

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083541.D
 Acq On : 28 Aug 2024 17:20
 Operator : JC\MD
 Sample : P3390-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 29 01:40:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	28543	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168713	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	145141	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	80206	31.264	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.200%			
60) 4-Bromofluorobenzene	12.847	95	73256	28.509	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.033%			
63) Toluene-d8	10.565	98	203058	30.304	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	4941	2.578	ug/l	96
3) Chloromethane	2.359	50	5780	2.932	ug/l	96
4) Vinyl Chloride	2.512	62	5217	2.521	ug/l #	58
5) Bromomethane	2.900	94	2764	2.741	ug/l	98
6) Chloroethane	3.059	64	8067m	5.950	ug/l	
7) Trichlorofluoromethane	3.459	101	8662	2.532	ug/l	99
8) Diethyl Ether	3.953	74	3112m	2.590	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.359	101	4631m	2.450	ug/l	
10) 1,1-Dichloroethene	4.318	96	4756	2.658	ug/l	99
11) Methyl Iodide	4.565	142	4247m	1.725	ug/l	
12) Methyl Acetate	5.030	43	9633m	3.137	ug/l	
13) Acrolein	4.171	56	4168	14.071	ug/l #	77
14) Acrylonitrile	5.730	53	12408m	13.010	ug/l	
15) Acetone	4.441	58	3341m	11.840	ug/l	
16) Carbon Disulfide	4.700	76	13241	2.746	ug/l	97
17) Allyl chloride	5.024	41	8240m	2.494	ug/l	
18) Methylene Chloride	5.265	84	5364	2.703	ug/l #	85
19) trans-1,2-Dichloroethene	5.783	96	4725	2.562	ug/l	87
20) Diisopropyl ether	6.671	45	14743	2.295	ug/l	95
21) 1,1-Dichloroethane	6.559	63	9742	2.686	ug/l	96
22) cis-1,2-Dichloroethene	7.482	96	5980	2.621	ug/l	90
23) tert-Butyl Alcohol	5.536	59	5199m	12.921	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	16754	2.528	ug/l #	89
25) Chloroform	7.971	83	9881	2.569	ug/l	98
26) Cyclohexane	8.259	56	7956	2.523	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	6381	2.411	ug/l	95
30) 2-Butanone	7.494	43	18593	13.693	ug/l #	76
31) 2,2-Dichloropropane	7.482	77	7317	2.132	ug/l #	86
32) 1,1,1-Trichloroethane	8.171	97	8898	2.515	ug/l	97
33) Carbon Tetrachloride	8.359	117	7330	2.380	ug/l	97
34) Benzene	8.600	78	19876	2.475	ug/l #	45
35) Methacrylonitrile	7.782	41	4290	2.730	ug/l	85
36) 1,2-Dichloroethane	8.671	62	7748	2.587	ug/l #	90
37) Trichloroethene	9.347	130	4362	2.292	ug/l	88
38) Methylcyclohexane	9.600	83	7499	2.310	ug/l	94
39) 1,2-Dichloropropane	9.618	63	4900	2.509	ug/l #	85
40) Dibromomethane	9.706	93	3597	2.566	ug/l	97
41) Bromodichloromethane	9.888	83	7034	2.322	ug/l	97
42) Vinyl Acetate	6.600	43	83210	12.487	ug/l	97

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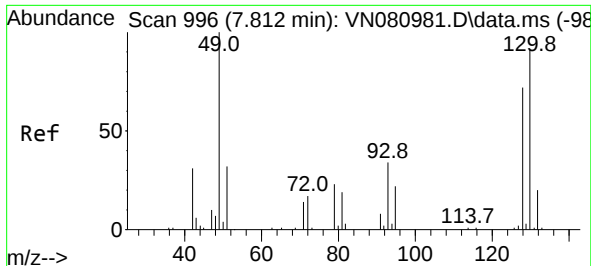
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	7823	3.000	ug/l #	77
44) Isopropyl Acetate	8.688	43	23412	3.800	ug/l #	66
45) 1,4-Dioxane	9.700	88	2208	55.262	ug/l #	83
46) Methyl methacrylate	9.688	41	5967	2.621	ug/l	75
47) n-amyl Acetate	12.494	43	10499	2.476	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	7758m	2.415	ug/l	
49) cis-1,3-Dichloropropene	10.318	75	7924	2.366	ug/l #	74
50) 1,1,2-Trichloroethane	11.018	97	4479	2.384	ug/l	92
51) Ethyl methacrylate	10.876	69	8428	2.572	ug/l	74
52) 1,3-Dichloropropane	11.170	76	8704	2.653	ug/l	100
53) Dibromochloromethane	11.365	129	4961	2.254	ug/l	93
54) 1,2-Dibromoethane	11.470	107	4556	2.367	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	17601	12.619	ug/l	98
56) Bromoform	12.582	173	3331	2.318	ug/l #	92
58) 4-Methyl-2-Pentanone	10.447	43	36573	14.208	ug/l #	87
59) 2-Hexanone	11.194	43	26505	13.426	ug/l	90
61) Tetrachloroethene	11.112	164	4147	2.690	ug/l #	68
62) Toluene	10.629	91	21126	2.516	ug/l	97
64) Chlorobenzene	11.894	112	12984	2.496	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	4654	2.514	ug/l	94
66) Ethyl Benzene	11.965	91	21539	2.274	ug/l	99
67) m/p-Xylenes	12.070	106	16487	4.697	ug/l	99
68) o-Xylene	12.400	106	8339	2.419	ug/l	98
69) Styrene	12.412	104	13036	2.221	ug/l	96
70) Isopropylbenzene	12.694	105	20490	2.250	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	7111	2.673	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	6270m	2.730	ug/l	
73) Bromobenzene	12.976	156	4860	2.358	ug/l	89
74) n-propylbenzene	13.035	91	21759	2.062	ug/l	98
75) 2-Chlorotoluene	13.123	91	16239	2.405	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	16976	2.233	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	2235	2.243	ug/l	94
78) 4-Chlorotoluene	13.223	91	14304	2.134	ug/l	94
79) tert-butylbenzene	13.441	119	15450	2.269	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	17602	2.271	ug/l	98
81) sec-Butylbenzene	13.617	105	19636	2.143	ug/l	99
82) p-Isopropyltoluene	13.729	119	15833	2.041	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	8923	2.217	ug/l	95
84) 1,4-Dichlorobenzene	13.811	146	8849	2.189	ug/l	98
85) n-Butylbenzene	14.059	91	13850	2.014	ug/l	99
86) Hexachloroethane	14.335	117	4190	2.757	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	8937	2.255	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	1785	2.935	ug/l #	68
89) 1,2,4-Trichlorobenzene	15.835	180	4438	2.043	ug/l	98
90) Hexachlorobutadiene	15.505	225	2162	2.342	ug/l	91
91) Naphthalene	15.641	128	15406	2.052	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	4438	2.043	ug/l	98

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



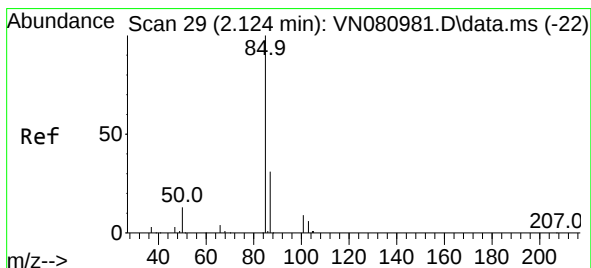
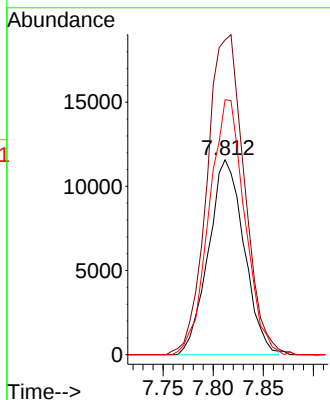
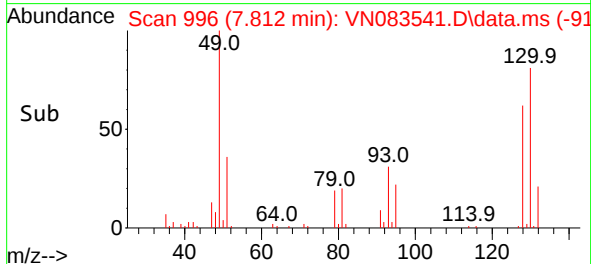
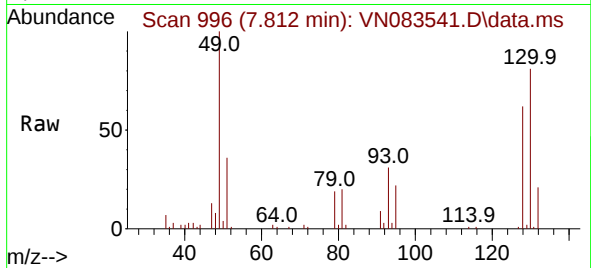
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
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LOD-MDL-WATER-01-QT3-2024

Tgt Ion:128 Resp: 2854
Ion Ratio Lower Upper
128 100
49 172.5 0.0 403.7
130 131.4 0.0 323.3

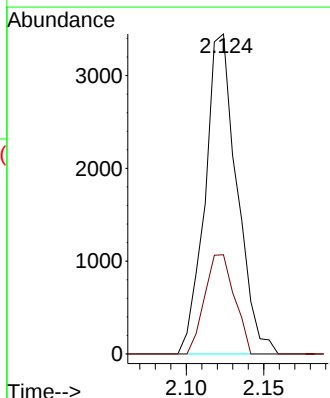
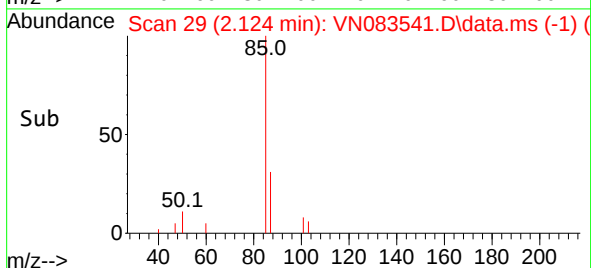
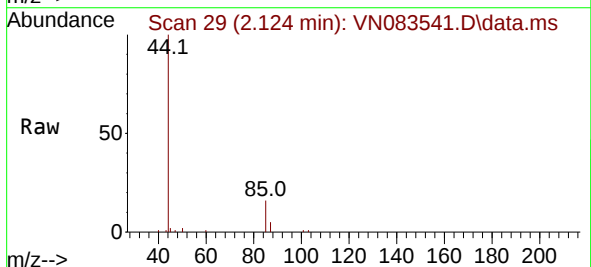
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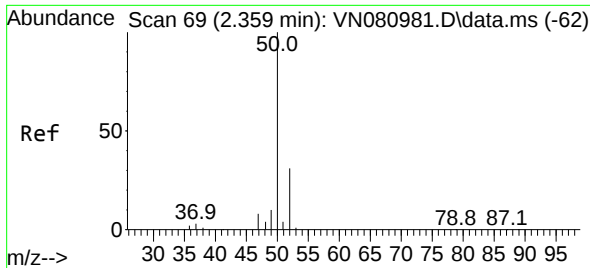
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#2
Dichlorodifluoromethane
Concen: 2.578 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

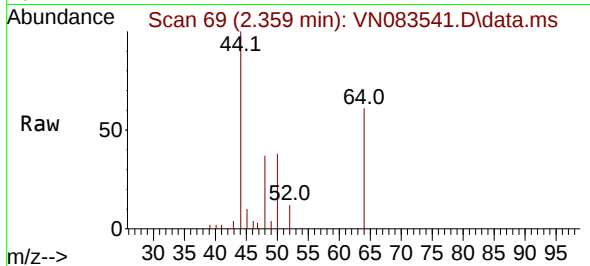
Tgt Ion: 85 Resp: 4941
Ion Ratio Lower Upper
85 100
87 31.0 16.8 50.3





#3
Chloromethane
Concen: 2.932 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

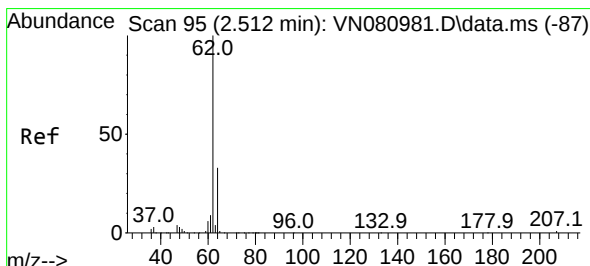
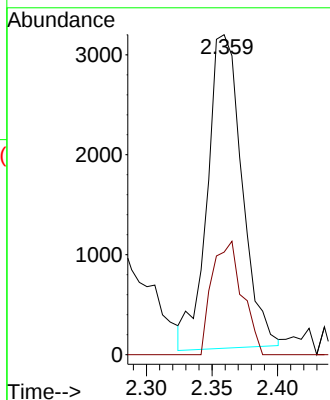
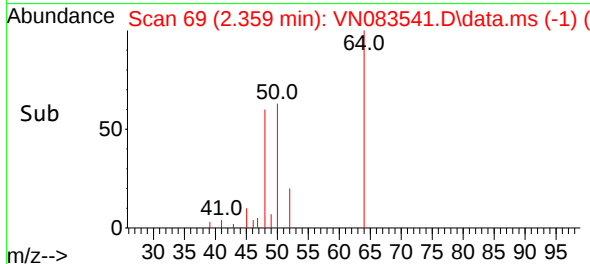
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



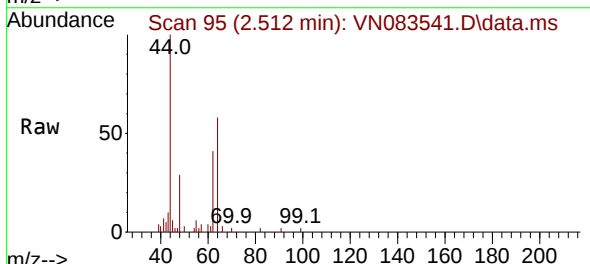
Tgt Ion: 50 Resp: 5780
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.0

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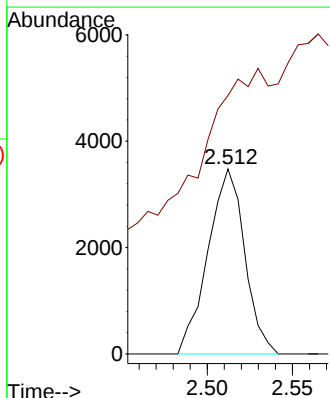
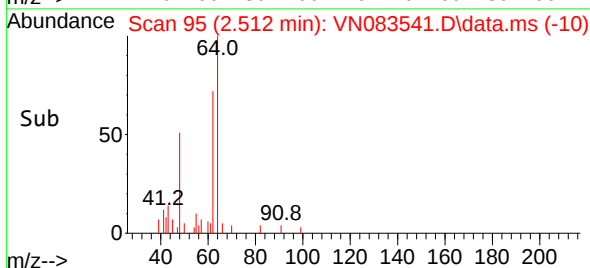
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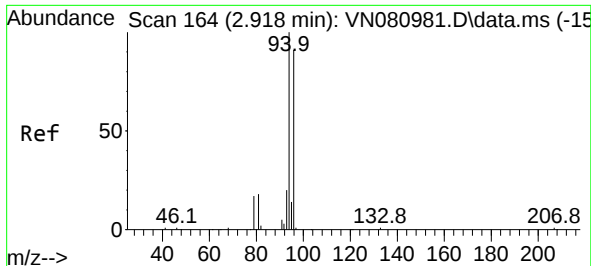


#4
Vinyl Chloride
Concen: 2.521 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



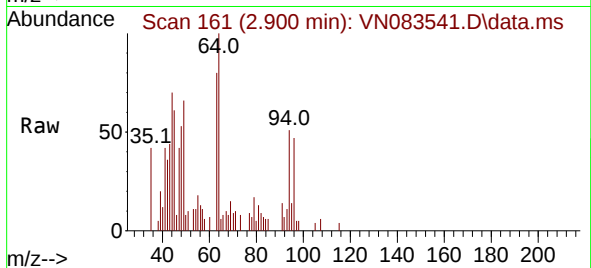
Tgt Ion: 62 Resp: 5217
Ion Ratio Lower Upper
62 100
64 53.0 24.1 36.1





#5
Bromomethane
Concen: 2.741 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

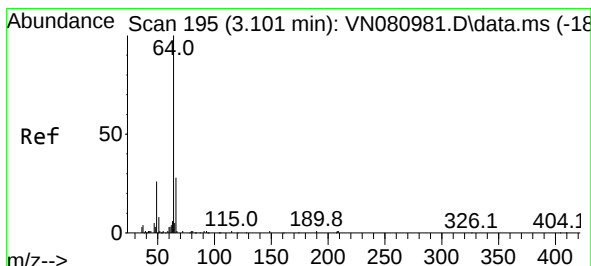
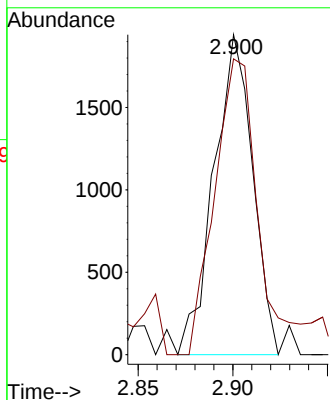
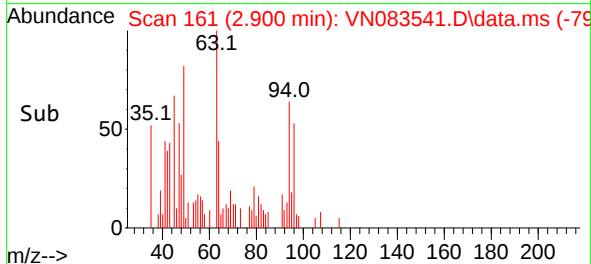
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 94 Resp: 2764
Ion Ratio Lower Upper
94 100
96 92.4 72.8 109.2

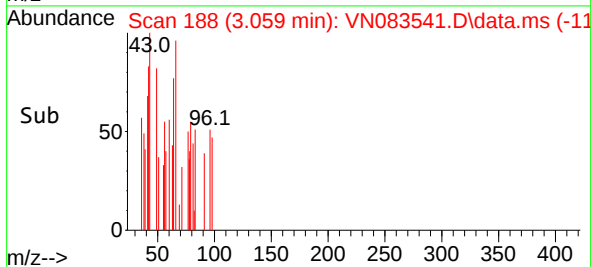
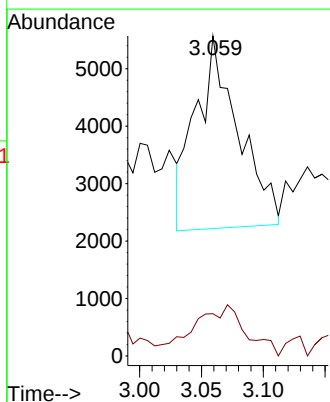
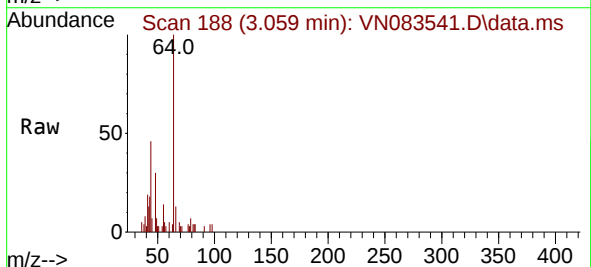
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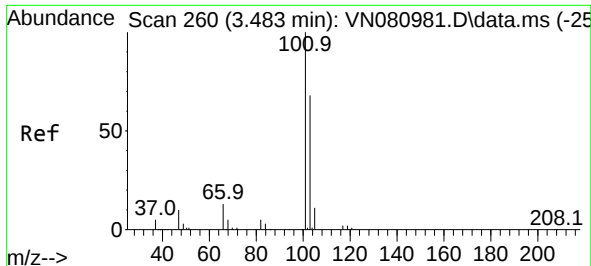
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#6
Chloroethane
Concen: 5.950 ug/l m
RT: 3.059 min Scan# 188
Delta R.T. -0.041 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

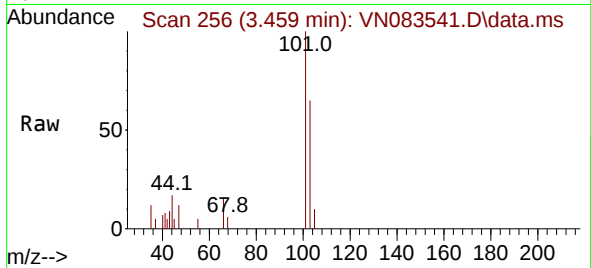
Tgt Ion: 64 Resp: 8067
Ion Ratio Lower Upper
64 100
66 13.2 26.7 40.1#





#7
 Trichlorofluoromethane
 Concen: 2.532 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

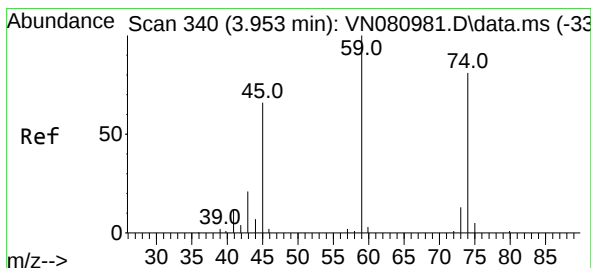
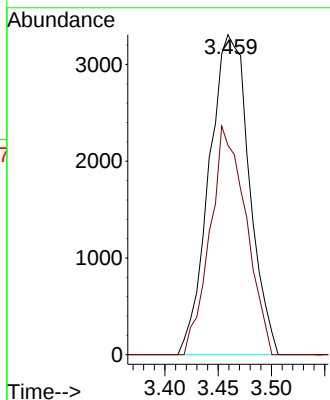
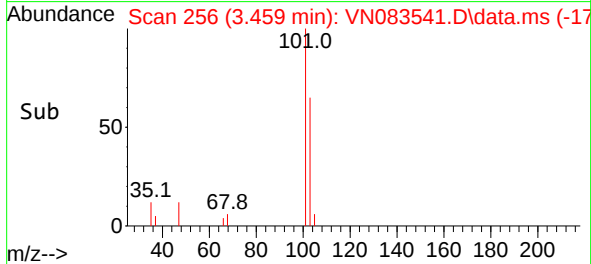
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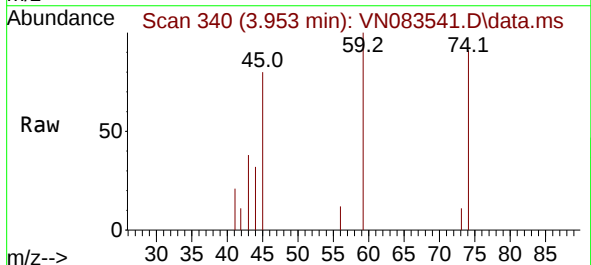
Tgt Ion:101 Resp: 866
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.0 79.4

Manual Integrations
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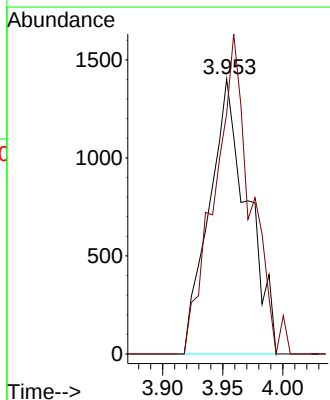
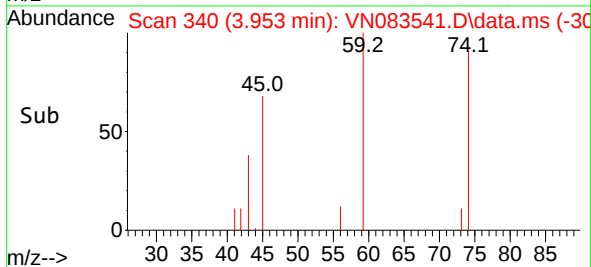
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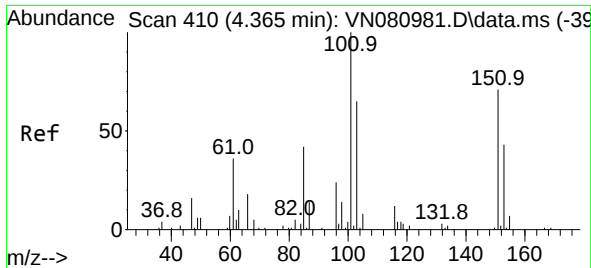


#8
 Diethyl Ether
 Concen: 2.590 ug/l m
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20



Tgt Ion: 74 Resp: 3112
 Ion Ratio Lower Upper
 74 100
 45 88.5 16.4 147.4





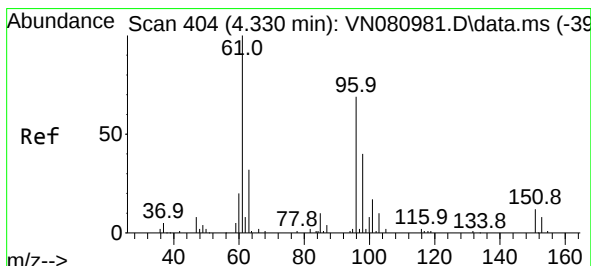
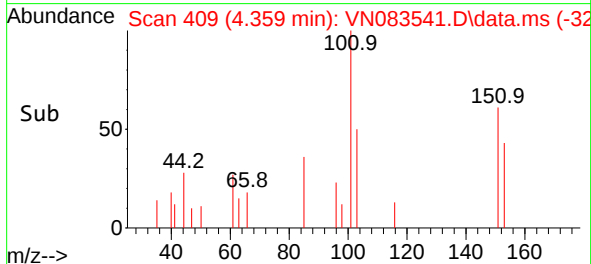
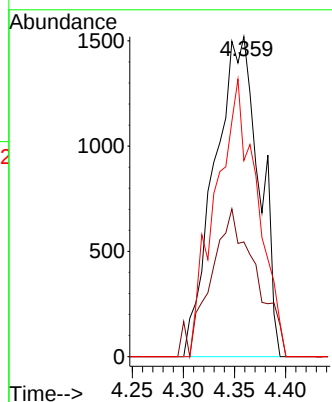
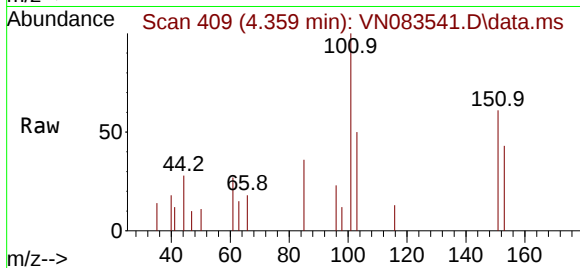
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1,1,2-Trichlorotrifluoroethane
Concen: 2.450 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:101 Resp: 463
Ion Ratio Lower Upper
101 100
85 42.3 0.0 90.6
151 54.9 0.0 157.6

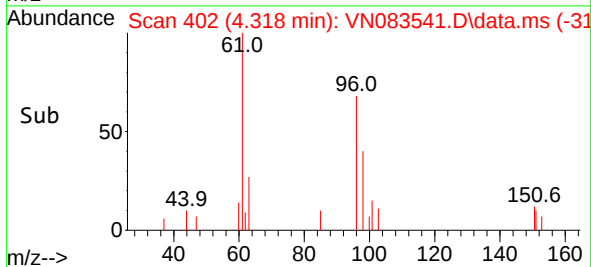
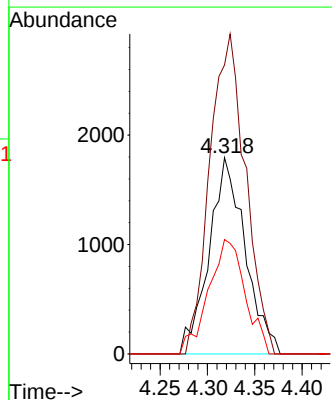
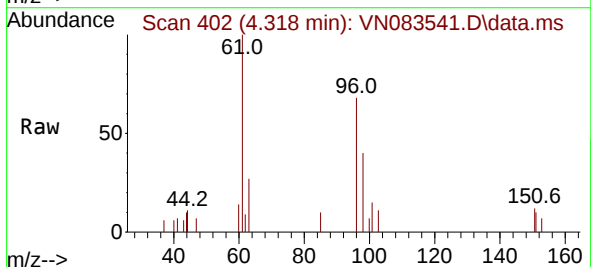
Manual Integrations
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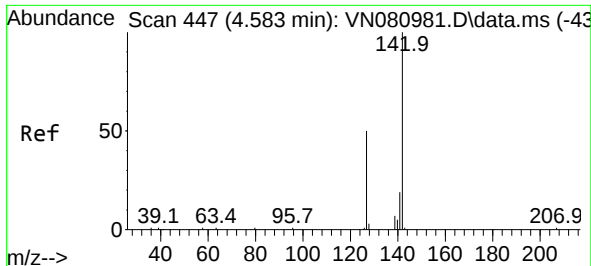
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 2.658 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.012 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

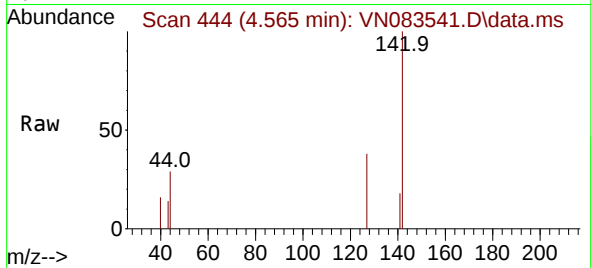
Tgt Ion: 96 Resp: 4756
Ion Ratio Lower Upper
96 100
61 147.1 117.6 176.4
98 58.2 48.4 72.6





#11
Methyl Iodide
Concen: 1.725 ug/l m
RT: 4.565 min Scan# 447
Delta R.T. -0.018 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

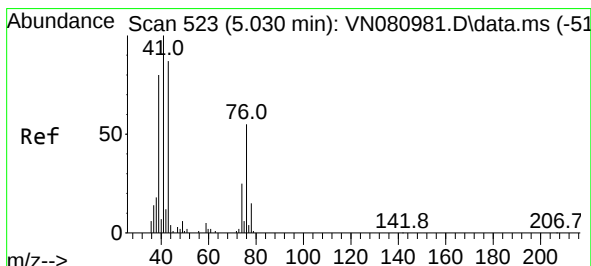
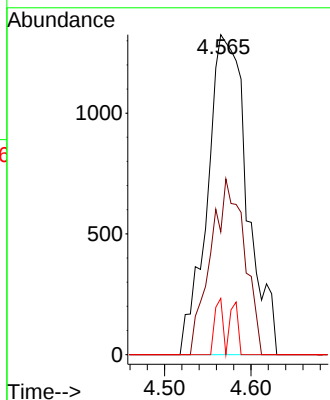
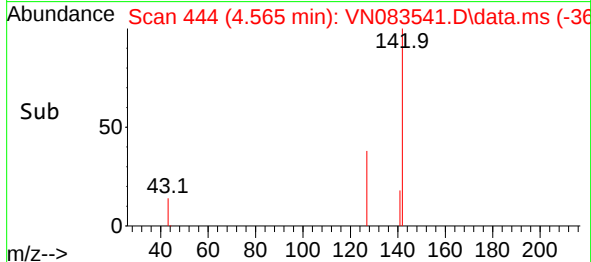
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
127 38.3 26.3 78.9
141 17.6 8.3 24.9

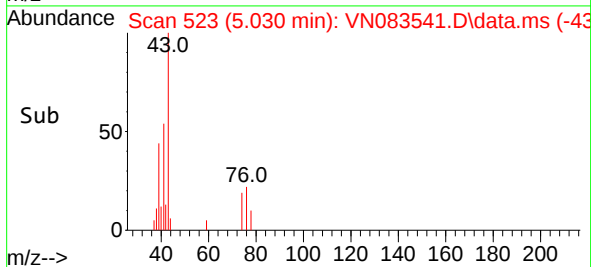
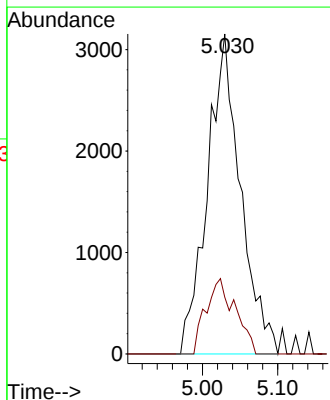
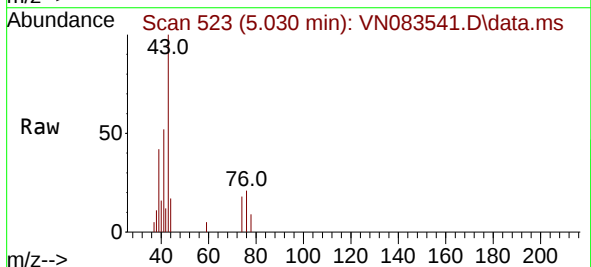
Manual Integrations
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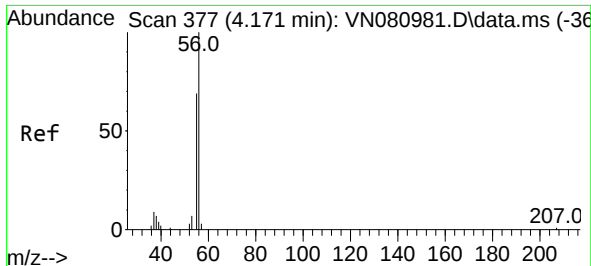
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 3.137 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
74 17.8 27.7 41.5#





#13

Acrolein

Concen: 14.071 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN083541.D

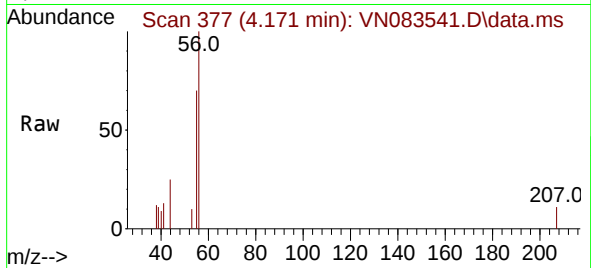
Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



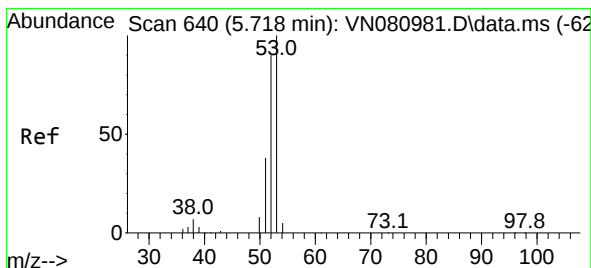
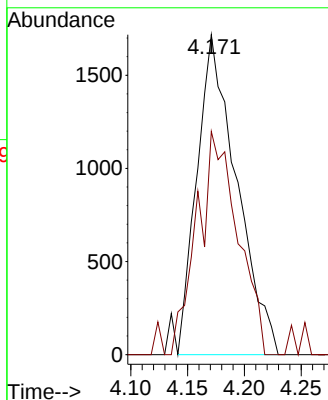
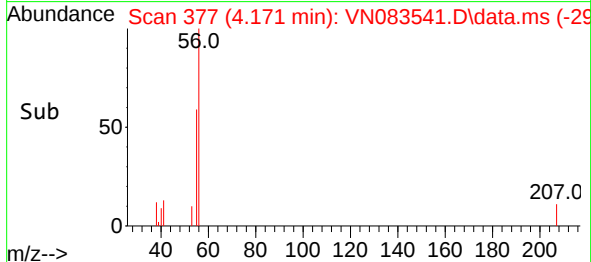
Tgt Ion:	56	Resp:	4168
Ion Ratio	100	Lower	Upper
56	100		
55	50.7	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#14

Acrylonitrile

Concen: 13.010 ug/l m

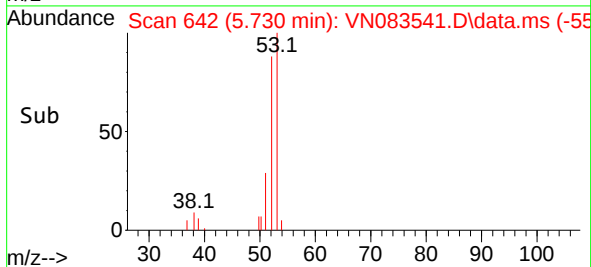
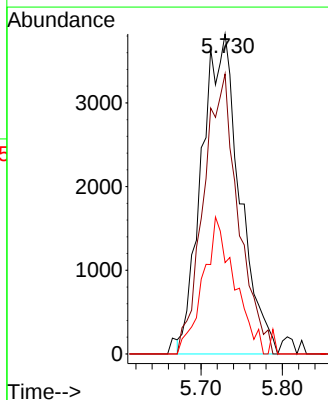
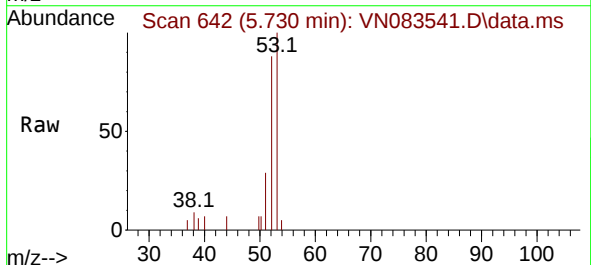
RT: 5.730 min Scan# 642

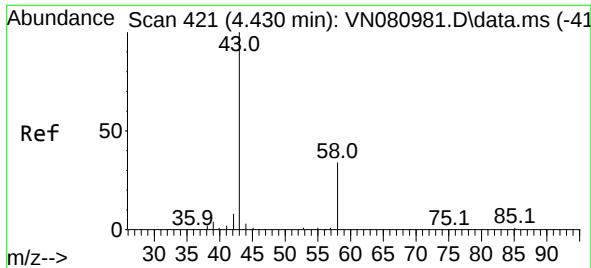
Delta R.T. 0.012 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Tgt Ion:	53	Resp:	12408
Ion Ratio	100	Lower	Upper
53	100		
52	34.1	41.3	123.9
51	35.5	16.8	50.3





#15

Acetone

Concen: 11.840 ug/l m

RT: 4.441 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

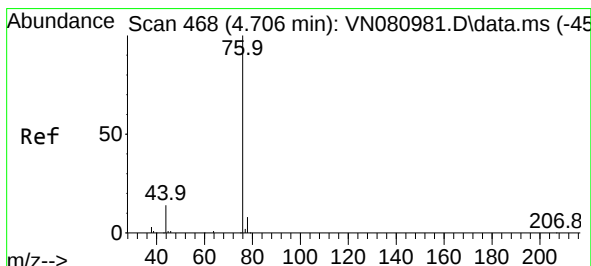
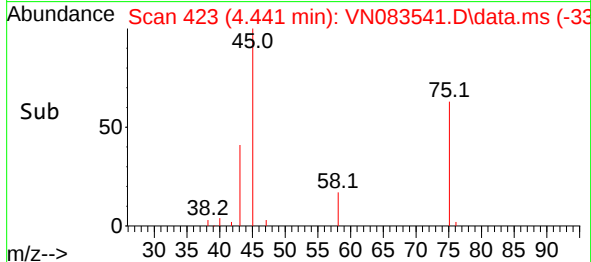
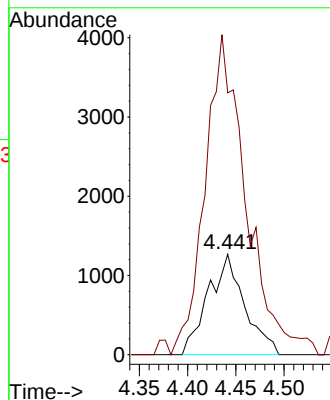
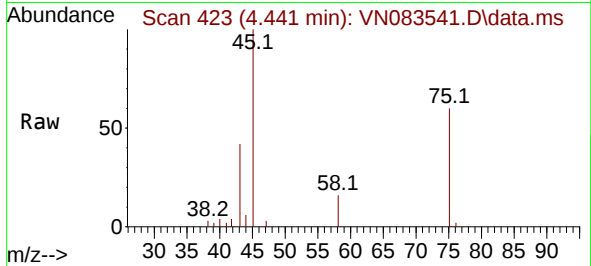
Tgt Ion: 58 Resp: 334
 Ion Ratio Lower Upper
 58 100
 43 261.0 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#16

Carbon Disulfide

Concen: 2.746 ug/l

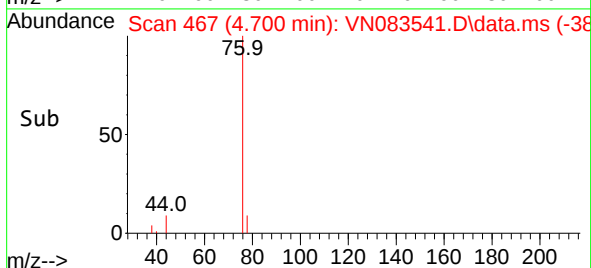
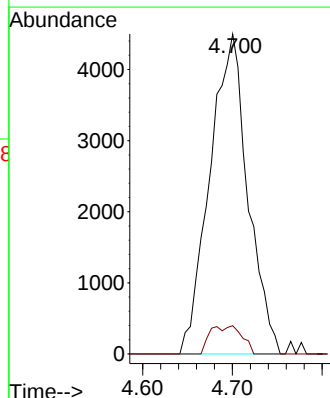
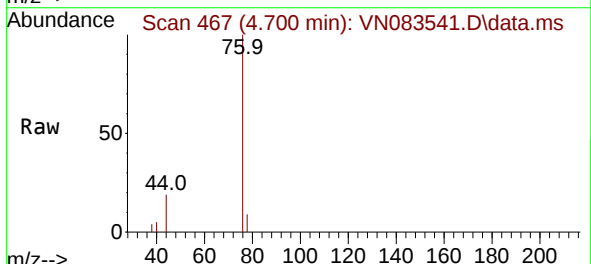
RT: 4.700 min Scan# 467

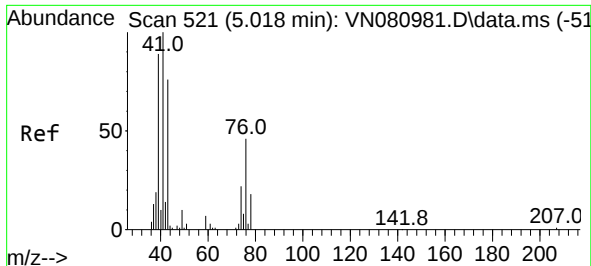
Delta R.T. -0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

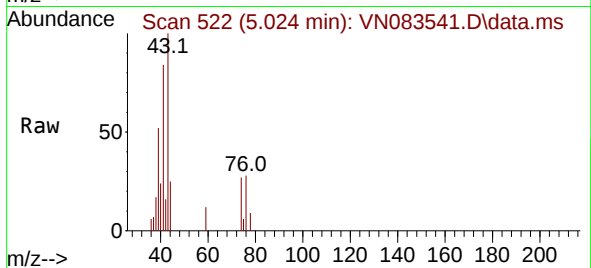
Tgt Ion: 76 Resp: 13241
 Ion Ratio Lower Upper
 76 100
 78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 2.494 ug/l m
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

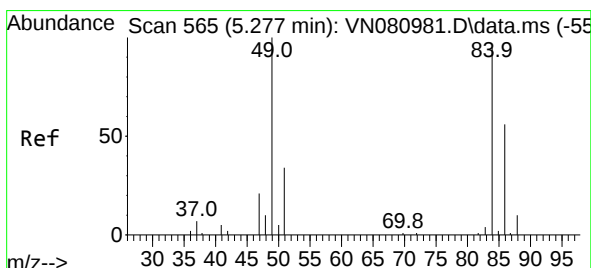
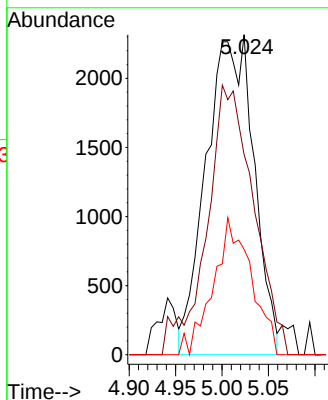
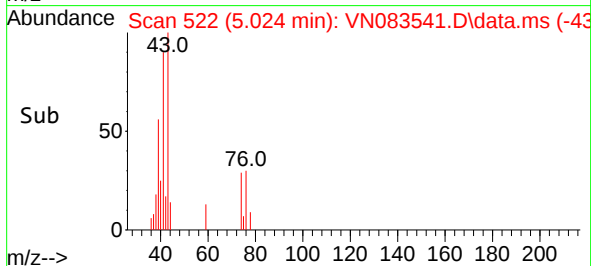
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 41 Resp: 8240
 Ion Ratio Lower Upper
 41 100
 39 62.5 37.6 112.9
 76 32.9 27.8 83.4

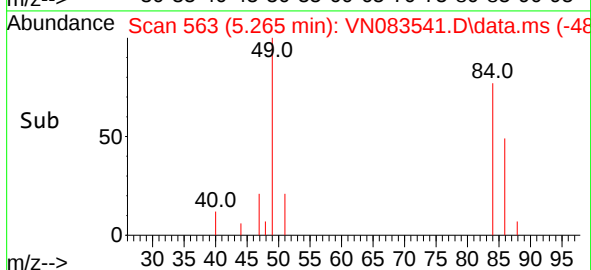
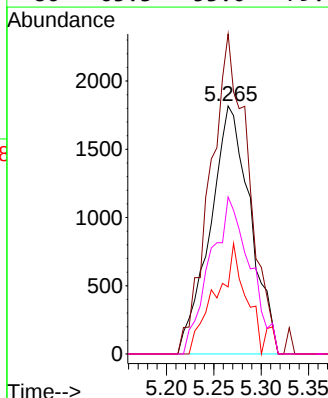
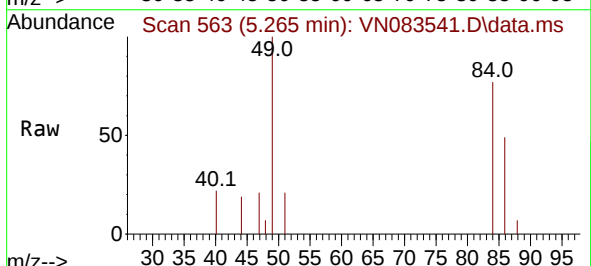
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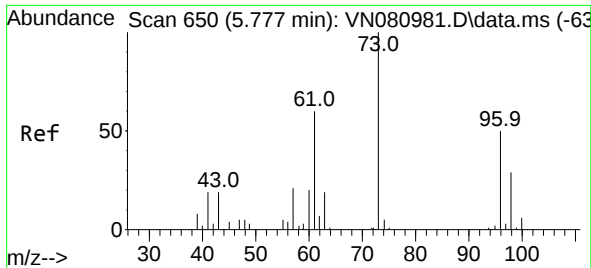
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#18
 Methylene Chloride
 Concen: 2.703 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

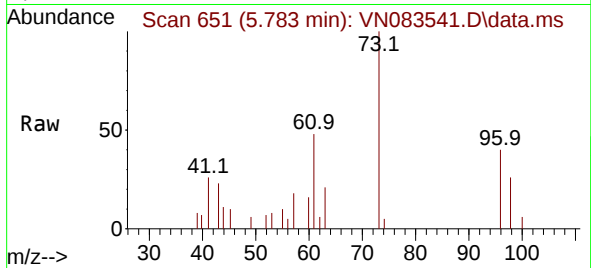
Tgt Ion: 84 Resp: 5364
 Ion Ratio Lower Upper
 84 100
 49 129.1 86.0 129.0#
 51 27.0 30.0 45.0#
 86 63.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 2.562 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

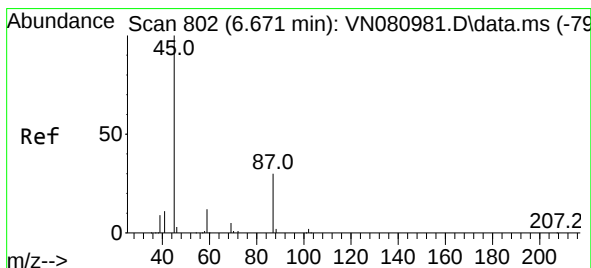
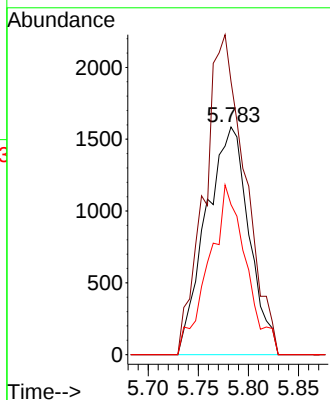
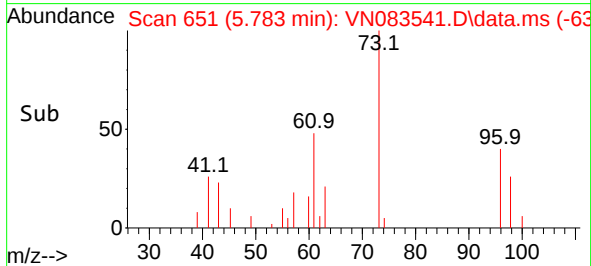
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 96 Resp: 4725
Ion Ratio Lower Upper
96 100
61 120.1 111.8 167.6
98 65.9 49.2 73.8

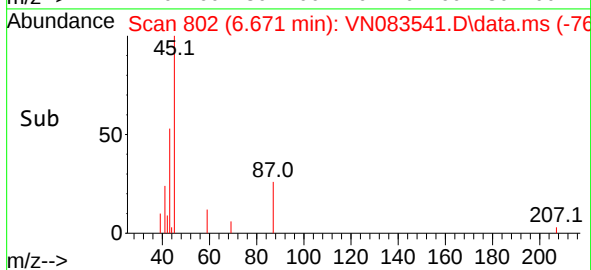
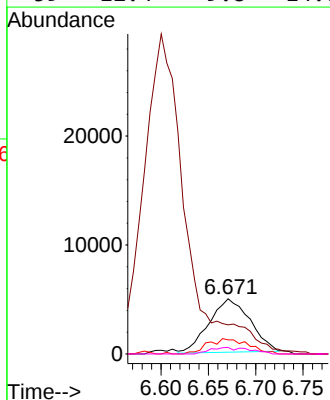
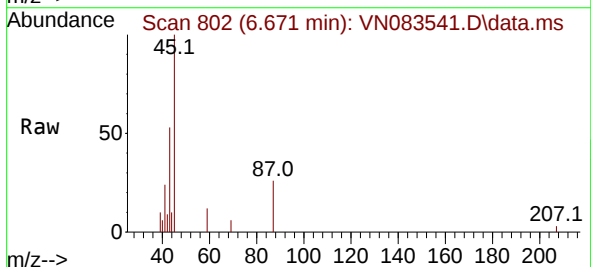
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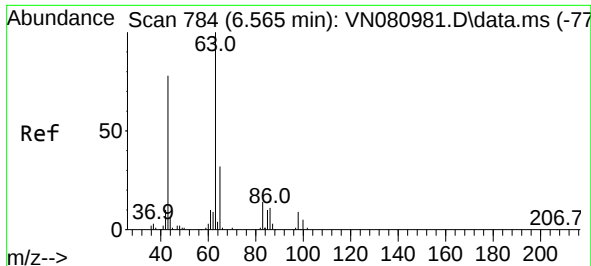
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#20
Diisopropyl ether
Concen: 2.295 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 45 Resp: 14743
Ion Ratio Lower Upper
45 100
43 46.4 40.4 60.6
87 26.9 23.8 35.8
59 12.4 9.8 14.6





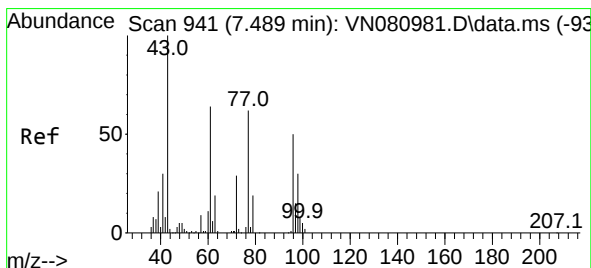
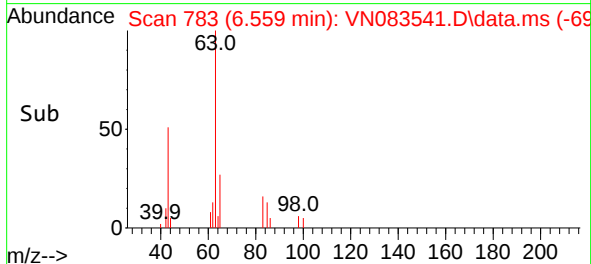
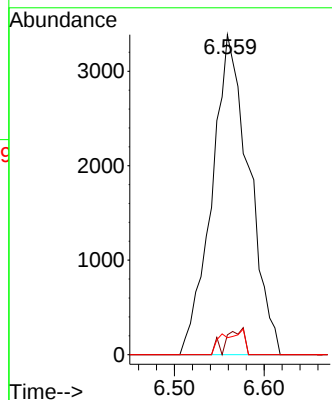
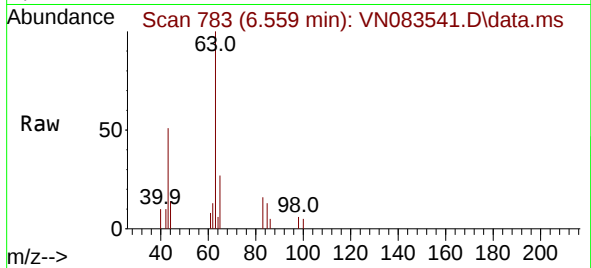
#21
1,1-Dichloroethane
Concen: 2.686 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 63 Resp: 974
Ion Ratio Lower Upper
63 100
98 6.2 4.1 12.3
100 5.3 3.0 9.0

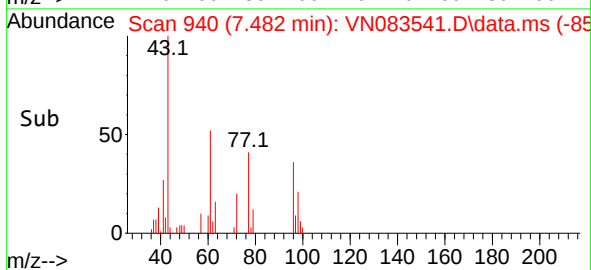
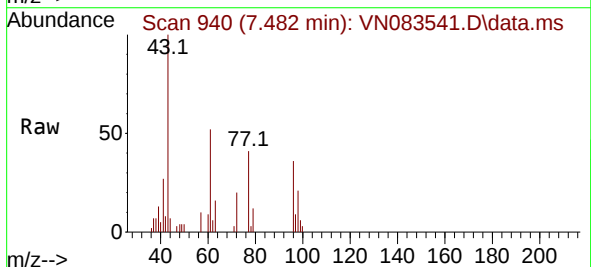
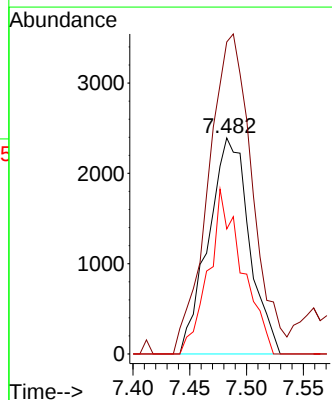
Manual Integrations
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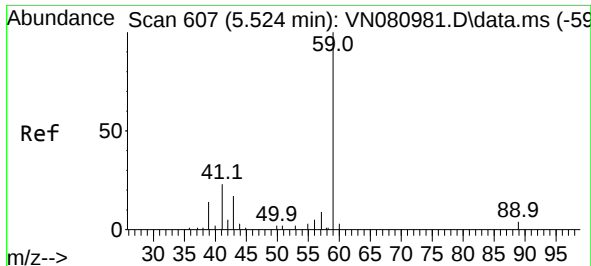
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 2.621 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

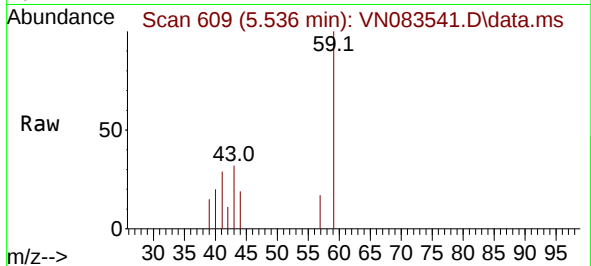
Tgt Ion: 96 Resp: 5980
Ion Ratio Lower Upper
96 100
61 159.0 113.5 170.3
98 63.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 12.921 ug/l m
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

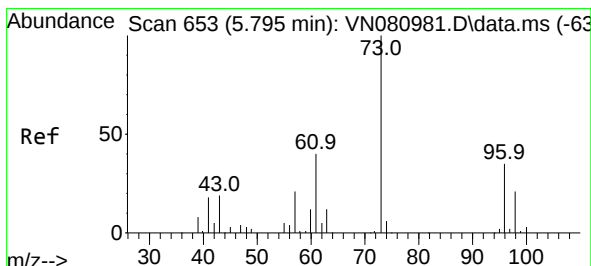
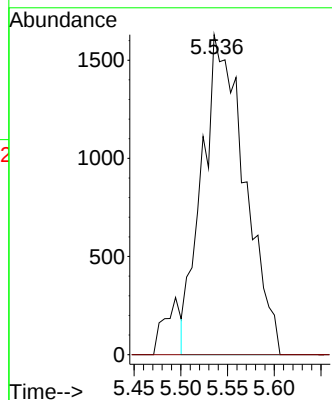
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 59 Resp: 5199
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

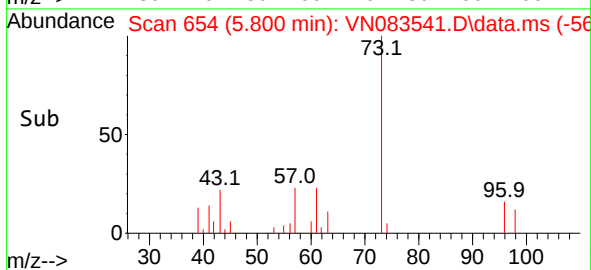
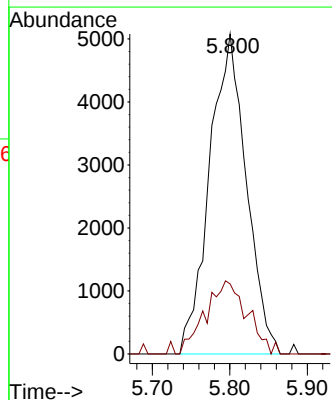
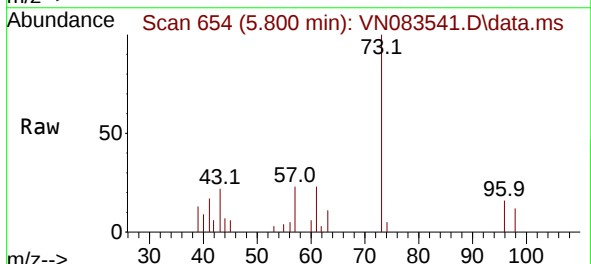
Manual Integrations
APPROVED

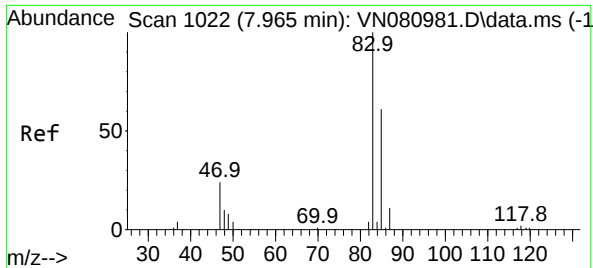
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 2.528 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 73 Resp: 16754
Ion Ratio Lower Upper
73 100
43 12.0 13.4 20.2#





#25

Chloroform

Concen: 2.569 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 83 Resp: 988

Ion Ratio Lower Upper

83 100

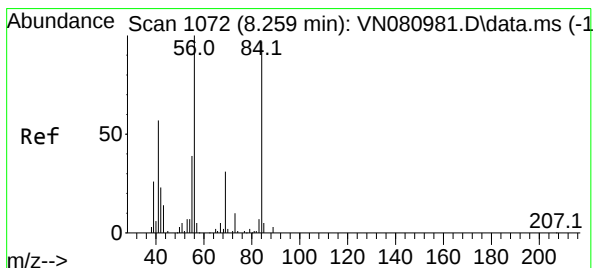
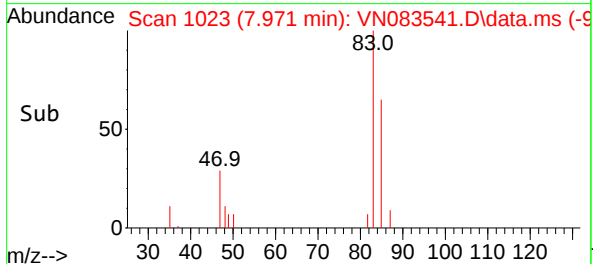
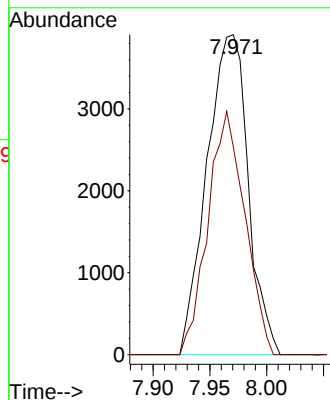
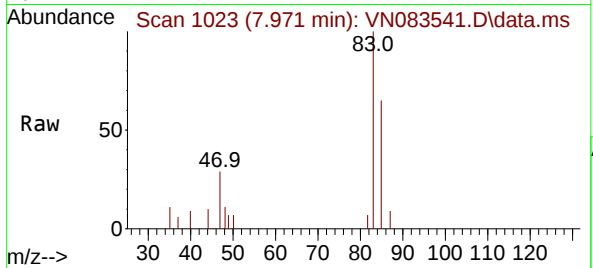
85 64.9 50.9 76.3

Manual Integrations

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Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#26

Cyclohexane

Concen: 2.523 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

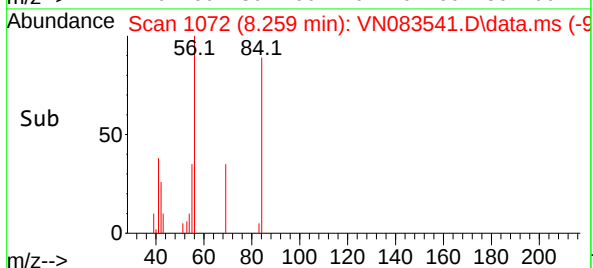
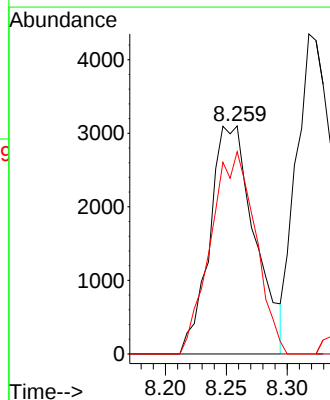
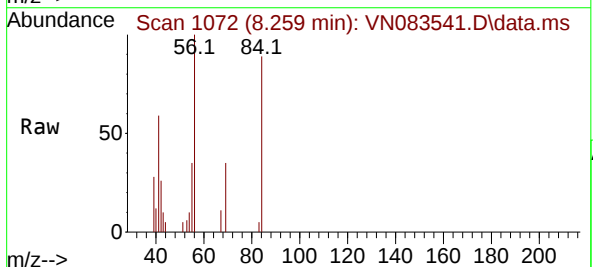
Tgt Ion: 56 Resp: 7956

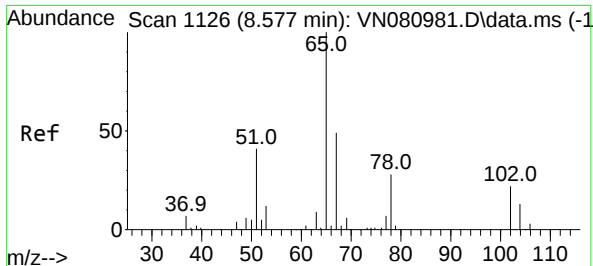
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9

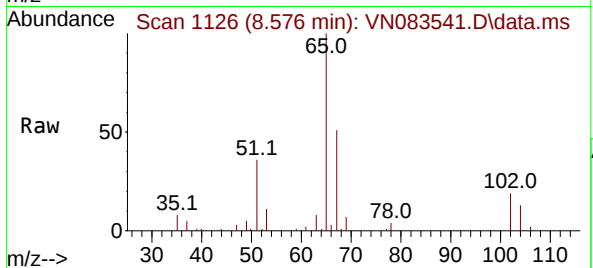
84 88.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.264 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

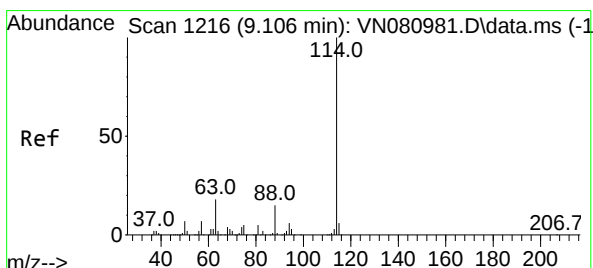
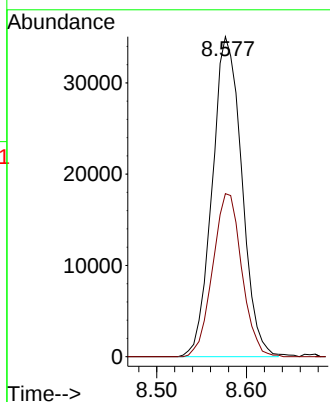
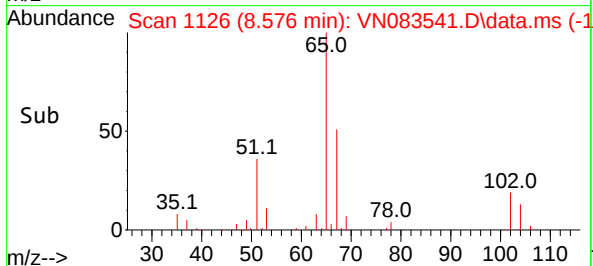
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



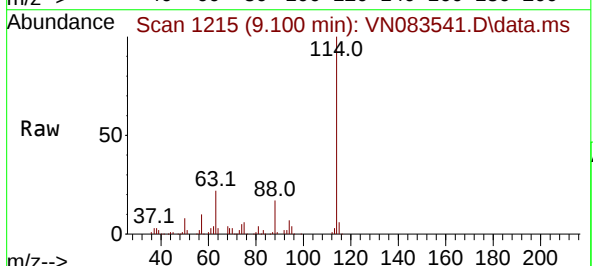
Tgt Ion: 65 Resp: 80200
Ion Ratio Lower Upper
65 100
67 50.1 43.2 64.8

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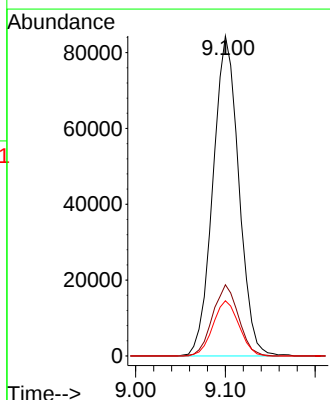
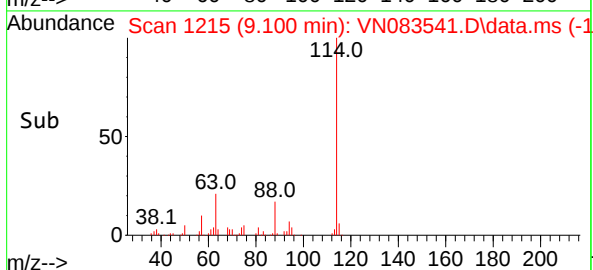
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

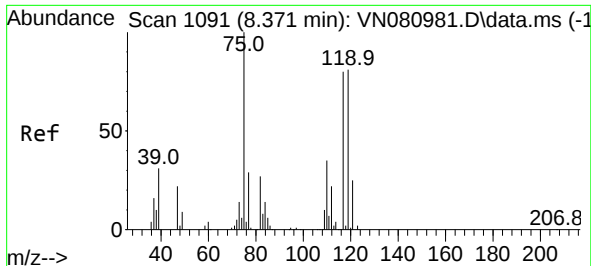


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



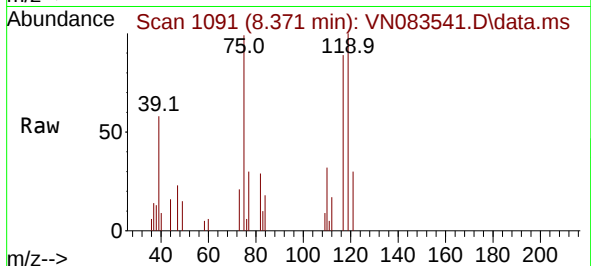
Tgt Ion:114 Resp: 168713
Ion Ratio Lower Upper
114 100
63 22.2 15.9 23.9
88 17.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 2.411 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

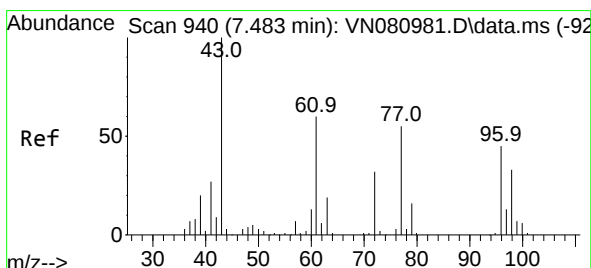
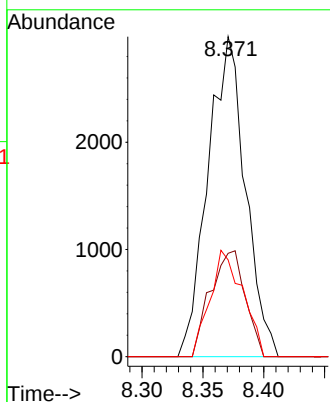
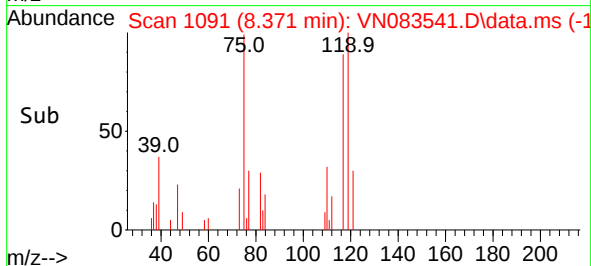
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 75	Resp: 638
Ion Ratio	Lower Upper
75 100	
110 30.7	0.0 70.2
77 29.1	0.0 61.4

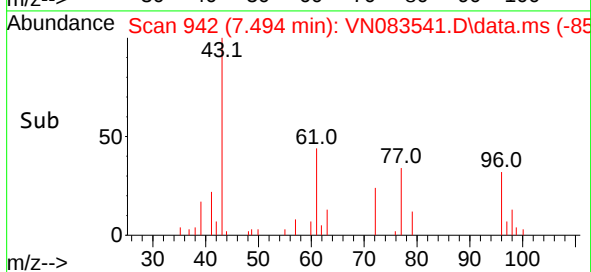
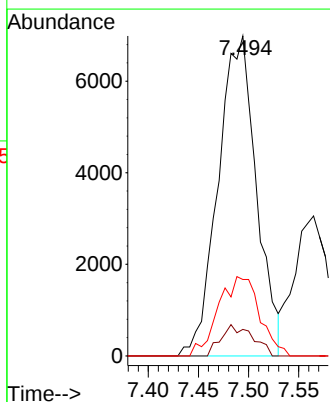
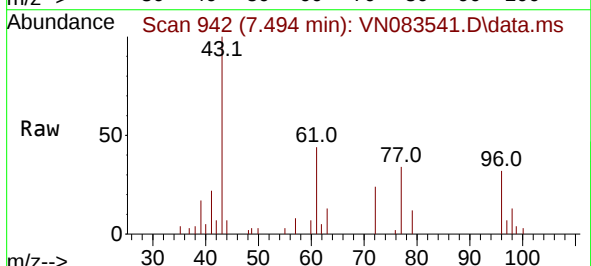
Manual Integrations
APPROVED

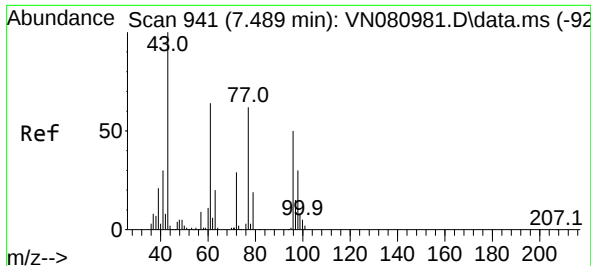
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 13.693 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 43	Resp: 18593
Ion Ratio	Lower Upper
43 100	
57 1.5	6.7 10.1#
72 16.2	24.0 36.0#





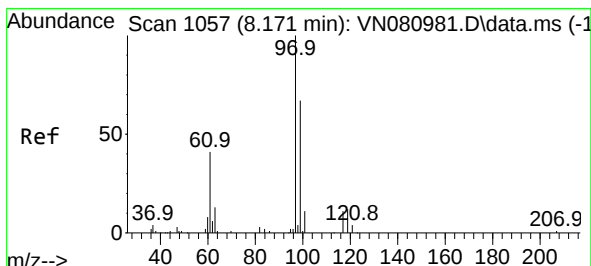
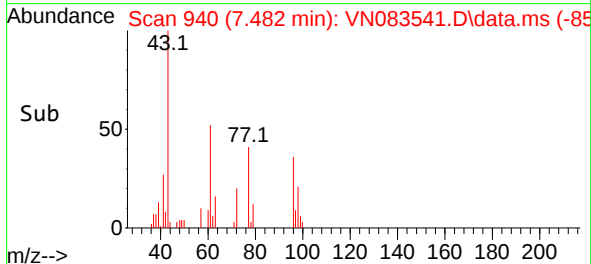
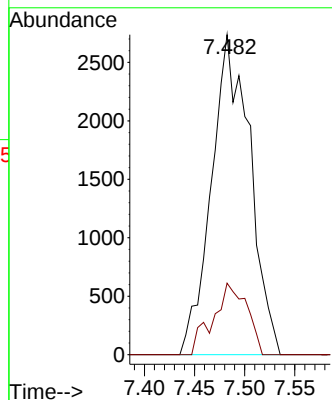
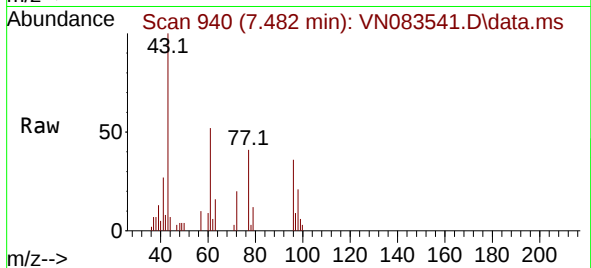
#31
2,2-Dichloropropane
Concen: 2.132 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 77 Resp: 731
Ion Ratio Lower Upper
77 100
97 16.2 18.3 27.5

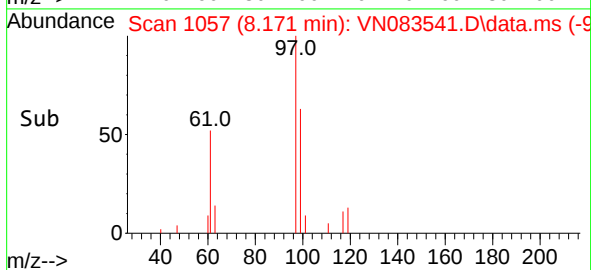
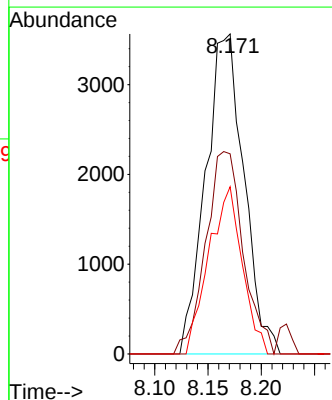
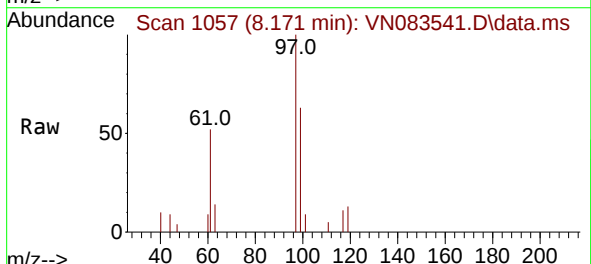
Manual Integrations
APPROVED

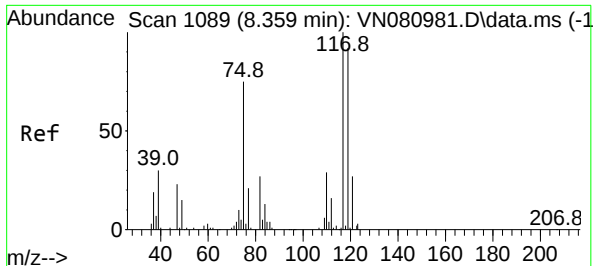
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#32
1,1,1-Trichloroethane
Concen: 2.515 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

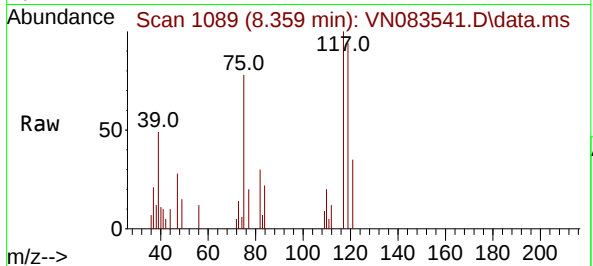
Tgt Ion: 97 Resp: 8898
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.4
61 45.6 33.8 50.8





#33
Carbon Tetrachloride
Concen: 2.380 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

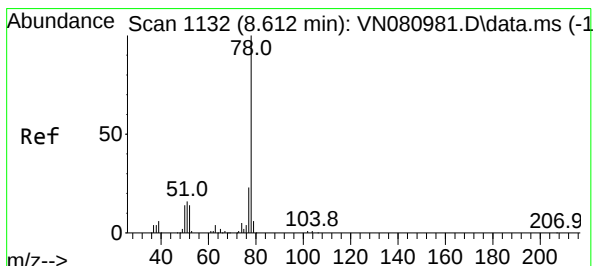
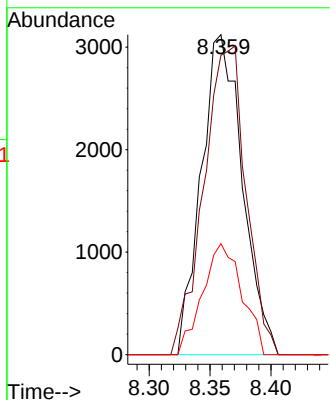
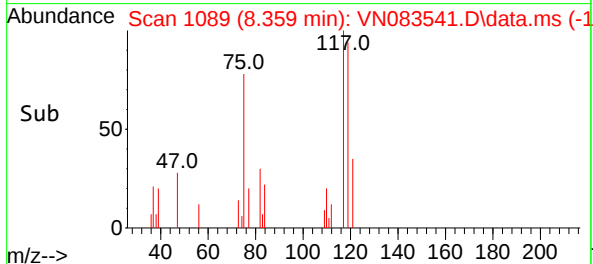
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



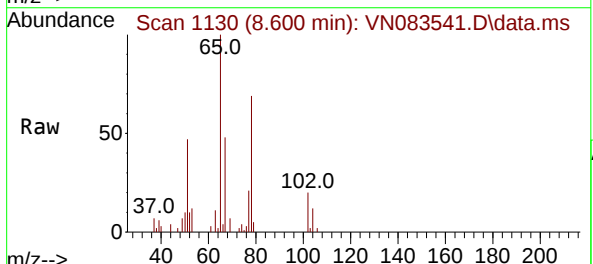
Tgt Ion: 117 Resp: 7330
Ion Ratio Lower Upper
117 100
119 93.5 77.7 116.5
121 34.7 27.0 40.6

Manual Integrations
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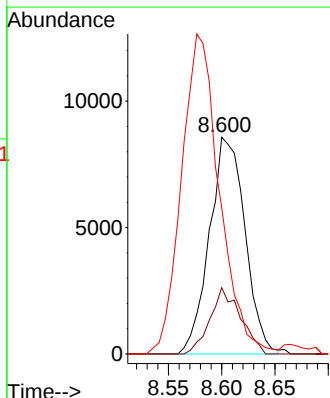
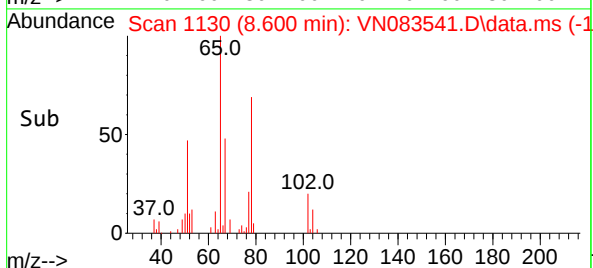
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

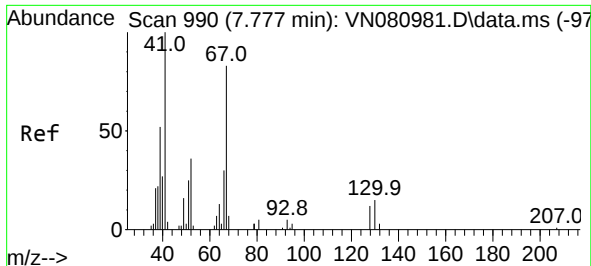


#34
Benzene
Concen: 2.475 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



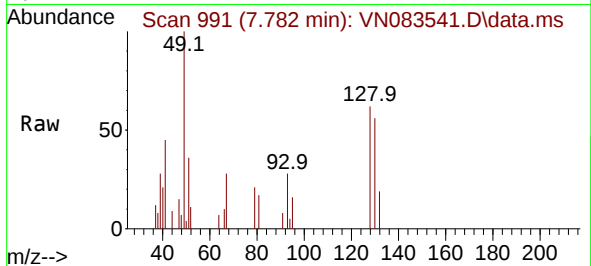
Tgt Ion: 78 Resp: 19876
Ion Ratio Lower Upper
78 100
77 30.5 19.2 28.8#
51 65.8 13.3 19.9#





#35
Methacrylonitrile
Concen: 2.730 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

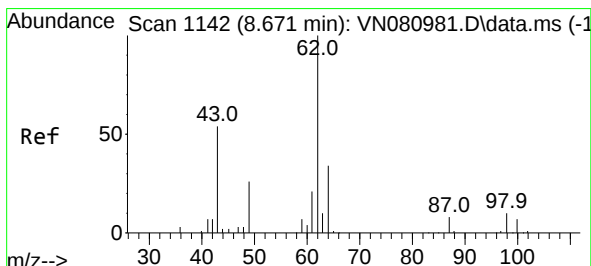
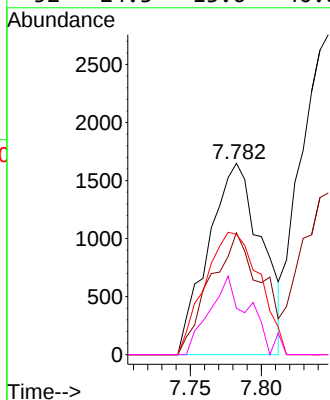
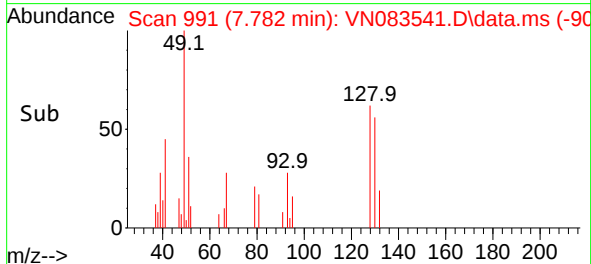
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 41 Resp: 4290
Ion Ratio Lower Upper
41 100
39 63.7 25.3 75.9
67 62.9 38.7 116.1
52 24.3 13.6 40.8

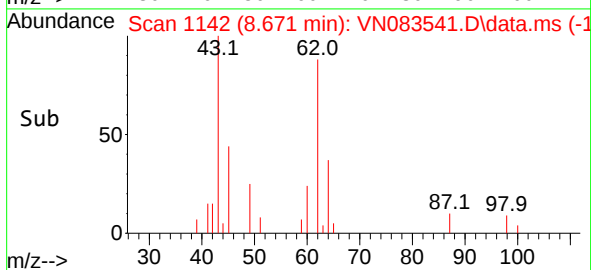
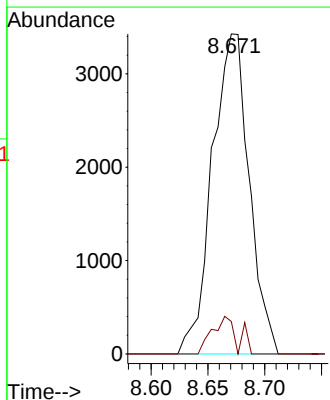
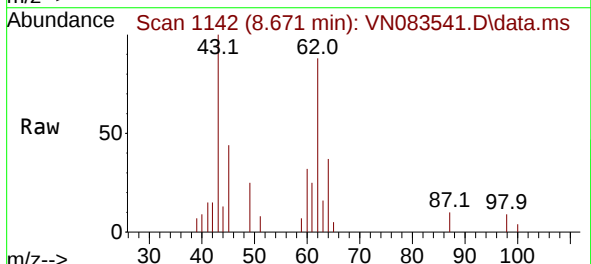
Manual Integrations
APPROVED

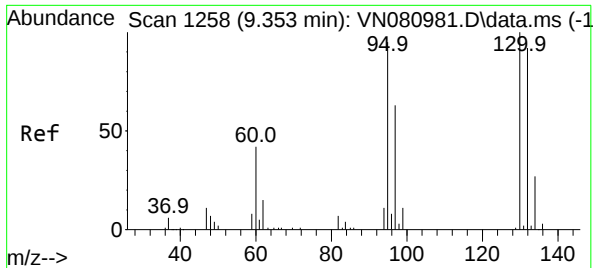
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 2.587 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 62 Resp: 7748
Ion Ratio Lower Upper
62 100
98 6.5 8.2 12.4#





#37

Trichloroethene

Concen: 2.292 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:130 Resp: 4362

Ion Ratio Lower Upper

130 100

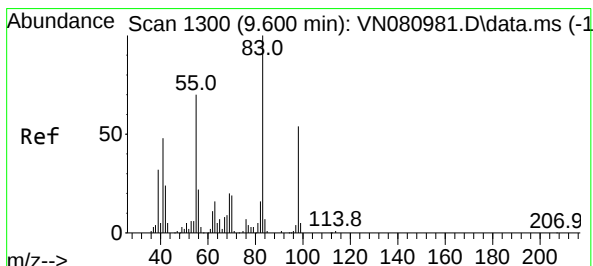
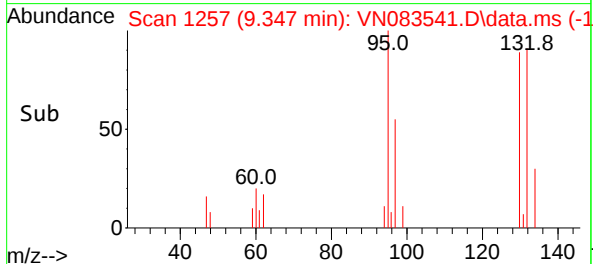
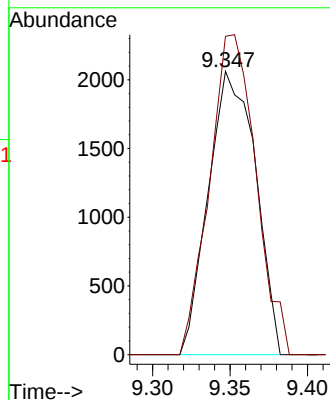
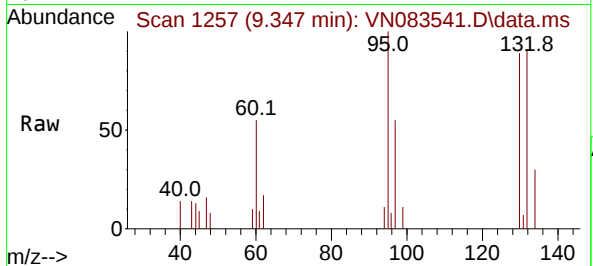
95 112.4 80.2 120.4

Manual Integrations

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Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#38

Methylcyclohexane

Concen: 2.310 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

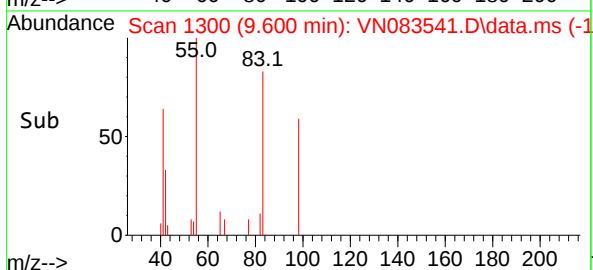
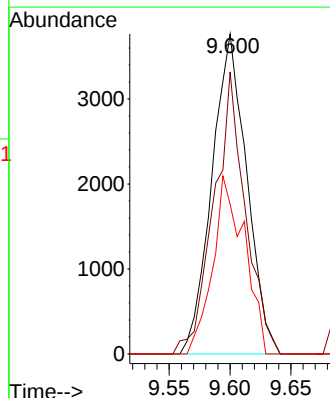
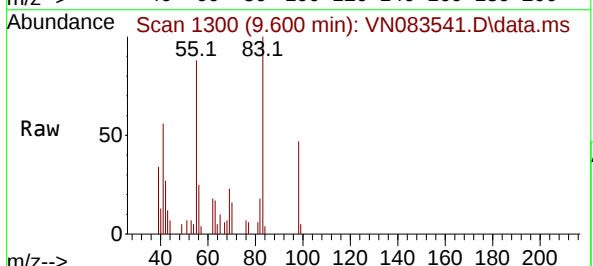
Tgt Ion: 83 Resp: 7499

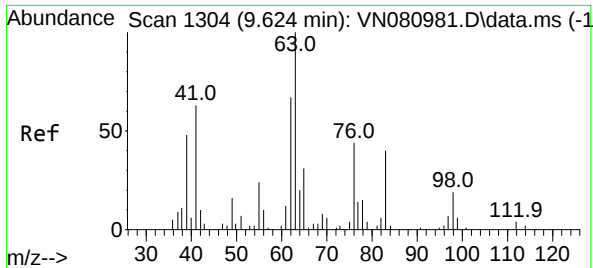
Ion Ratio Lower Upper

83 100

55 79.8 36.6 109.9

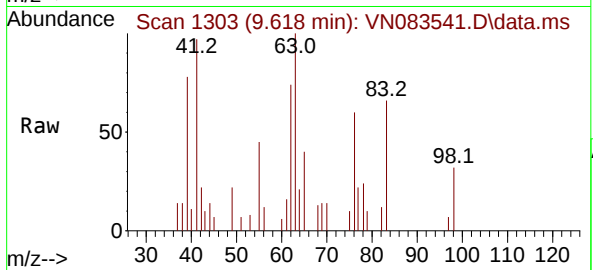
98 50.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 2.509 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

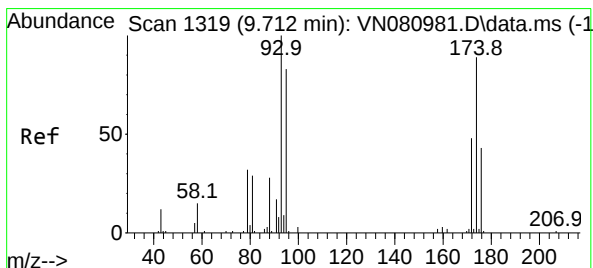
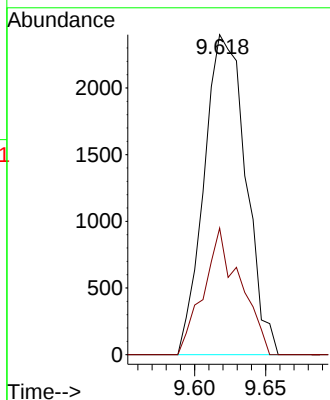
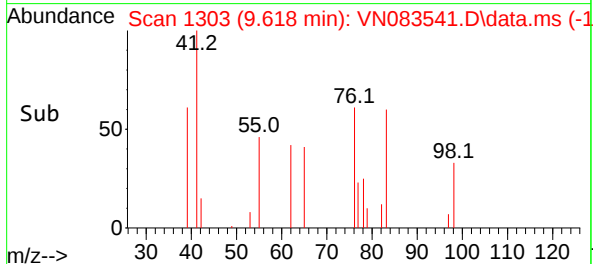
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



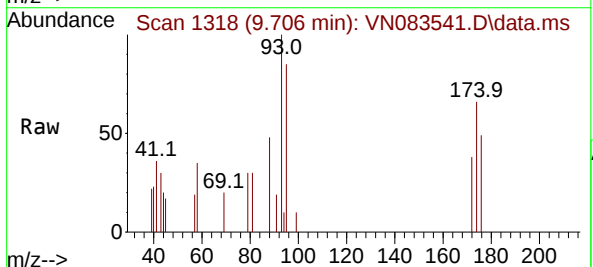
Tgt Ion: 63 Resp: 4900
Ion Ratio Lower Upper
63 100
65 39.5 25.0 37.4

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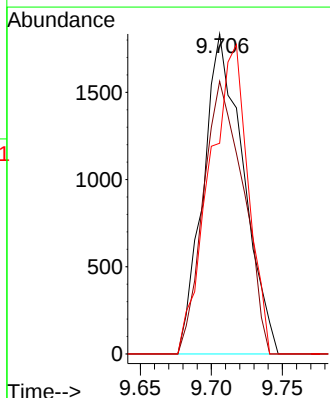
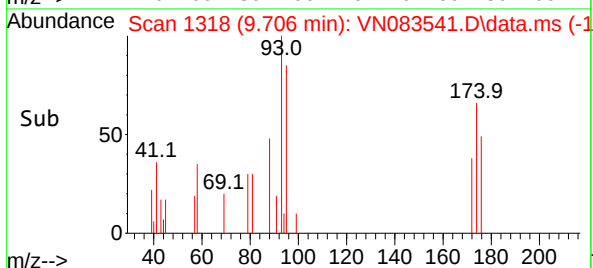
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

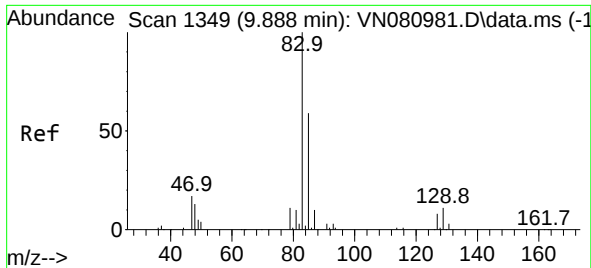


#40
Dibromomethane
Concen: 2.566 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



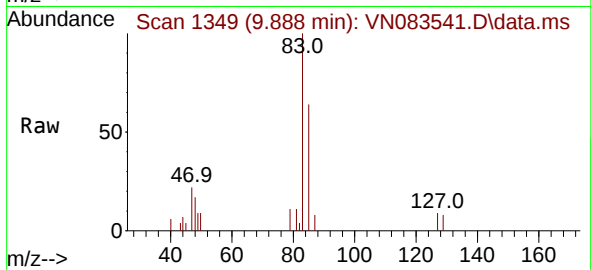
Tgt Ion: 93 Resp: 3597
Ion Ratio Lower Upper
93 100
95 84.9 0.0 164.6
174 93.6 0.0 193.2





#41
Bromodichloromethane
Concen: 2.322 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

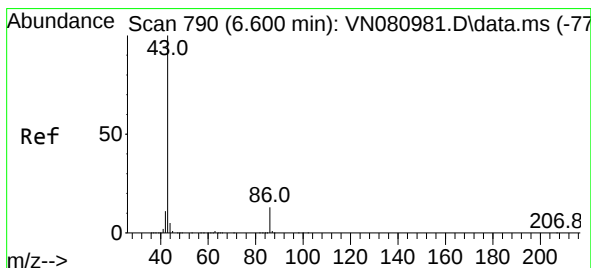
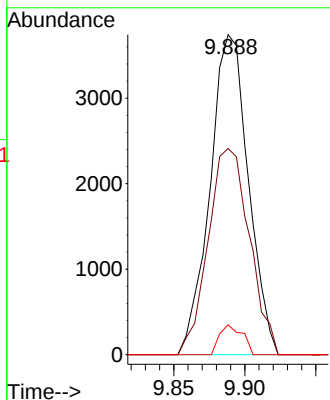
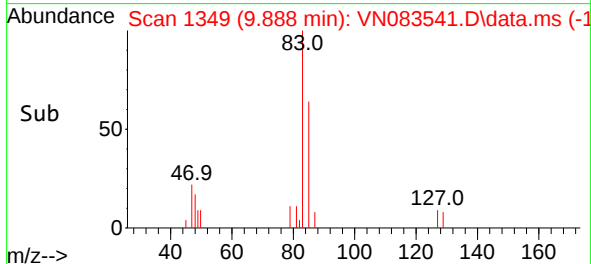
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 83 Resp: 7034
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.2
127 9.4 7.3 10.9

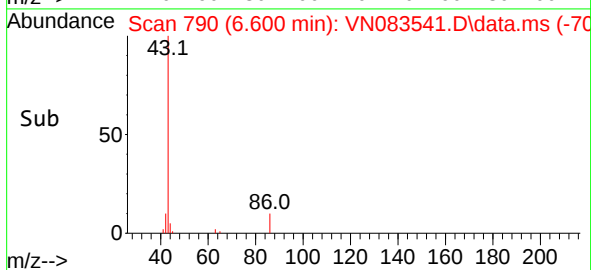
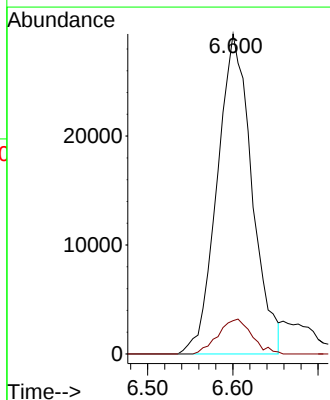
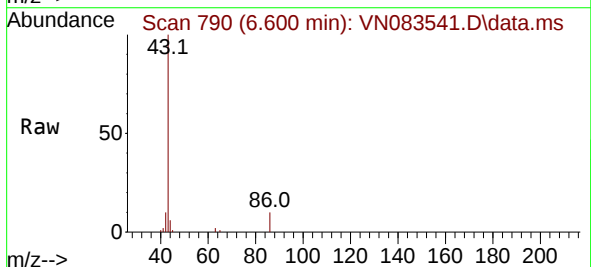
Manual Integrations
APPROVED

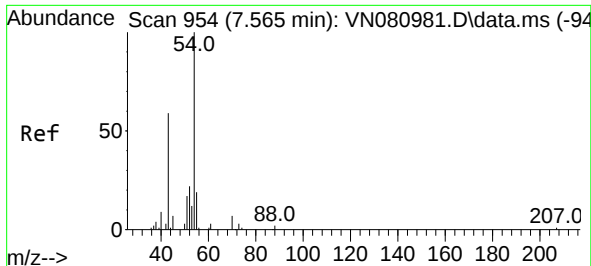
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 12.487 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

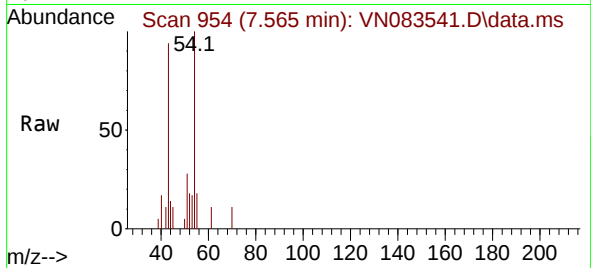
Tgt Ion: 43 Resp: 83210
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2





#43
Ethyl Acetate
Concen: 3.000 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

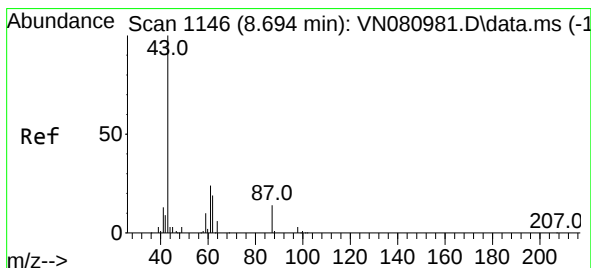
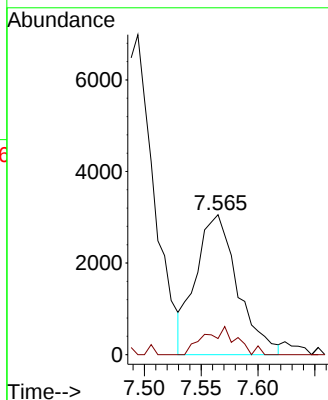
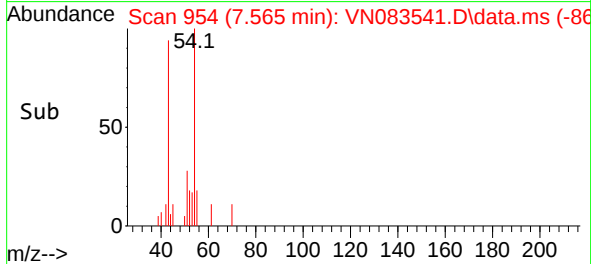
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



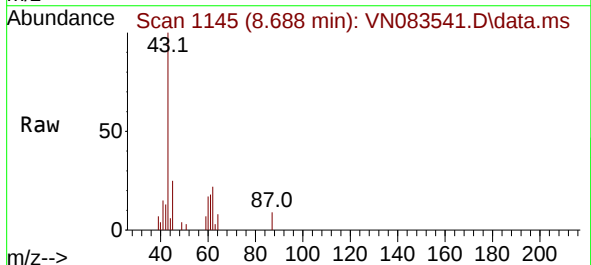
Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
45 4.0 10.6 15.8

Manual Integrations
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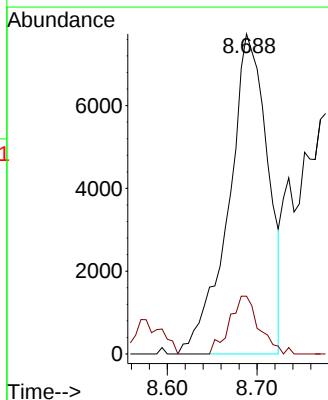
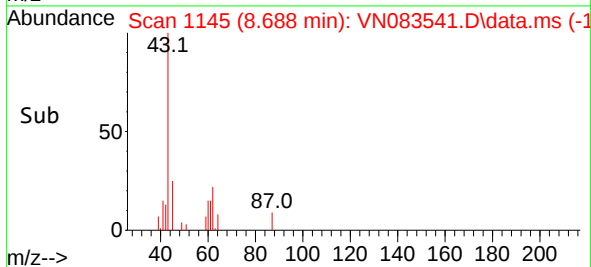
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

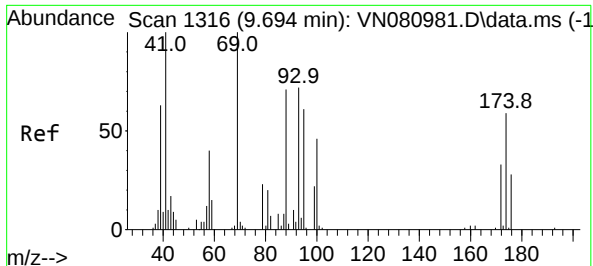


#44
Isopropyl Acetate
Concen: 3.800 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



Tgt Ion: 43 Resp: 23412
Ion Ratio Lower Upper
43 100
61 12.5 25.0 37.4





#45

1,4-Dioxane

Concen: 55.262 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

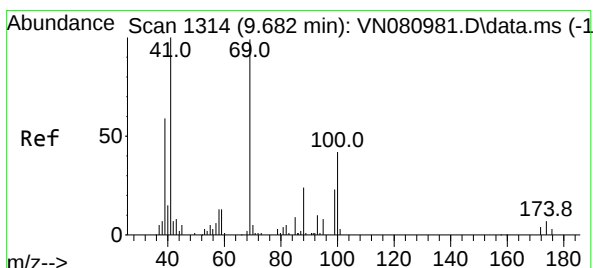
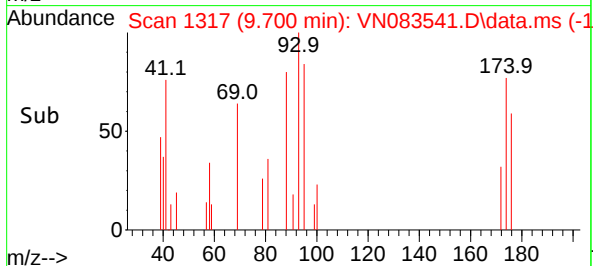
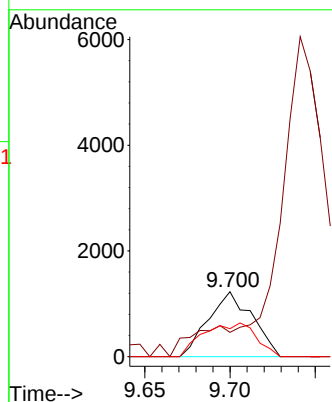
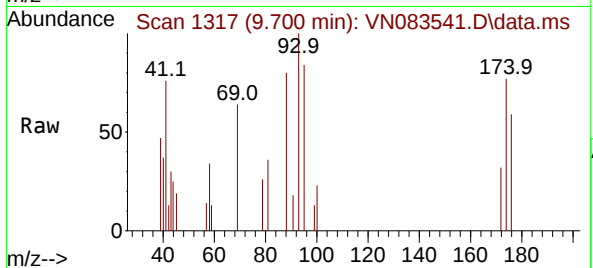
Tgt Ion: 88	Resp: 2208
Ion Ratio	Lower Upper
88 100	
43 43.9	19.8 29.6
58 61.8	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#46

Methyl methacrylate

Concen: 2.621 ug/l

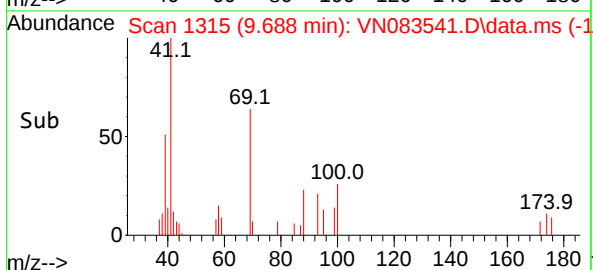
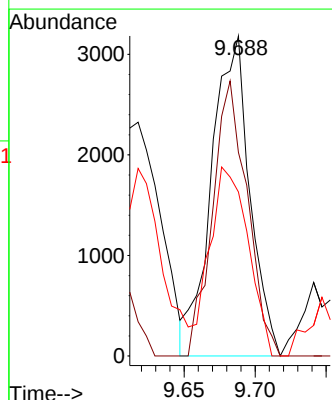
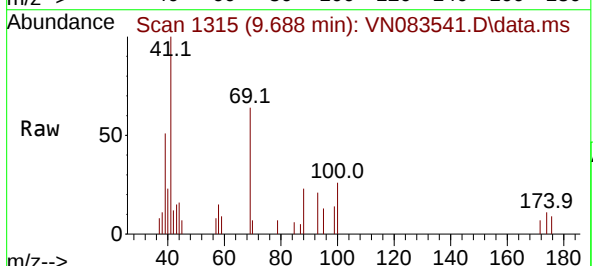
RT: 9.688 min Scan# 1315

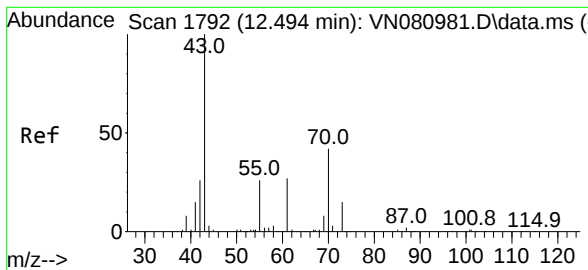
Delta R.T. 0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

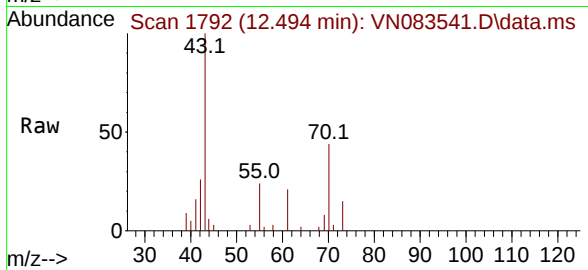
Tgt Ion: 41	Resp: 5967
Ion Ratio	Lower Upper
41 100	
69 63.6	51.1 153.3
39 51.2	25.8 77.3





#47
n-amyl acetate
Concen: 2.476 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

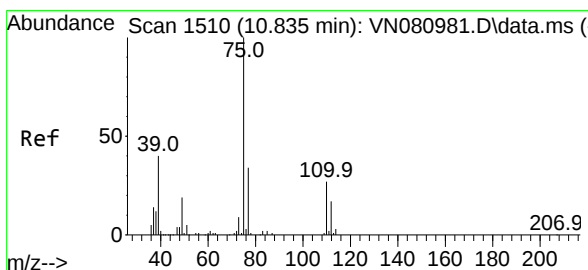
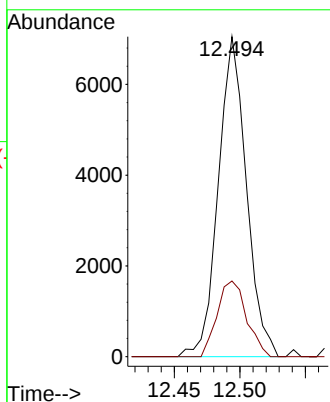
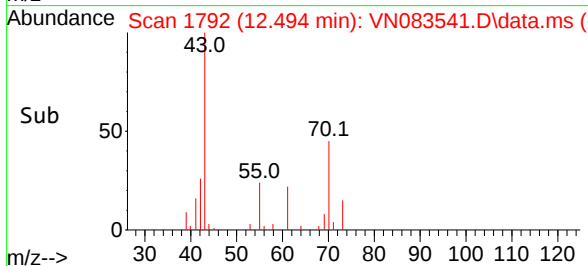
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 10499
Ion Ratio Lower Upper
43 100
55 24.7 23.4 35.2

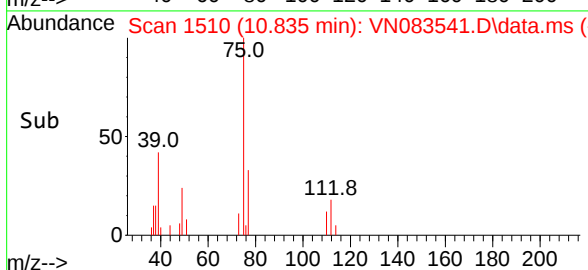
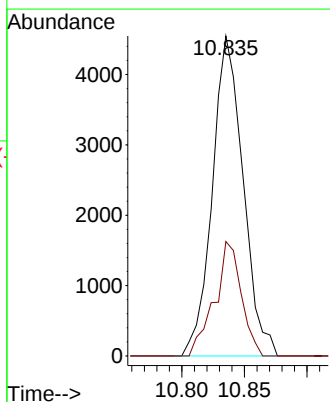
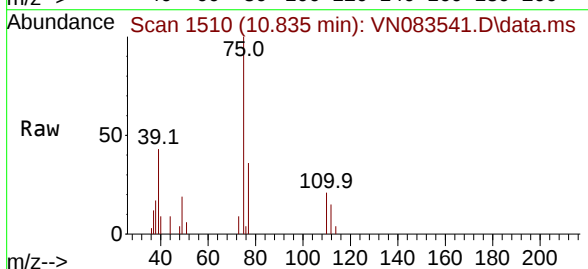
Manual Integrations
APPROVED

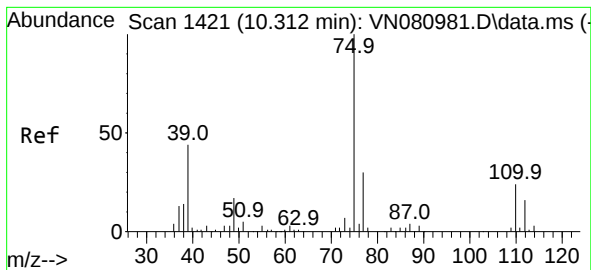
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#48
t-1,3-Dichloropropene
Concen: 2.415 ug/l m
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

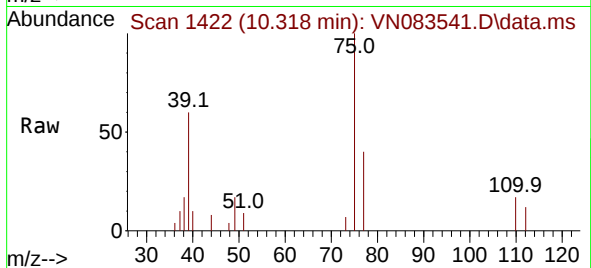
Tgt Ion: 75 Resp: 7758
Ion Ratio Lower Upper
75 100
77 35.8 23.8 35.6#





#49
 cis-1,3-Dichloropropene
 Concen: 2.366 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

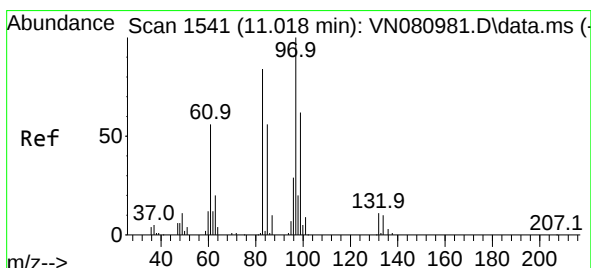
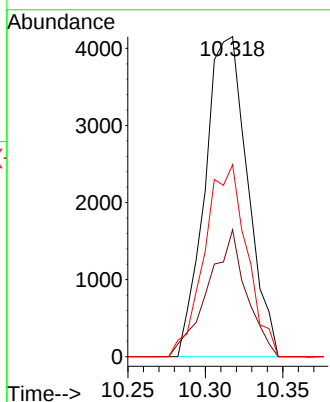
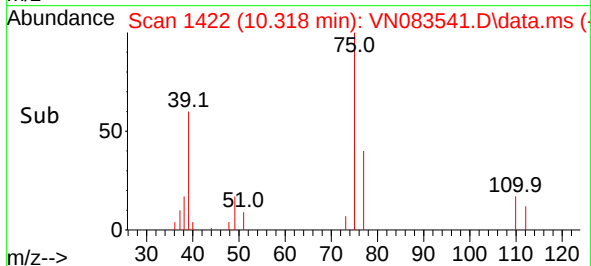
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 75 Resp: 7924
 Ion Ratio Lower Upper
 75 100
 77 39.6 24.9 37.3
 39 60.0 31.0 46.6

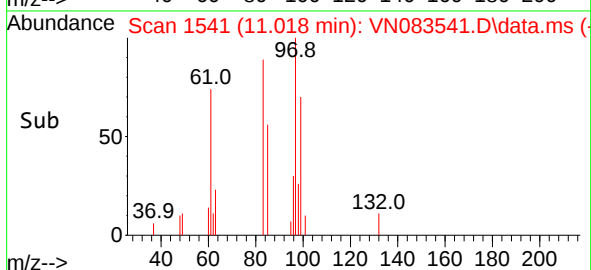
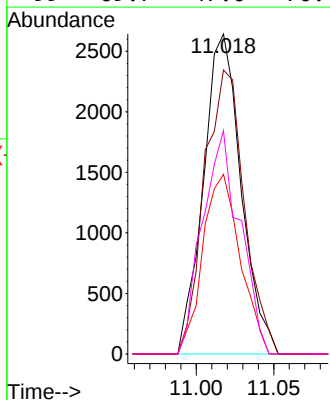
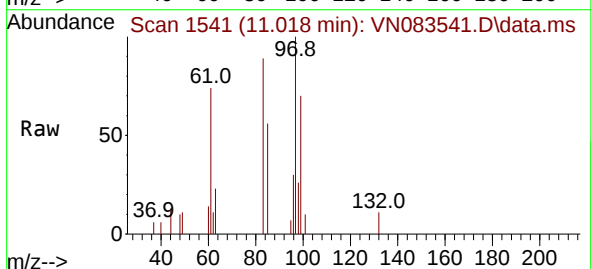
Manual Integrations
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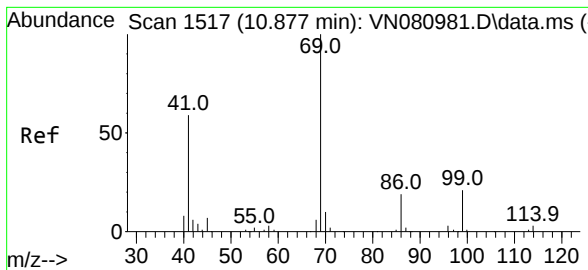
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#50
 1,1,2-Trichloroethane
 Concen: 2.384 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

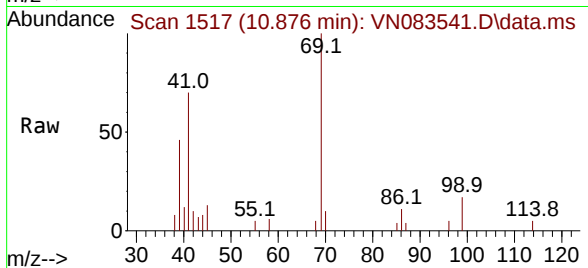
Tgt Ion: 97 Resp: 4479
 Ion Ratio Lower Upper
 97 100
 83 88.8 68.1 102.1
 85 56.1 41.8 62.6
 99 69.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 2.572 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

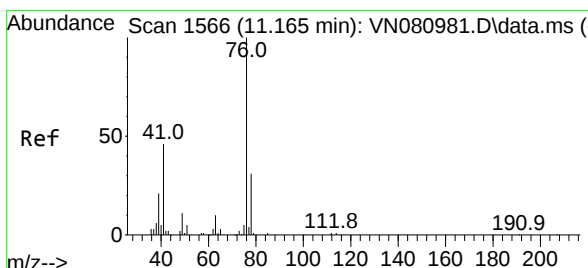
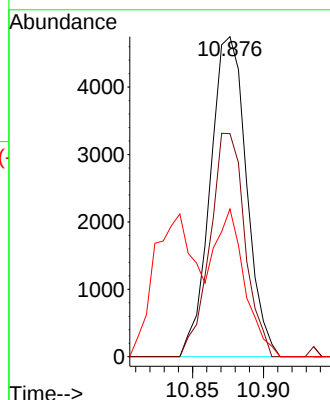
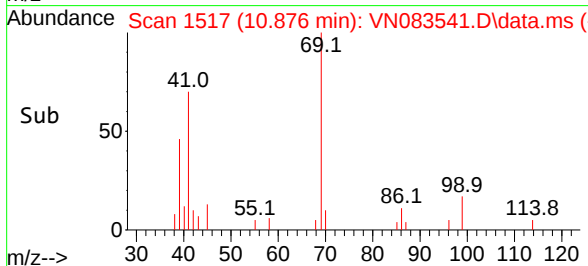
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 69 Resp: 8428
Ion Ratio Lower Upper
69 100
41 69.7 25.5 76.5
39 46.1 16.0 47.9

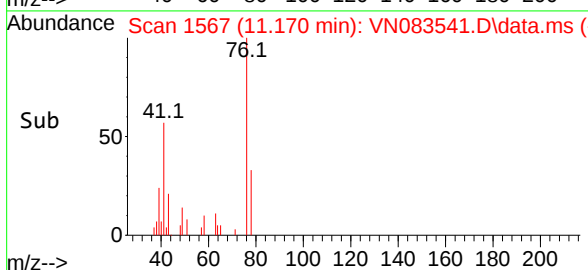
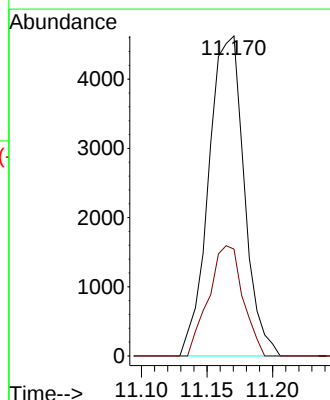
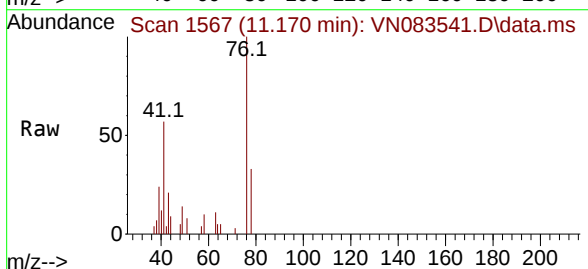
Manual Integrations
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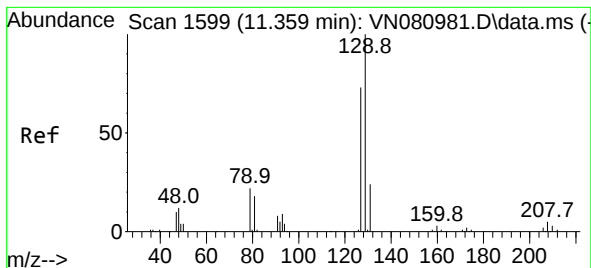
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#52
1,3-Dichloropropane
Concen: 2.653 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

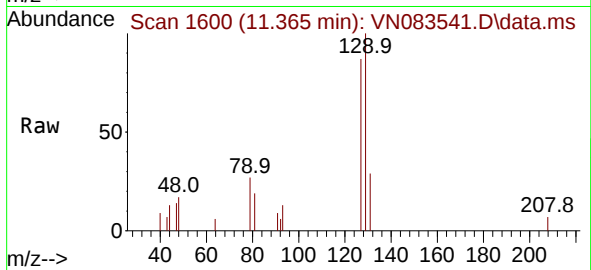
Tgt Ion: 76 Resp: 8704
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.8





#53
Dibromochloromethane
Concen: 2.254 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

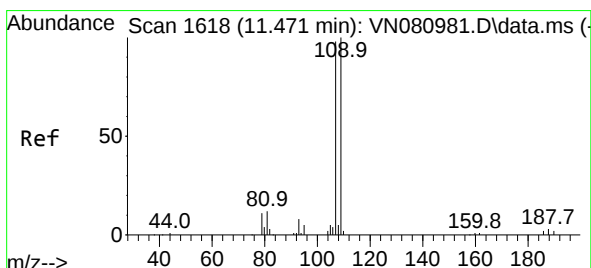
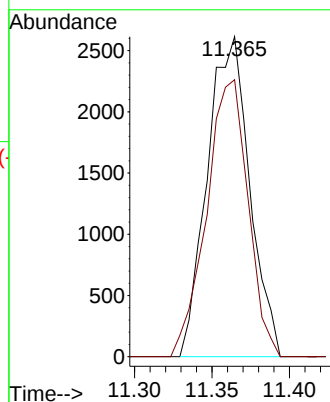
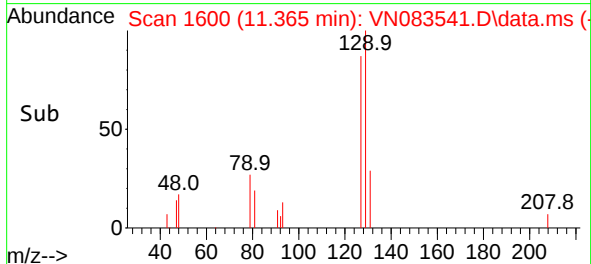
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



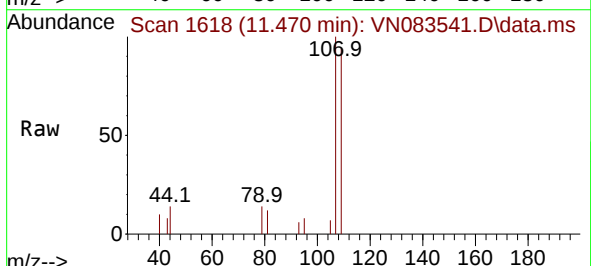
Tgt Ion:129 Resp: 496
Ion Ratio Lower Upper
129 100
127 84.8 39.4 118.1

Manual Integrations
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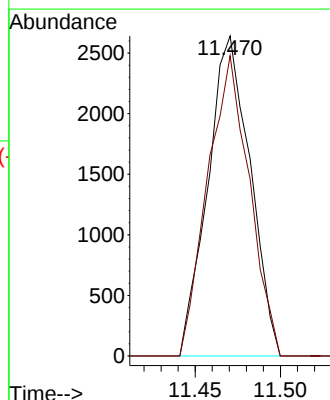
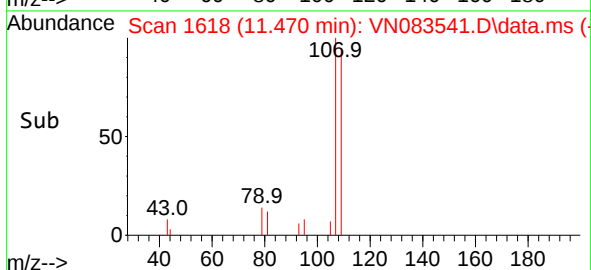
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

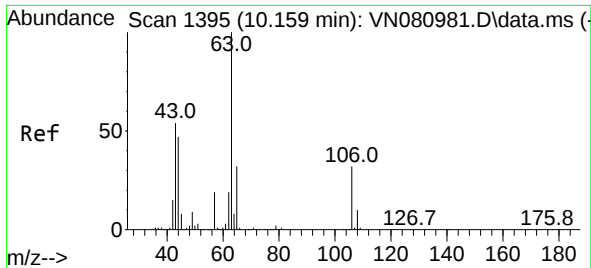


#54
1,2-Dibromoethane
Concen: 2.367 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



Tgt Ion:107 Resp: 4556
Ion Ratio Lower Upper
107 100
109 92.7 74.7 112.1





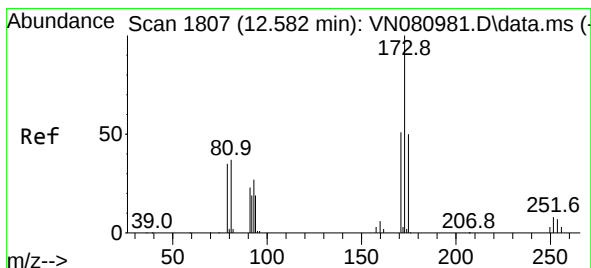
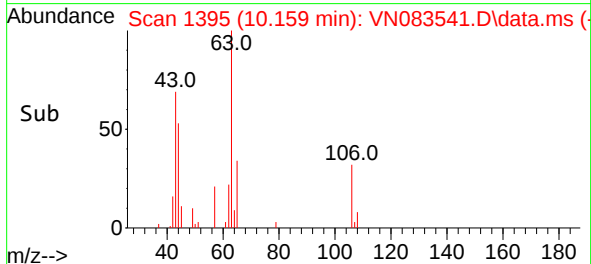
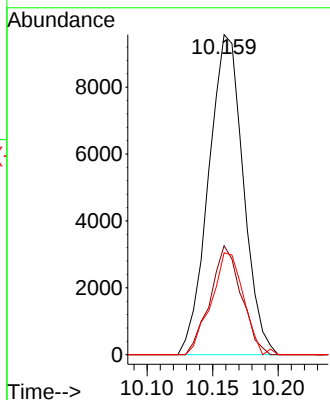
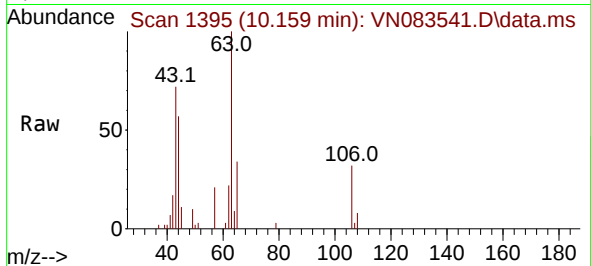
#55
2-Chloroethyl vinyl ether
Concen: 12.619 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 63 Resp: 1760
Ion Ratio Lower Upper
63 100
65 30.5 26.2 39.2
106 29.4 23.8 35.8

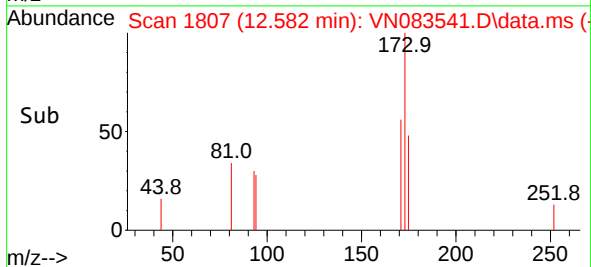
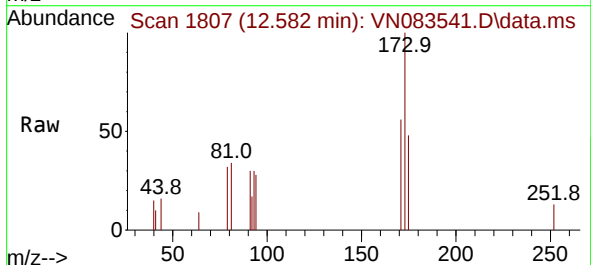
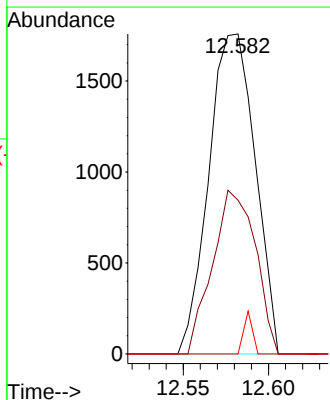
Manual Integrations
APPROVED

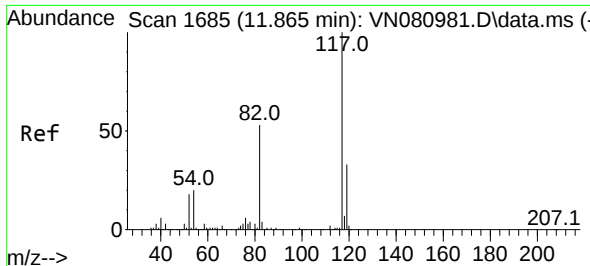
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 2.318 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

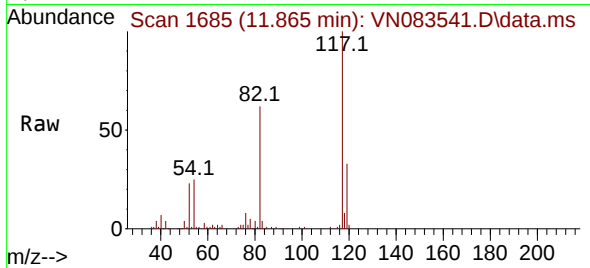
Tgt Ion:173 Resp: 3331
Ion Ratio Lower Upper
173 100
175 47.4 40.0 60.0
254 0.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

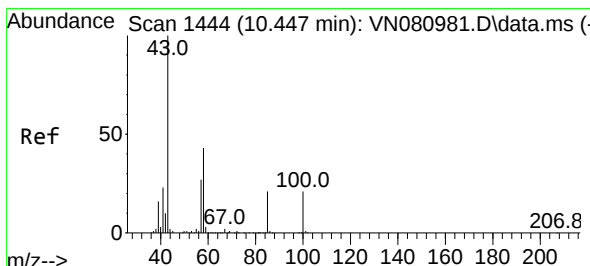
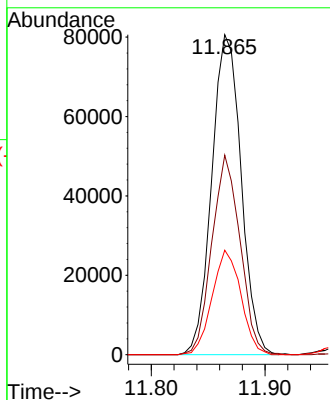
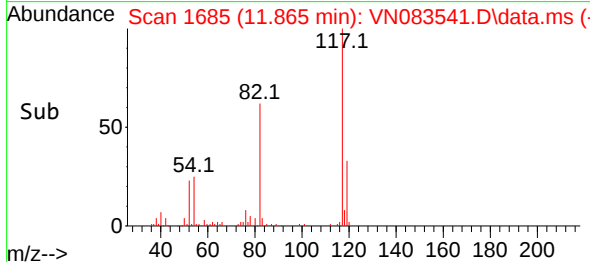
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:117 Resp: 14514
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 31.9 25.4 38.2

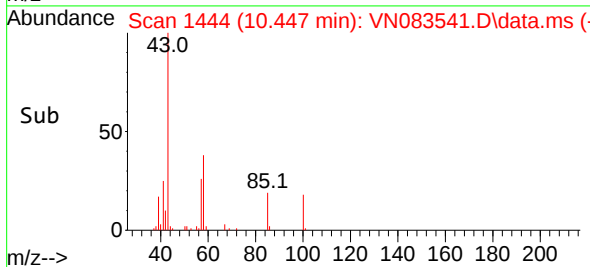
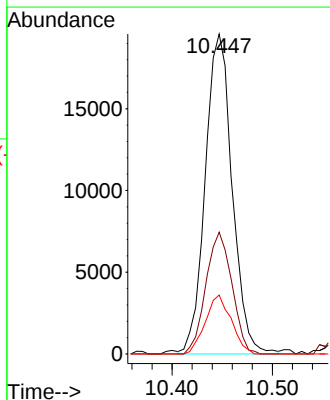
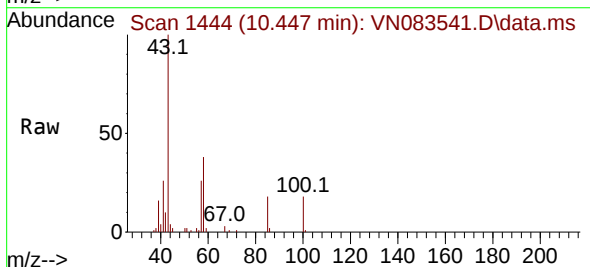
Manual Integrations
APPROVED

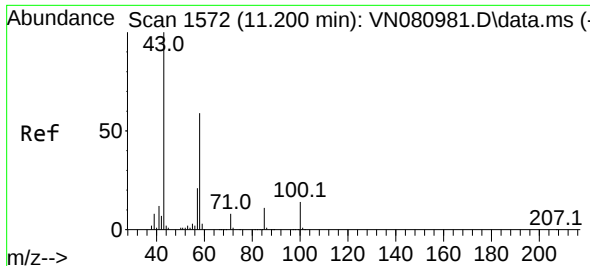
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#58
4-Methyl-2-Pentanone
Concen: 14.208 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

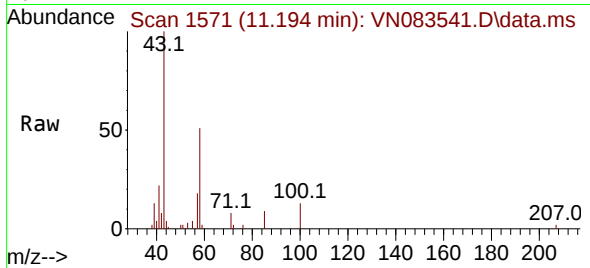
Tgt Ion: 43 Resp: 36573
Ion Ratio Lower Upper
43 100
58 36.8 36.5 54.7
85 17.7 19.5 29.3#





#59
2-Hexanone
Concen: 13.426 ug/l
RT: 11.194 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

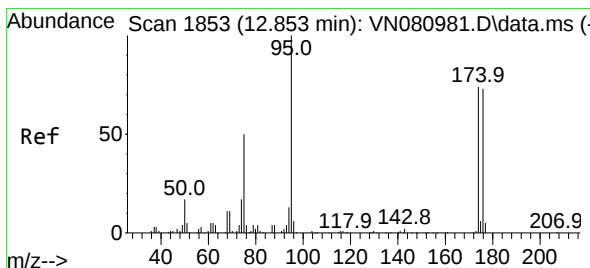
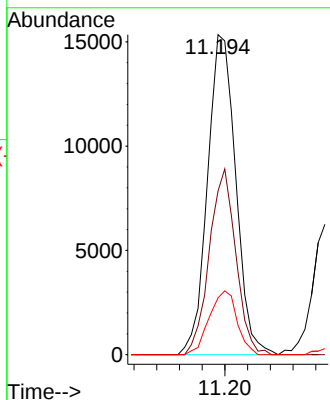
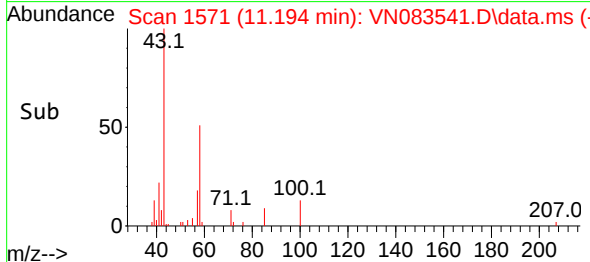
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
58 54.3 50.4 75.6
57 19.6 18.6 27.8

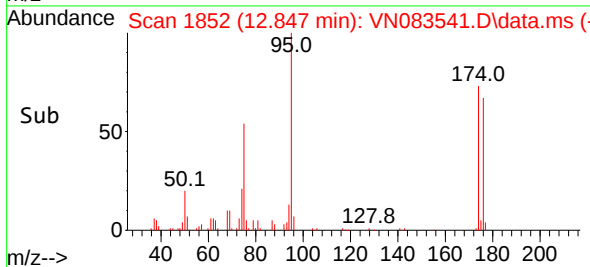
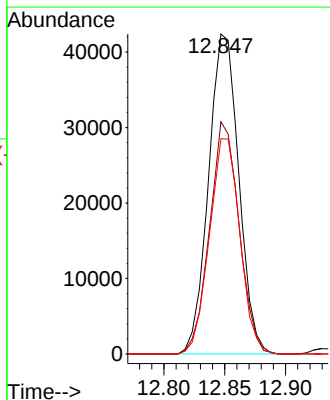
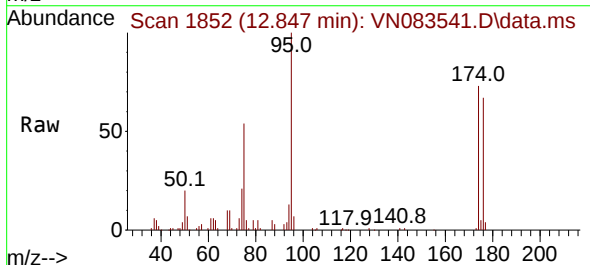
Manual Integrations
APPROVED

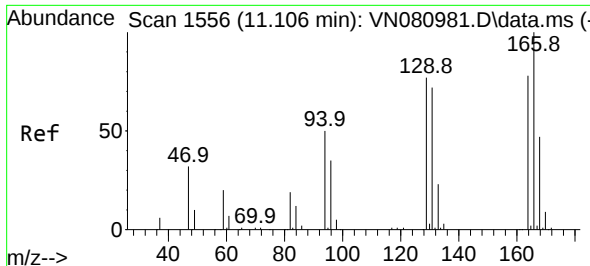
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 28.509 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

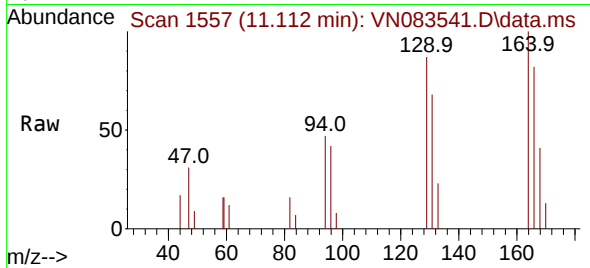
Tgt Ion: 95 Resp: 73256
Ion Ratio Lower Upper
95 100
174 70.7 60.5 90.7
176 67.6 57.8 86.6





#61
Tetrachloroethene
Concen: 2.690 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

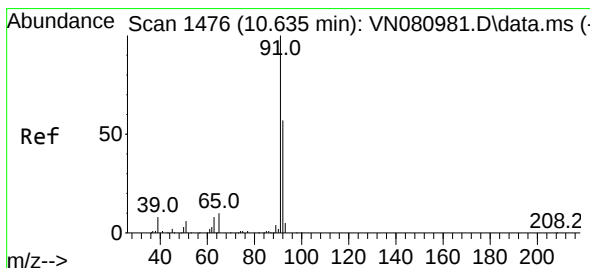
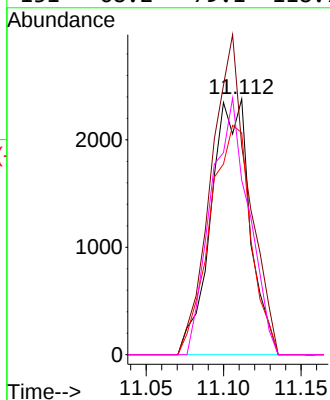
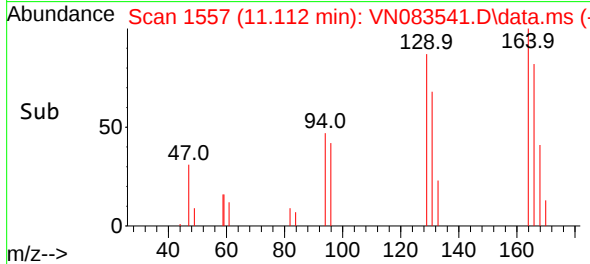
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



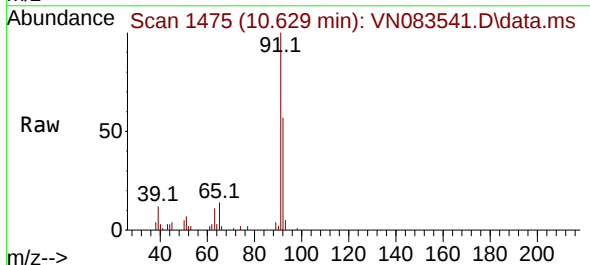
Tgt Ion:164 Resp: 414
Ion Ratio Lower Upper
164 100
166 81.6 106.7 160.1
129 86.9 85.8 128.6
131 68.2 79.1 118.7#

Manual Integrations
APPROVED

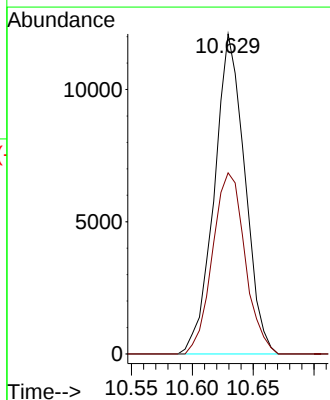
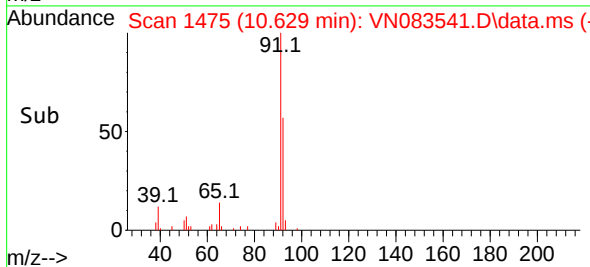
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

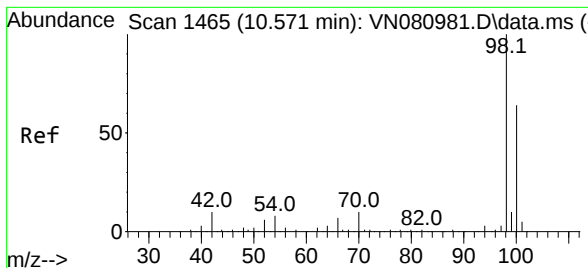


#62
Toluene
Concen: 2.516 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



Tgt Ion: 91 Resp: 21126
Ion Ratio Lower Upper
91 100
92 60.3 46.5 69.7





#63

Toluene-d8

Concen: 30.304 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 98 Resp: 20305

Ion Ratio Lower Upper

98 100

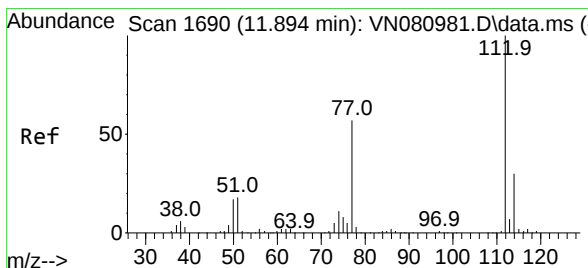
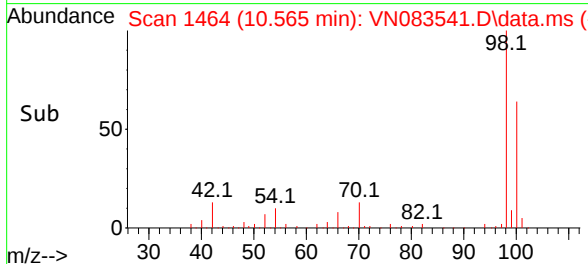
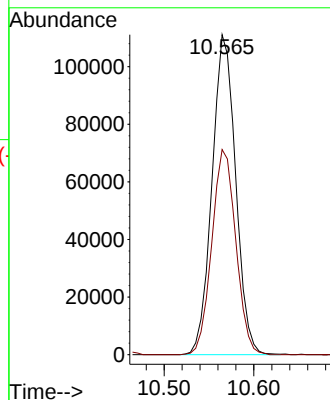
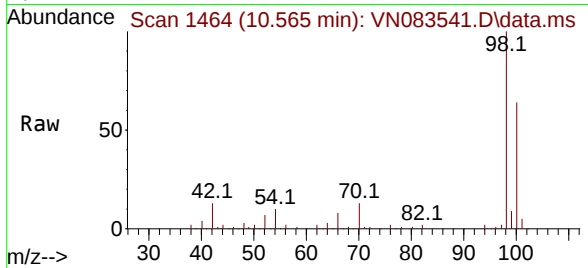
100 65.2 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#64

Chlorobenzene

Concen: 2.496 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN083541.D

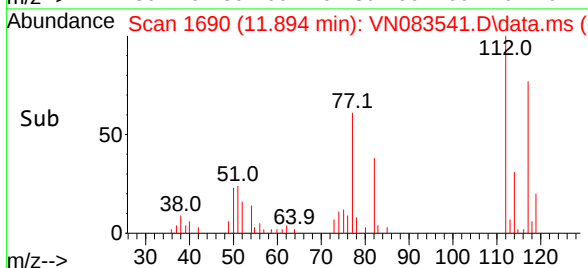
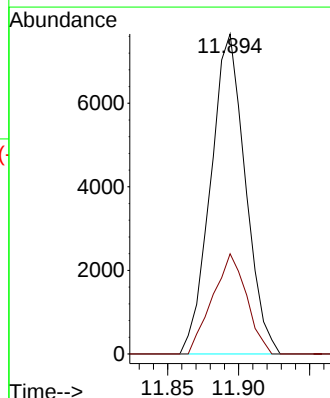
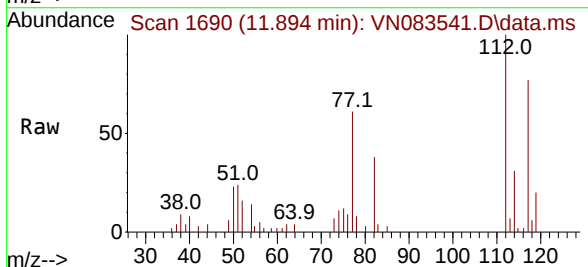
Acq: 28 Aug 2024 17:20

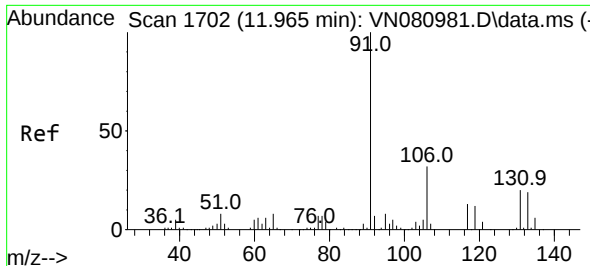
Tgt Ion:112 Resp: 12984

Ion Ratio Lower Upper

112 100

114 31.3 26.6 39.8





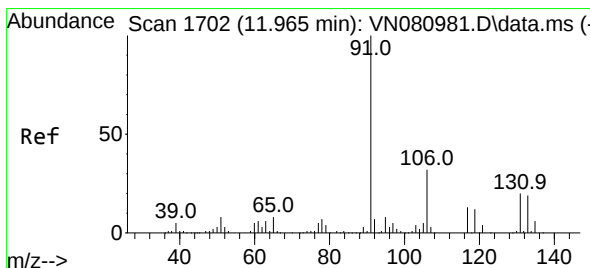
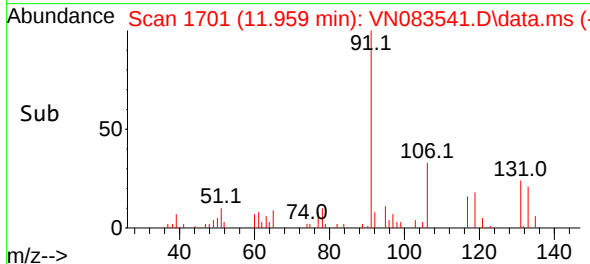
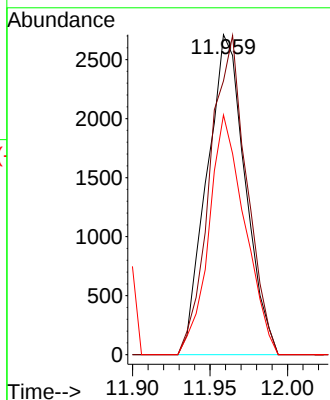
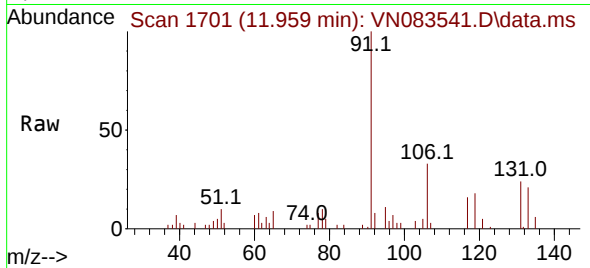
#65
1,1,1,2-Tetrachloroethane
Concen: 2.514 ug/l
RT: 11.959 min Scan# 119
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:131 Resp: 4654
Ion Ratio Lower Upper
131 100
133 96.0 0.0 188.0
119 70.3 0.0 122.8

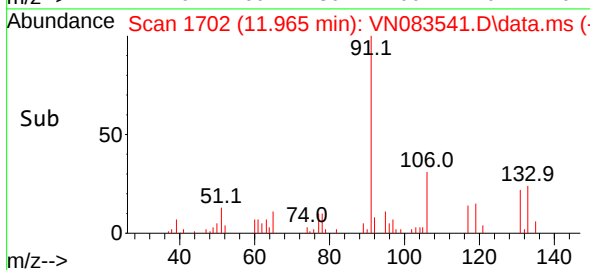
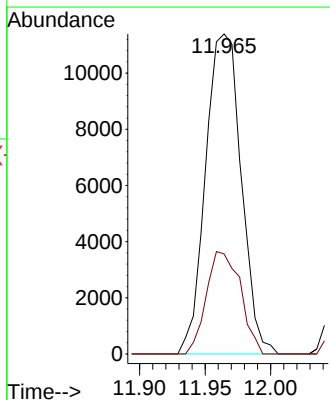
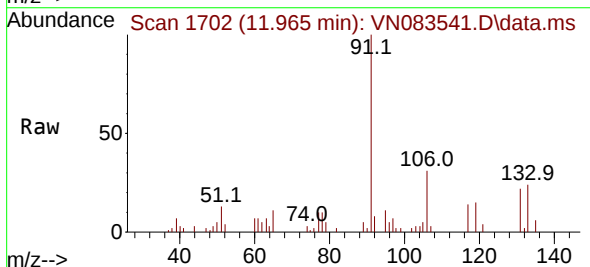
Manual Integrations
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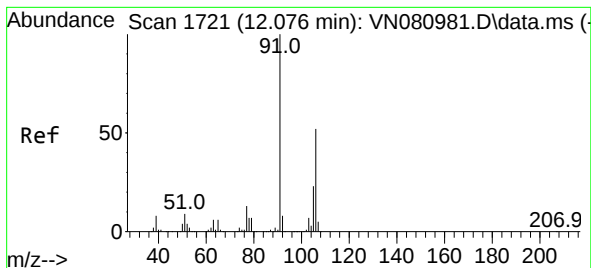
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 2.274 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 91 Resp: 21539
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6





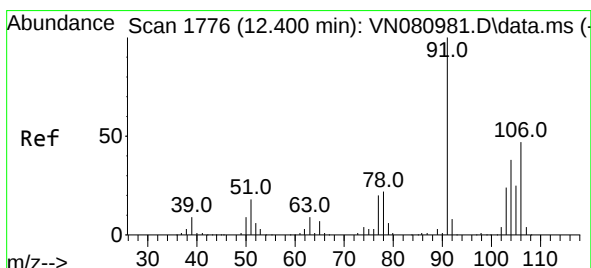
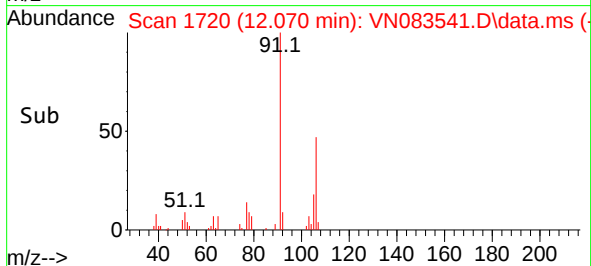
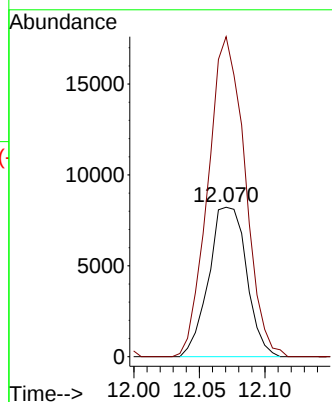
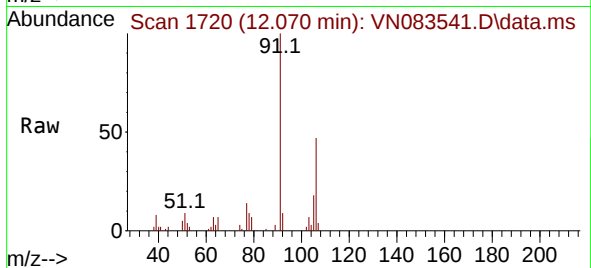
#67
m/p-Xylenes
Concen: 4.697 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:106 Resp: 1648
Ion Ratio Lower Upper
106 100
91 209.4 166.6 249.8

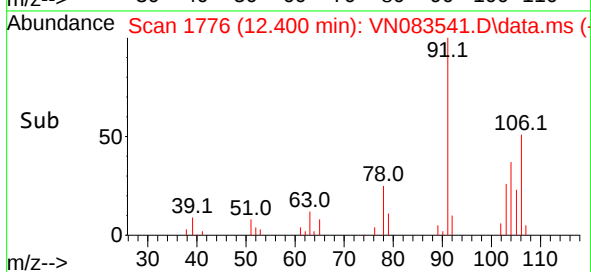
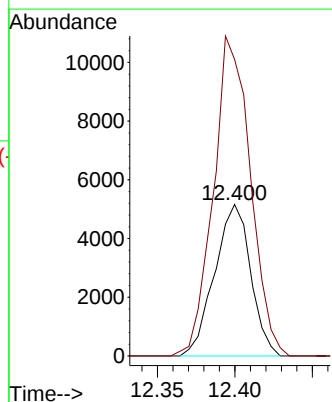
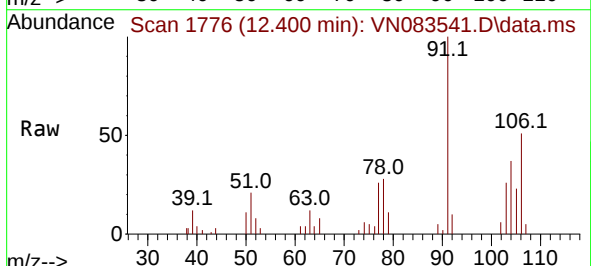
Manual Integrations
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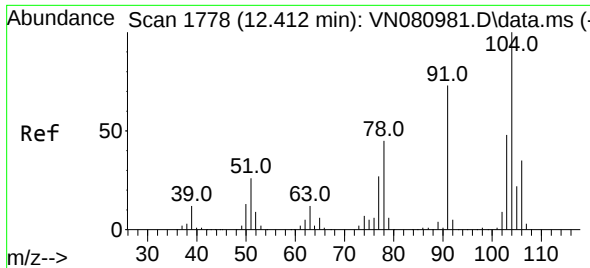
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 2.419 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion:106 Resp: 8339
Ion Ratio Lower Upper
106 100
91 216.6 110.0 330.0





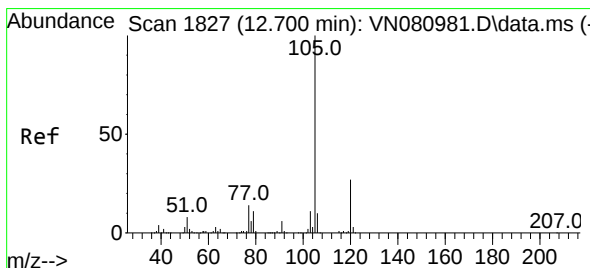
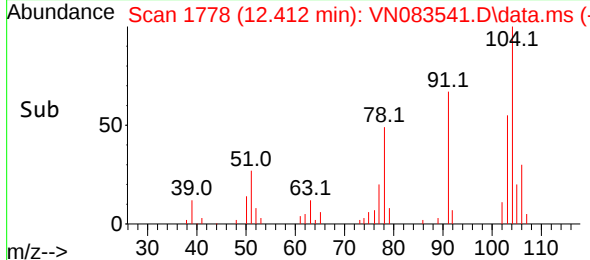
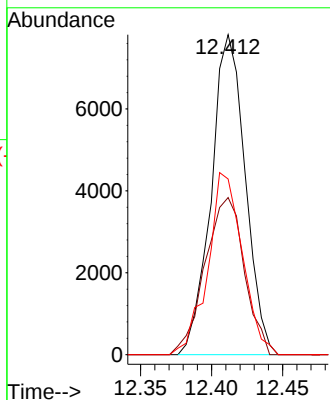
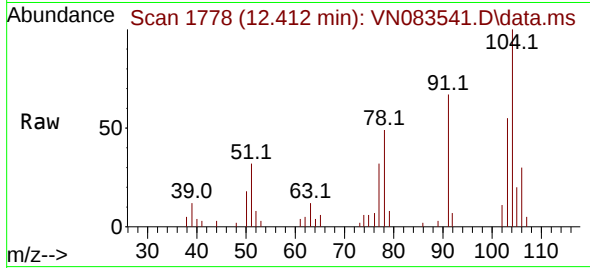
#69
Styrene
Concen: 2.221 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:104 Resp: 13036
Ion Ratio Lower Upper
104 100
78 56.5 42.6 64.0
103 57.7 43.7 65.5

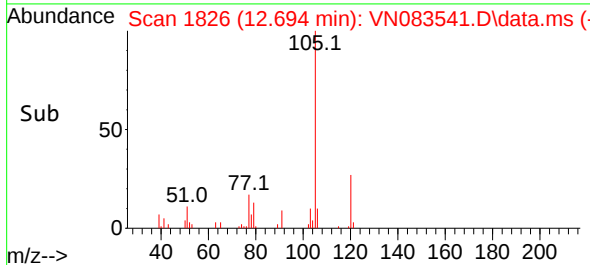
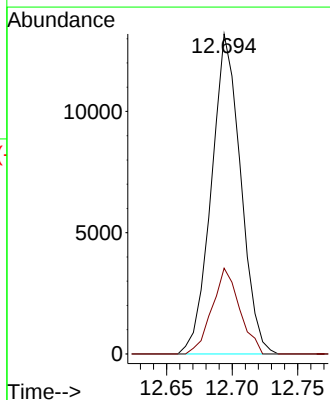
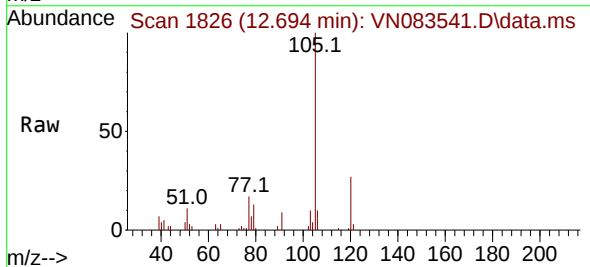
Manual Integrations
APPROVED

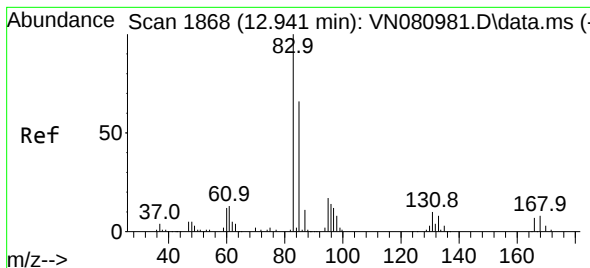
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#70
Isopropylbenzene
Concen: 2.250 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

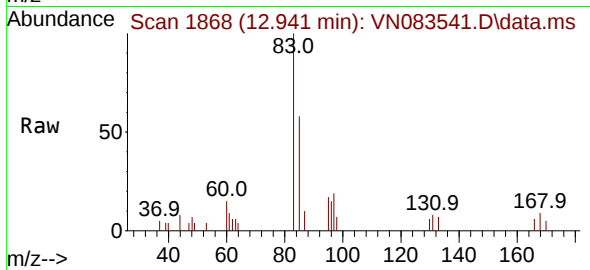
Tgt Ion:105 Resp: 20490
Ion Ratio Lower Upper
105 100
120 25.2 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.673 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

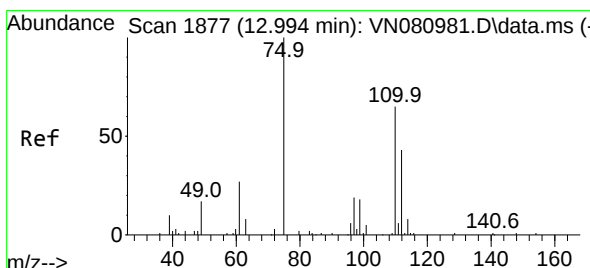
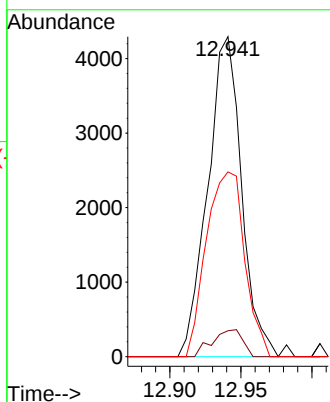
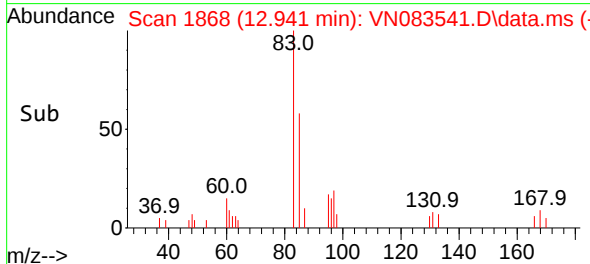
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 83 Resp: 711
Ion Ratio Lower Upper
83 100
131 7.6 5.2 15.6
85 65.3 32.3 96.8

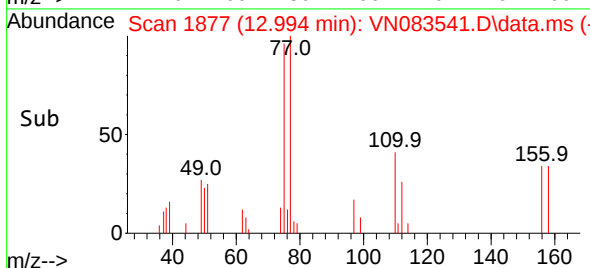
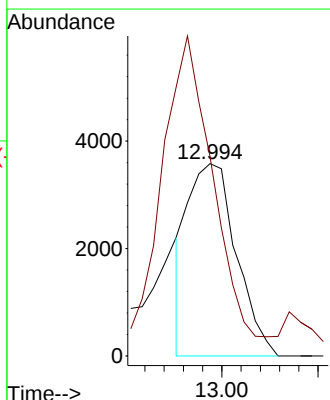
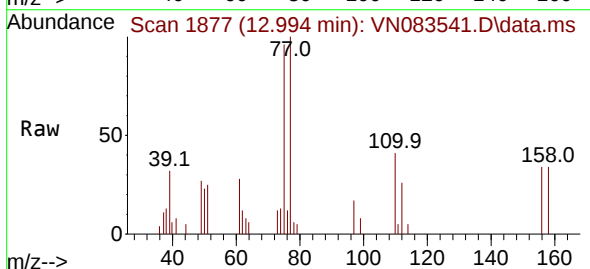
Manual Integrations
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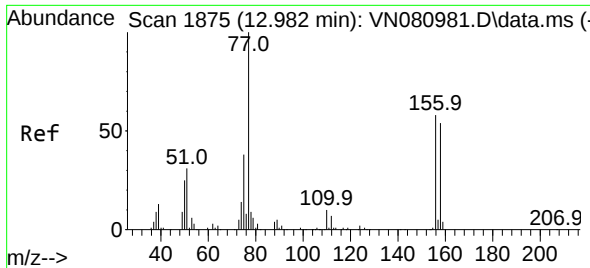
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 2.730 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 75 Resp: 6270
Ion Ratio Lower Upper
75 100
77 181.7 0.0 367.6





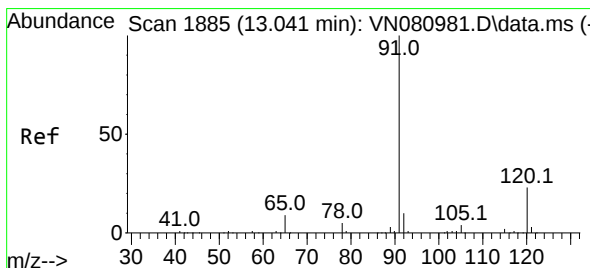
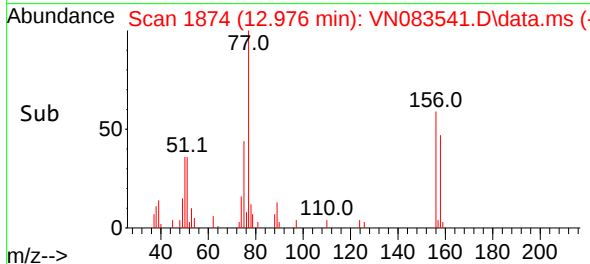
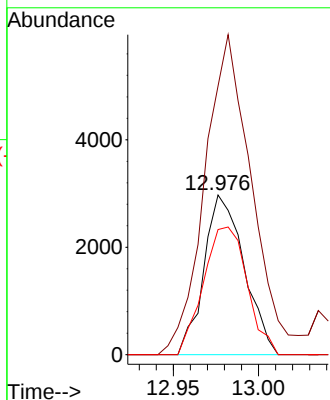
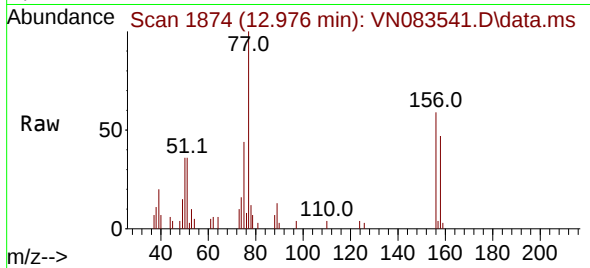
#73
Bromobenzene
Concen: 2.358 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	156	Resp:	4860
Ion Ratio	Lower	Upper	
156	100		
77	234.5	0.0	437.6
158	87.2	0.0	203.8

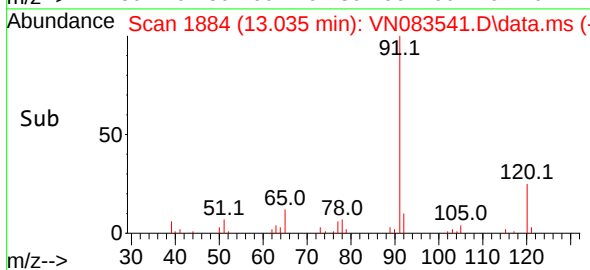
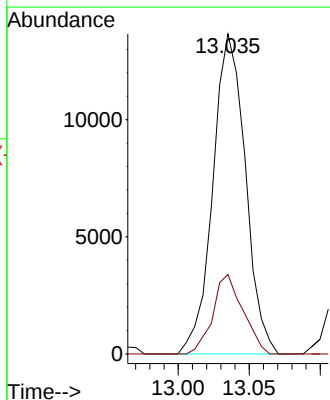
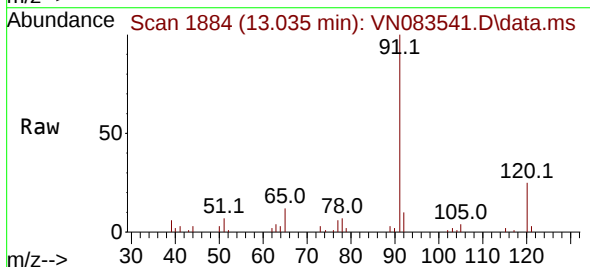
Manual Integrations
APPROVED

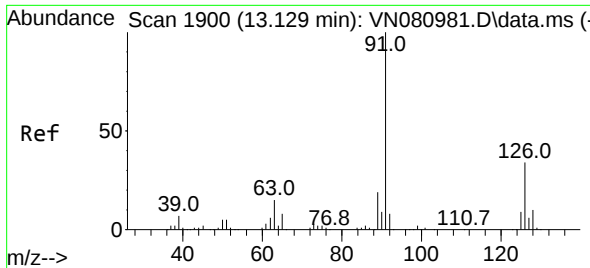
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 2.062 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion:	91	Resp:	21759
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	43.8





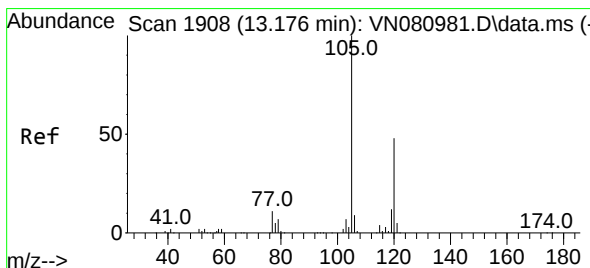
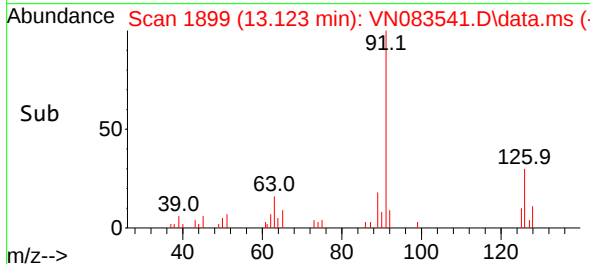
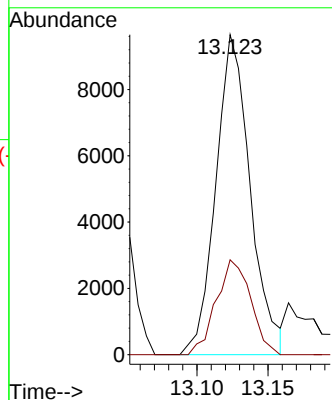
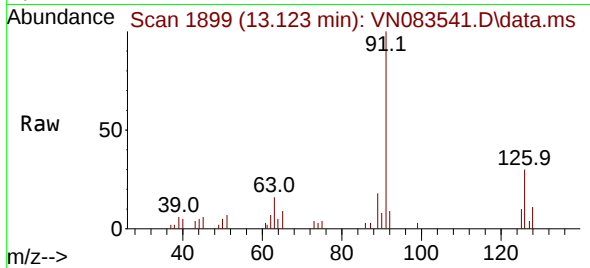
#75
2-Chlorotoluene
Concen: 2.405 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 91 Resp: 16239
Ion Ratio Lower Upper
91 100
126 29.7 0.0 61.2

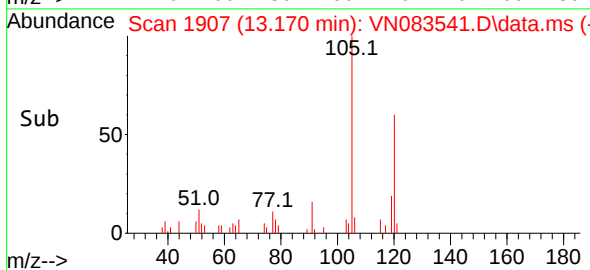
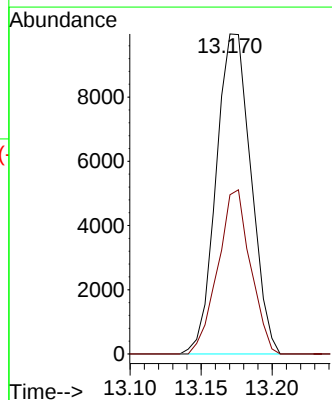
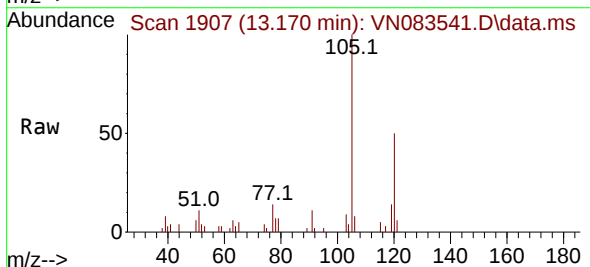
Manual Integrations
APPROVED

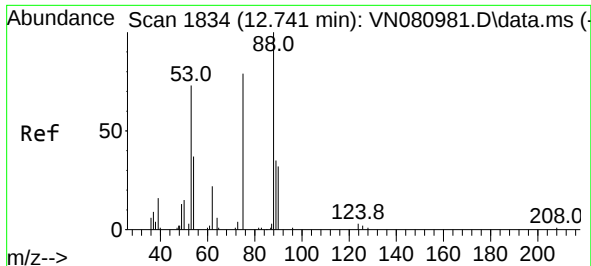
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.233 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

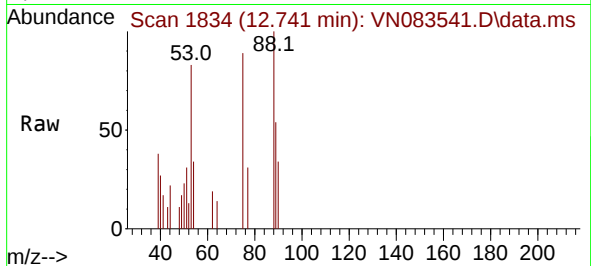
Tgt Ion:105 Resp: 16976
Ion Ratio Lower Upper
105 100
120 48.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 2.243 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

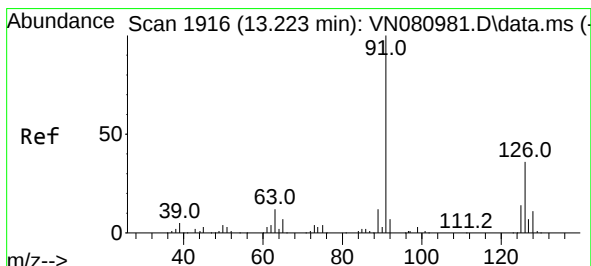
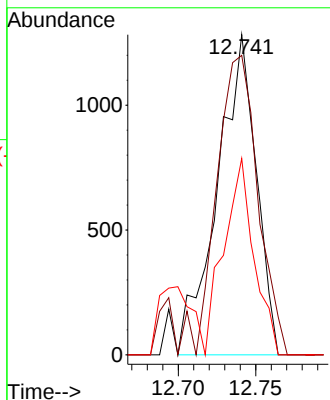
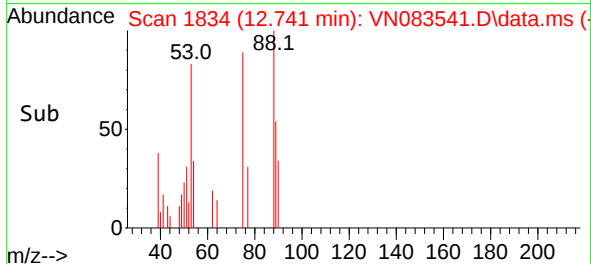
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



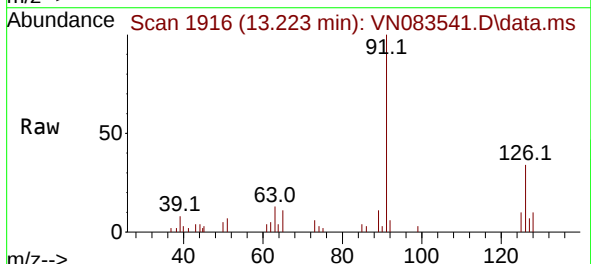
Tgt Ion: 75 Resp: 2238
Ion Ratio Lower Upper
75 100
53 93.5 45.9 137.7
89 61.3 25.9 77.7

Manual Integrations
APPROVED

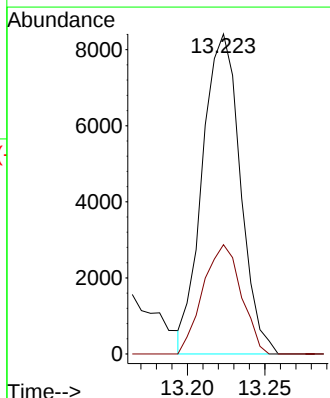
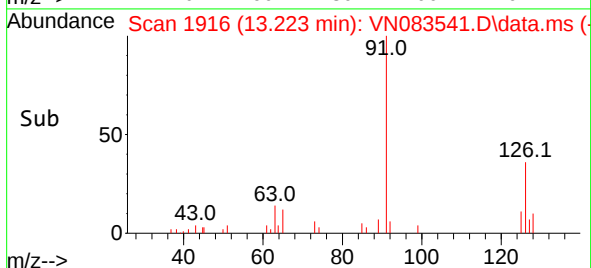
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

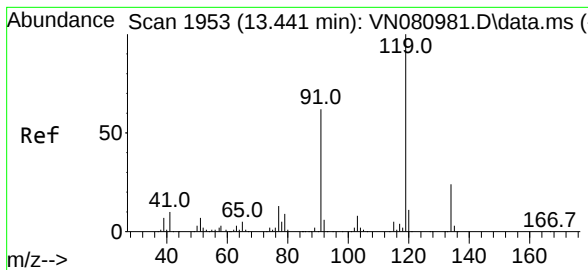


#78
4-Chlorotoluene
Concen: 2.134 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20



Tgt Ion: 91 Resp: 14304
Ion Ratio Lower Upper
91 100
126 34.5 0.0 62.8





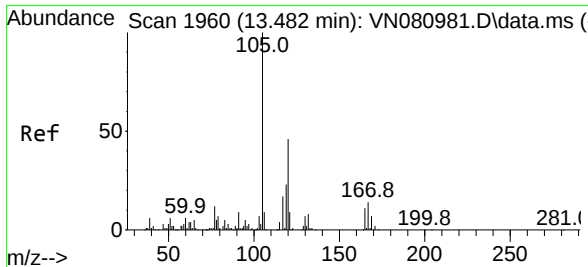
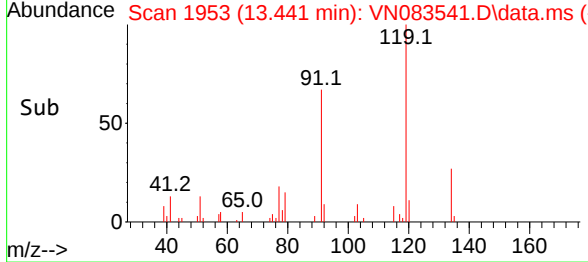
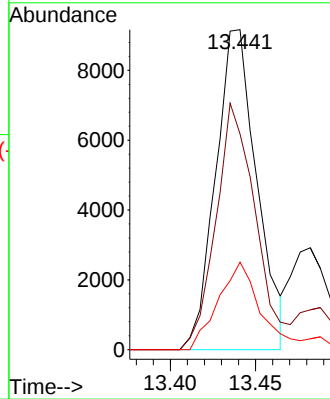
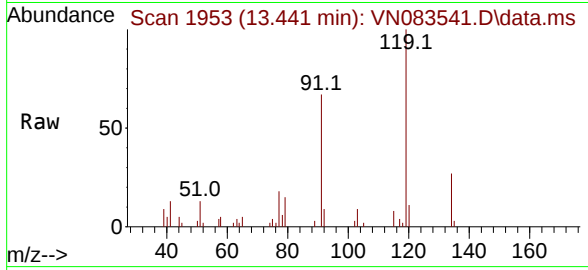
#79
tert-butylbenzene
Concen: 2.269 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:119 Resp: 15450
Ion Ratio Lower Upper
119 100
91 74.2 0.0 138.8
134 27.9 0.0 48.6

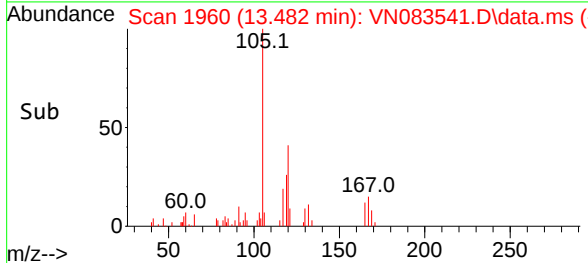
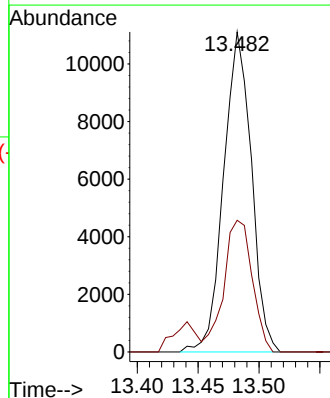
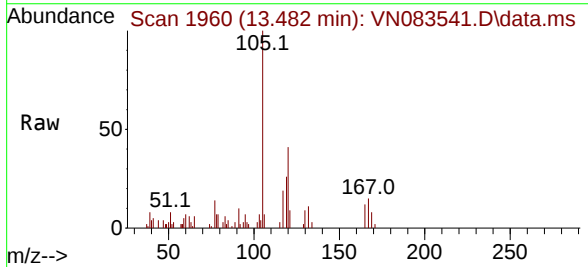
Manual Integrations
APPROVED

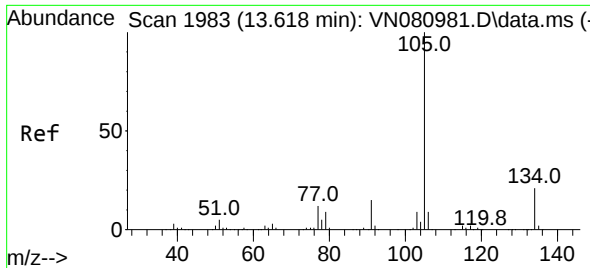
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.271 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

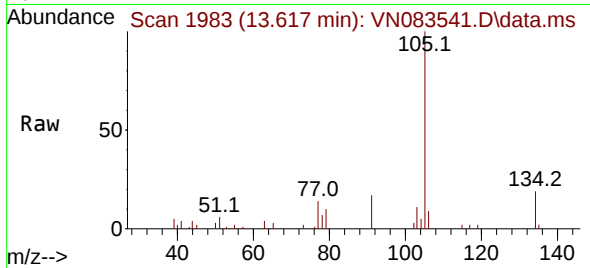
Tgt Ion:105 Resp: 17602
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 2.143 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20

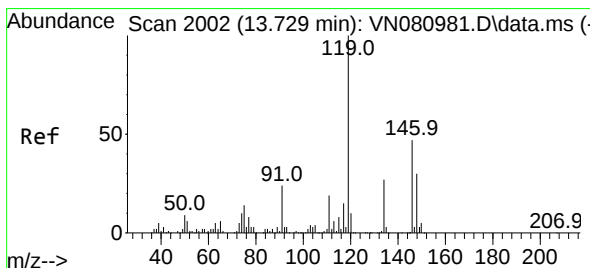
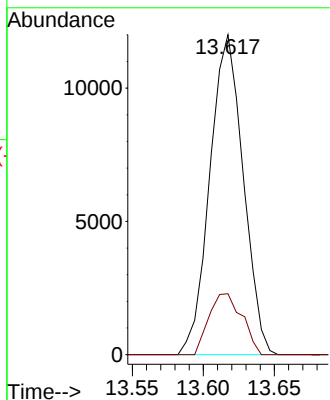
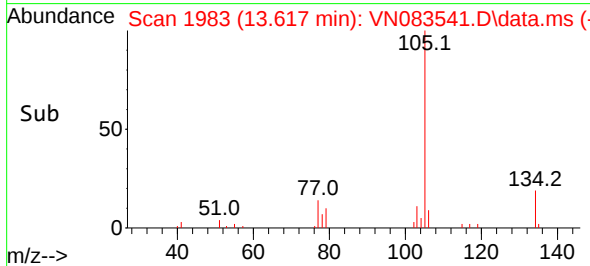
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



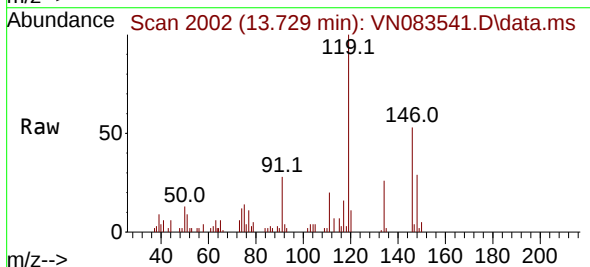
Tgt Ion:105 Resp: 19630
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.0

Manual Integrations
 APPROVED

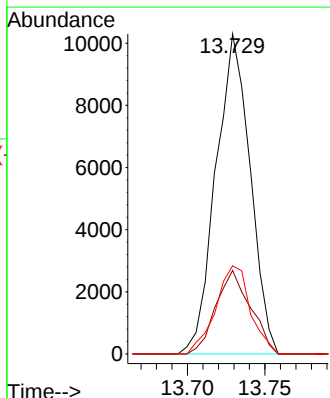
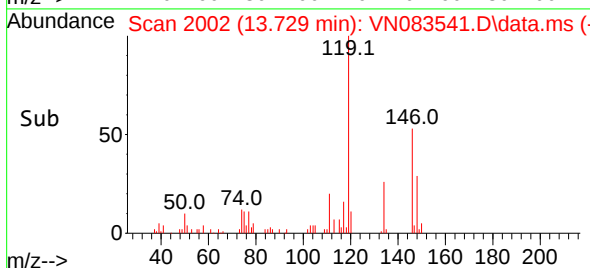
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

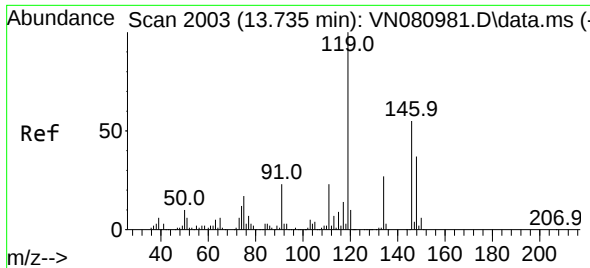


#82
 p-Isopropyltoluene
 Concen: 2.041 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083541.D
 Acq: 28 Aug 2024 17:20



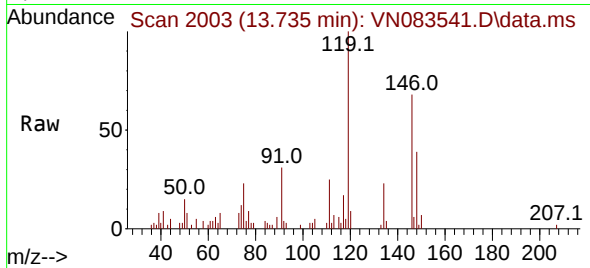
Tgt Ion:119 Resp: 15833
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 49.2
 91 27.9 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 2.217 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

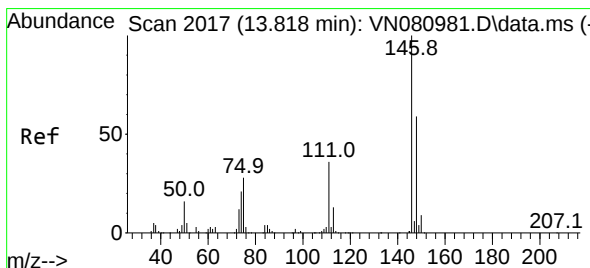
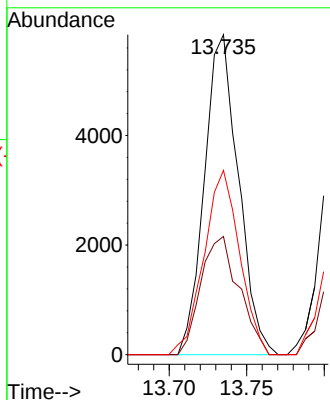
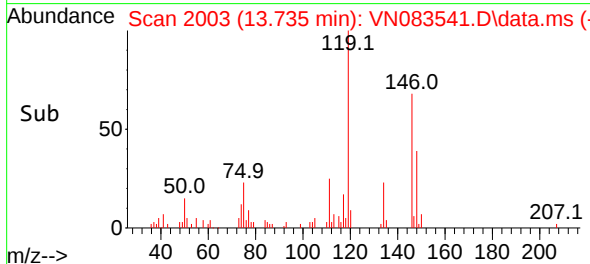
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:146 Resp: 892
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 60.4 32.1 96.5

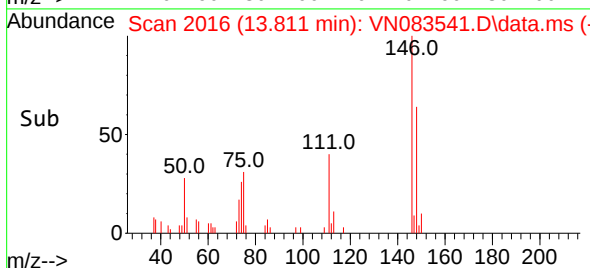
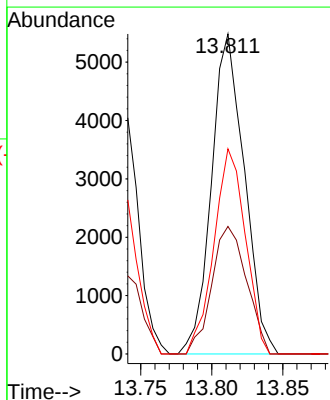
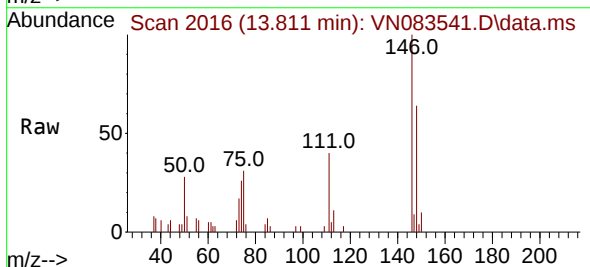
Manual Integrations
APPROVED

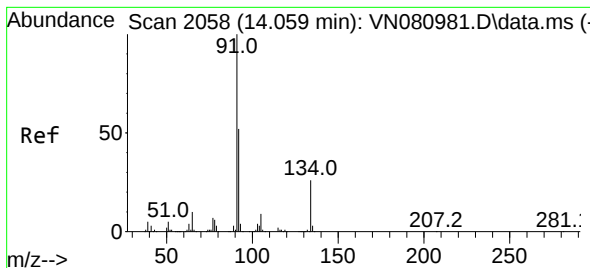
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#84
1,4-Dichlorobenzene
Concen: 2.189 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion:146 Resp: 8849
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 61.4 31.9 95.5





#85

n-Butylbenzene

Concen: 2.014 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

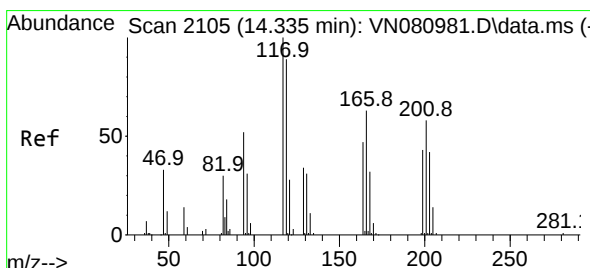
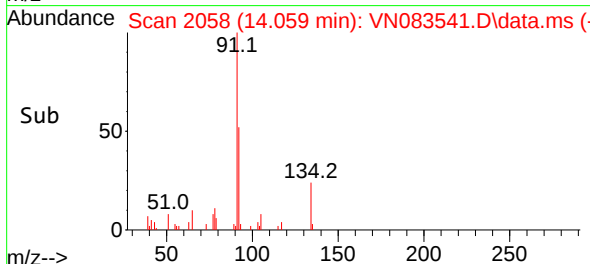
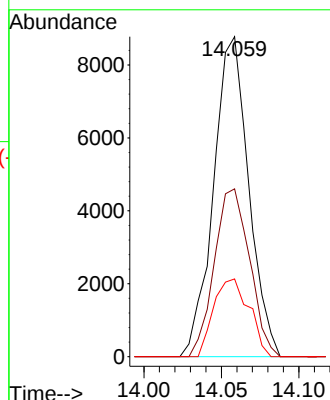
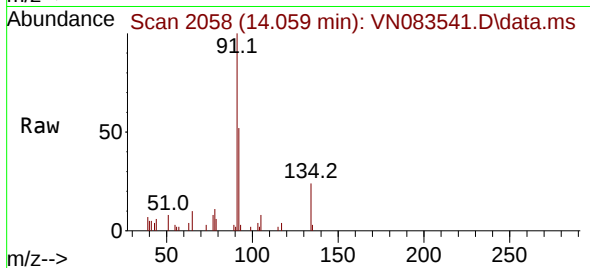
Tgt Ion: 91	Resp: 13850
Ion Ratio	Lower Upper
91 100	
92 52.6	0.0 105.0
134 24.5	0.0 51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#86

Hexachloroethane

Concen: 2.757 ug/l

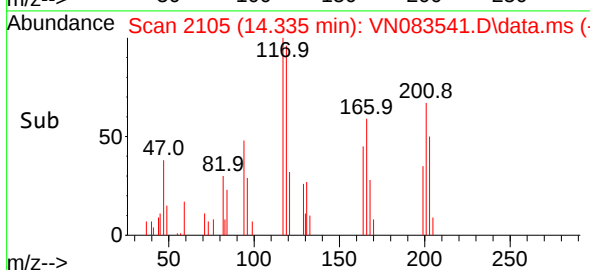
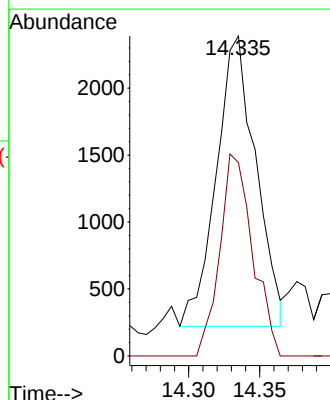
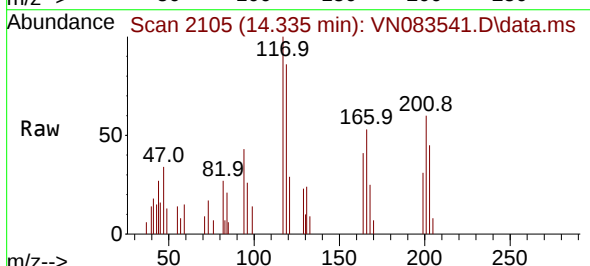
RT: 14.335 min Scan# 2105

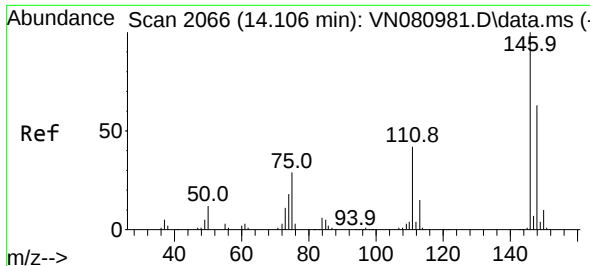
Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Tgt Ion: 117	Resp: 4190
Ion Ratio	Lower Upper
117 100	
201 58.0	38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 2.255 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

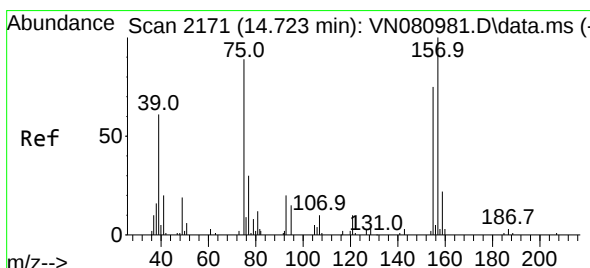
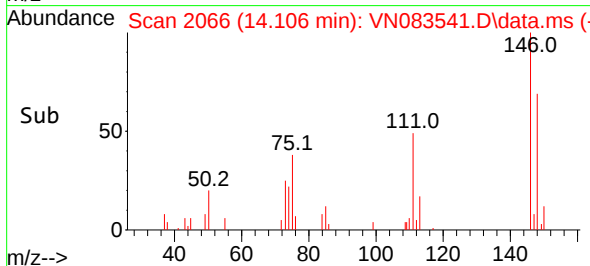
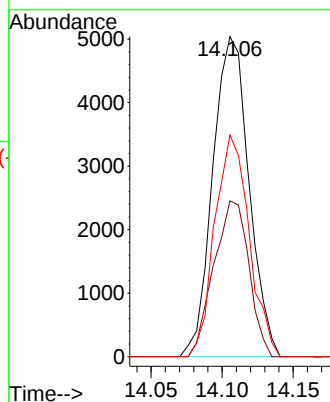
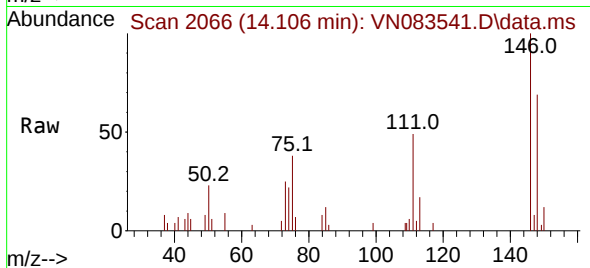
Tgt Ion:	146	Resp:	893
Ion Ratio	Lower	Upper	
146	100		
111	47.1	22.6	67.8
148	65.7	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.935 ug/l

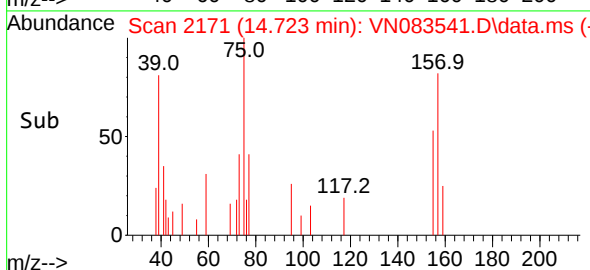
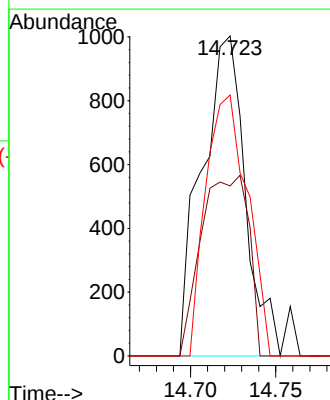
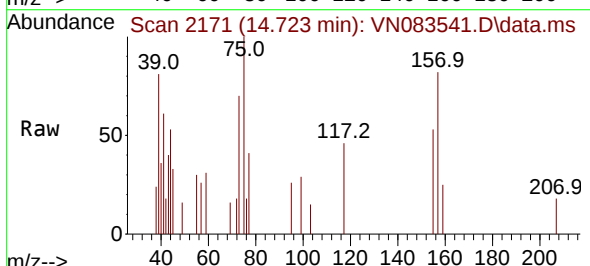
RT: 14.723 min Scan# 2171

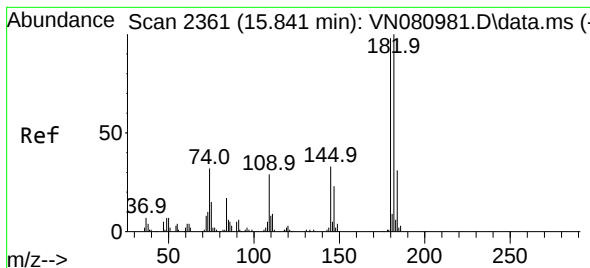
Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

Tgt Ion:	75	Resp:	1785
Ion Ratio	Lower	Upper	
75	100		
155	42.2	61.7	92.5#
157	78.1	83.6	125.4#





#89

1,2,4-Trichlorobenzene

Concen: 2.043 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN083541.D

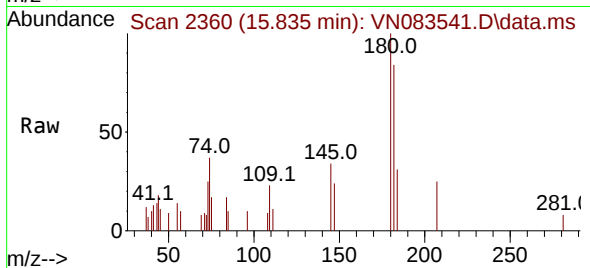
Acq: 28 Aug 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



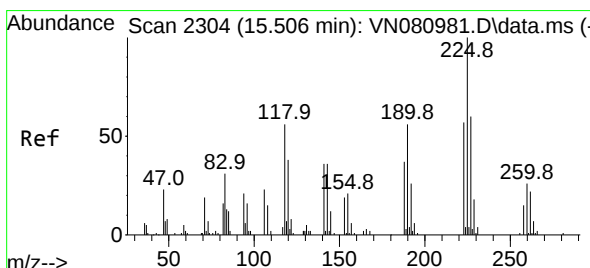
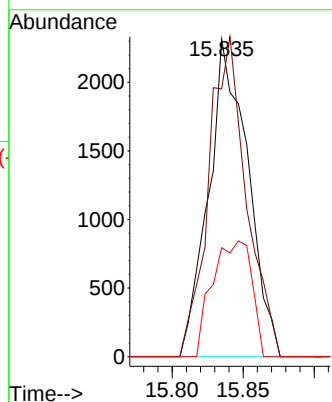
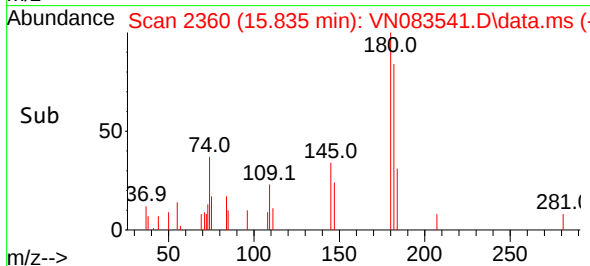
Tgt Ion:	180	Resp:	443
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.4	114.6
145	36.6	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 2.342 ug/l

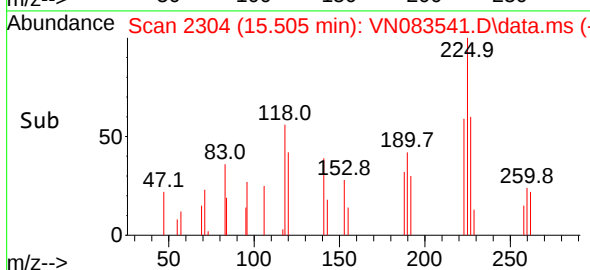
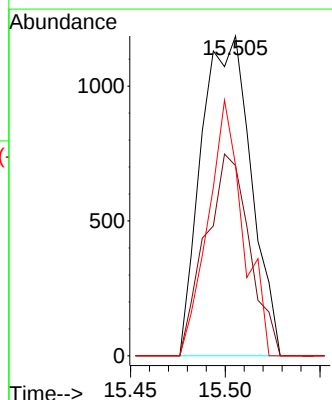
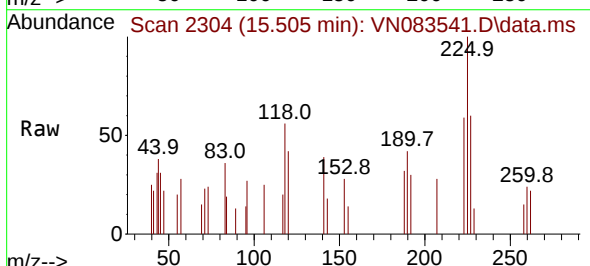
RT: 15.505 min Scan# 2304

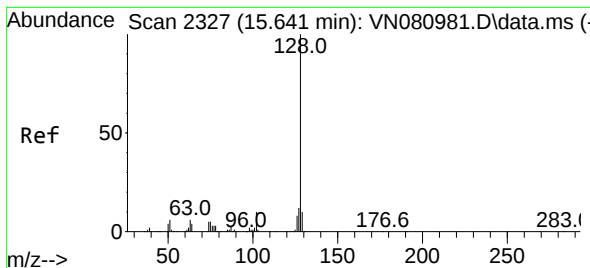
Delta R.T. -0.000 min

Lab File: VN083541.D

Acq: 28 Aug 2024 17:20

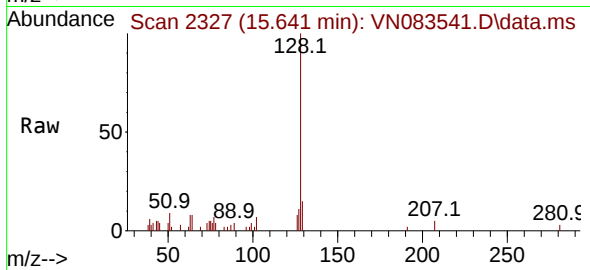
Tgt Ion:	225	Resp:	2162
Ion Ratio	Lower	Upper	
225	100		
223	55.8	0.0	126.6
227	56.4	0.0	126.6





#91
Naphthalene
Concen: 2.052 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

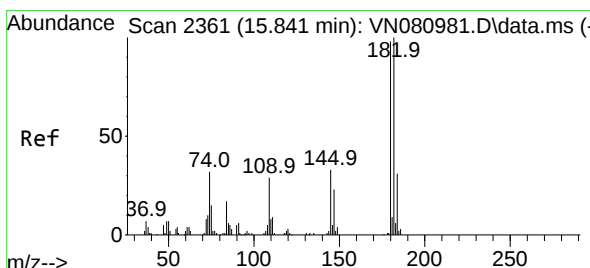
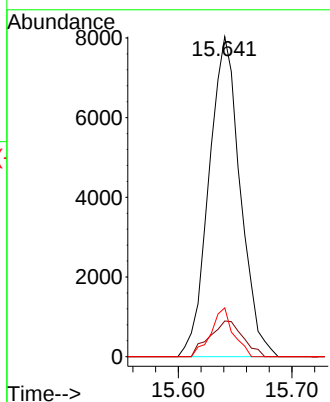
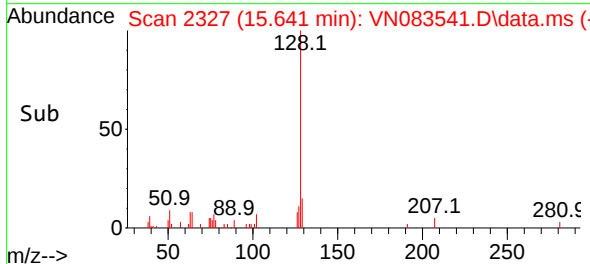
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:128 Resp: 15400
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 2.043 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083541.D
Acq: 28 Aug 2024 17:20

Tgt Ion:180 Resp: 4438
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.0
145 36.6 0.0 71.0

