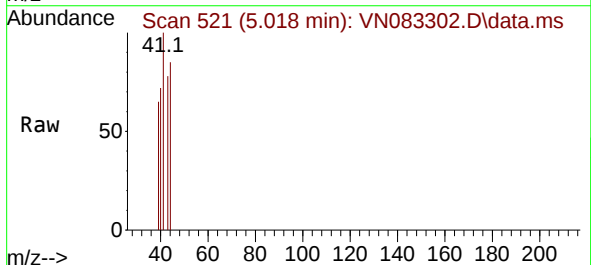
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 0.523 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

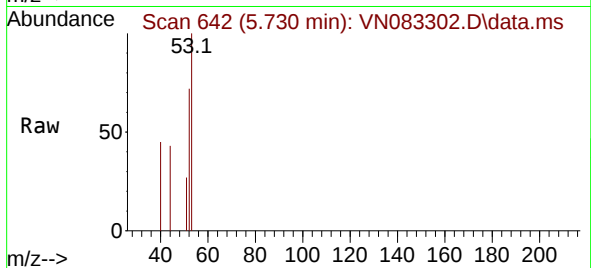
Tgt Ion: 41 Resp: 1699
Ion Ratio Lower Upper
41 100
39 70.2 67.8 101.6
76 0.0 25.8 38.8#





#15
Acrylonitrile
Concen: 2.310 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

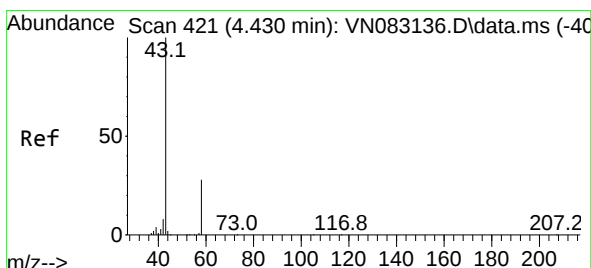
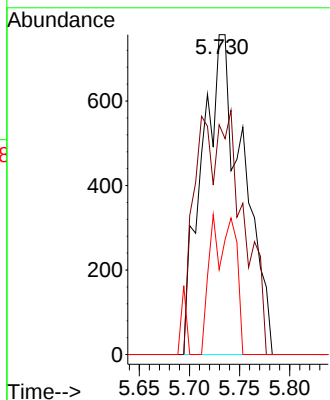
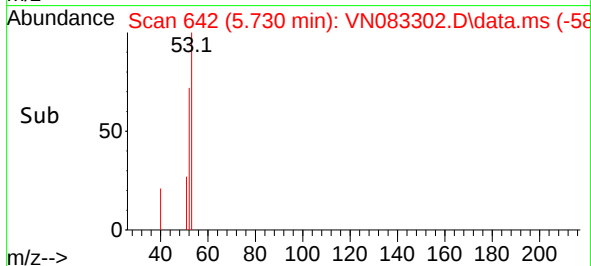
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 53 Resp: 2178
Ion Ratio Lower Upper
53 100
52 36.3 66.6 100.0
51 11.6 30.1 45.1

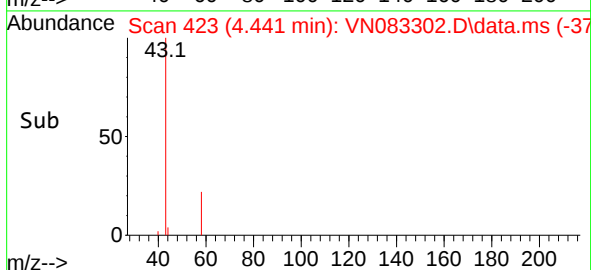
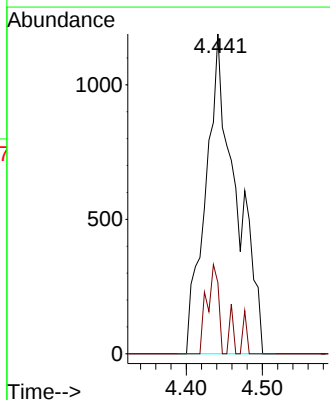
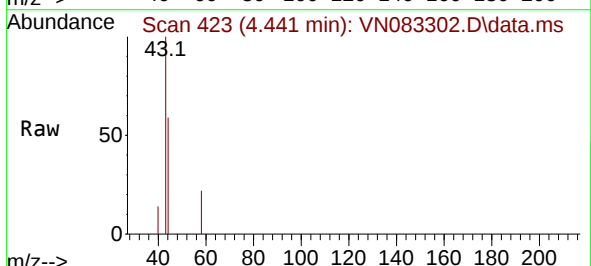
Manual Integrations
APPROVED

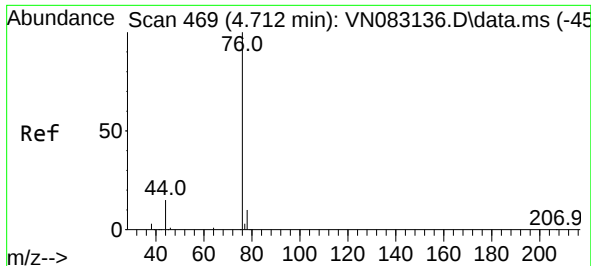
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#16
Acetone
Concen: 3.797 ug/l m
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

Tgt Ion: 43 Resp: 3277
Ion Ratio Lower Upper
43 100
58 22.3 21.8 32.6





#17

Carbon Disulfide

Concen: 0.586 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083302.D

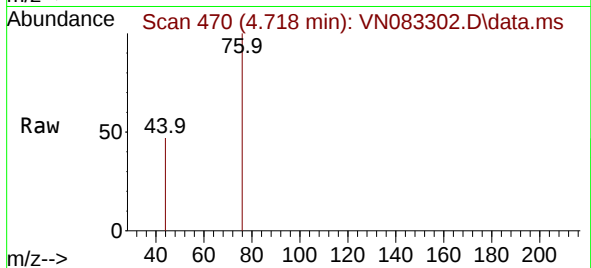
Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 76 Resp: 294

Ion Ratio Lower Upper

76 100

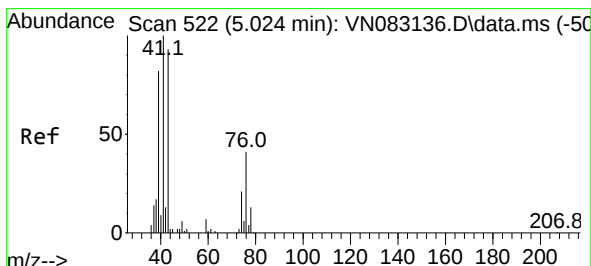
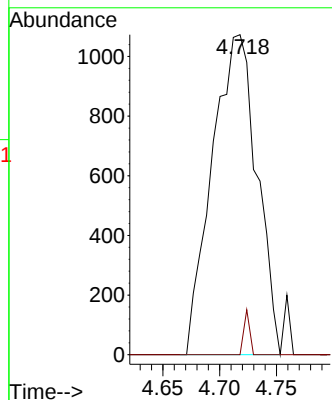
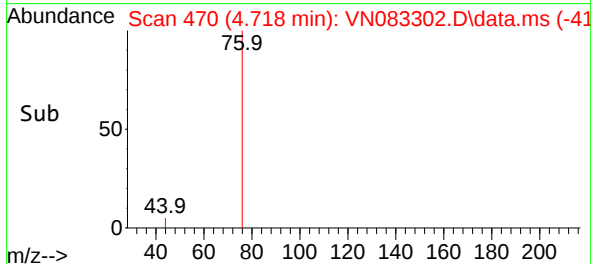
78 0.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#18

Methyl Acetate

Concen: 0.567 ug/l m

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN083302.D

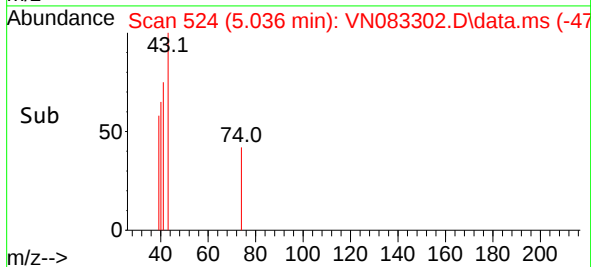
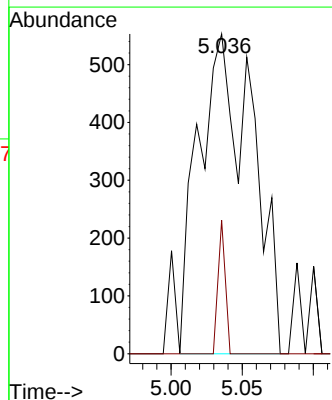
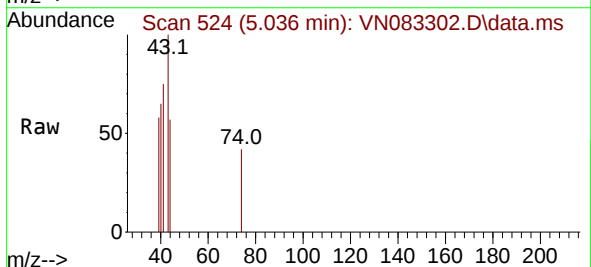
Acq: 14 Aug 2024 15:40

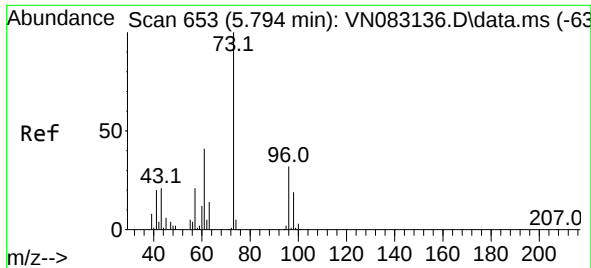
Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

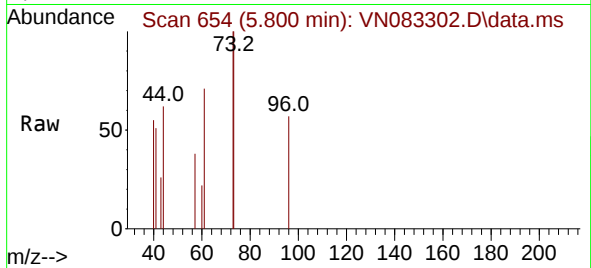
74 5.6 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 0.578 ug/l m
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

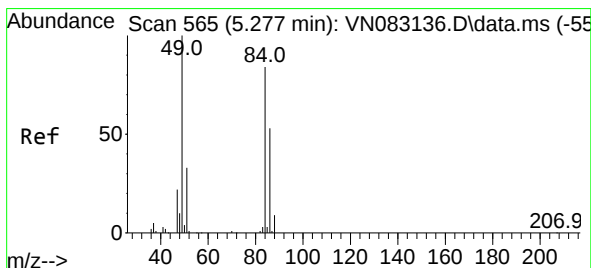
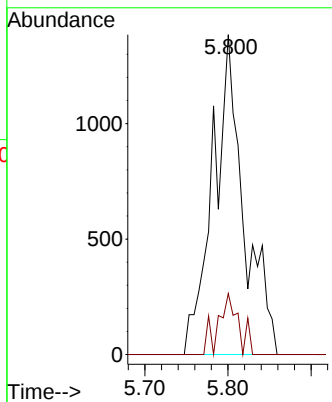
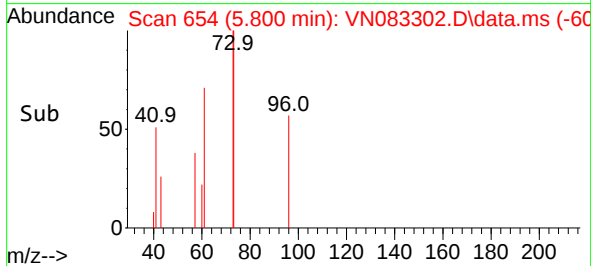
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 73 Resp: 358
Ion Ratio Lower Upper
73 100
57 38.1 17.9 26.9

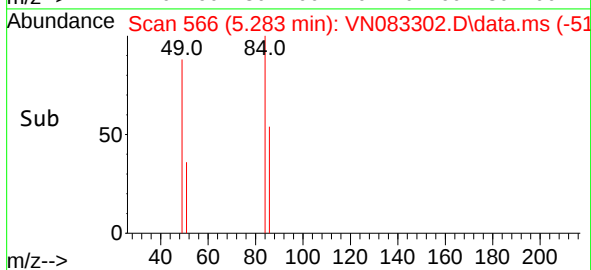
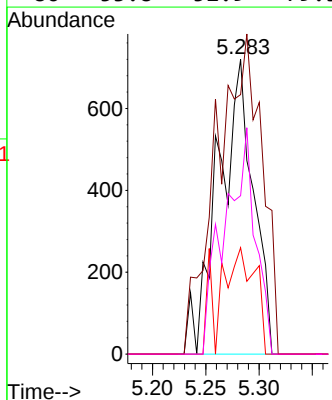
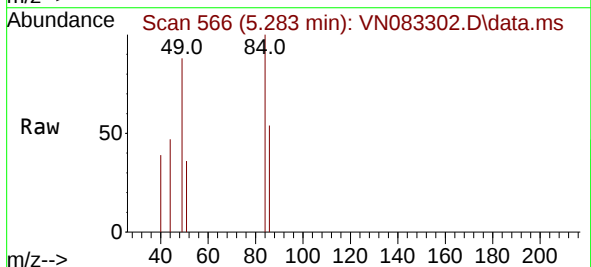
Manual Integrations
APPROVED

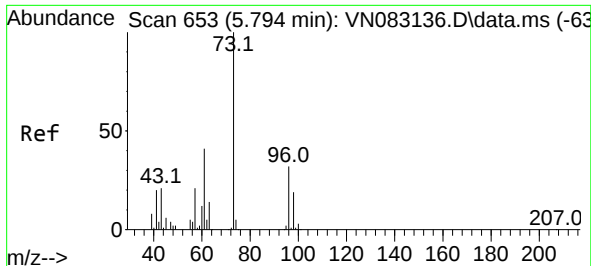
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#20
Methylene Chloride
Concen: 0.829 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

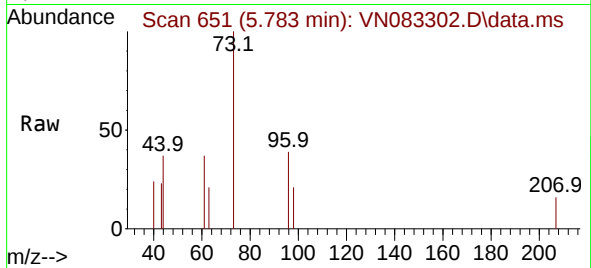
Tgt Ion: 84 Resp: 1647
Ion Ratio Lower Upper
84 100
49 88.1 119.6 179.4#
51 36.1 34.8 52.2
86 53.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 0.441 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

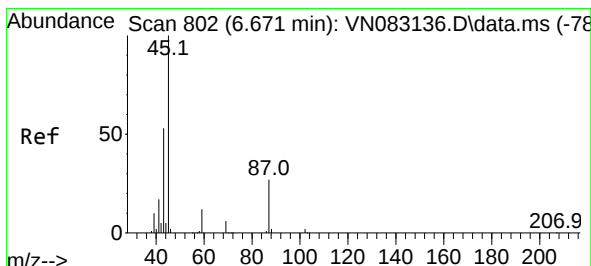
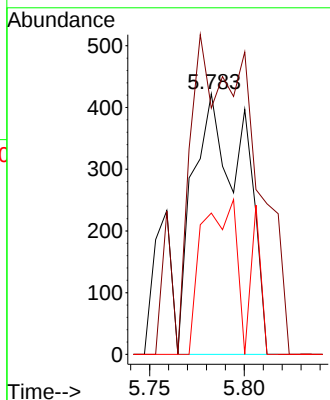
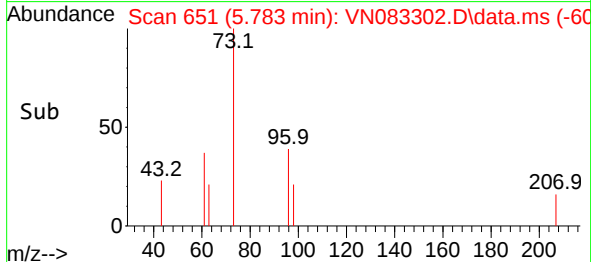
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 96 Resp: 78
Ion Ratio Lower Upper
96 100
61 94.5 123.4 185.2
98 54.3 49.3 73.9

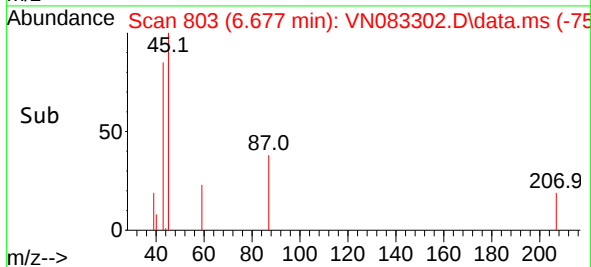
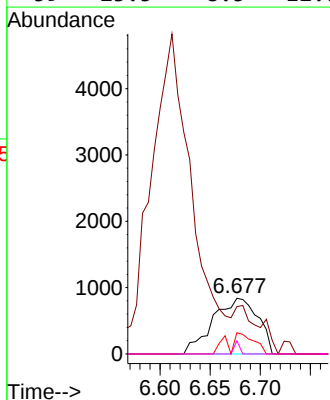
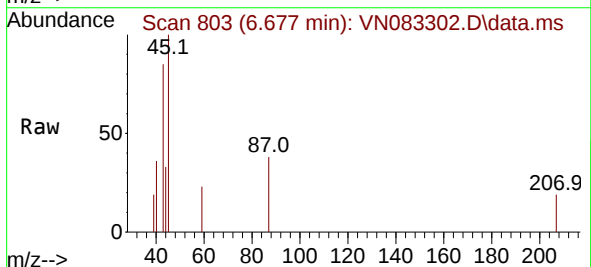
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 0.429 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

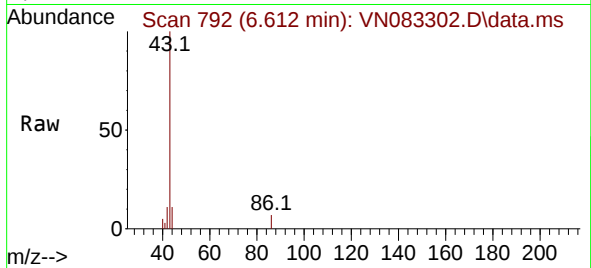
Tgt Ion: 45 Resp: 2616
Ion Ratio Lower Upper
45 100
43 85.1 44.0 66.0#
87 38.3 19.7 29.5#
59 23.5 8.5 12.7#





#23
Vinyl Acetate
Concen: 2.196 ug/l
RT: 6.612 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

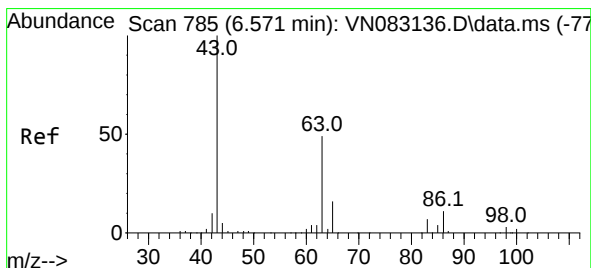
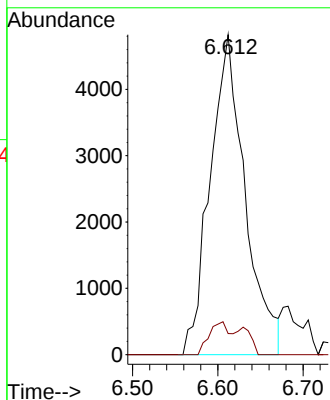
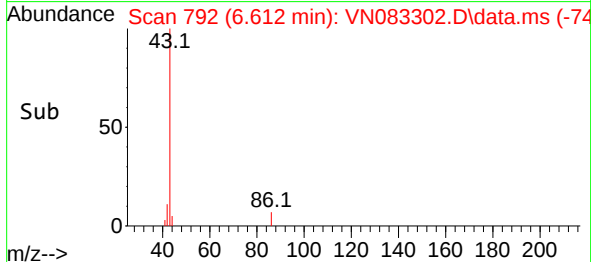
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
86 6.6 7.3 10.9

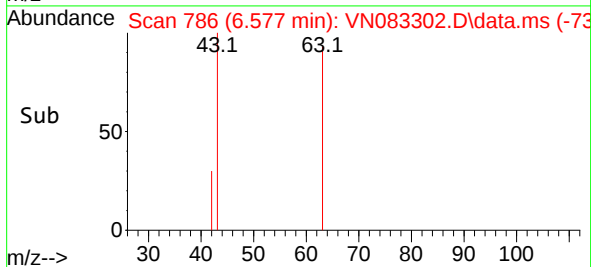
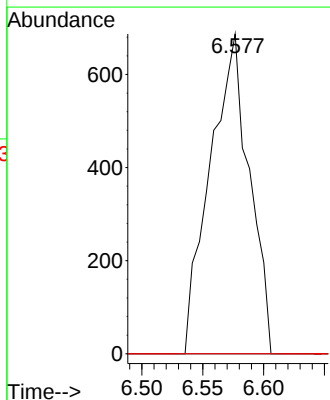
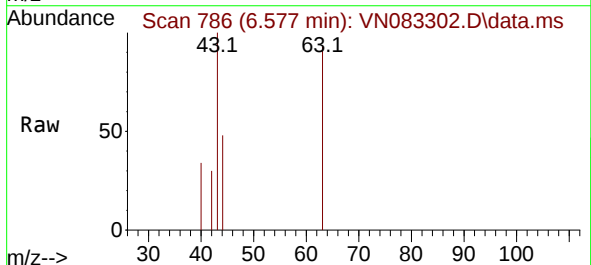
Manual Integrations
APPROVED

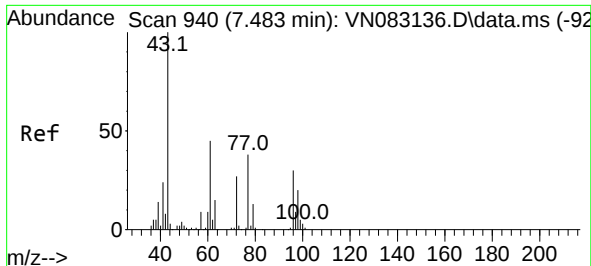
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#24
1,1-Dichloroethane
Concen: 0.463 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

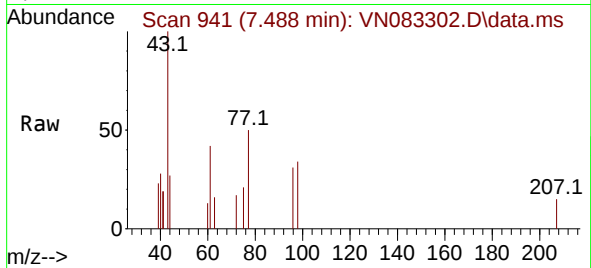
Tgt Ion: 63 Resp: 1541
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.0 6.0#





#25
2-Butanone
Concen: 2.734 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

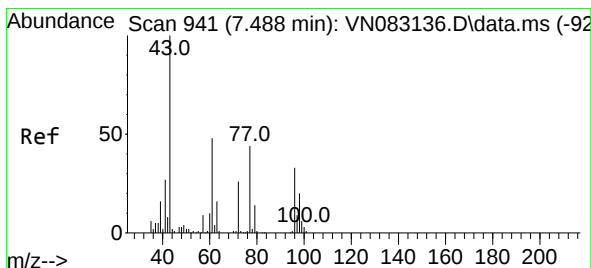
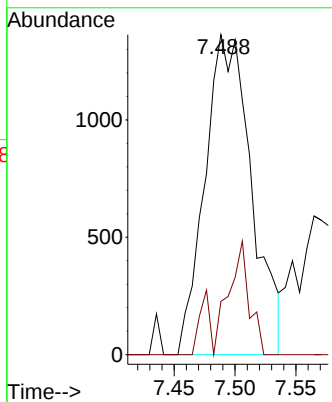
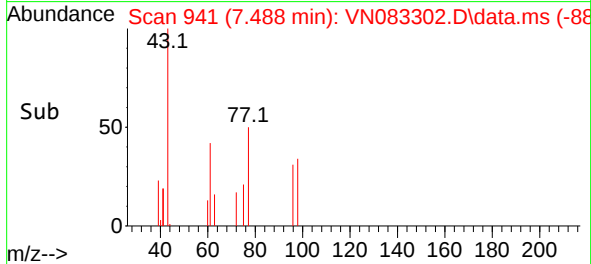
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
72 16.7 18.2 27.2

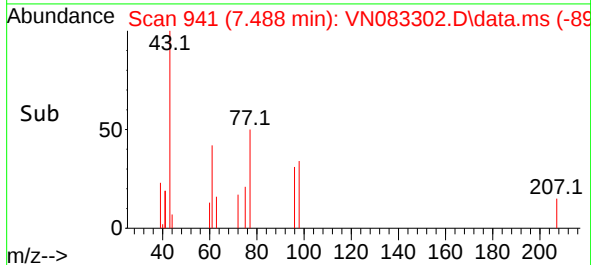
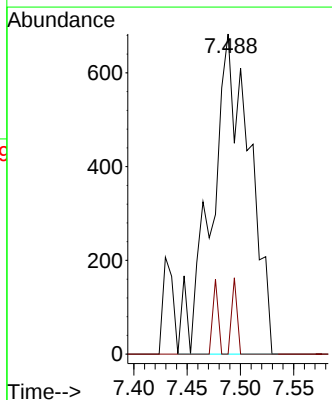
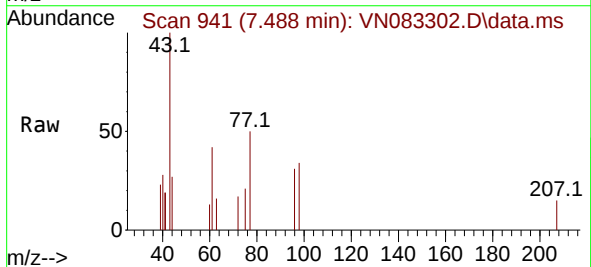
Manual Integrations
APPROVED

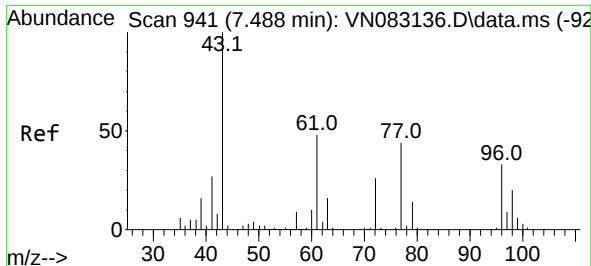
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#26
2,2-Dichloropropane
Concen: 0.552 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

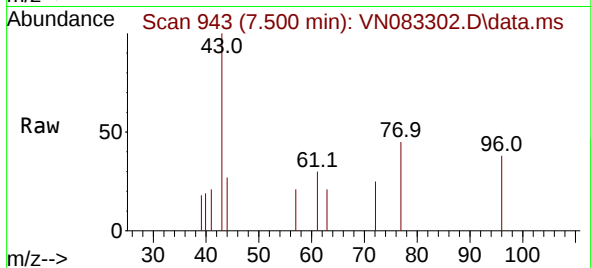
Tgt Ion: 77 Resp: 1706
Ion Ratio Lower Upper
77 100
97 3.4 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 0.575 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN083302.D
 Acq: 14 Aug 2024 15:40

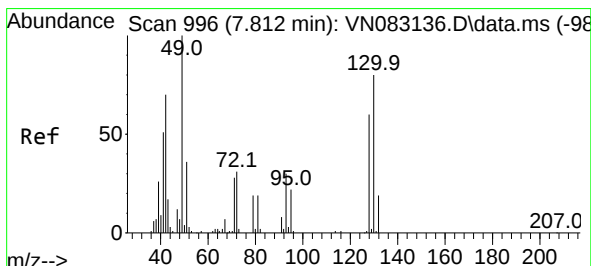
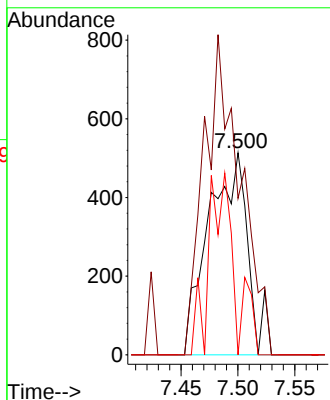
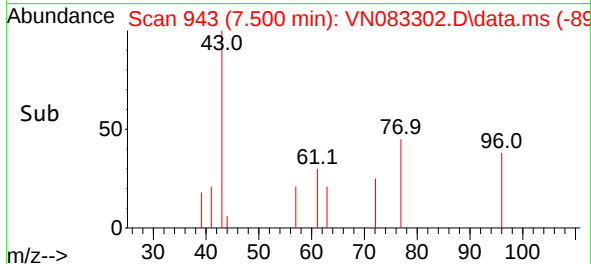
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion: 96 Resp: 123
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 329.6
 98 49.6 0.0 128.6

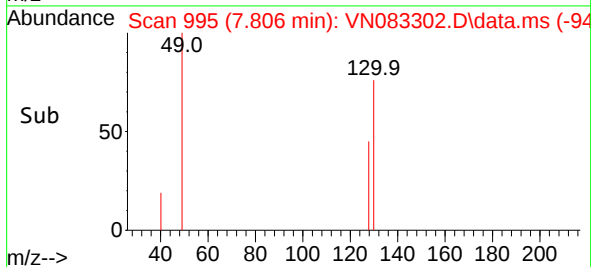
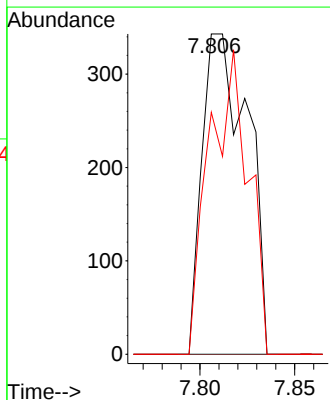
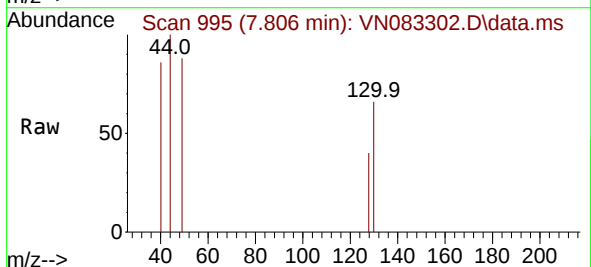
Manual Integrations
 APPROVED

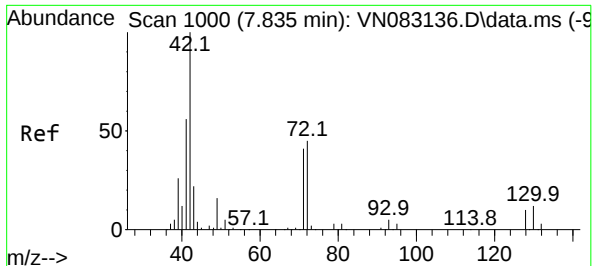
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#28
 Bromochloromethane
 Concen: 0.422 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083302.D
 Acq: 14 Aug 2024 15:40

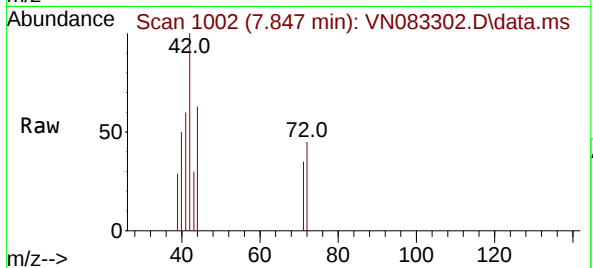
Tgt Ion: 49 Resp: 573
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 81.8 50.5 75.7#





#29
Tetrahydrofuran
Concen: 2.358 ug/l
RT: 7.847 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

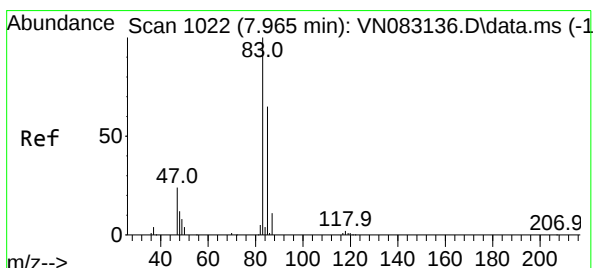
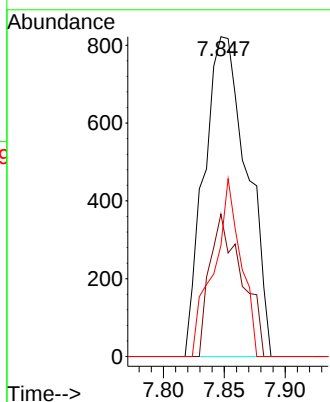
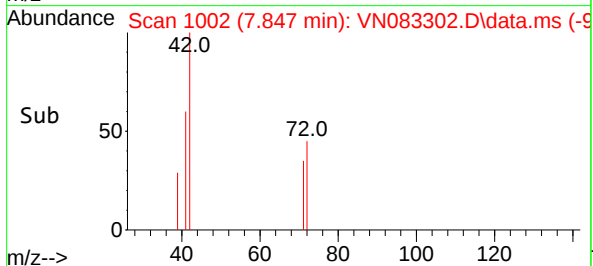
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 42 Resp: 2020
Ion Ratio Lower Upper
42 100
72 33.3 30.0 45.0
71 35.3 28.3 42.5

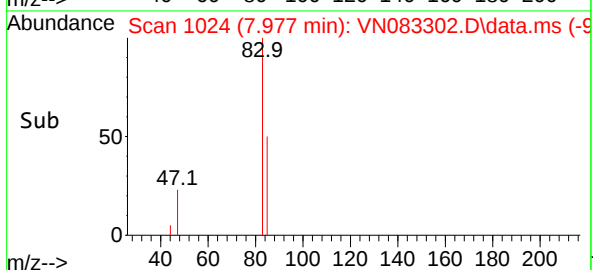
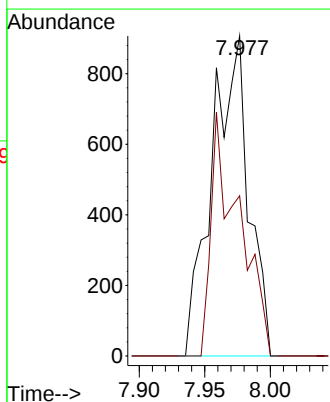
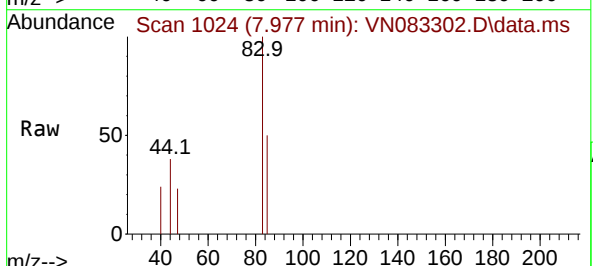
Manual Integrations
APPROVED

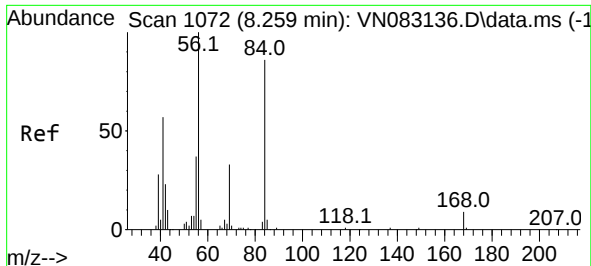
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#30
Chloroform
Concen: 0.512 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

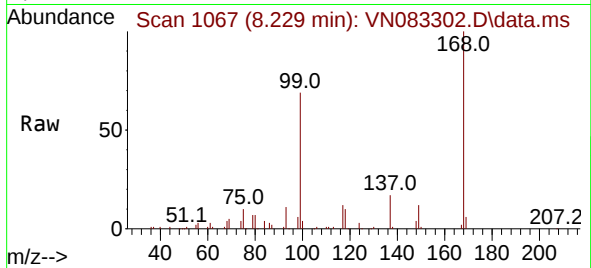
Tgt Ion: 83 Resp: 1770
Ion Ratio Lower Upper
83 100
85 50.1 50.9 76.3#





#31
Cyclohexane
Concen: 1.614 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

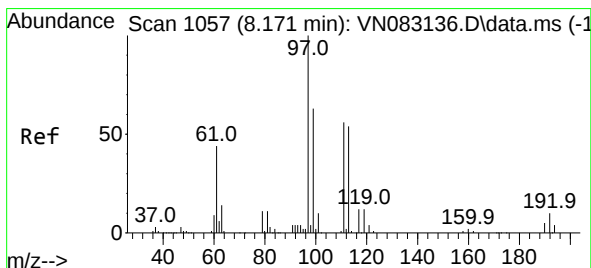
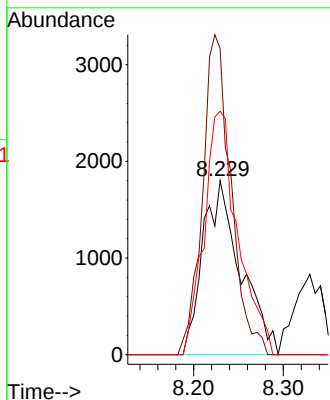
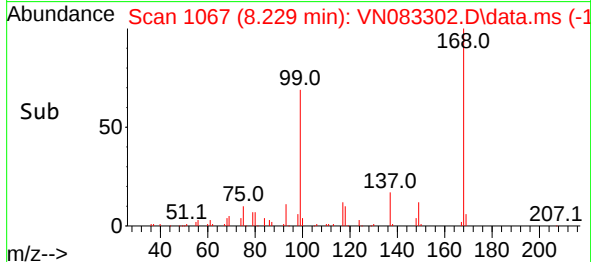
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 56 Resp: 527
Ion Ratio Lower Upper
56 100
69 176.0 24.5 36.7
84 139.9 66.0 99.0

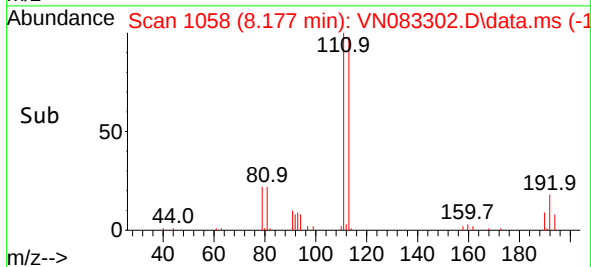
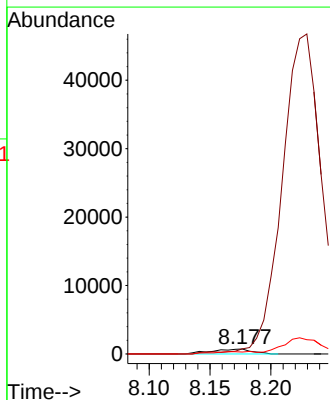
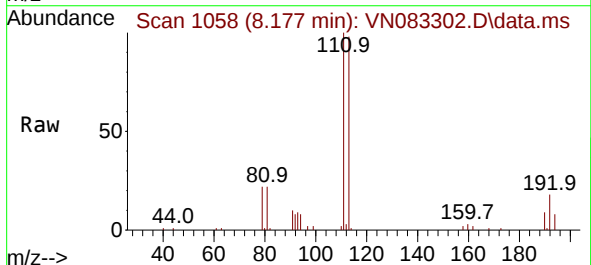
Manual Integrations
APPROVED

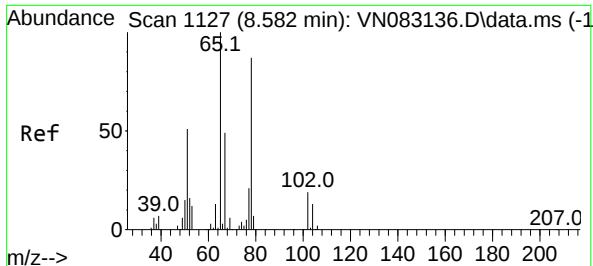
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 0.501 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

Tgt Ion: 97 Resp: 1638
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 49.9 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 57.431 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 65 Resp: 126670

Ion Ratio Lower Upper

65 100

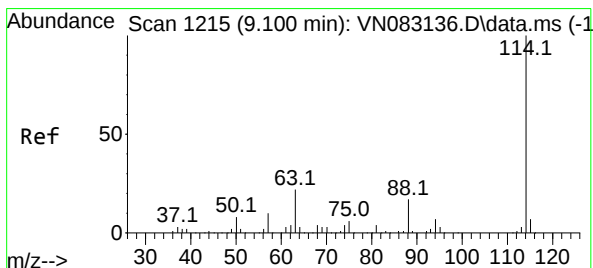
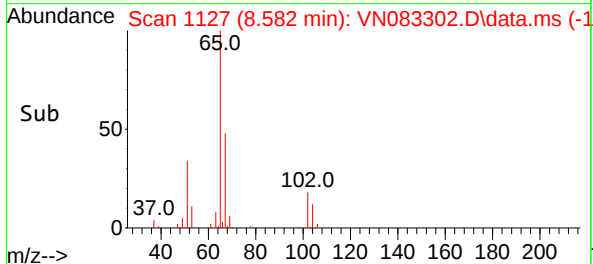
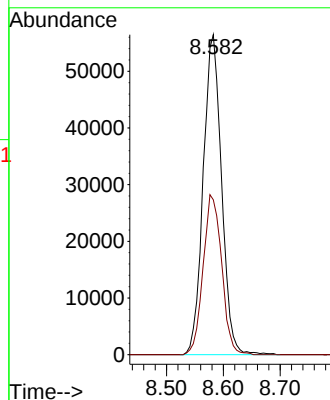
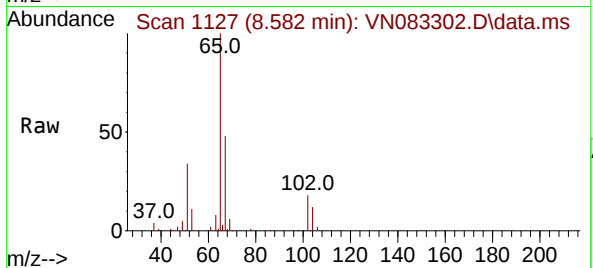
67 50.5 0.0 104.4

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: VN083302.D

Acq: 14 Aug 2024 15:40

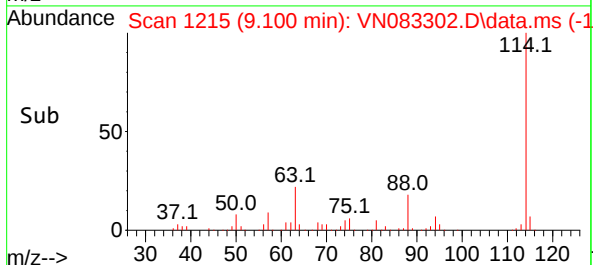
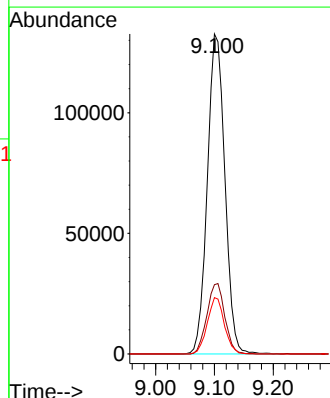
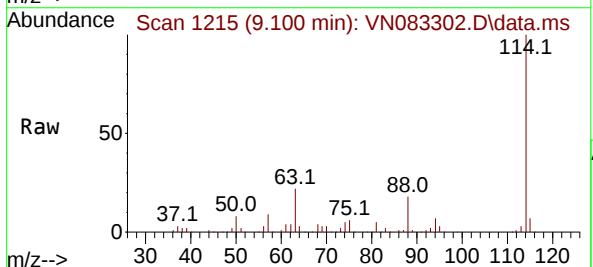
Tgt Ion:114 Resp: 275444

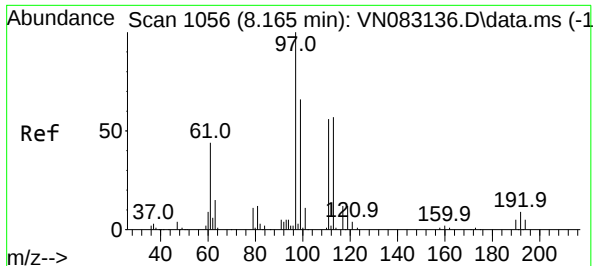
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

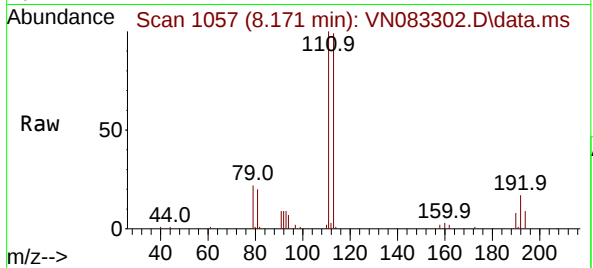
88 17.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.043 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

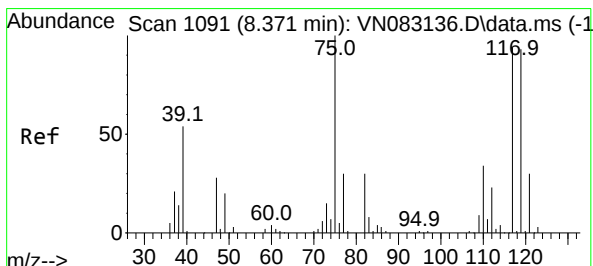
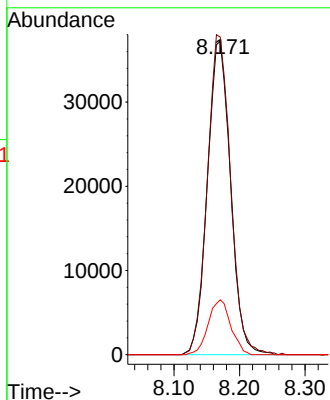
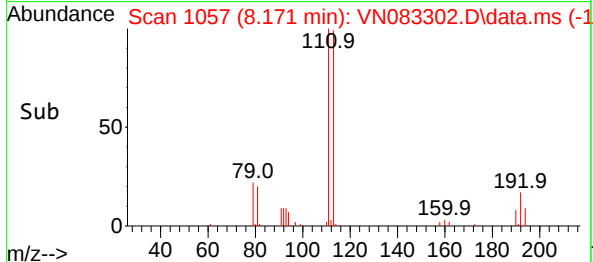
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



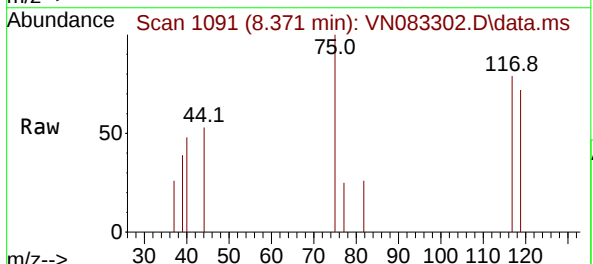
Tgt Ion: 113 Resp: 91194
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 17.1 14.9 22.3

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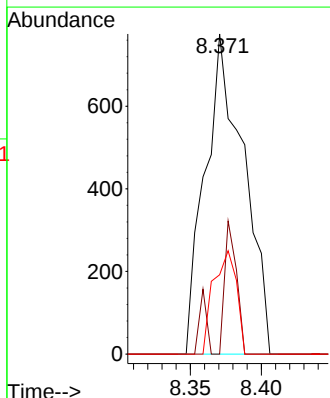
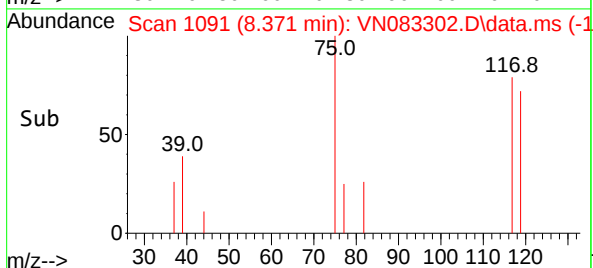
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#36
1,1-Dichloropropene
Concen: 0.562 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
110 12.7 16.3 48.9#
77 19.2 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.476 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083302.D

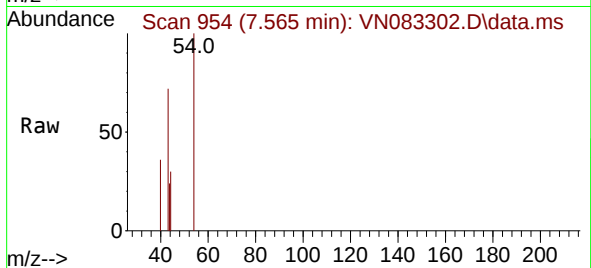
Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024

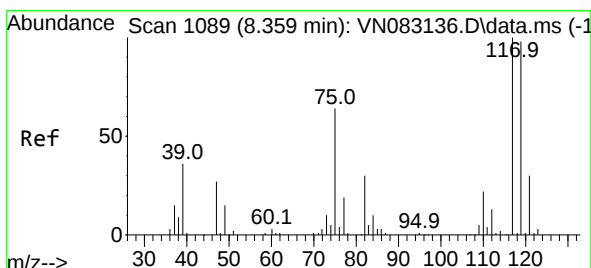
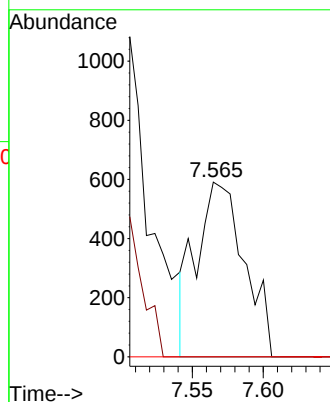
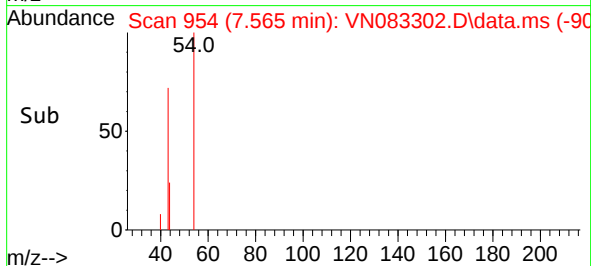


Tgt Ion: 43	Resp: 1380
Ion Ratio	Lower Upper
43	100
61	0.0 9.3 13.9
70	0.0 7.0 10.6

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 0.503 ug/l

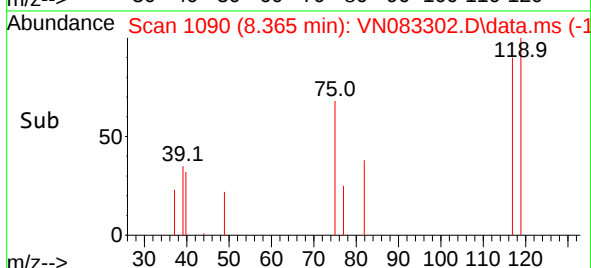
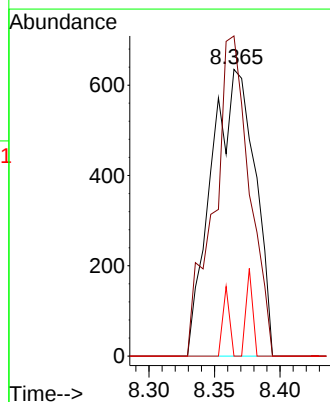
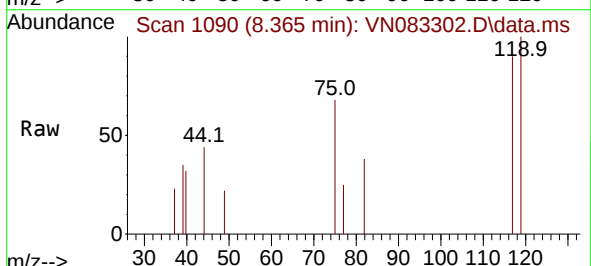
RT: 8.365 min Scan# 1090

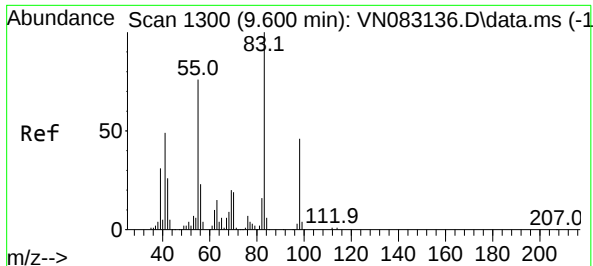
Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Tgt Ion: 117	Resp: 1474
Ion Ratio	Lower Upper
117	100
119	111.7 74.9 112.3
121	0.0 24.3 36.5





#39

Methylcyclohexane

Concen: 0.474 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

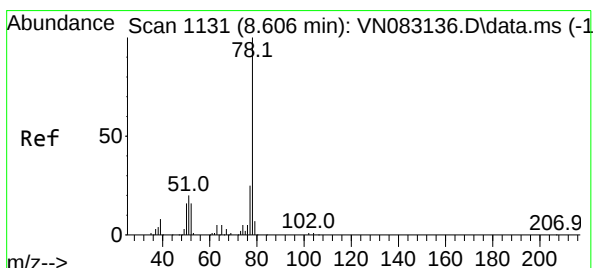
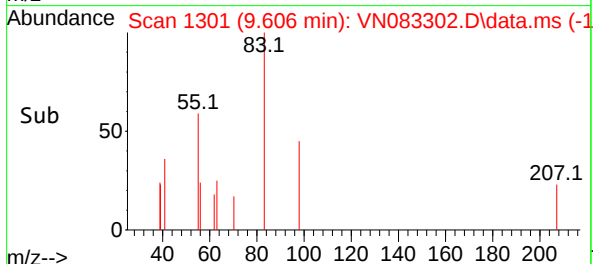
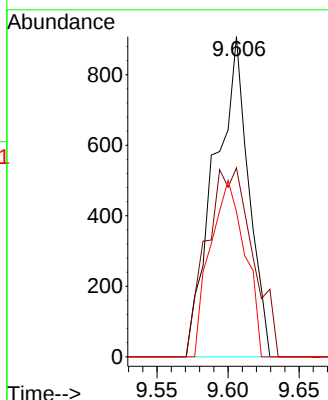
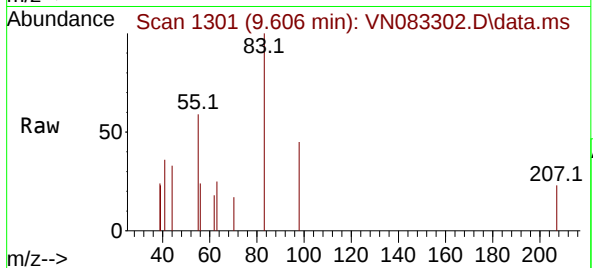
ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 83	Resp: 1514
Ion Ratio	Lower Upper
83	100
55	59.0 66.4 99.6
98	45.4 40.7 61.1

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



#40

Benzene

Concen: 0.472 ug/l

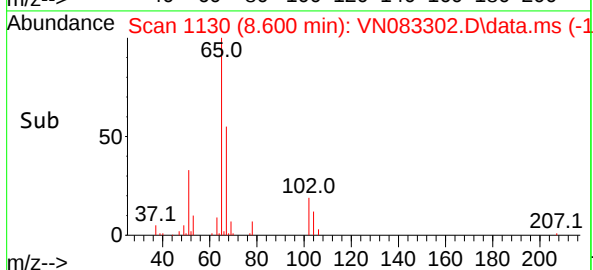
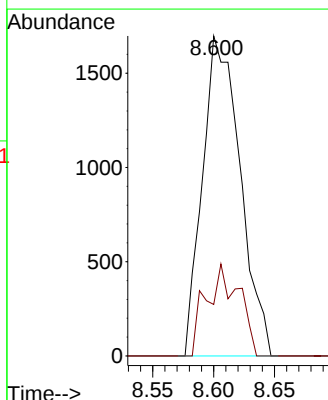
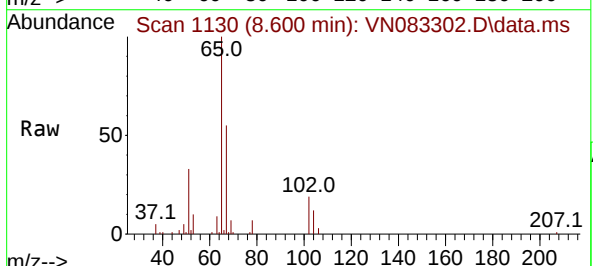
RT: 8.600 min Scan# 1130

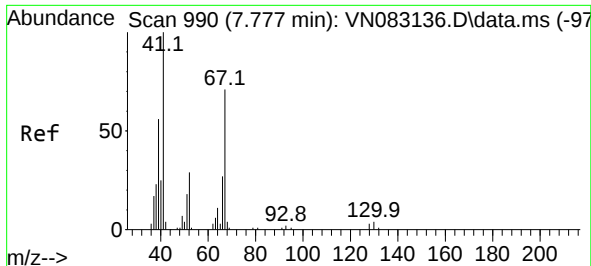
Delta R.T. -0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

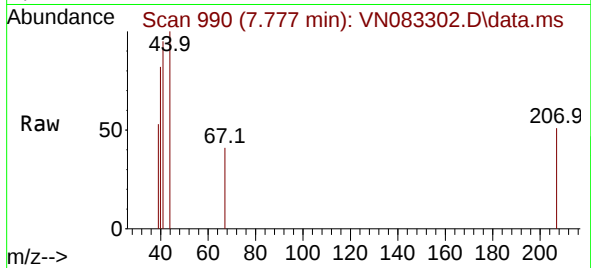
Tgt Ion: 78	Resp: 3654
Ion Ratio	Lower Upper
78	100
77	16.1 19.0 28.4





#41
Methacrylonitrile
Concen: 0.408 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

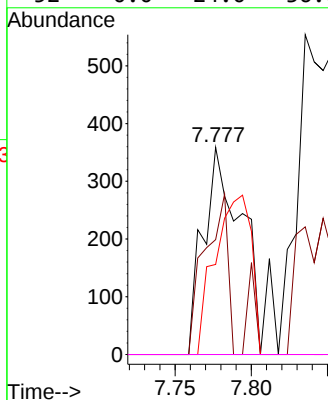
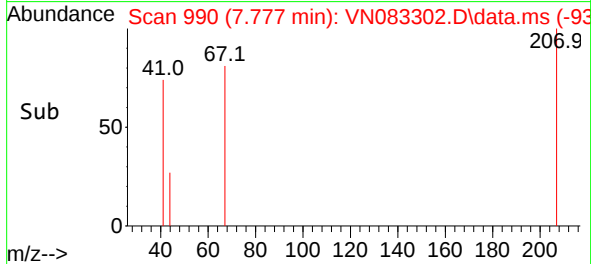
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 41 Resp: 670
Ion Ratio Lower Upper
41 100
39 43.3 45.5 68.3
67 0.0 50.5 75.7
52 0.0 24.0 36.0

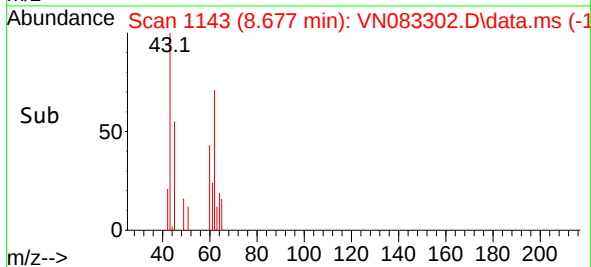
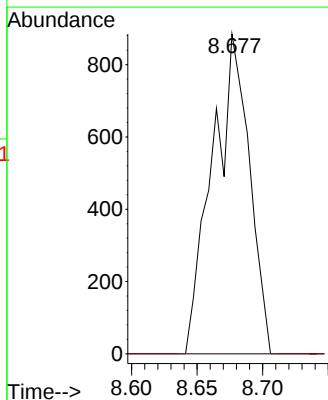
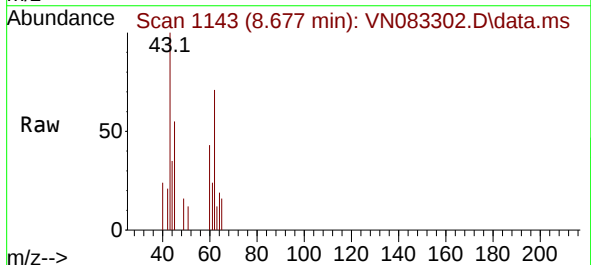
Manual Integrations
APPROVED

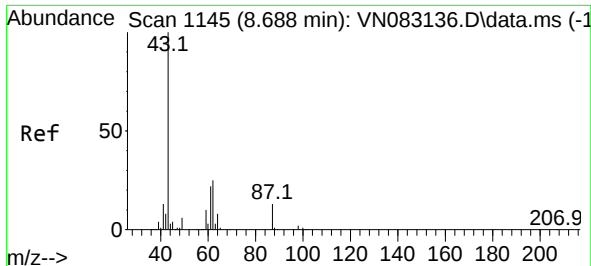
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#42
1,2-Dichloroethane
Concen: 0.614 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

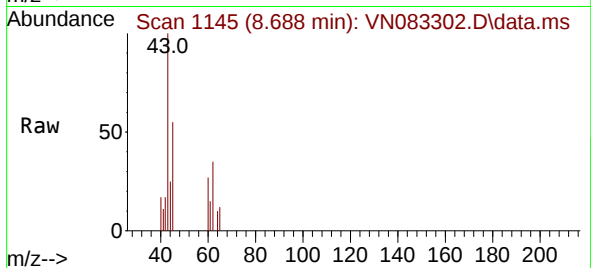
Tgt Ion: 62 Resp: 1734
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 0.634 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

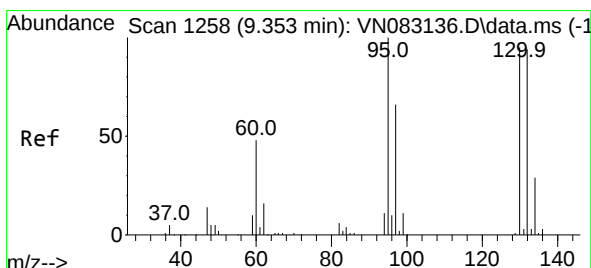
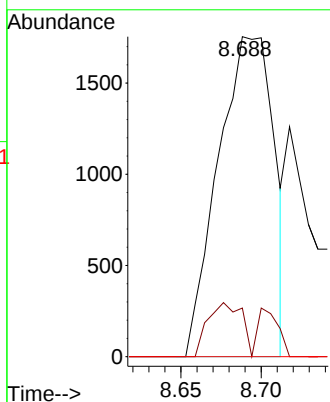
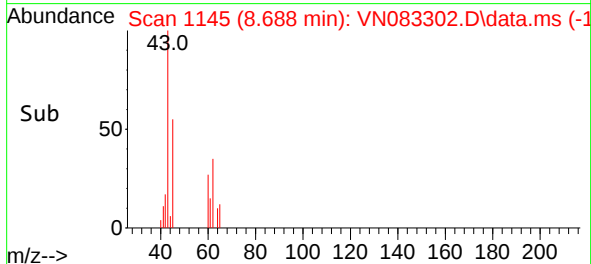
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



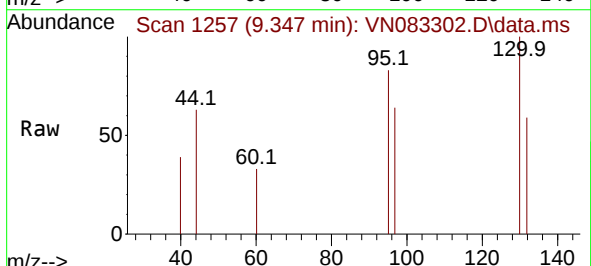
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
61 10.3 17.8 26.6
87 0.0 8.2 12.2

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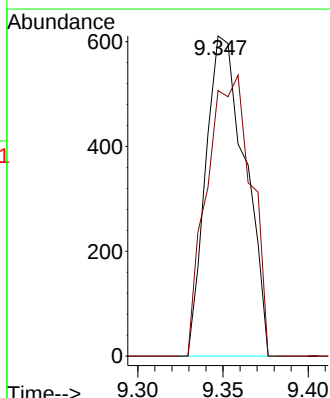
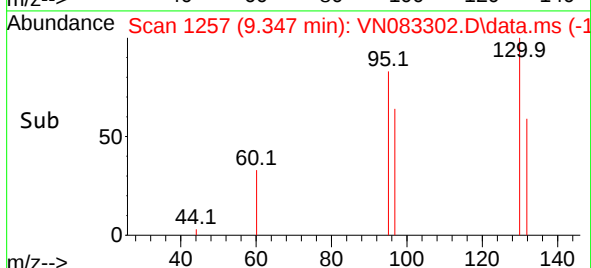
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

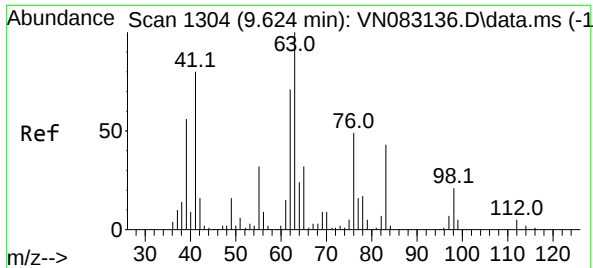


#44
Trichloroethene
Concen: 0.533 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion:130 Resp: 983
Ion Ratio Lower Upper
130 100
95 83.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 0.440 ug/l

RT: 9.635 min Scan# 1306

Delta R.T. 0.012 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

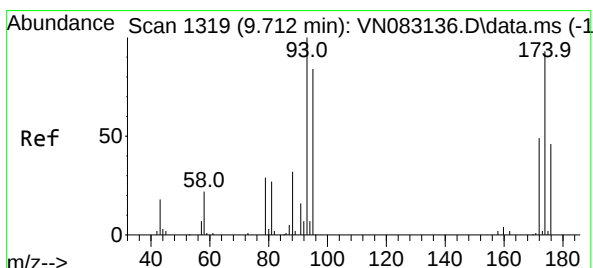
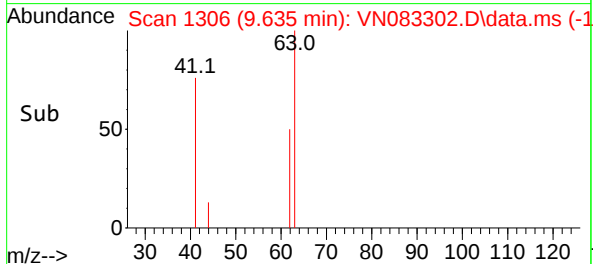
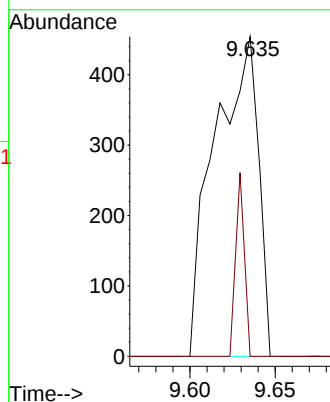
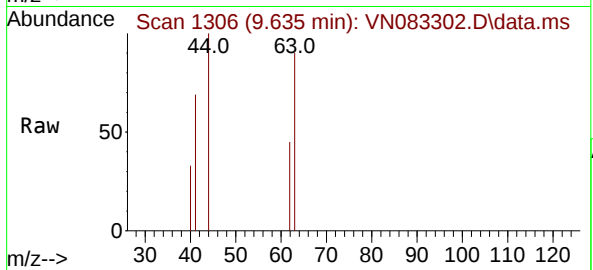
MDL-WATER-03-QT3-2024

Tgt Ion: 63 Resp: 809
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 0.450 ug/l

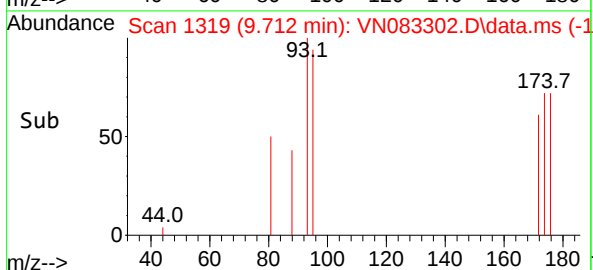
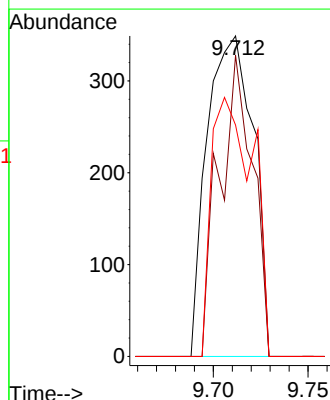
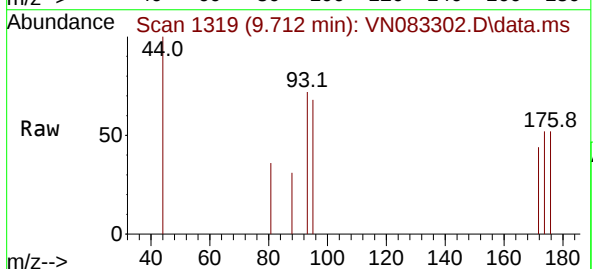
RT: 9.712 min Scan# 1319

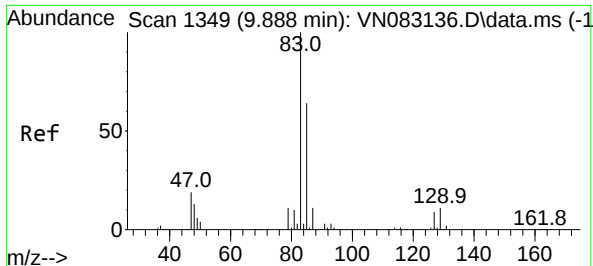
Delta R.T. -0.000 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Tgt Ion: 93 Resp: 593
 Ion Ratio Lower Upper
 93 100
 95 67.8 65.8 98.6
 174 72.7 71.7 107.5





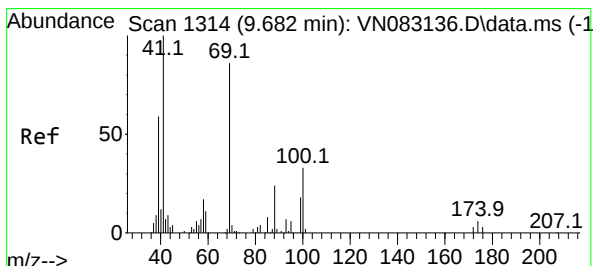
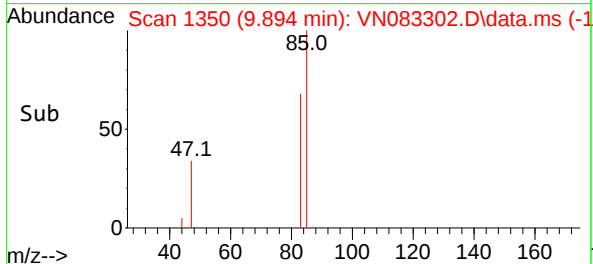
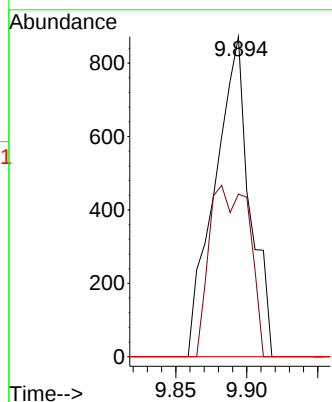
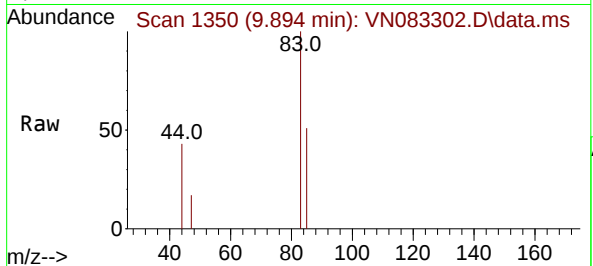
#47
Bromodichloromethane
Concen: 0.506 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

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

Tgt Ion: 83 Resp: 149
Ion Ratio Lower Upper
83 100
85 50.8 51.1 76.7
127 0.0 7.2 10.8

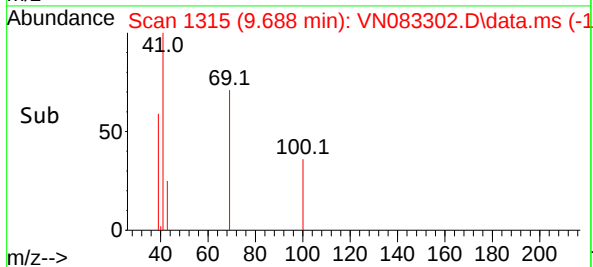
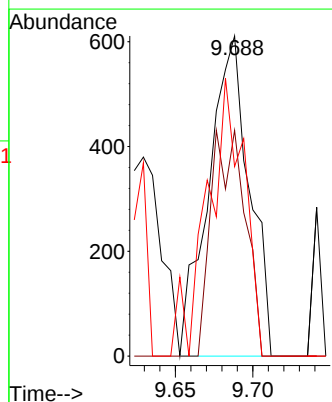
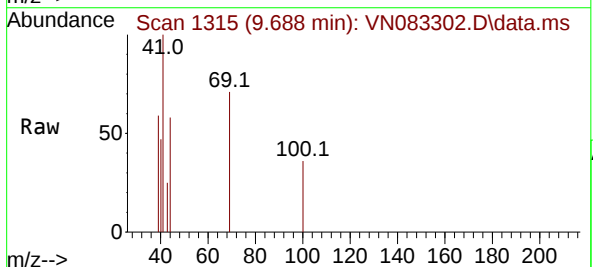
Manual Integrations
APPROVED

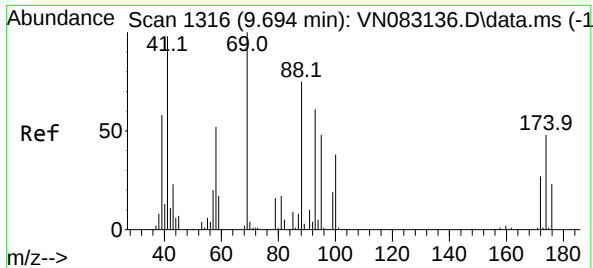
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#48
Methyl methacrylate
Concen: 0.464 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

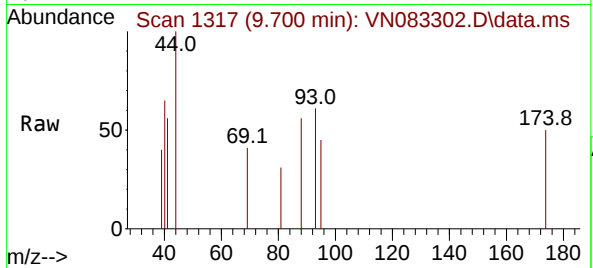
Tgt Ion: 41 Resp: 1118
Ion Ratio Lower Upper
41 100
69 58.7 56.3 84.5
39 78.5 50.3 75.5





#49
1,4-Dioxane
Concen: 8.427 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

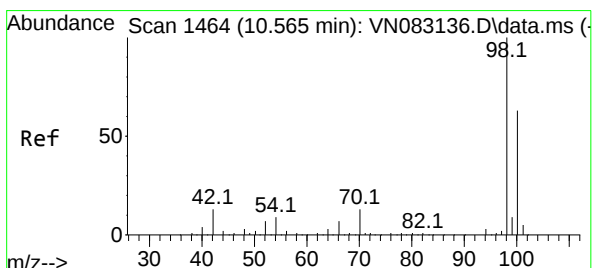
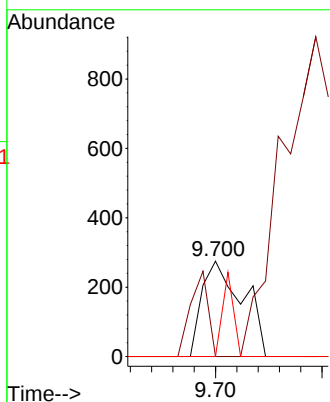
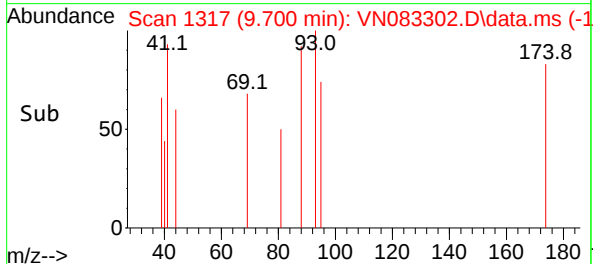
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 88 Resp: 360
Ion Ratio Lower Upper
88 100
43 38.3 27.8 41.8
58 23.5 59.4 89.0

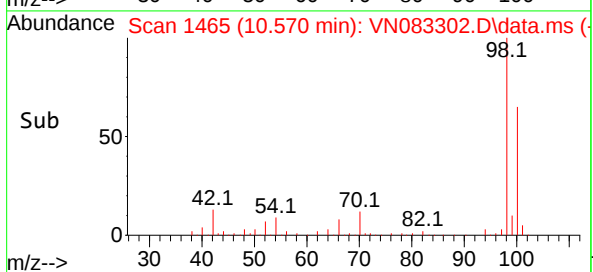
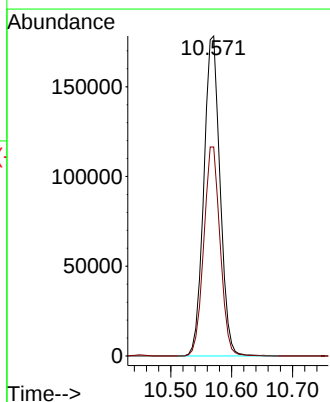
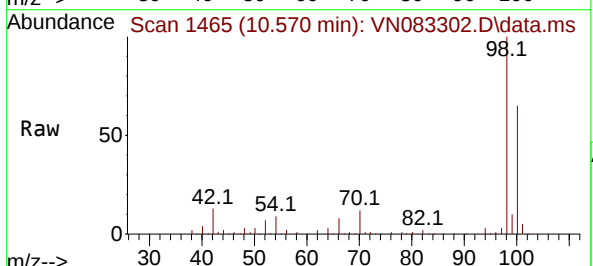
Manual Integrations
APPROVED

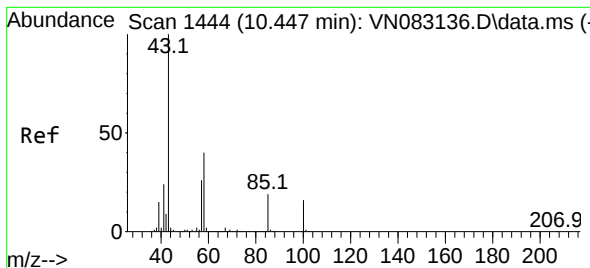
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#50
Toluene-d8
Concen: 51.573 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

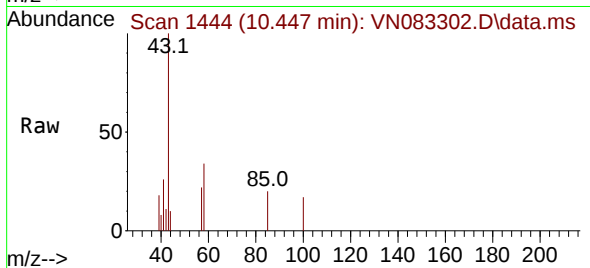
Tgt Ion: 98 Resp: 330749
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 2.416 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

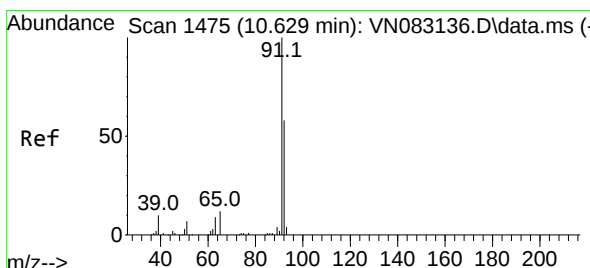
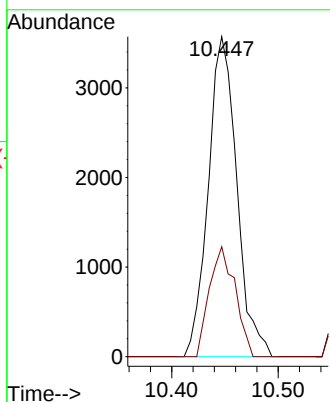
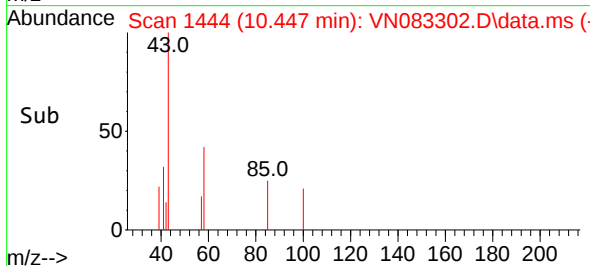
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 43 Resp: 6654
Ion Ratio Lower Upper
43 100
58 31.0 28.2 42.4

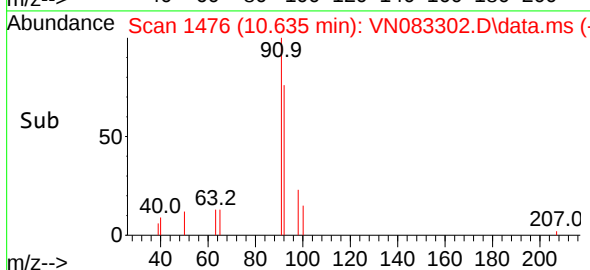
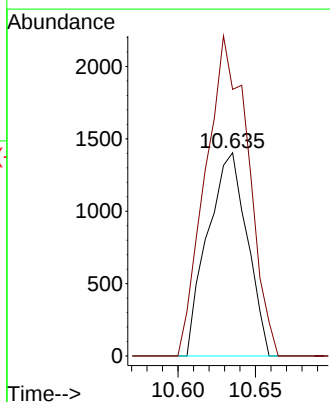
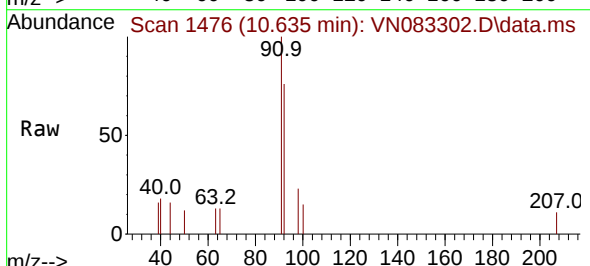
Manual Integrations
APPROVED

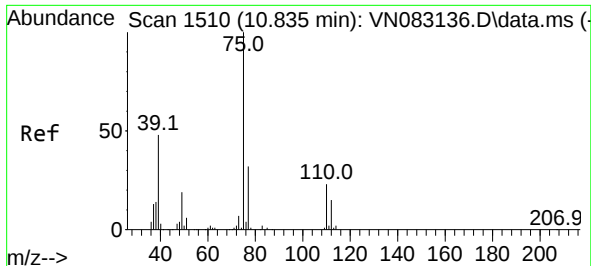
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#52
Toluene
Concen: 0.507 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

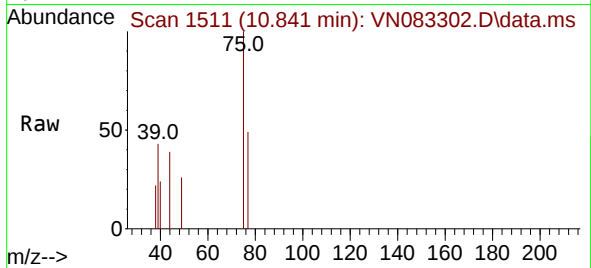
Tgt Ion: 92 Resp: 2482
Ion Ratio Lower Upper
92 100
91 170.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 0.405 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

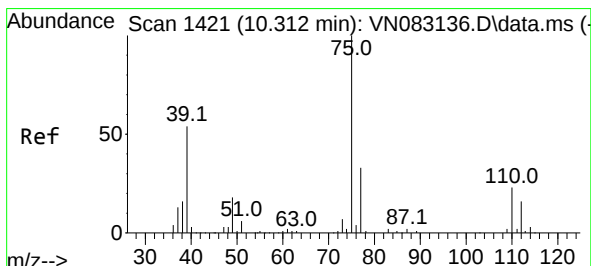
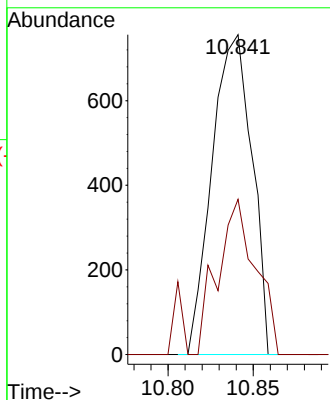
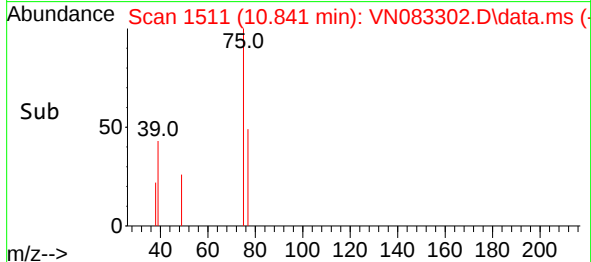
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



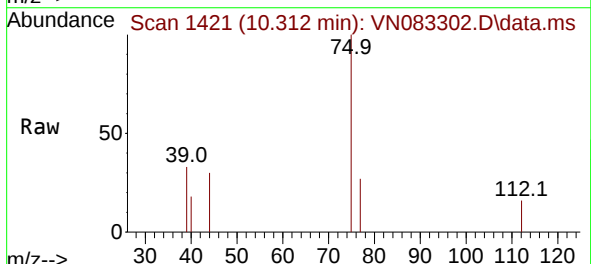
Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
77 48.5 25.7 38.5

Manual Integrations
APPROVED

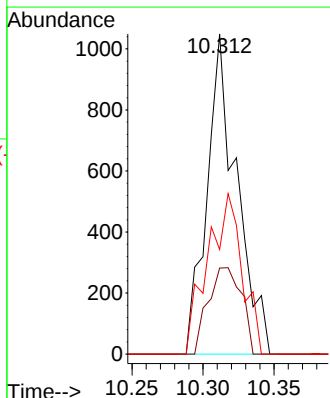
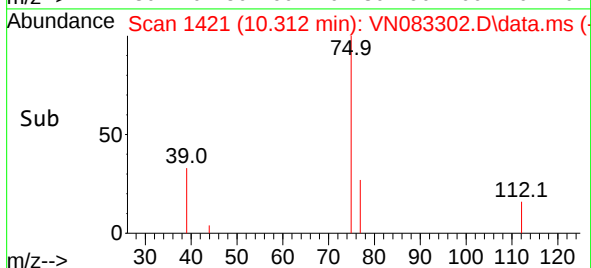
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

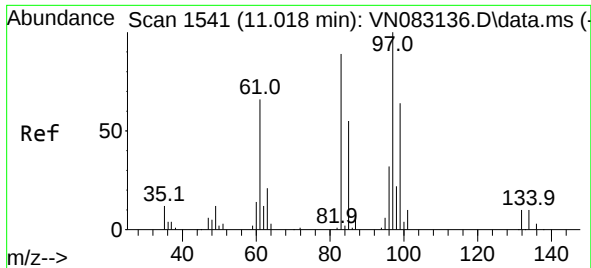


#54
cis-1,3-Dichloropropene
Concen: 0.474 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



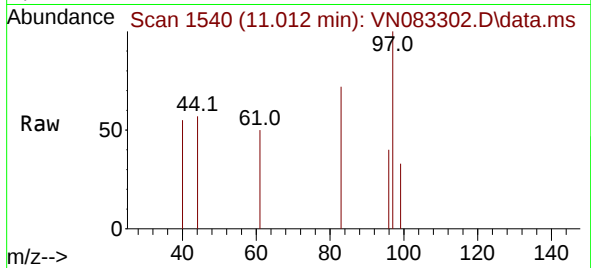
Tgt Ion: 75 Resp: 1532
Ion Ratio Lower Upper
75 100
77 26.9 24.3 36.5
39 32.7 50.5 75.7#





#55
1,1,2-Trichloroethane
Concen: 0.535 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

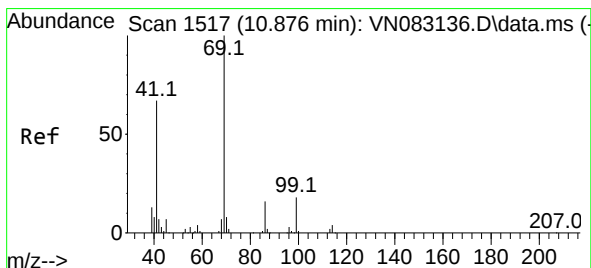
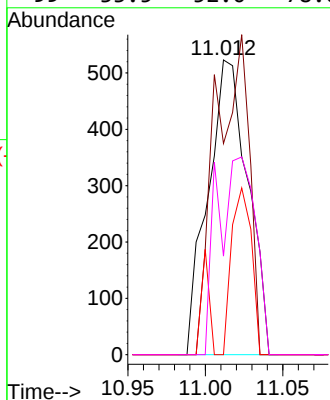
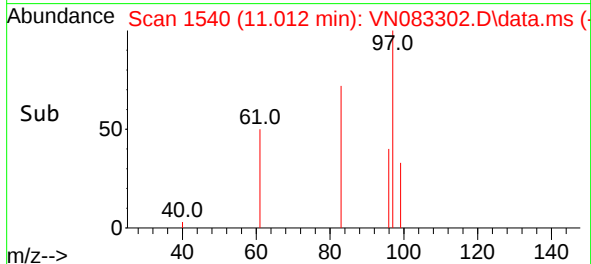
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:	97	Resp:	939
Ion	Ratio	Lower	Upper
97	100		
83	71.7	71.4	107.0
85	0.0	45.8	68.6
99	33.5	52.0	78.0

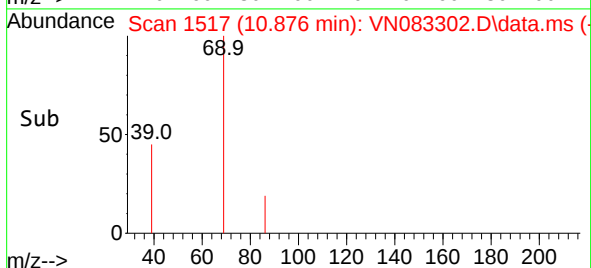
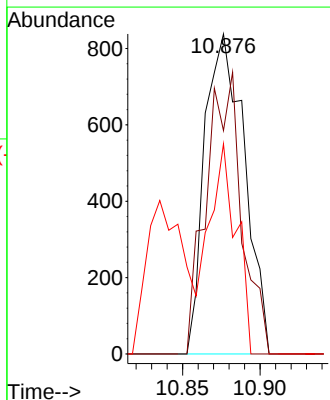
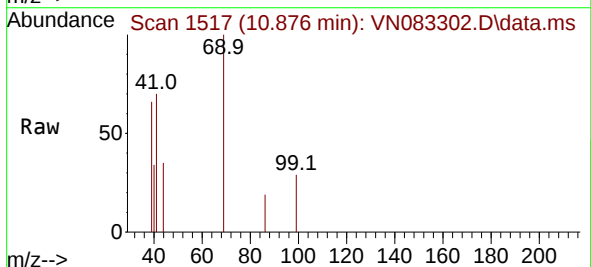
Manual Integrations
APPROVED

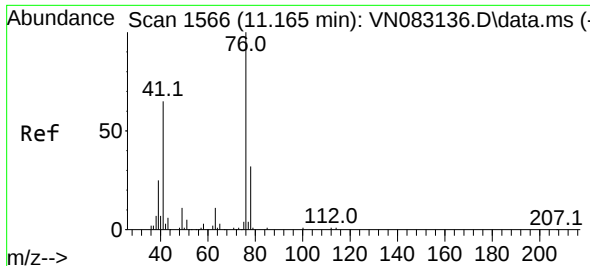
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#56
Ethyl methacrylate
Concen: 0.450 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

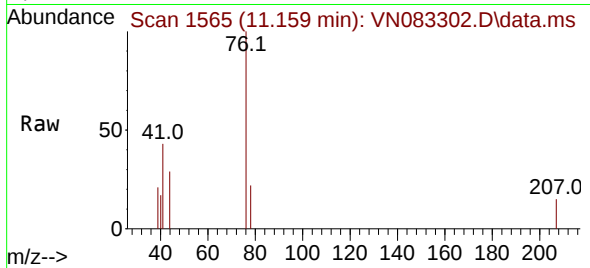
Tgt Ion:	69	Resp:	1489
Ion	Ratio	Lower	Upper
69	100		
41	78.8	63.4	95.2
39	44.9	37.4	56.0





#57
1,3-Dichloropropane
Concen: 0.551 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

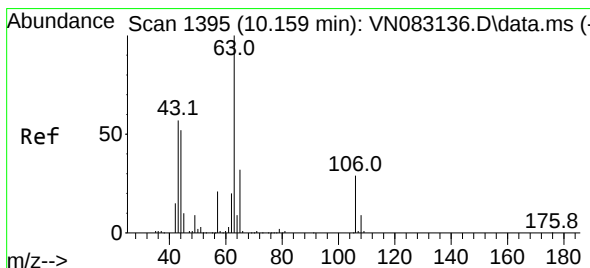
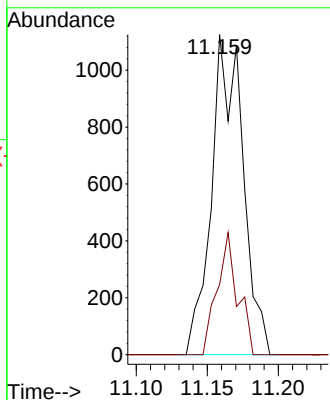
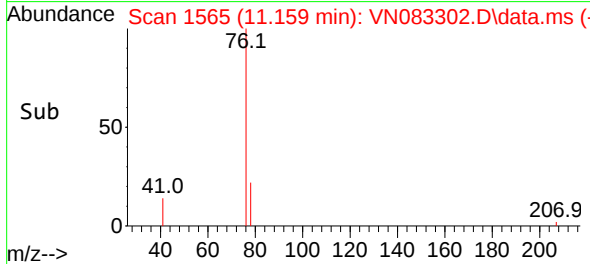
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 76 Resp: 1724
Ion Ratio Lower Upper
76 100
78 25.0 25.6 38.4

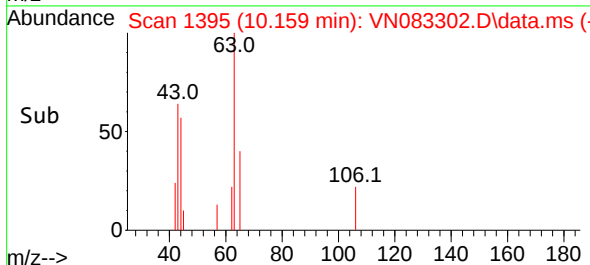
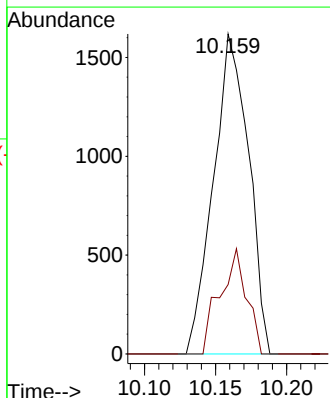
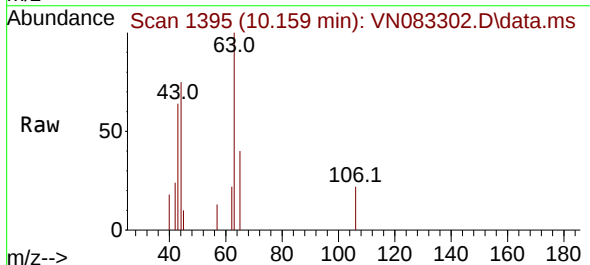
Manual Integrations
APPROVED

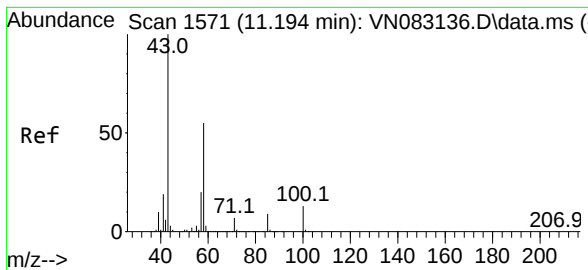
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 1.994 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

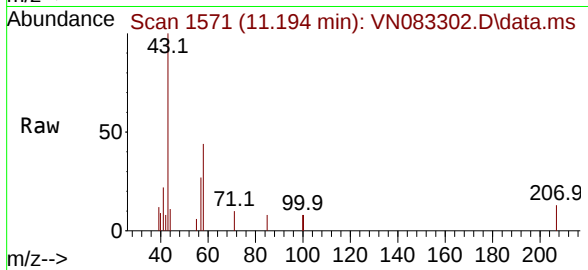
Tgt Ion: 63 Resp: 2788
Ion Ratio Lower Upper
63 100
106 25.0 21.4 32.0





#59
2-Hexanone
Concen: 2.295 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

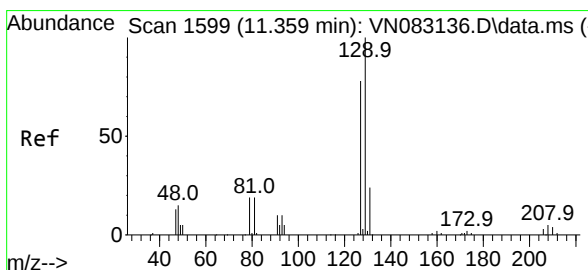
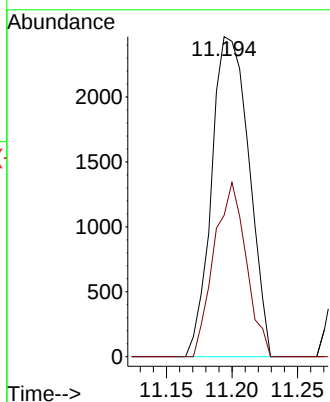
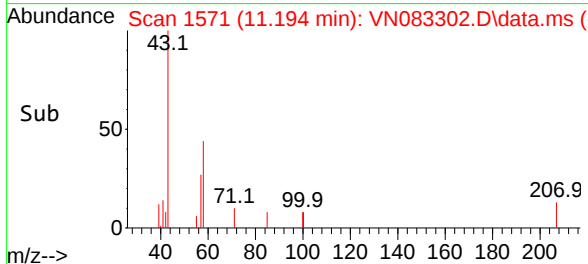
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



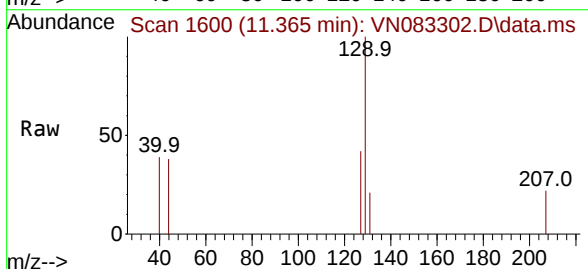
Tgt Ion: 43 Resp: 4890
Ion Ratio Lower Upper
43 100
58 46.8 24.6 73.8

Manual Integrations
APPROVED

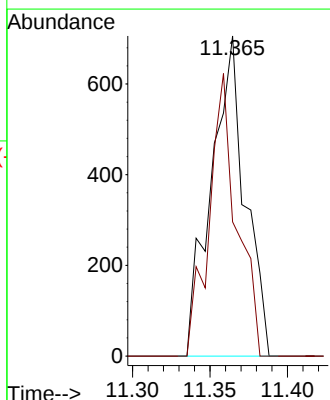
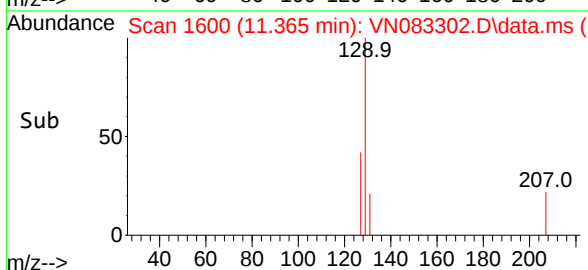
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

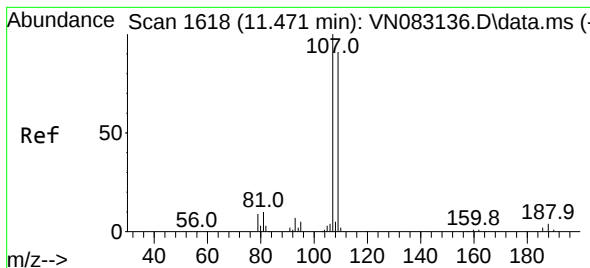


#60
Dibromochloromethane
Concen: 0.506 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



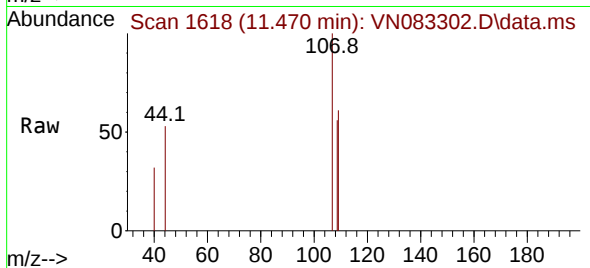
Tgt Ion:129 Resp: 1074
Ion Ratio Lower Upper
129 100
127 72.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 0.538 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

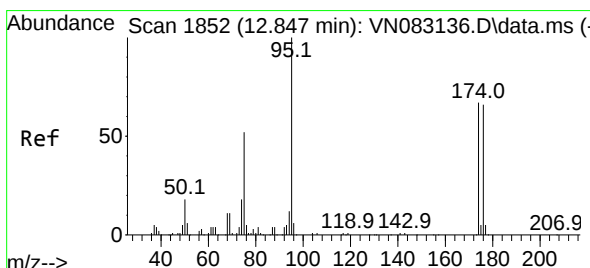
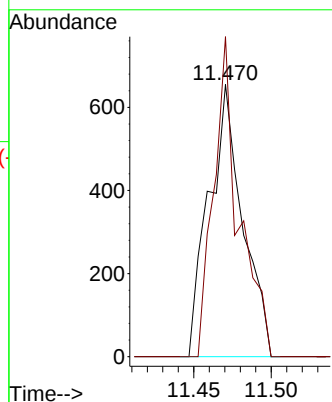
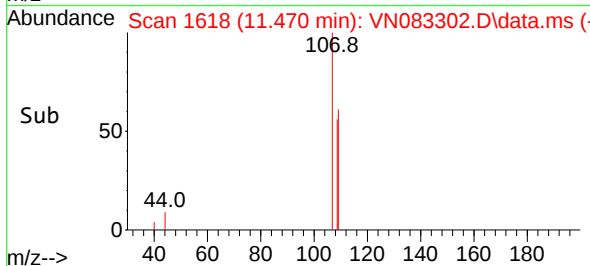
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



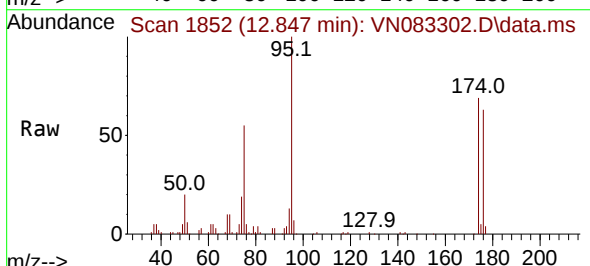
Tgt Ion: 107 Resp: 99
Ion Ratio Lower Upper
107 100
109 88.0 73.7 110.5

Manual Integrations
APPROVED

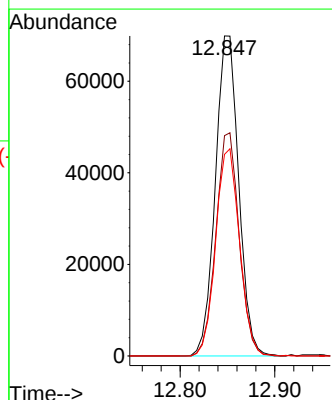
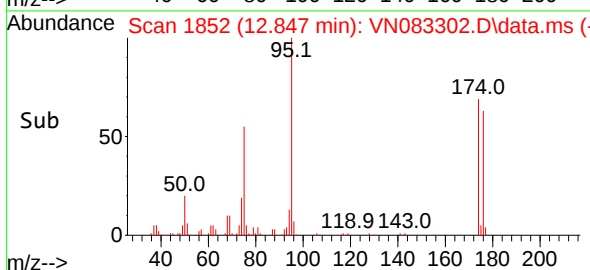
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

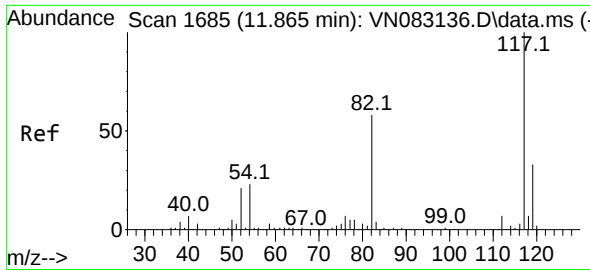


#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



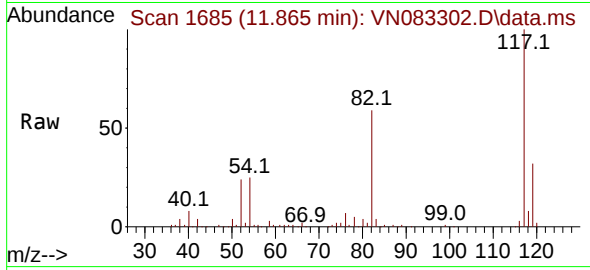
Tgt Ion: 95 Resp: 120109
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 66.0 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

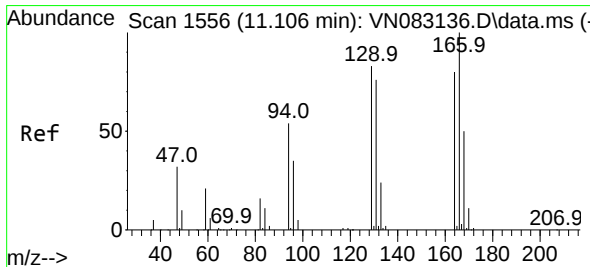
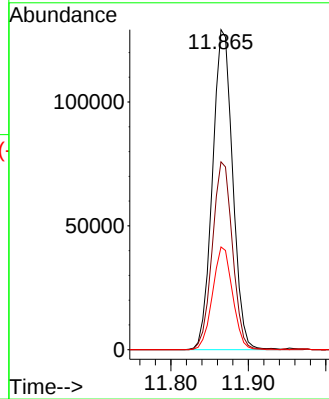
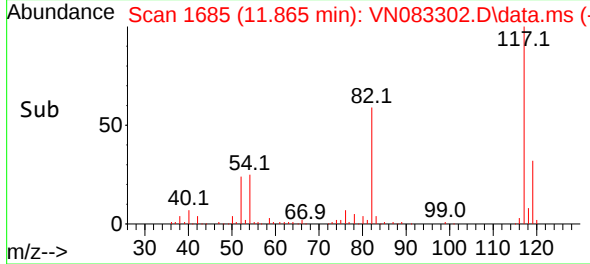
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:117 Resp: 233550
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.1 25.6 38.4

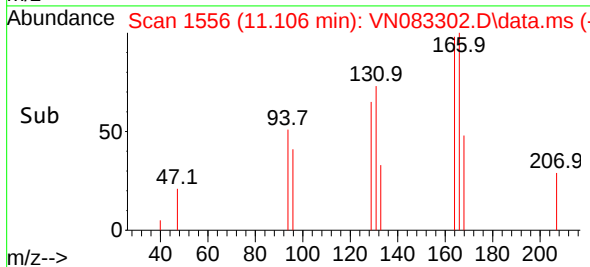
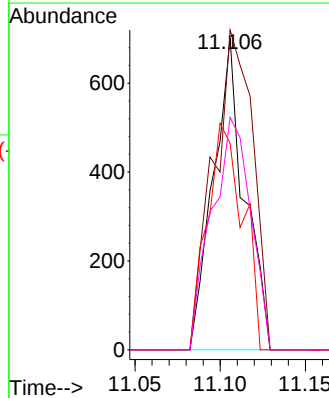
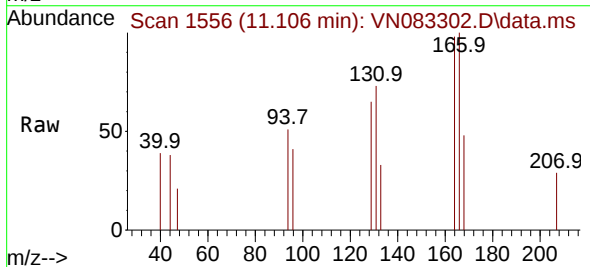
Manual Integrations
APPROVED

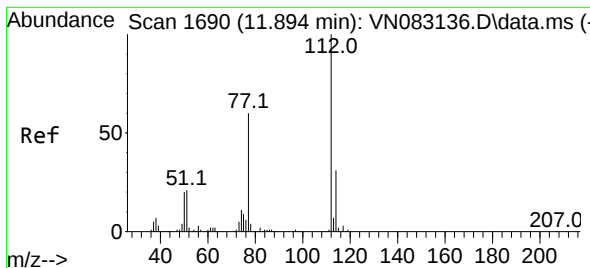
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#64
Tetrachloroethene
Concen: 0.579 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

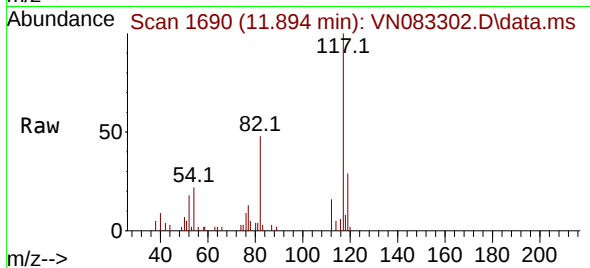
Tgt Ion:164 Resp: 895
Ion Ratio Lower Upper
164 100
166 102.6 101.4 152.0
129 66.2 75.7 113.5#
131 74.5 73.8 110.6





#65
Chlorobenzene
Concen: 0.552 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

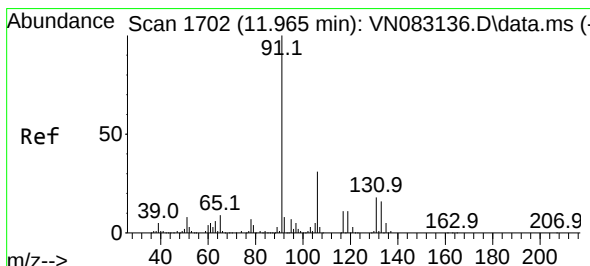
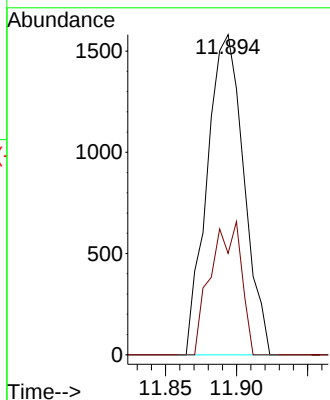
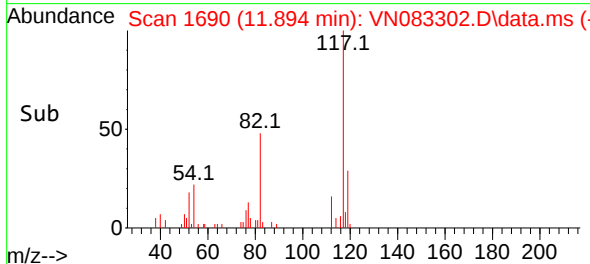
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



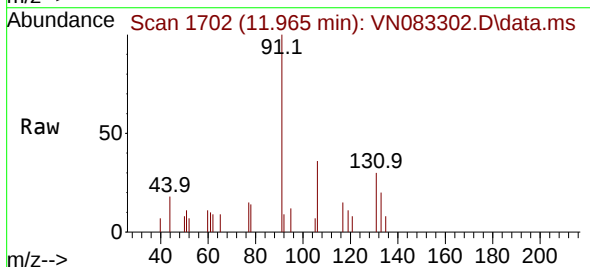
Tgt Ion:112 Resp: 2849
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

Manual Integrations
APPROVED

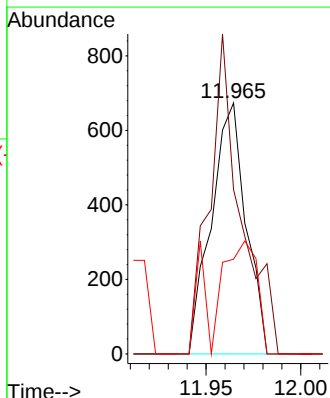
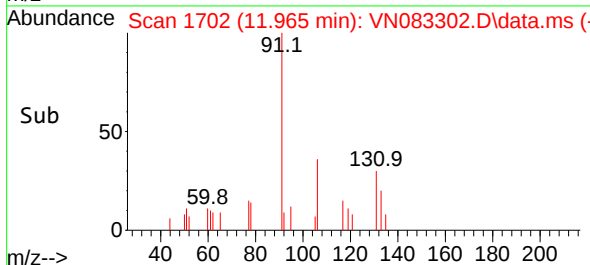
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

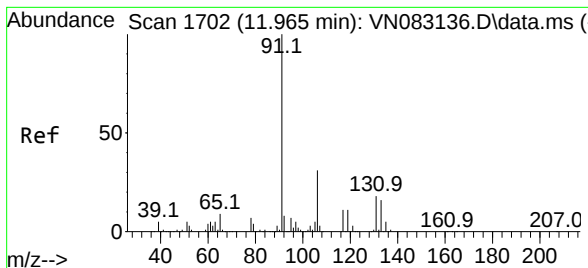


#66
1,1,1,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



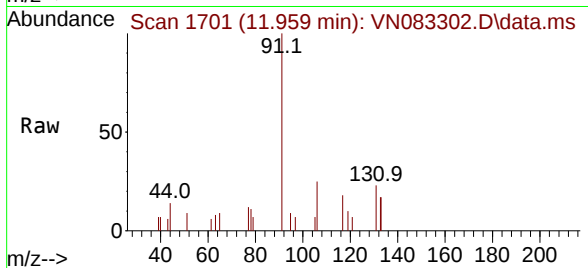
Tgt Ion:131 Resp: 857
Ion Ratio Lower Upper
131 100
133 114.9 47.3 142.0
119 0.0 32.5 97.4#





#67
Ethyl Benzene
Concen: 0.474 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

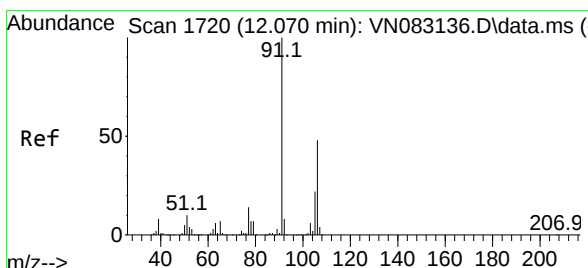
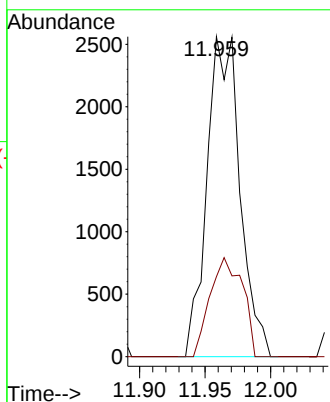
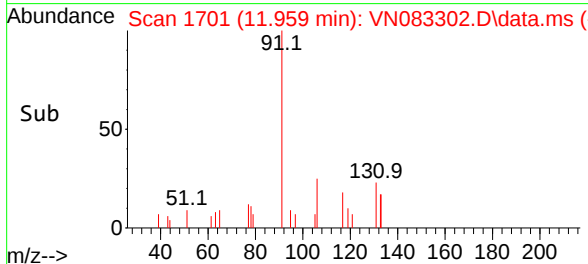
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



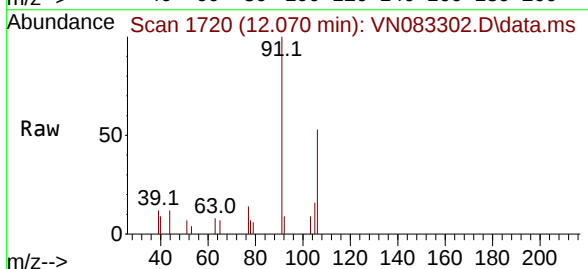
Tgt Ion: 91 Resp: 4480
Ion Ratio Lower Upper
91 100
106 25.0 24.0 36.0

Manual Integrations
APPROVED

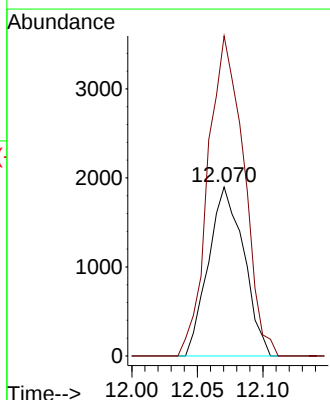
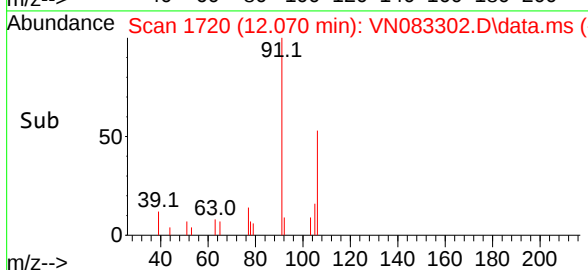
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

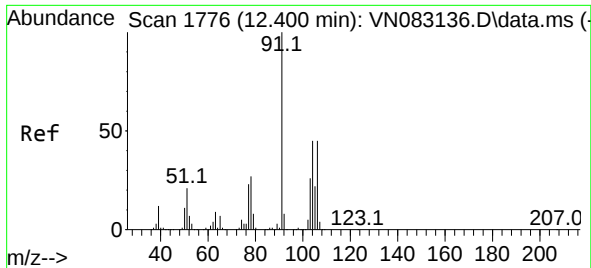


#68
m/p-Xylenes
Concen: 1.007 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion:106 Resp: 3570
Ion Ratio Lower Upper
106 100
91 190.5 166.1 249.1





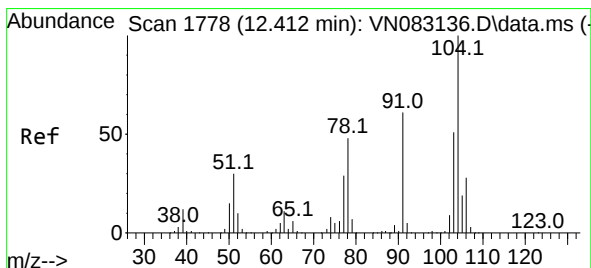
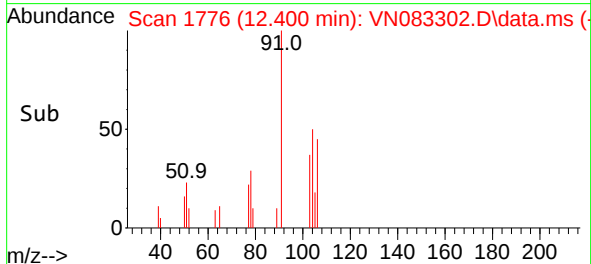
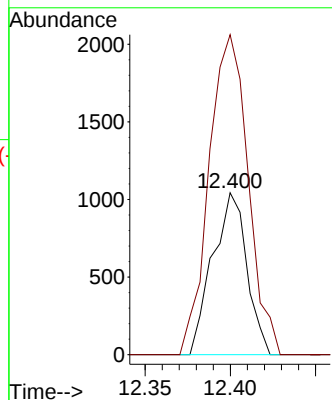
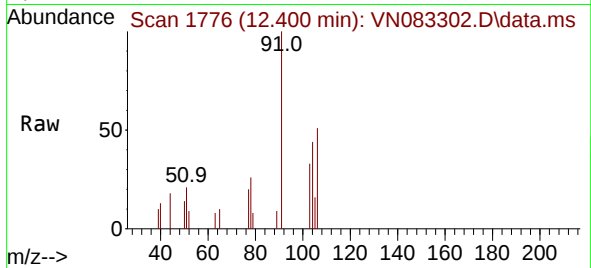
#69
o-Xylene
Concen: 0.416 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

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

Tgt Ion:106 Resp: 1454
Ion Ratio Lower Upper
106 100
91 226.1 111.3 333.9

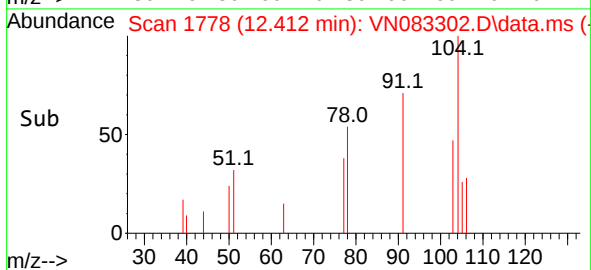
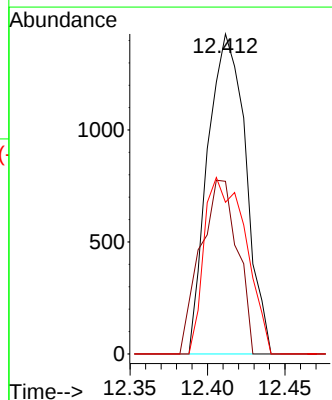
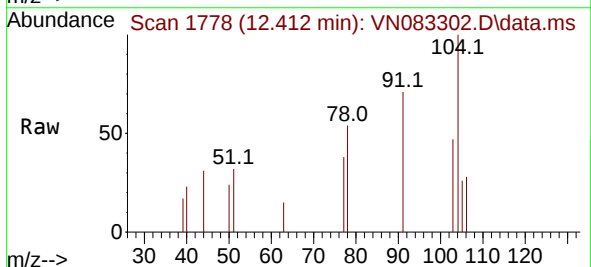
Manual Integrations
APPROVED

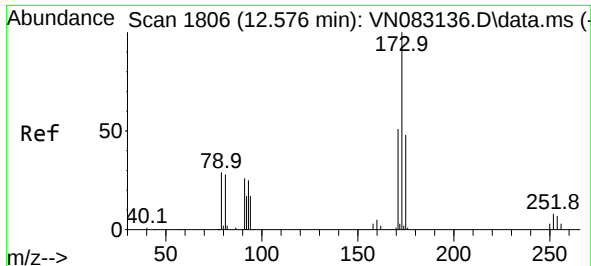
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#70
Styrene
Concen: 0.415 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

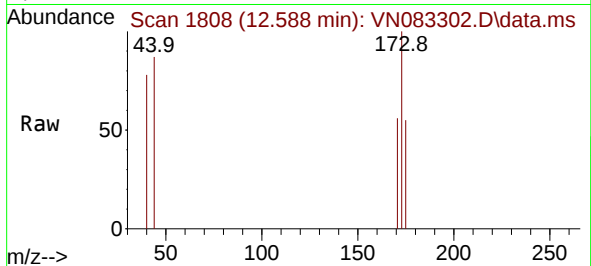
Tgt Ion:104 Resp: 2437
Ion Ratio Lower Upper
104 100
78 53.1 41.6 62.4
103 60.2 44.0 66.0





#71
Bromoform
Concen: 0.383 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

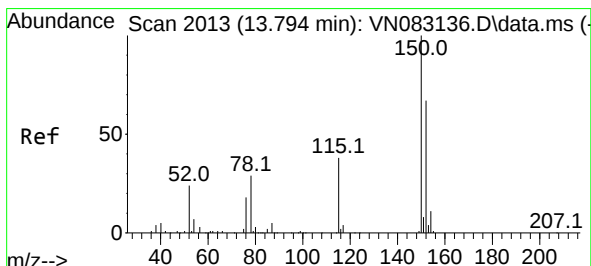
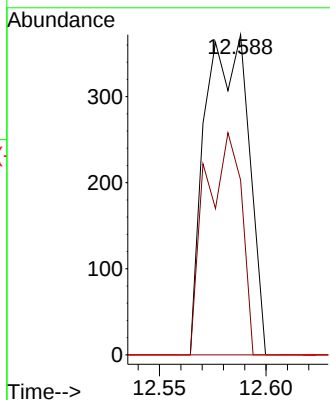
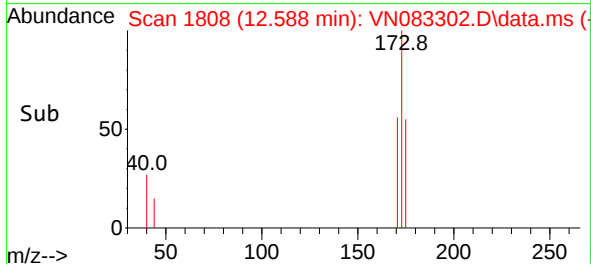
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



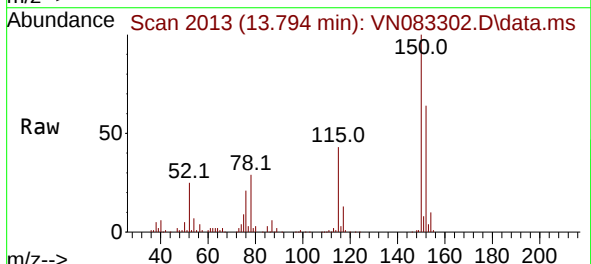
Tgt Ion:173 Resp: 528
Ion Ratio Lower Upper
173 100
175 57.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

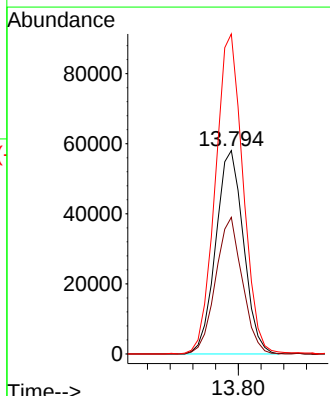
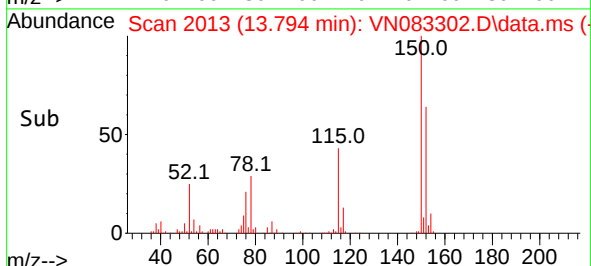
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

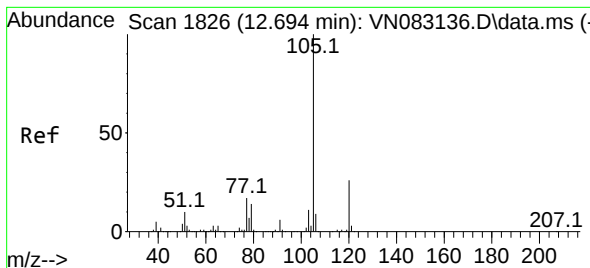


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion:152 Resp: 98327
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 157.6 0.0 348.6





#73

Isopropylbenzene

Concen: 0.447 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

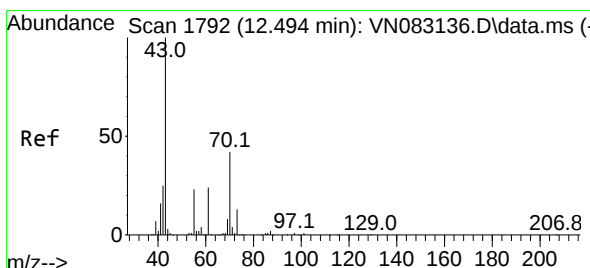
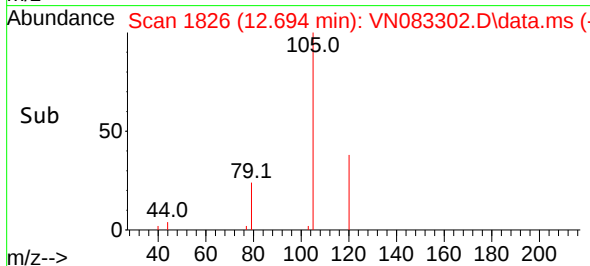
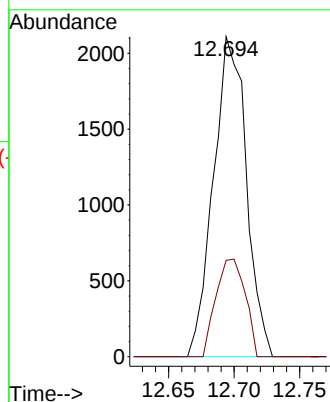
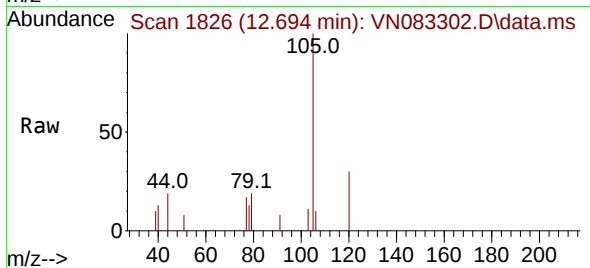
MDL-WATER-03-QT3-2024

Tgt Ion:105 Resp: 3679
 Ion Ratio Lower Upper
 105 100
 120 27.0 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: 0.448 ug/l

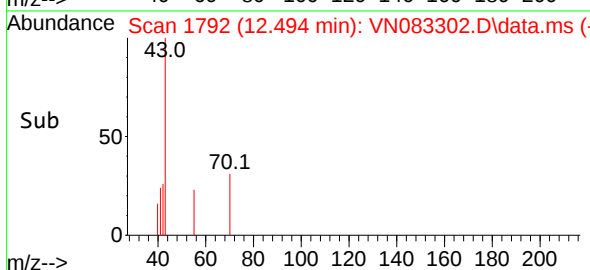
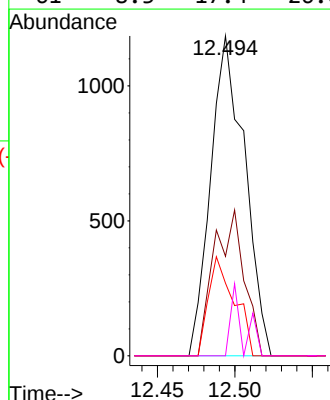
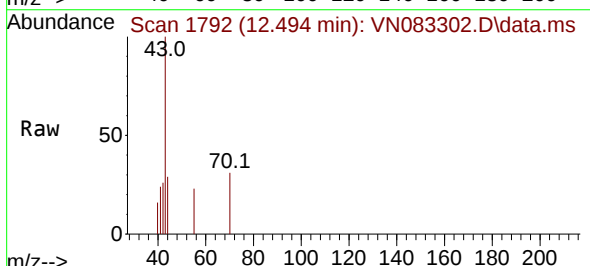
RT: 12.494 min Scan# 1792

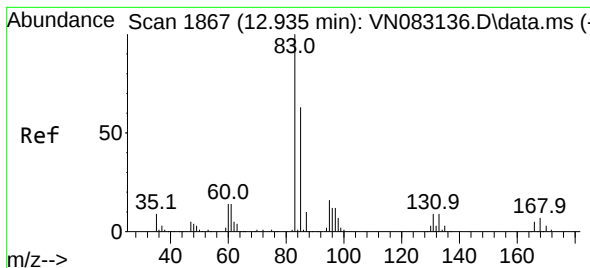
Delta R.T. -0.000 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

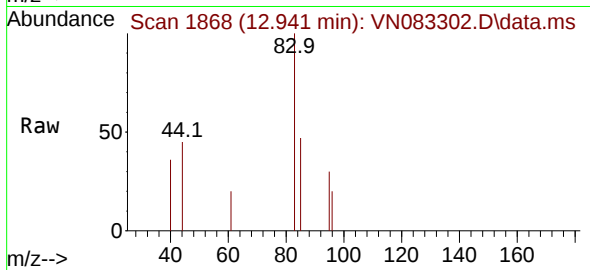
Tgt Ion: 43 Resp: 1803
 Ion Ratio Lower Upper
 43 100
 70 40.5 29.8 44.6
 55 23.7 18.7 28.1
 61 8.3 17.4 26.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.465 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

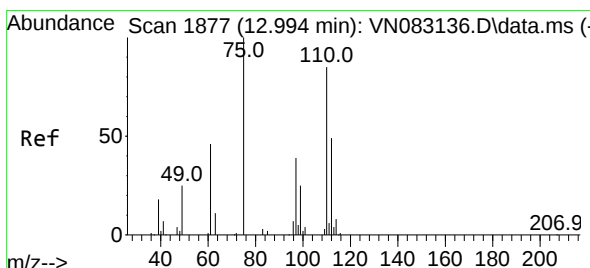
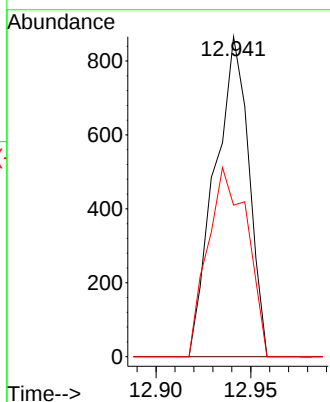
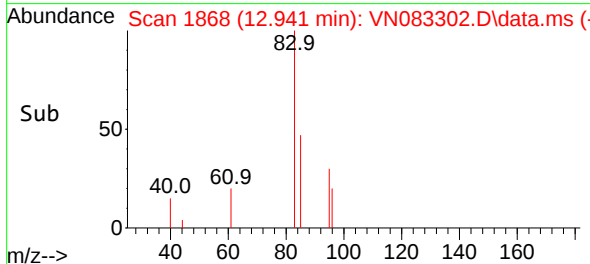
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 83 Resp: 108
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9
85 68.5 31.9 95.7

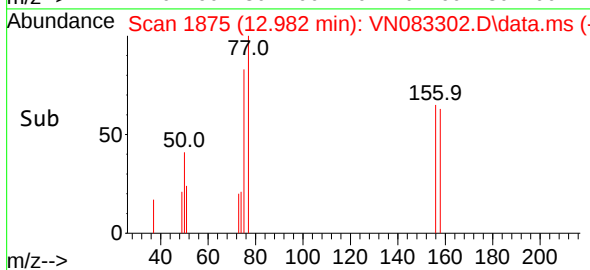
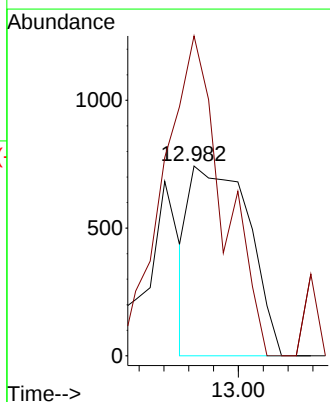
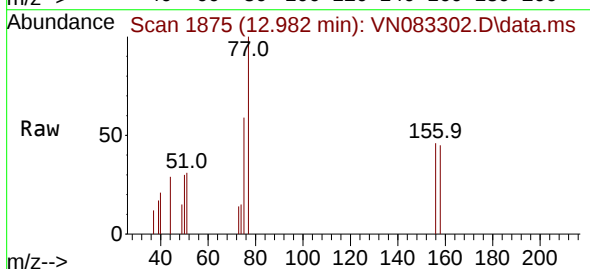
Manual Integrations
APPROVED

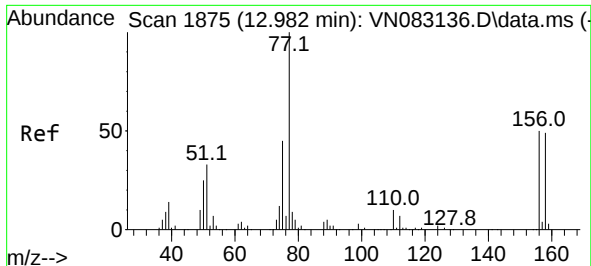
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#76
1,2,3-Trichloropropane
Concen: 0.572 ug/l m
RT: 12.982 min Scan# 1875
Delta R.T. -0.012 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

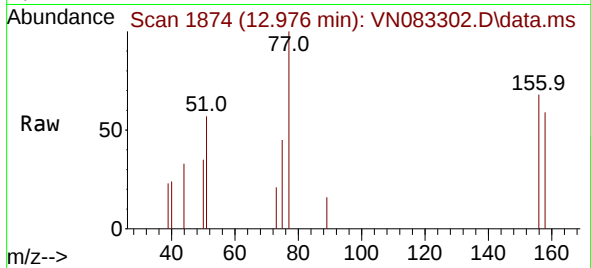
Tgt Ion: 75 Resp: 1235
Ion Ratio Lower Upper
75 100
77 70.9 110.9 332.6#





#77
Bromobenzene
Concen: 0.556 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

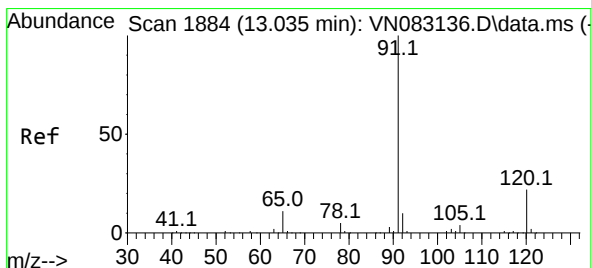
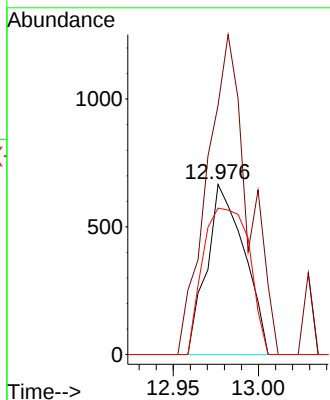
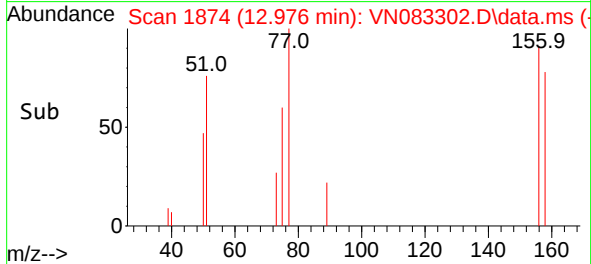
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



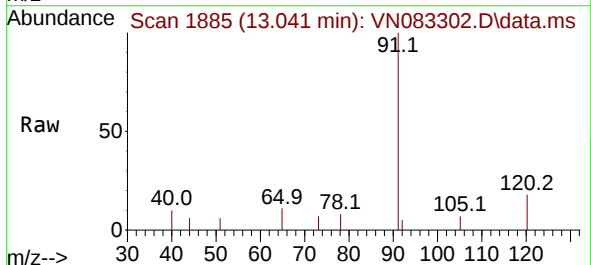
Tgt Ion:156 Resp: 101
Ion Ratio Lower Upper
156 100
77 206.9 111.3 333.8
158 107.2 48.3 144.9

Manual Integrations
APPROVED

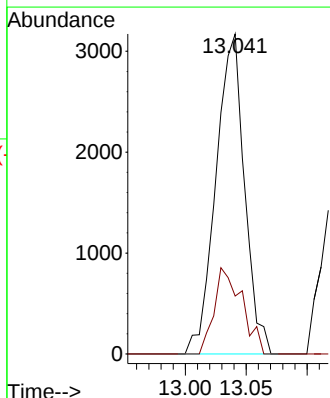
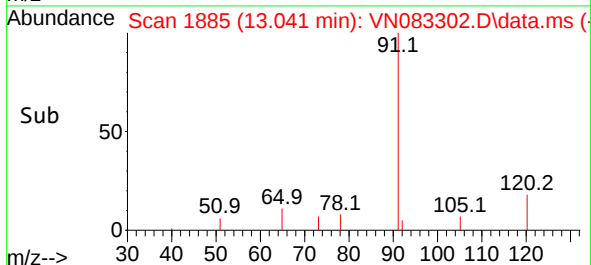
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

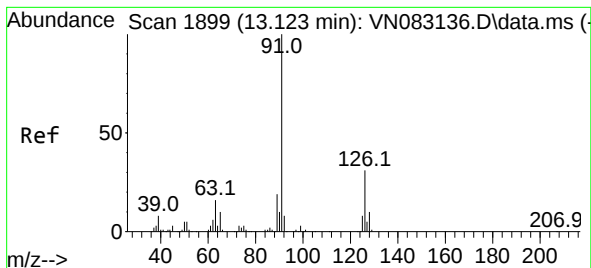


#78
n-propylbenzene
Concen: 0.548 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion: 91 Resp: 5185
Ion Ratio Lower Upper
91 100
120 26.2 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.539 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

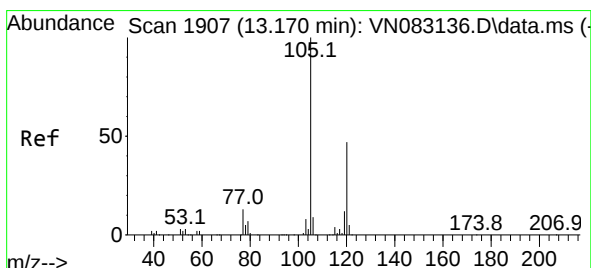
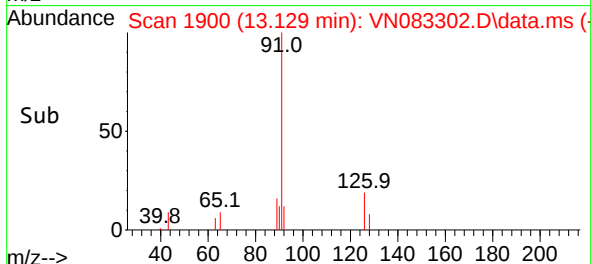
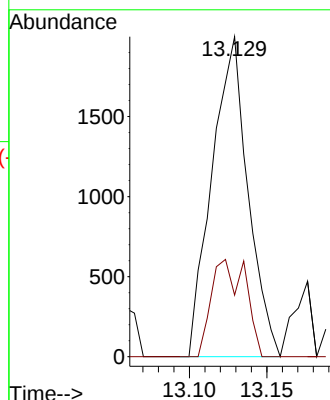
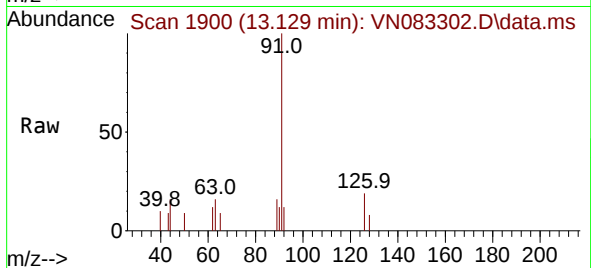
MDL-WATER-03-QT3-2024

Tgt Ion: 91 Resp: 3234
 Ion Ratio Lower Upper
 91 100
 126 28.6 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: 0.507 ug/l

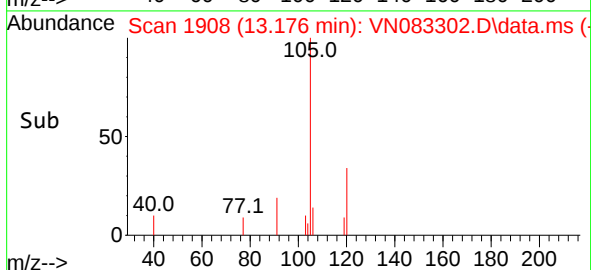
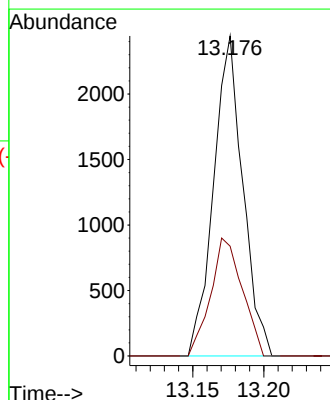
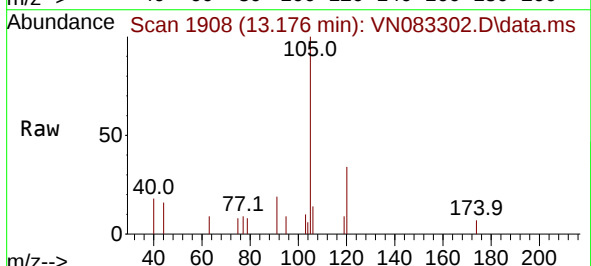
RT: 13.176 min Scan# 1908

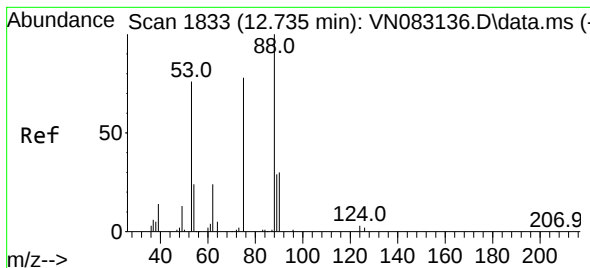
Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

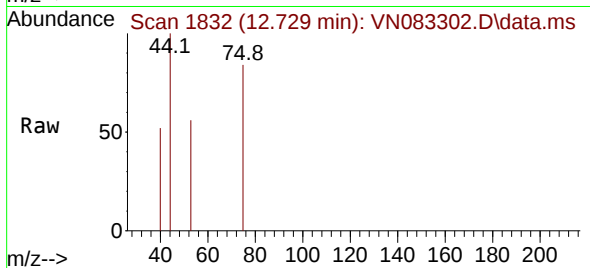
Tgt Ion:105 Resp: 3493
 Ion Ratio Lower Upper
 105 100
 120 39.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 0.324 ug/l m
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

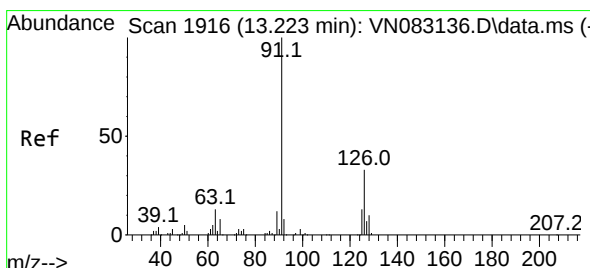
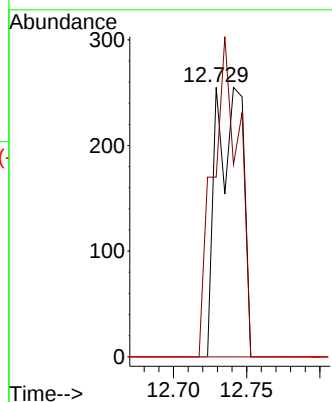
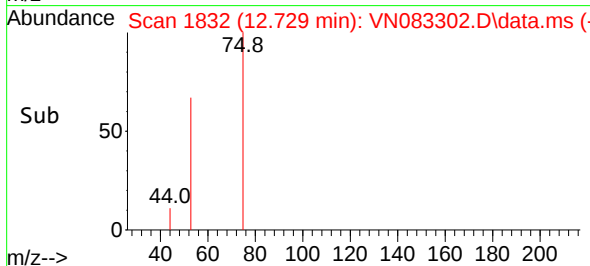
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



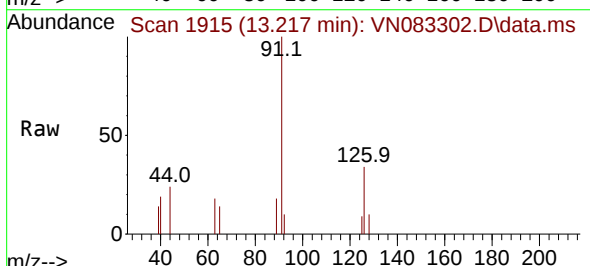
Tgt Ion: 75 Resp: 320
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6
89 0.0 36.3 54.5

Manual Integrations
APPROVED

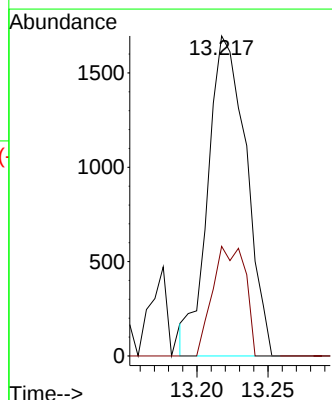
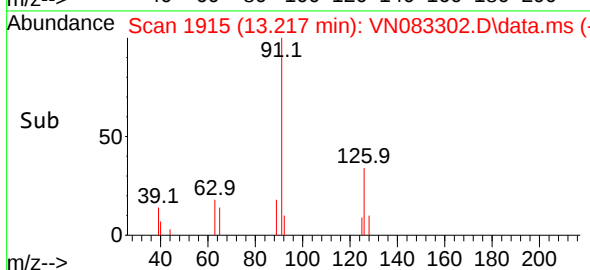
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

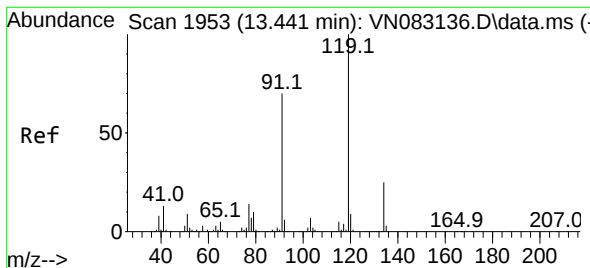


#82
4-Chlorotoluene
Concen: 0.526 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion: 91 Resp: 3168
Ion Ratio Lower Upper
91 100
126 29.3 16.2 48.6





#83

tert-Butylbenzene

Concen: 0.458 ug/l

RT: 13.435 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN083302.D

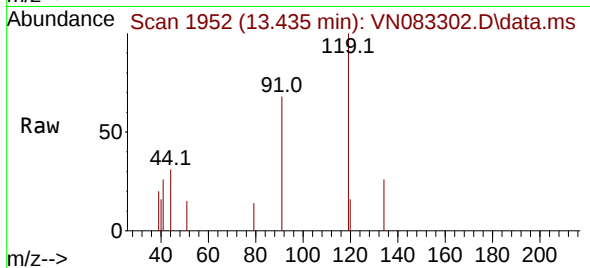
Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:119 Resp: 2790

Ion Ratio Lower Upper

119 100

91 76.9 35.0 105.1

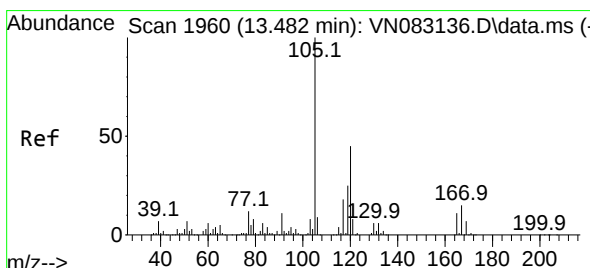
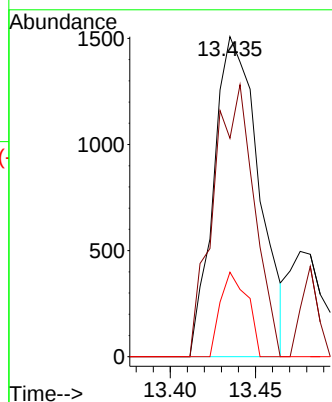
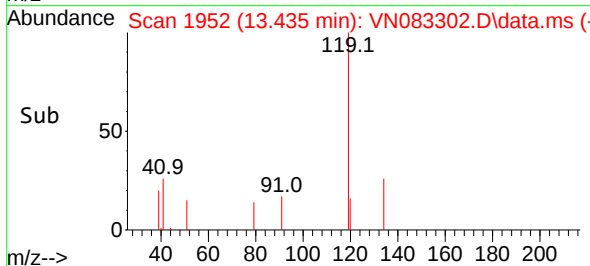
134 15.8 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.447 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083302.D

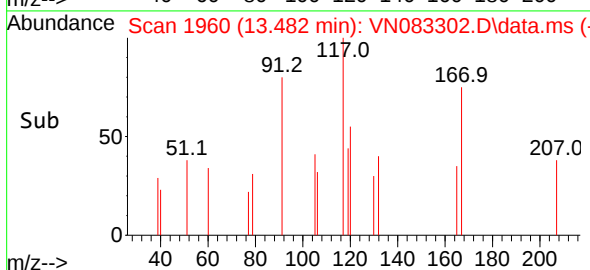
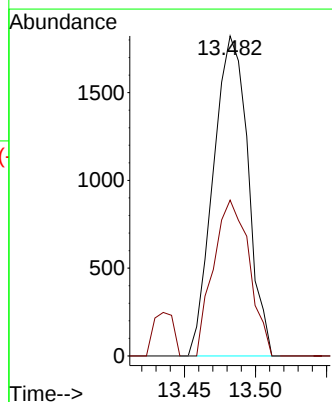
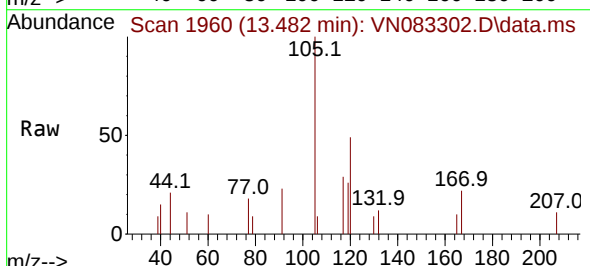
Acq: 14 Aug 2024 15:40

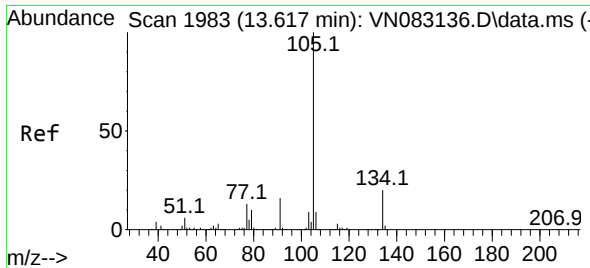
Tgt Ion:105 Resp: 3099

Ion Ratio Lower Upper

105 100

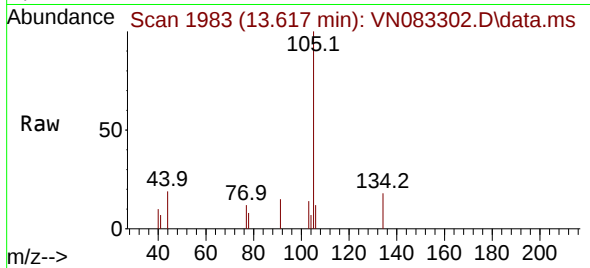
120 50.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 0.439 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083302.D
 Acq: 14 Aug 2024 15:40

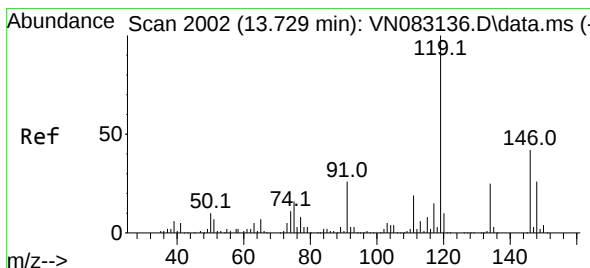
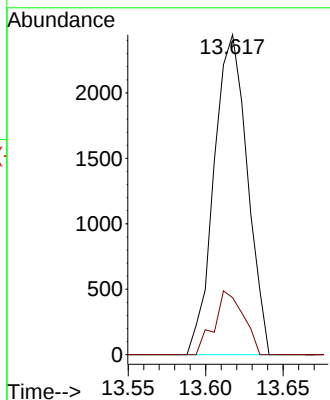
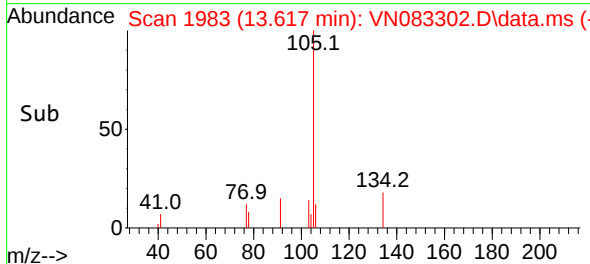
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT3-2024



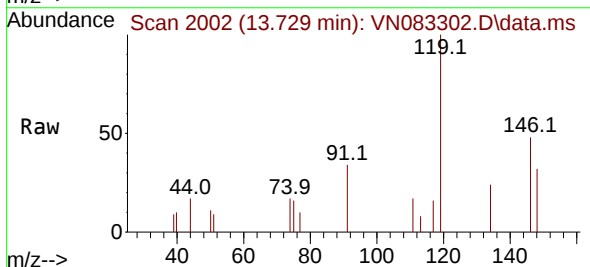
Tgt Ion:105 Resp: 3650
 Ion Ratio Lower Upper
 105 100
 134 17.4 9.8 29.3

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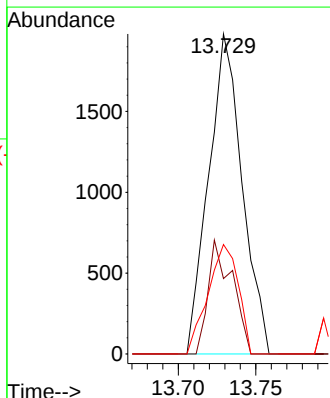
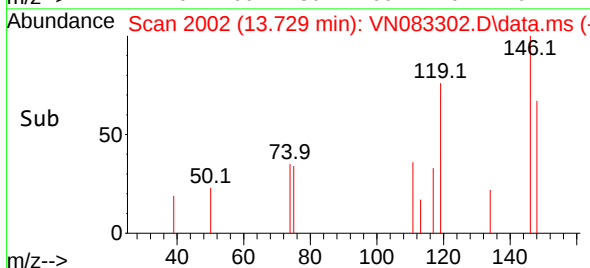
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

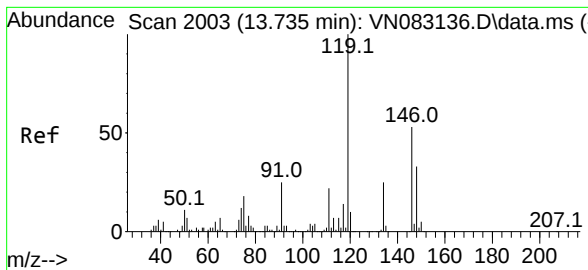


#86
 p-Isopropyltoluene
 Concen: 0.433 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083302.D
 Acq: 14 Aug 2024 15:40



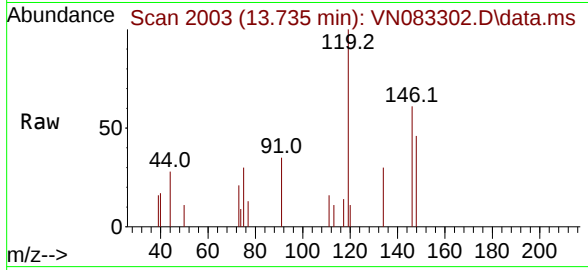
Tgt Ion:119 Resp: 2978
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 30.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 0.520 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

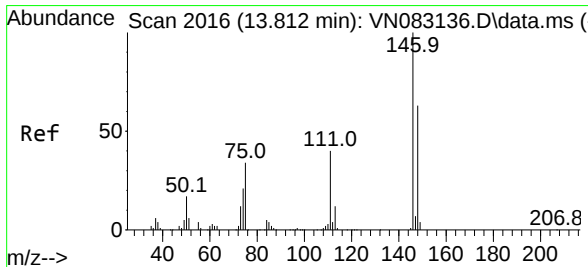
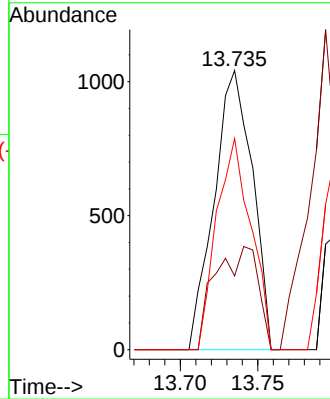
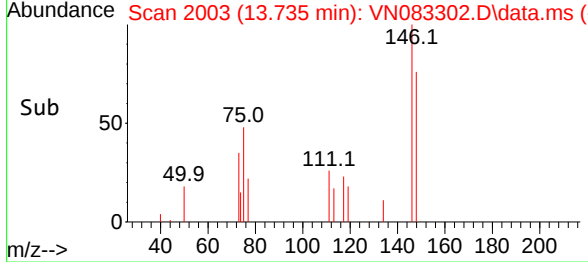
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2024



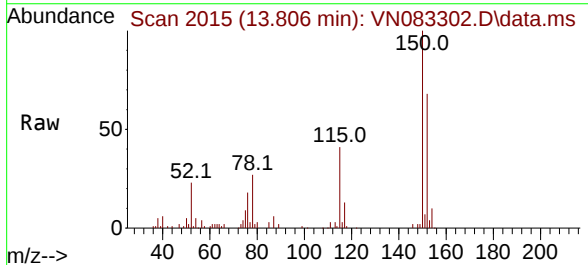
Tgt Ion:146 Resp: 1789
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 68.0 31.8 95.3

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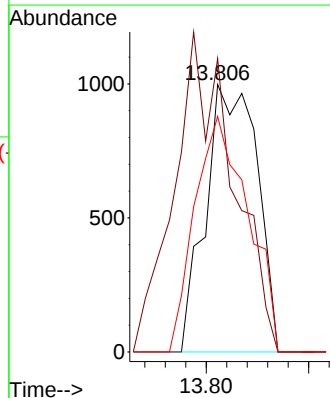
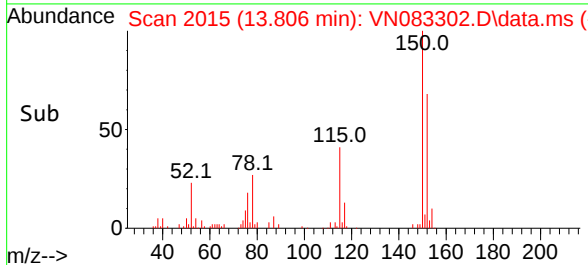
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

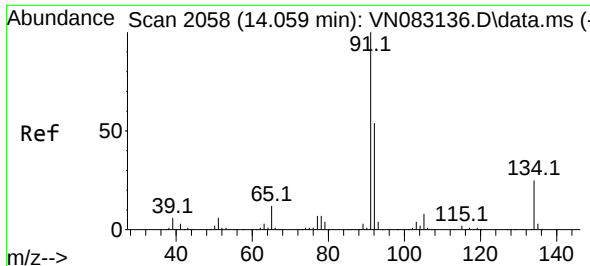


#88
1,4-Dichlorobenzene
Concen: 0.502 ug/l m
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion:146 Resp: 1741
Ion Ratio Lower Upper
146 100
111 42.2 20.1 60.3
148 69.8 32.2 96.6





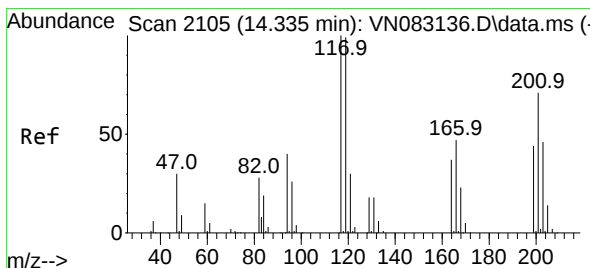
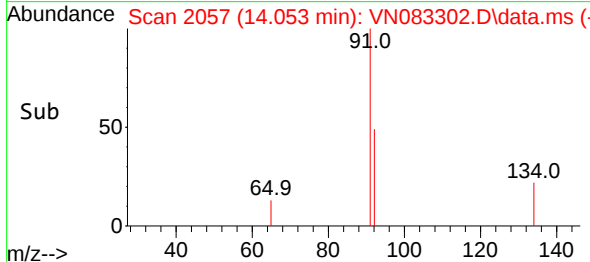
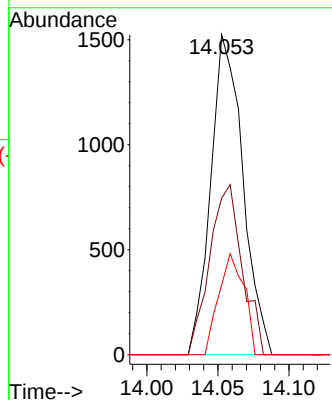
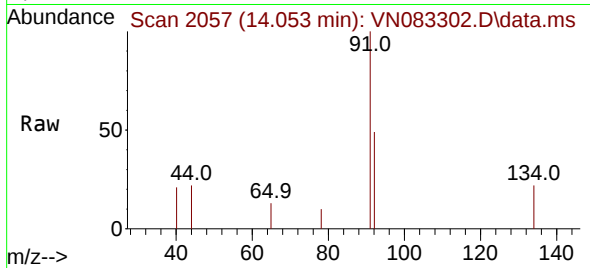
#89
n-Butylbenzene
Concen: 0.402 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

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

Tgt Ion: 91	Resp: 239
Ion Ratio	Lower Upper
91	100
92	53.7 26.1 78.3
134	24.8 12.1 36.3

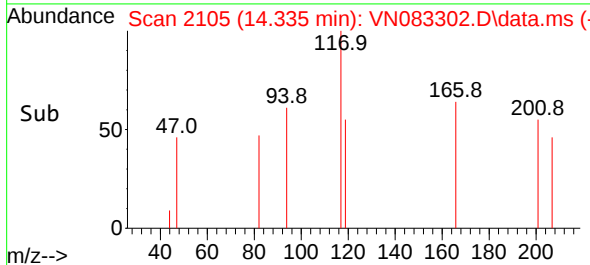
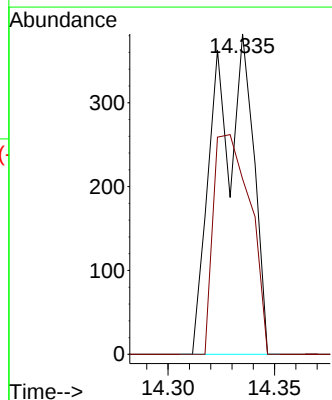
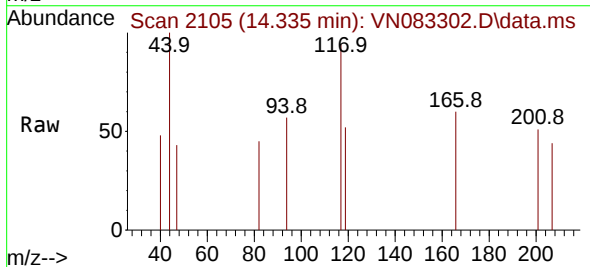
Manual Integrations
APPROVED

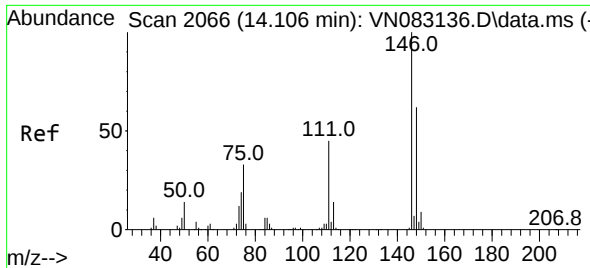
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#90
Hexachloroethane
Concen: 0.352 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

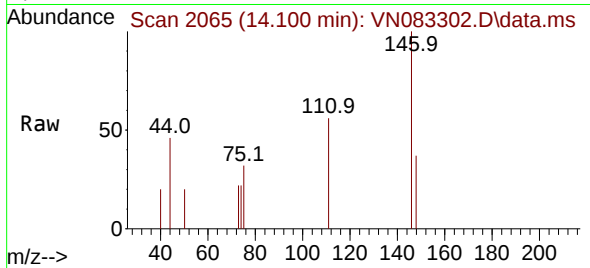
Tgt Ion:117	Resp: 467
Ion Ratio	Lower Upper
117	100
201	67.7 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 0.507 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40

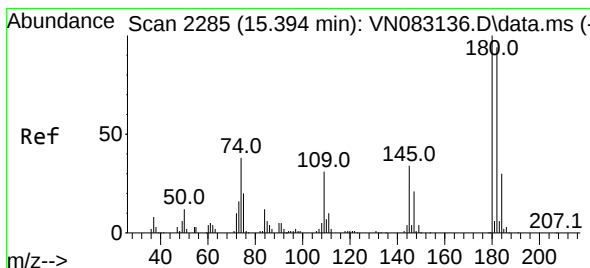
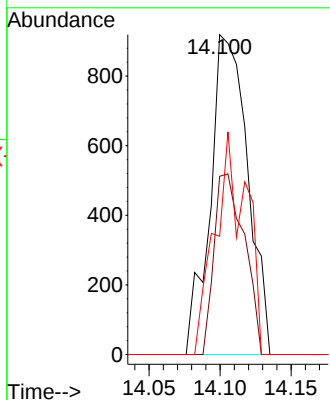
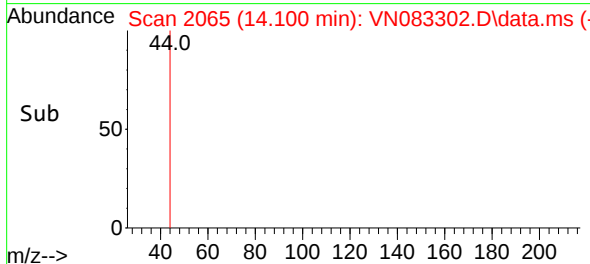
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2024



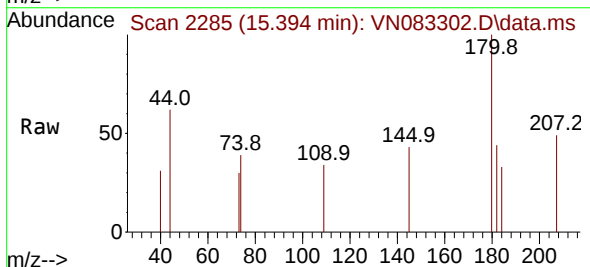
Tgt Ion:146 Resp: 168
Ion Ratio Lower Upper
146 100
111 45.5 21.4 64.2
148 58.4 32.1 96.5

Manual Integrations
APPROVED

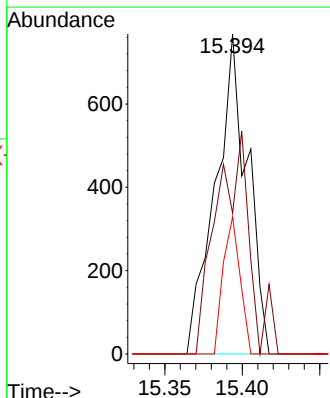
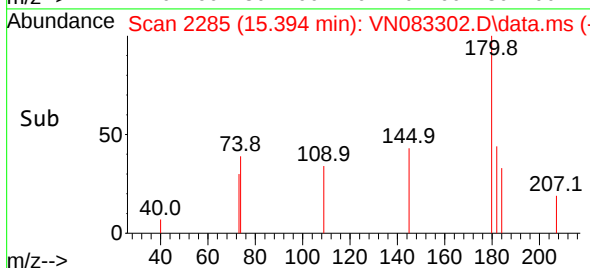
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

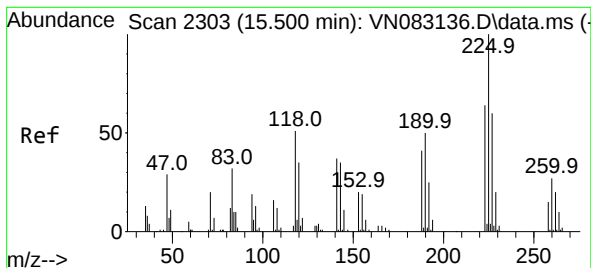


#93
1,2,4-Trichlorobenzene
Concen: 0.592 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN083302.D
Acq: 14 Aug 2024 15:40



Tgt Ion:180 Resp: 1104
Ion Ratio Lower Upper
180 100
182 72.2 47.3 141.8
145 22.6 15.7 47.1





#94

Hexachlorobutadiene

Concen: 0.585 ug/l

RT: 15.505 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

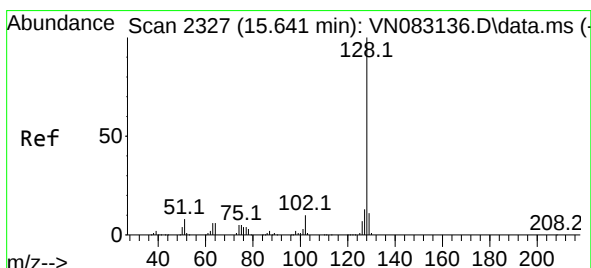
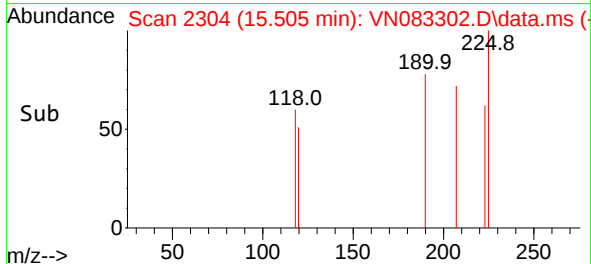
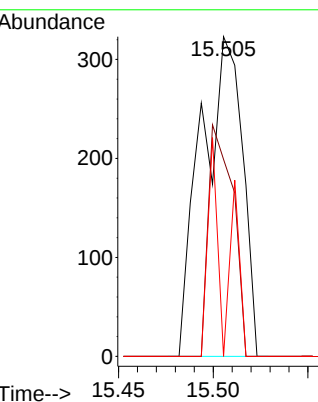
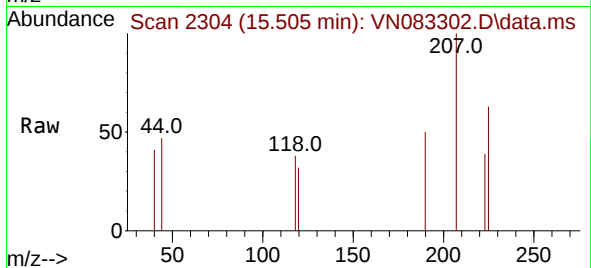
MDL-WATER-03-QT3-2024

Tgt Ion:	225	Resp:	489
Ion Ratio	Lower	Upper	
225	100		
223	43.5	31.9	95.7
227	29.1	32.5	97.5

Manual Integrations

APPROVED

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



#95

Naphthalene

Concen: 0.472 ug/l

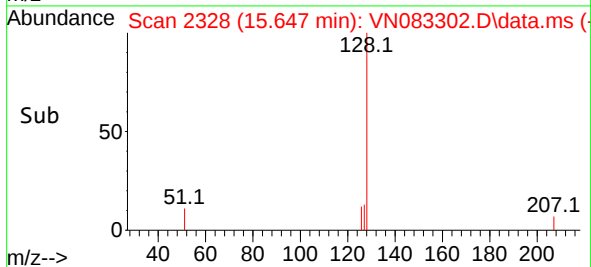
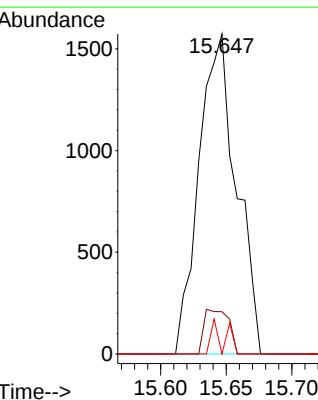
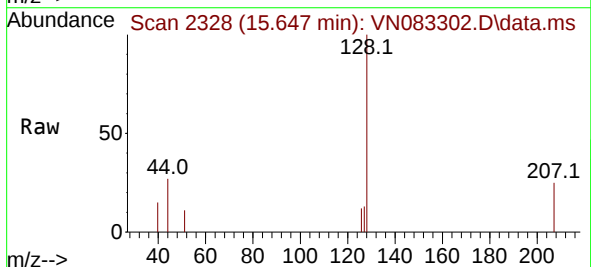
RT: 15.647 min Scan# 2328

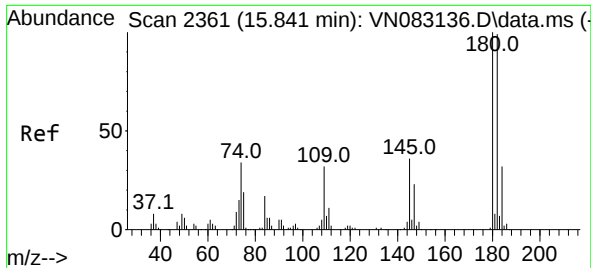
Delta R.T. 0.006 min

Lab File: VN083302.D

Acq: 14 Aug 2024 15:40

Tgt Ion:	128	Resp:	3116
Ion Ratio	Lower	Upper	
128	100		
127	9.1	10.6	16.0#
129	3.7	8.6	12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.532 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083302.D

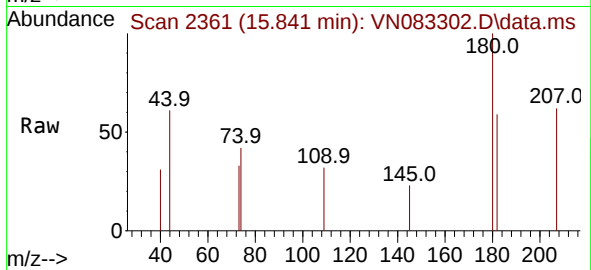
Acq: 14 Aug 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	180	Resp:	98
Ion Ratio	Lower	Upper	
180	100		
182	82.0	48.9	146.8
145	11.7	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024

