

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077693.D
 Acq On : 16 May 2023 15:27
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:41:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	359926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	683389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	569822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	285666	53.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	8.171	113	222560	49.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	10.571	98	833749	48.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.853	95	267642	44.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	1113	0.272	ug/l	83
3) Chloromethane	2.365	50	3506	0.714	ug/l #	77
4) Vinyl Chloride	2.524	62	1349	0.261	ug/l #	42
6) Chloroethane	3.042	64	898	0.241	ug/l #	44
10) Methyl Iodide	4.600	142	1699	0.358	ug/l #	59
11) Tert butyl alcohol	5.536	59	274	0.369	ug/l #	72
13) Acrolein	4.189	56	424	0.802	ug/l #	16
15) Acrylonitrile	5.736	53	2589	1.304	ug/l #	86
16) Acetone	4.453	43	2217	1.308	ug/l #	79
17) Carbon Disulfide	4.718	76	2864	0.281	ug/l #	75
20) Methylene Chloride	5.295	84	1703	0.336	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	1230	0.289	ug/l #	66
22) Diisopropyl ether	6.677	45	3514	0.270	ug/l #	90
23) Vinyl Acetate	6.618	43	9093	1.126	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	2523	0.316	ug/l #	81
25) 2-Butanone	7.494	43	2075	0.783	ug/l #	66
26) 2,2-Dichloropropane	7.500	77	1622	0.239	ug/l #	65
27) cis-1,2-Dichloroethene	7.506	96	1249	0.245	ug/l	51
30) Chloroform	7.971	83	2866	0.326	ug/l #	73
31) Cyclohexane	8.230	56	9537	1.303	ug/l #	13
32) 1,1,1-Trichloroethane	8.171	97	2124	0.284	ug/l #	24
36) 1,1-Dichloropropene	8.388	75	2229	0.342	ug/l #	70
37) Ethyl Acetate	7.577	43	1406	0.242	ug/l #	84
38) Carbon Tetrachloride	8.383	117	1424	0.216	ug/l #	47
39) Methylcyclohexane	9.606	83	2065	0.259	ug/l #	78
40) Benzene	8.612	78	4891	0.254	ug/l	94
41) Methacrylonitrile	7.783	41	821	0.265	ug/l #	70
42) 1,2-Dichloroethane	8.688	62	2454	0.351	ug/l #	73
43) Isopropyl Acetate	8.694	43	2365	0.249	ug/l #	87
44) Trichloroethene	9.353	130	1479	0.304	ug/l	88
45) 1,2-Dichloropropane	9.630	63	1122	0.229	ug/l	97
46) Dibromomethane	9.712	93	771	0.220	ug/l #	71
47) Bromodichloromethane	9.888	83	1695	0.252	ug/l #	80
48) Methyl methacrylate	9.694	41	1633	0.363	ug/l #	63
49) 1,4-Dioxane	9.706	88	115	1.353	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	6713	1.190	ug/l	88

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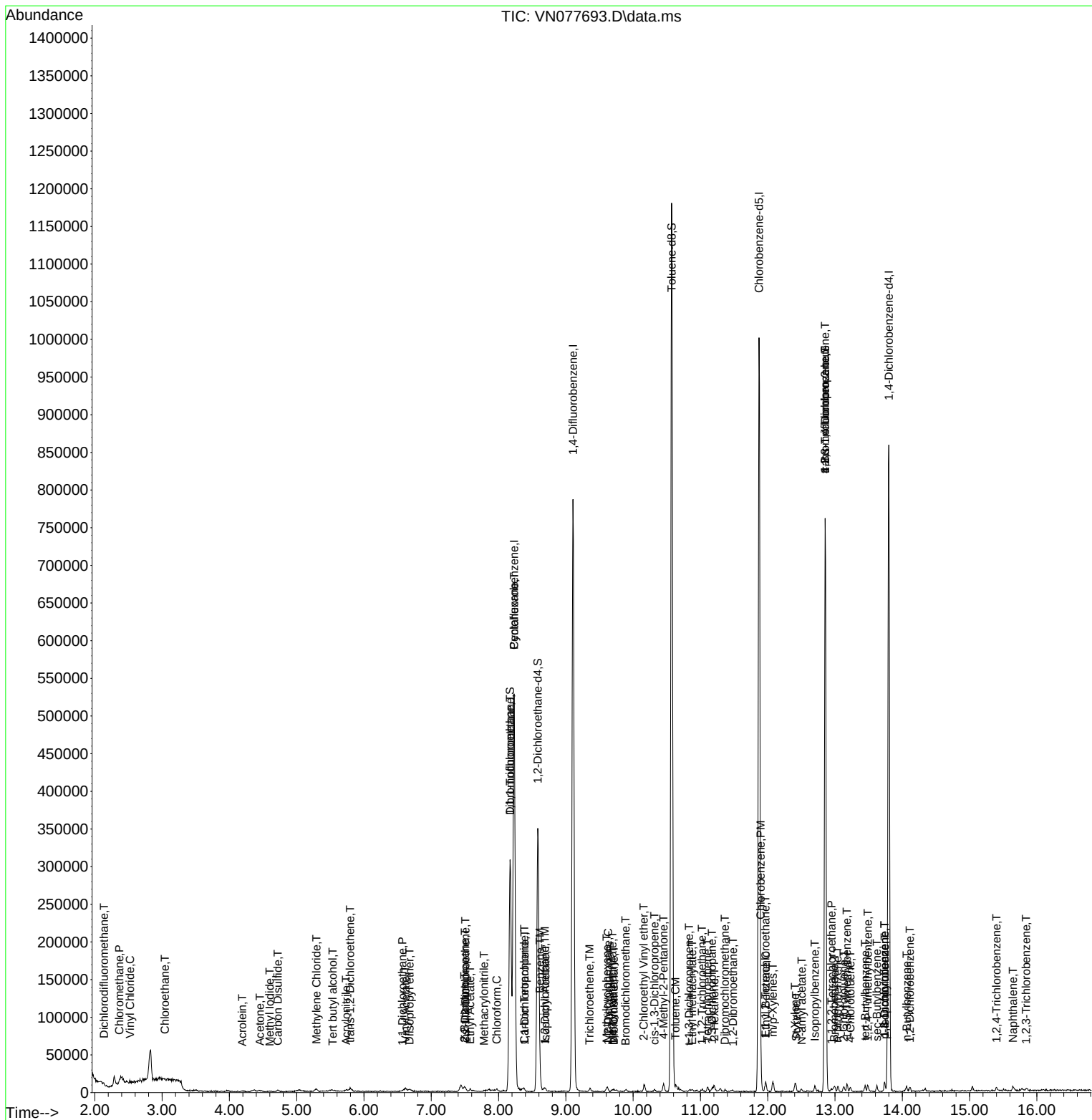
Instrument :
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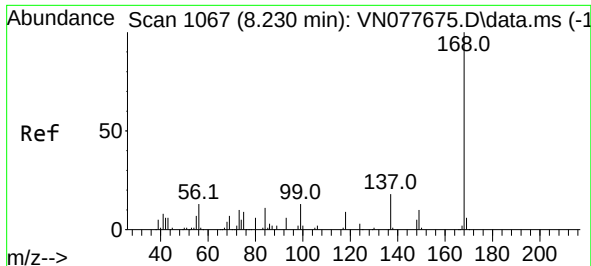
Quant Time: May 17 04:41:48 2023
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 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:41:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Toluene	10.630	92	3370	0.281	ug/l	87
53) t-1,3-Dichloropropene	10.829	75	1598	0.225	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	1676	0.214	ug/l #	68
55) 1,1,2-Trichloroethane	11.024	97	1034	0.217	ug/l #	78
56) Ethyl methacrylate	10.877	69	1494	0.208	ug/l #	55
57) 1,3-Dichloropropane	11.171	76	2122	0.260	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.159	63	3897	1.102	ug/l	94
59) 2-Hexanone	11.206	43	5452	1.307	ug/l	87
60) Dibromochloromethane	11.365	129	1299	0.265	ug/l	75
61) 1,2-Dibromoethane	11.482	107	1319	0.278	ug/l #	75
64) Tetrachloroethene	11.106	164	1085	0.272	ug/l #	76
65) Chlorobenzene	11.894	112	3275	0.265	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	976	0.228	ug/l #	49
67) Ethyl Benzene	11.971	91	6069	0.274	ug/l #	88
68) m/p-Xylenes	12.076	106	4163	0.496	ug/l	90
69) o-Xylene	12.406	106	1923	0.233	ug/l	86
70) Styrene	12.424	104	3475	0.265	ug/l	94
73) Isopropylbenzene	12.700	105	5125	0.266	ug/l	95
74) N-amyl acetate	12.506	43	1995	0.280	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.947	83	1856	0.313	ug/l #	84
76) 1,2,3-Trichloropropane	12.853	75	142619	25.475	ug/l #	1
77) Bromobenzene	12.988	156	1309	0.298	ug/l	98
78) n-propylbenzene	13.035	91	5659	0.249	ug/l	97
79) 2-Chlorotoluene	13.129	91	3968	0.293	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	4364	0.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	142619	81.431	ug/l #	15
82) 4-Chlorotoluene	13.229	91	3574	0.265	ug/l	98
83) tert-Butylbenzene	13.447	119	3832	0.271	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	3902	0.245	ug/l	91
85) sec-Butylbenzene	13.623	105	4844	0.241	ug/l	99
86) p-Isopropyltoluene	13.741	119	3960	0.247	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	2437	0.300	ug/l	99
88) 1,4-Dichlorobenzene	13.735	146	2437	0.302	ug/l	98
89) n-Butylbenzene	14.065	91	3849	0.261	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	1960	0.258	ug/l	82
93) 1,2,4-Trichlorobenzene	15.400	180	1477	0.333	ug/l	89
95) Naphthalene	15.647	128	4921	0.322	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.841	180	1275	0.293	ug/l #	61

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

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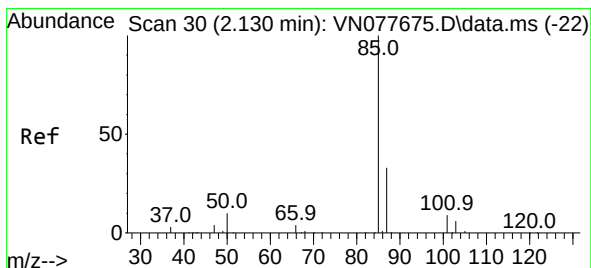
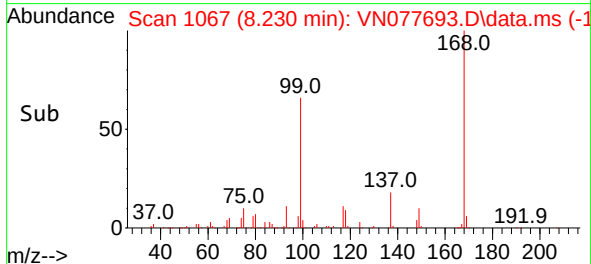
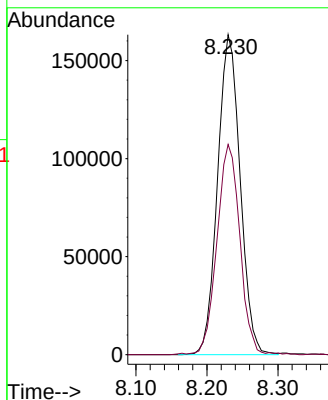
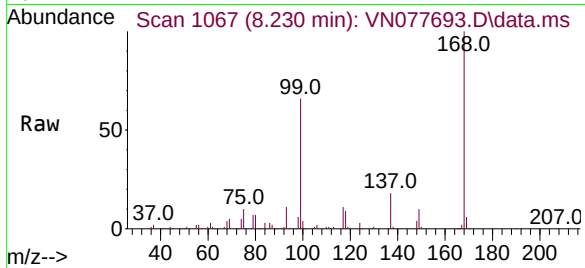




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077693.D
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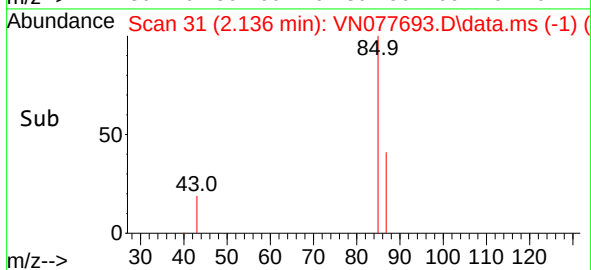
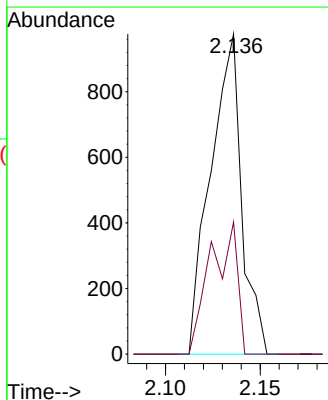
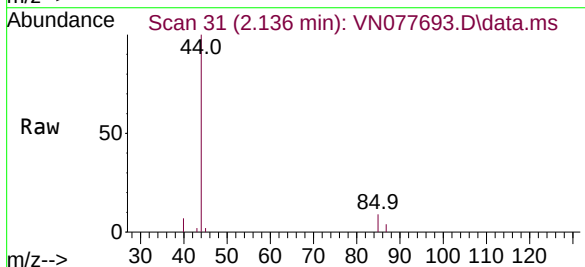
Instrument :
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LOD-MDL-WATER-01-QT2-2023

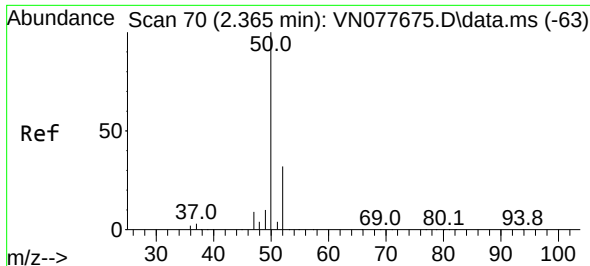
Tgt Ion:168 Resp: 359926
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.272 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 85 Resp: 1113
Ion Ratio Lower Upper
85 100
87 41.3 15.8 47.4

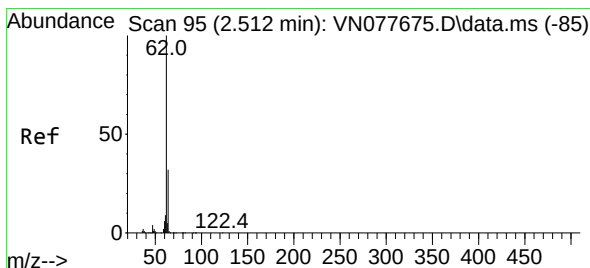
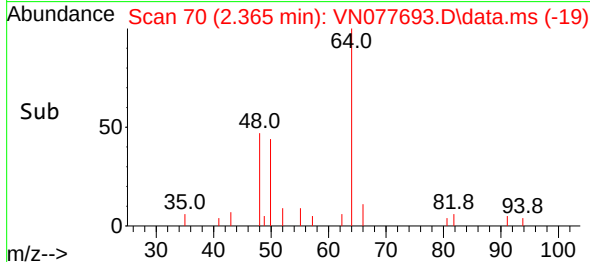
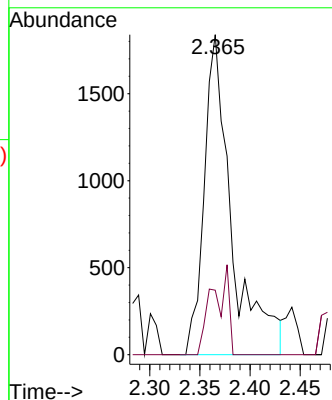
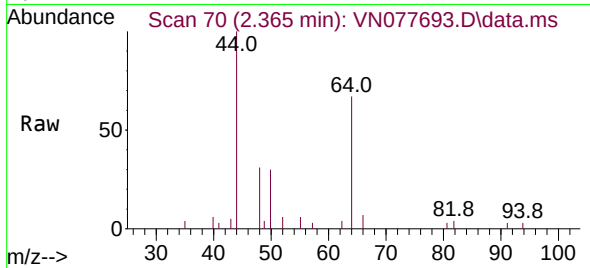




#3
Chloromethane
Concen: 0.714 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

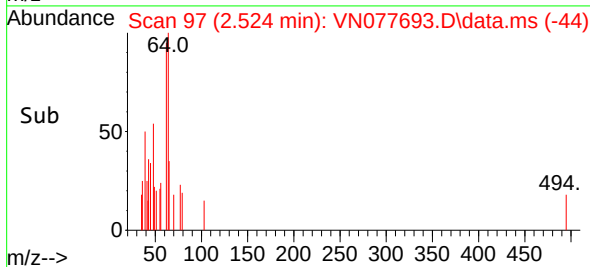
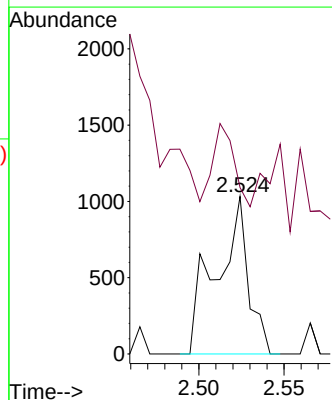
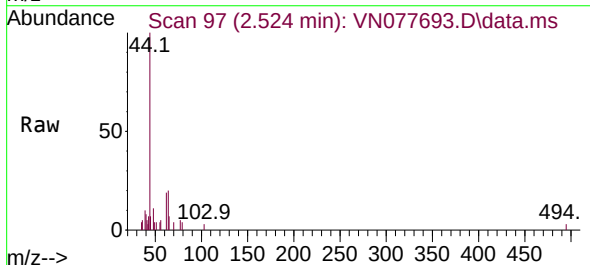
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

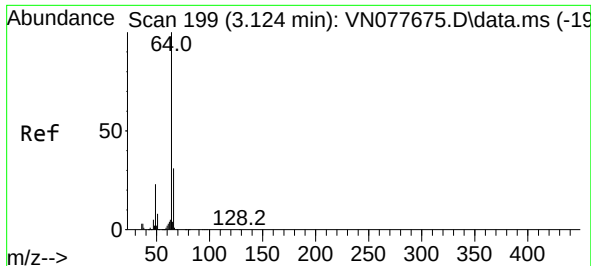
Tgt Ion: 50 Resp: 3506
Ion Ratio Lower Upper
50 100
52 20.2 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.261 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 62 Resp: 1349
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#

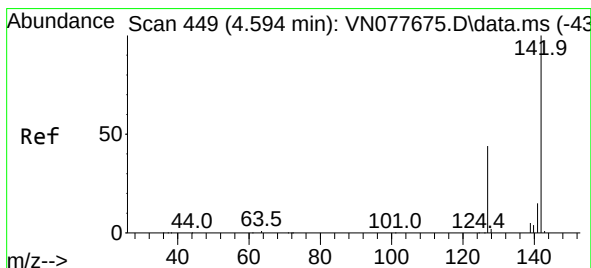
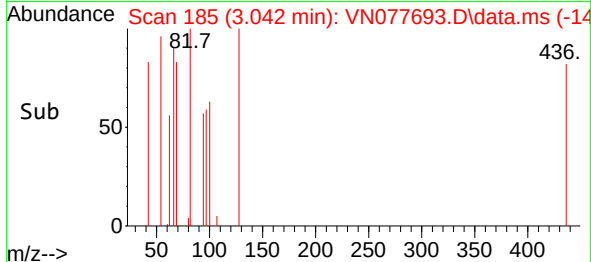
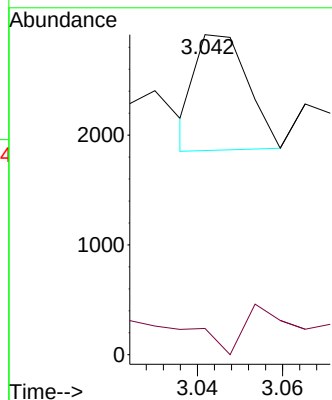
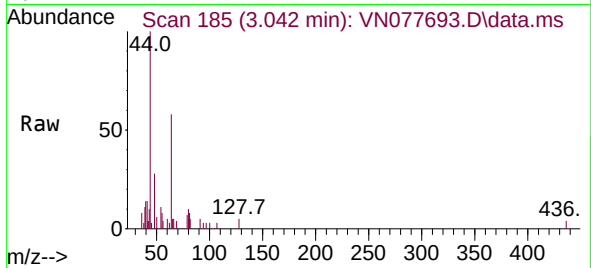




#6
Chloroethane
Concen: 0.241 ug/l
RT: 3.042 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

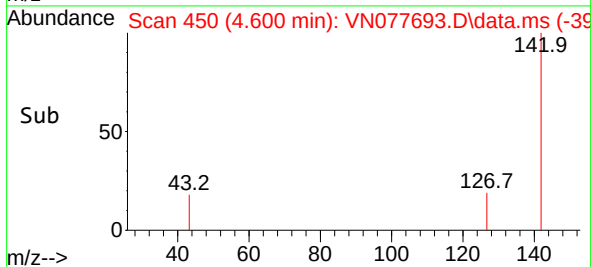
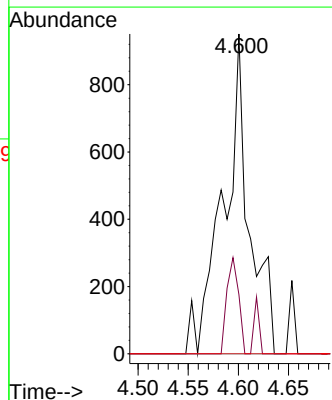
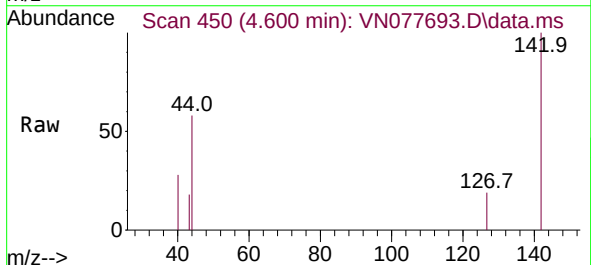
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

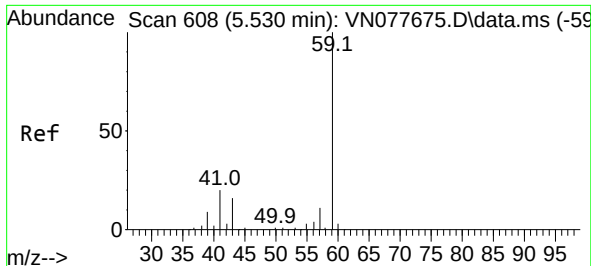
Tgt Ion: 64 Resp: 898
Ion Ratio Lower Upper
64 100
66 0.8 25.4 38.2#



#10
Methyl Iodide
Concen: 0.358 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 142 Resp: 1699
Ion Ratio Lower Upper
142 100
127 18.5 37.6 56.4#
141 0.0 11.4 17.0#

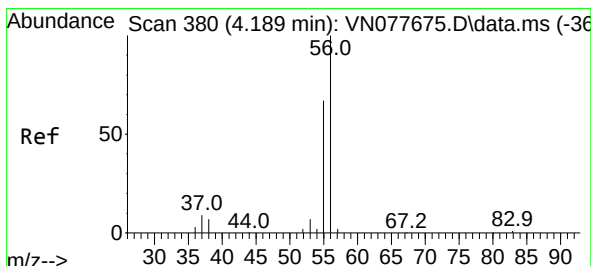
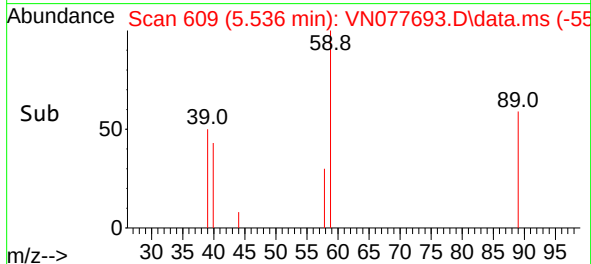
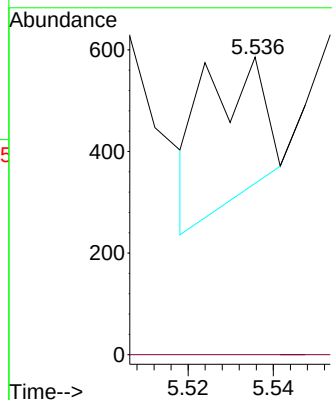
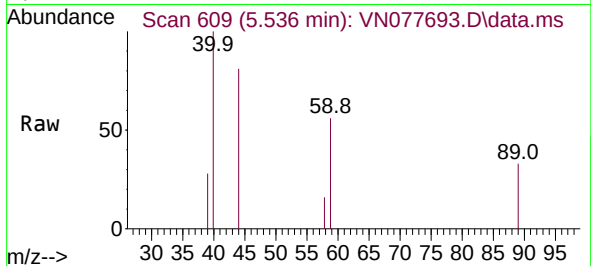




#11
Tert butyl alcohol
Concen: 0.369 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

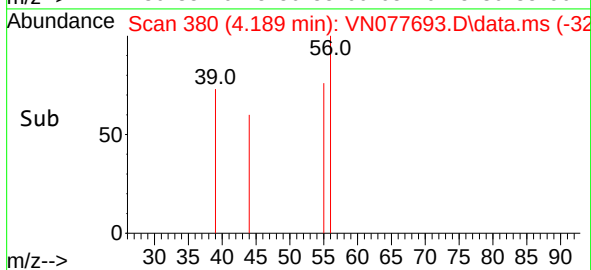
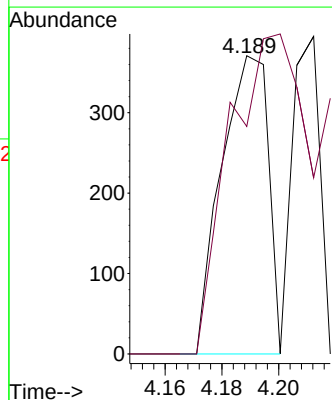
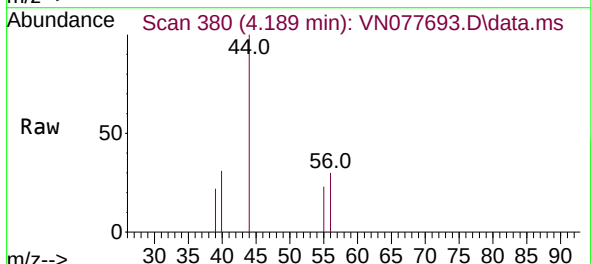
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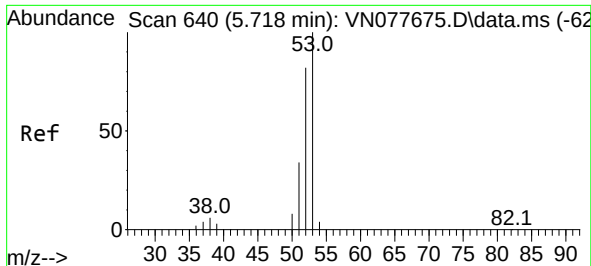
Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.802 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 56 Resp: 424
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

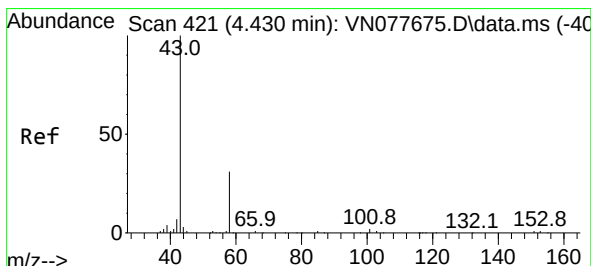
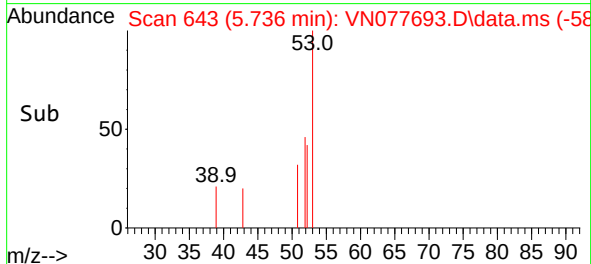
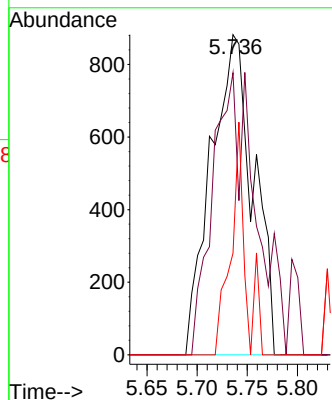
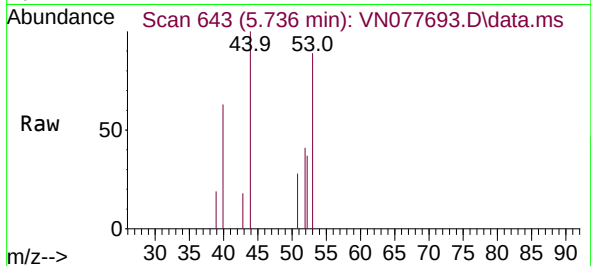




#15
Acrylonitrile
Concen: 1.304 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

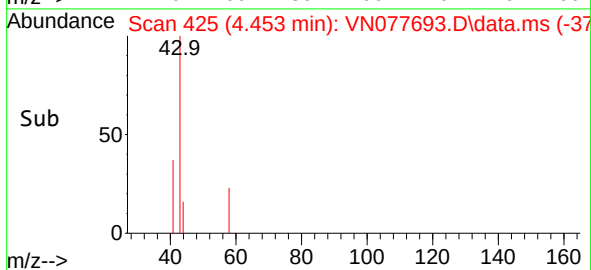
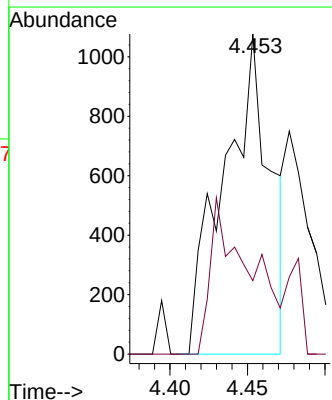
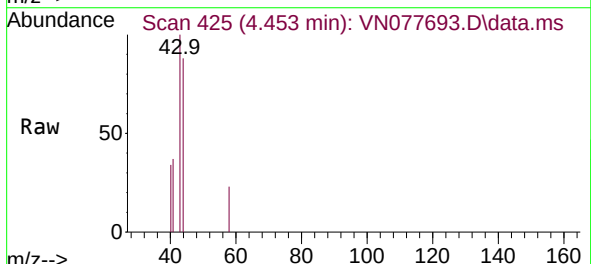
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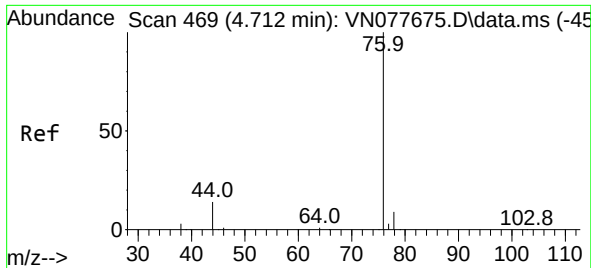
Tgt Ion: 53 Resp: 2589
Ion Ratio Lower Upper
53 100
52 89.2 65.3 97.9
51 20.9 28.9 43.3#



#16
Acetone
Concen: 1.308 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 22.9 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

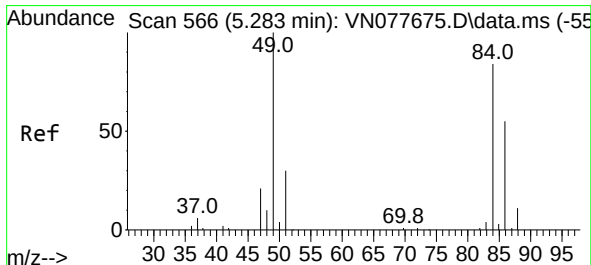
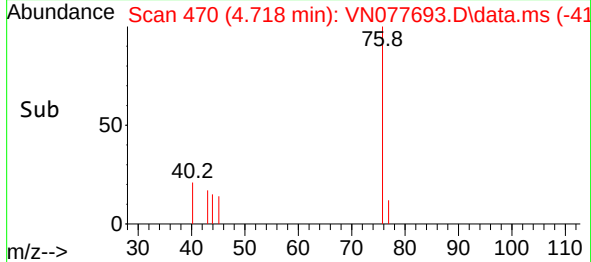
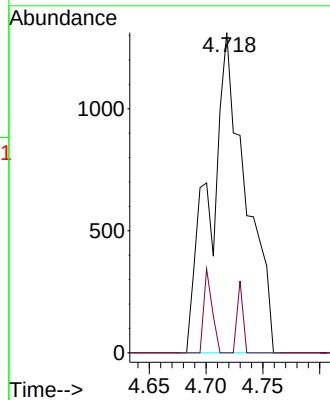
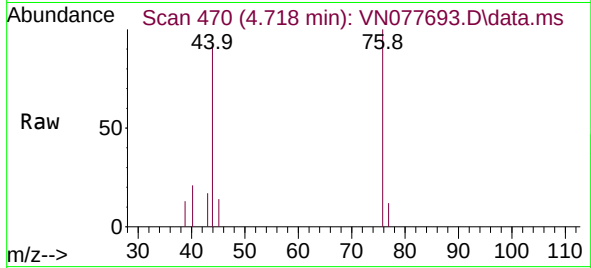
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 2864

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#20

Methylene Chloride

Concen: 0.336 ug/l

RT: 5.295 min Scan# 568

Delta R.T. 0.012 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Tgt Ion: 84 Resp: 1703

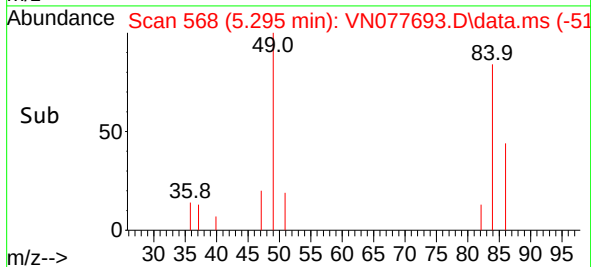
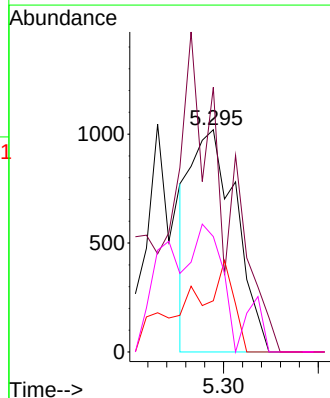
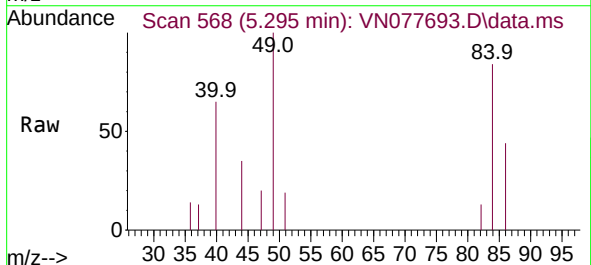
Ion Ratio Lower Upper

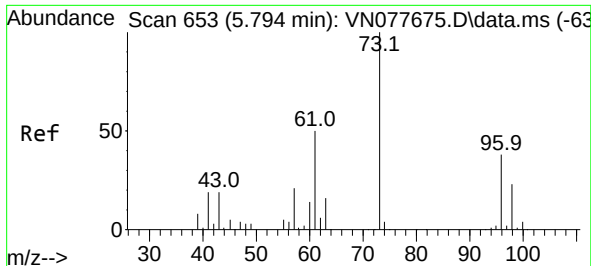
84 100

49 119.1 79.7 119.5

51 23.0 25.2 37.8#

86 52.0 53.3 79.9#

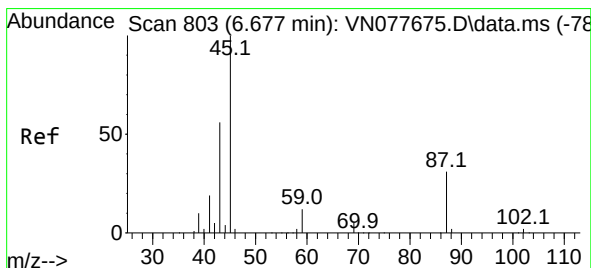
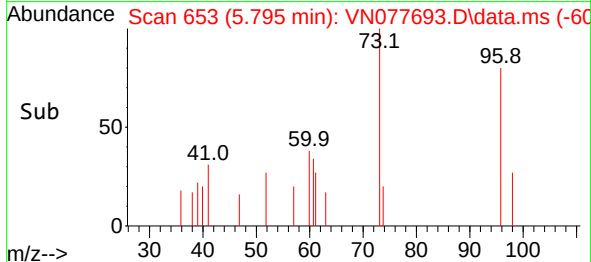
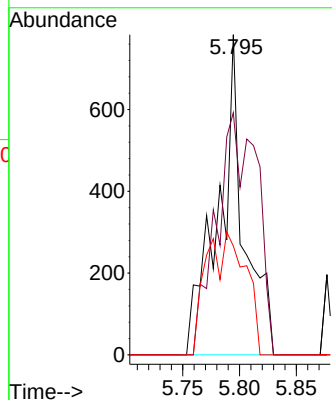
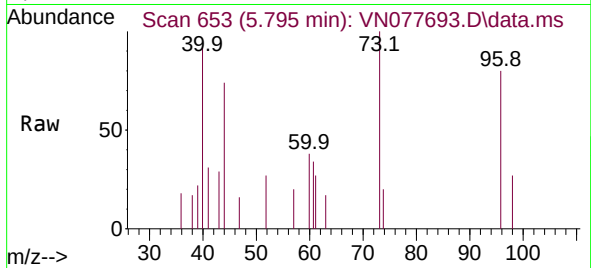




#21
trans-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

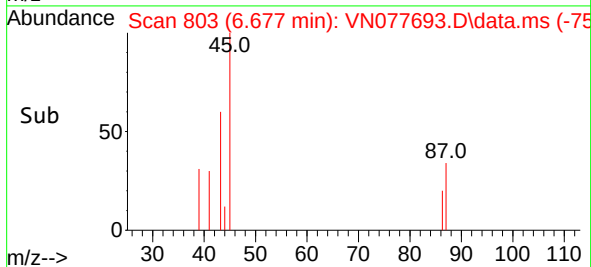
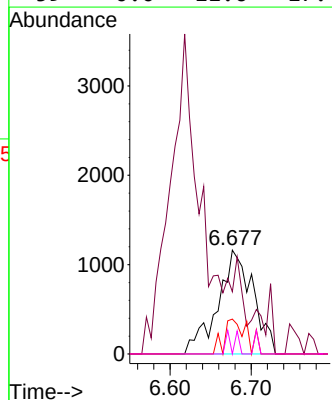
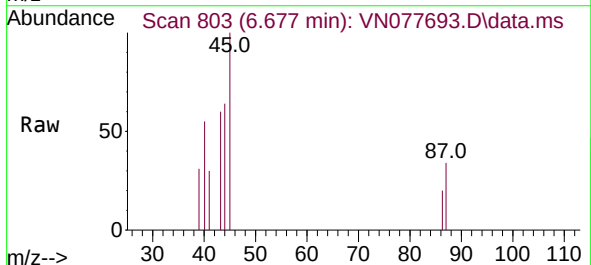
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

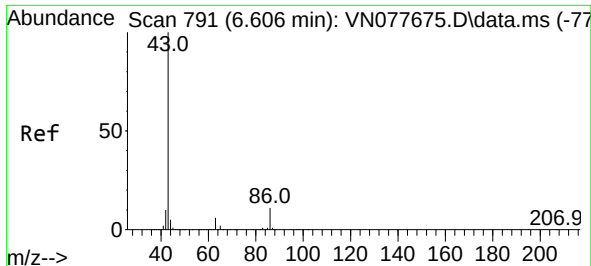
Tgt Ion: 96 Resp: 1230
Ion Ratio Lower Upper
96 100
61 75.6 90.1 135.1#
98 34.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.270 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 45 Resp: 3514
Ion Ratio Lower Upper
45 100
43 60.1 45.5 68.3
87 33.6 31.8 47.8
59 0.0 11.6 17.4#

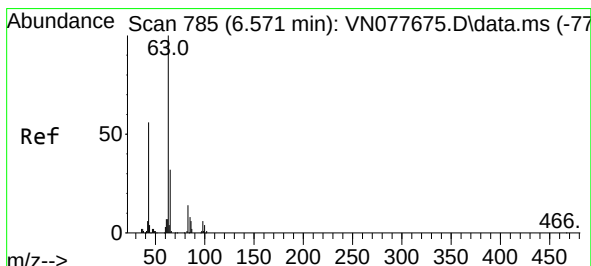
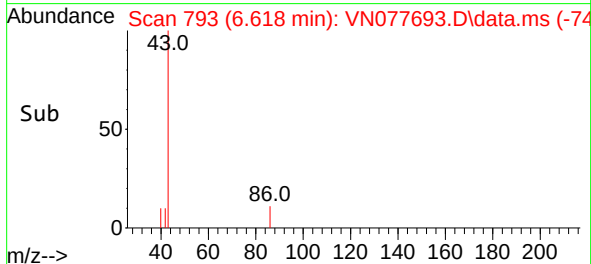
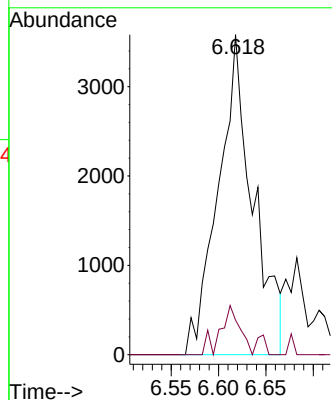
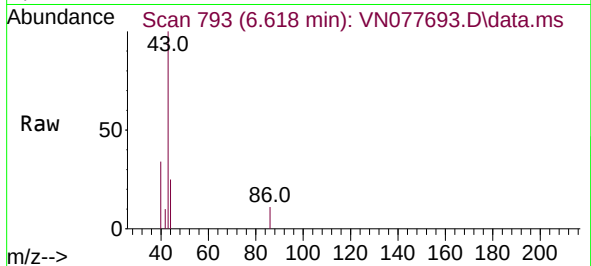




#23
 Vinyl Acetate
 Concen: 1.126 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077693.D
 Acq: 16 May 2023 15:27

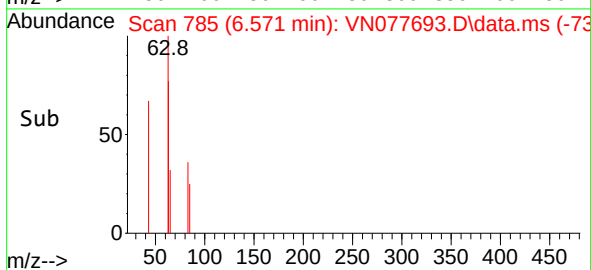
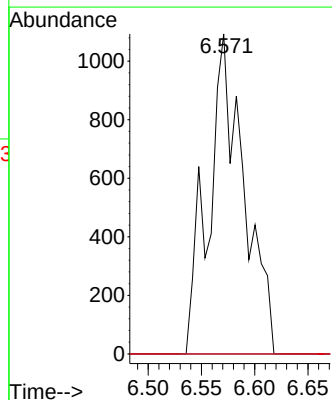
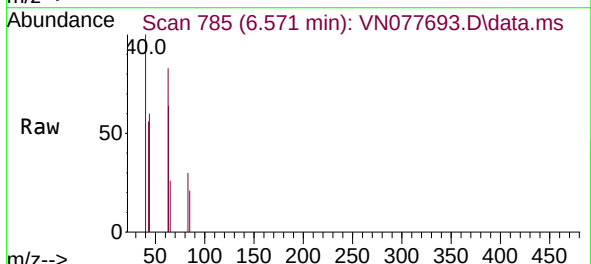
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

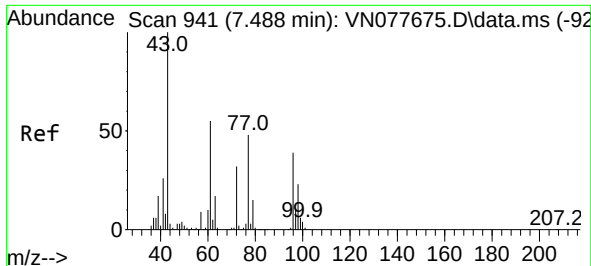
Tgt Ion: 43 Resp: 9093
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.316 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077693.D
 Acq: 16 May 2023 15:27

Tgt Ion: 63 Resp: 2523
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

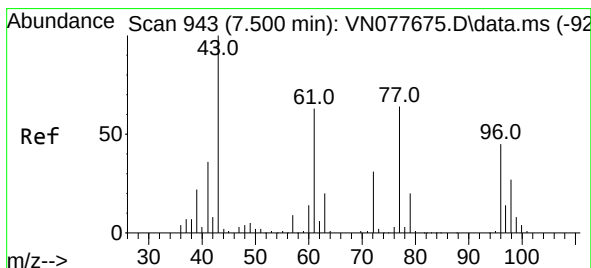
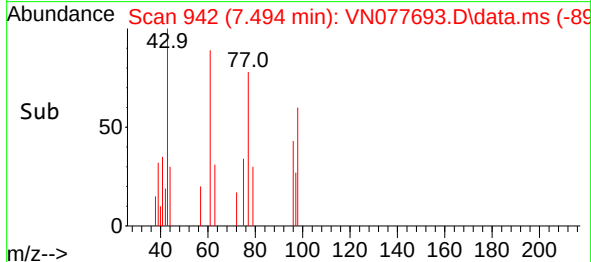
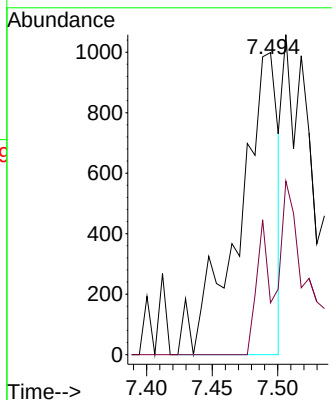
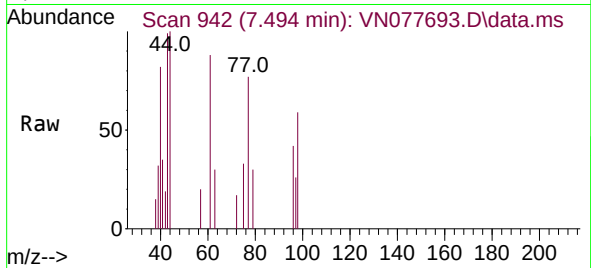




#25
2-Butanone
Concen: 0.783 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

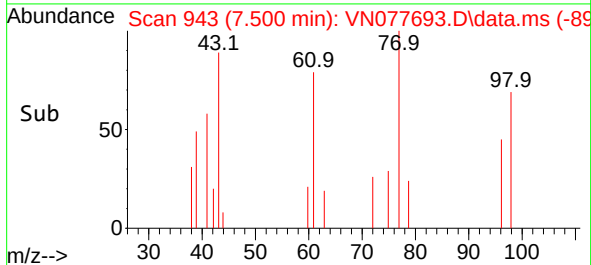
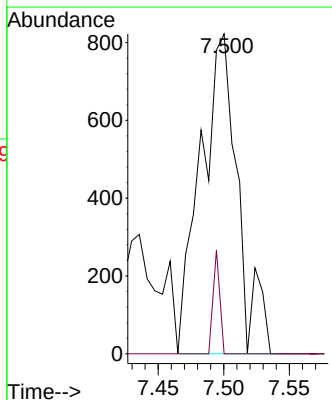
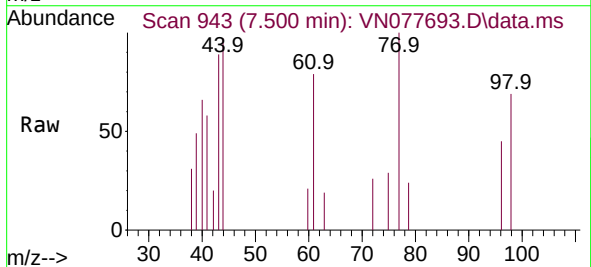
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

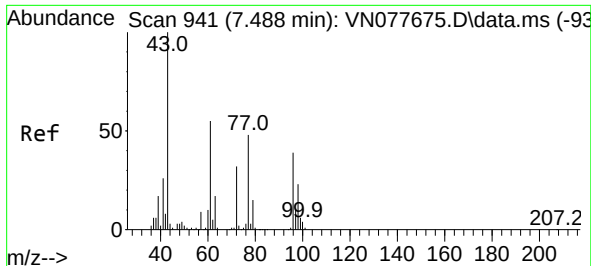
Tgt Ion: 43 Resp: 2075
Ion Ratio Lower Upper
43 100
72 17.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 0.239 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 77 Resp: 1622
Ion Ratio Lower Upper
77 100
97 5.8 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 0.245 ug/l

RT: 7.506 min Scan# 941

Delta R.T. 0.018 min

Lab File: VN077693.D

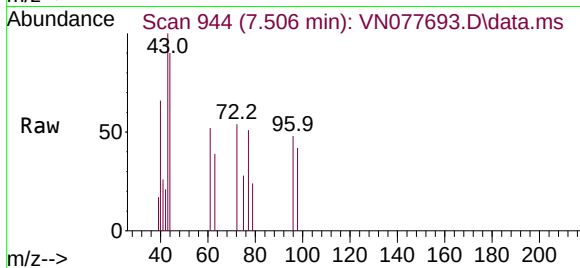
Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



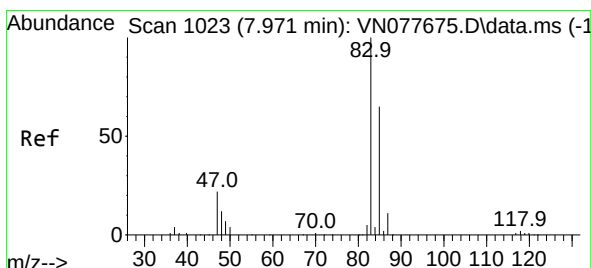
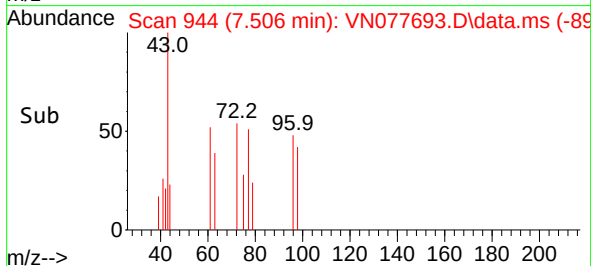
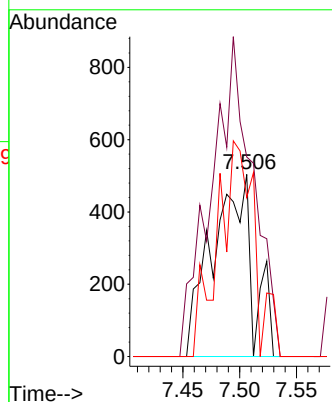
Tgt Ion: 96 Resp: 1249

Ion Ratio Lower Upper

96 100

61 180.0 0.0 255.2

98 108.1 0.0 128.8



#30

Chloroform

Concen: 0.326 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077693.D

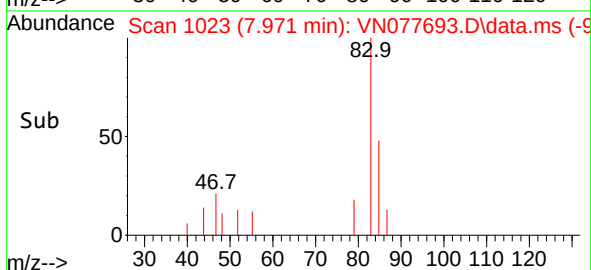
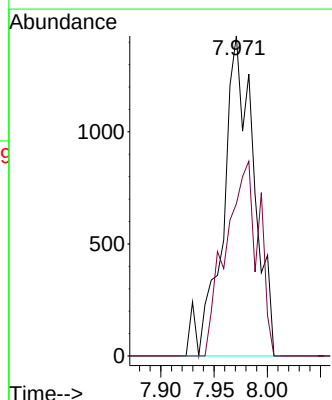
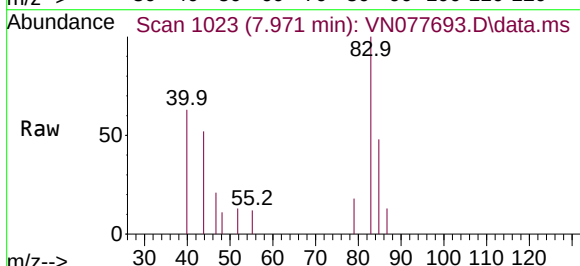
Acq: 16 May 2023 15:27

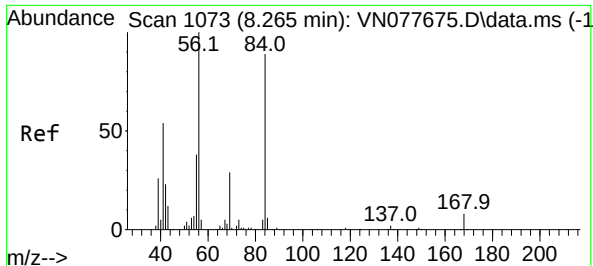
Tgt Ion: 83 Resp: 2866

Ion Ratio Lower Upper

83 100

85 47.5 55.4 83.0#

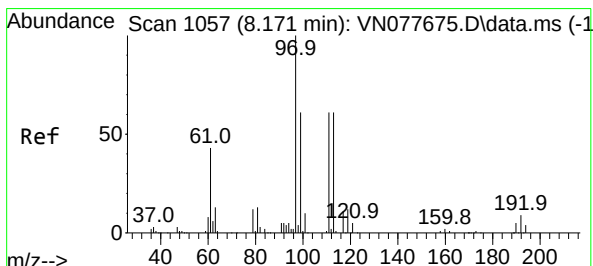
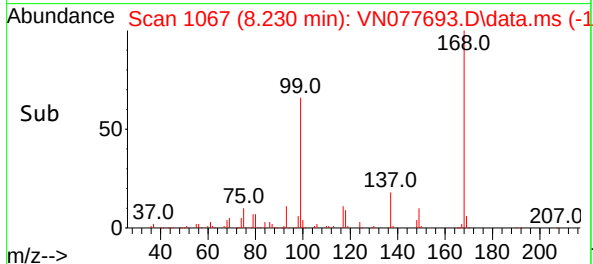
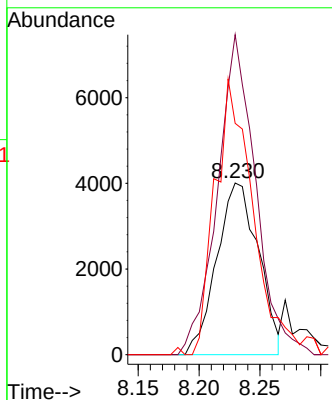
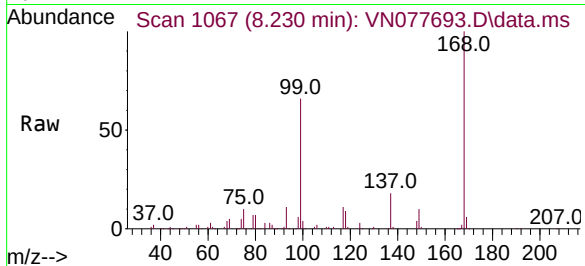




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

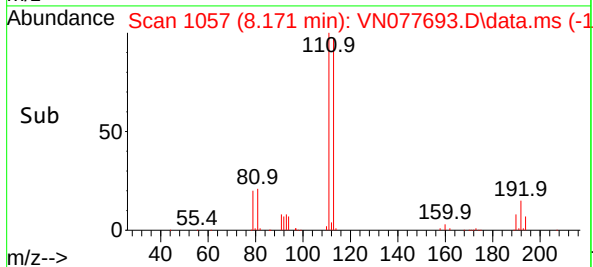
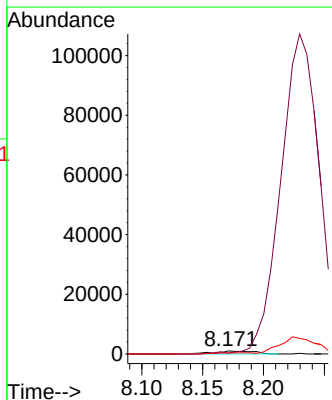
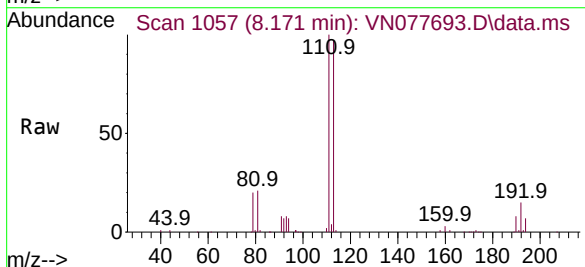
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

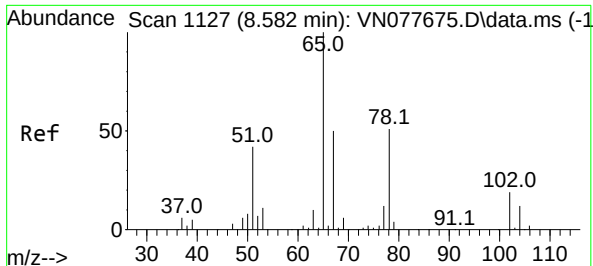
Tgt Ion: 56 Resp: 9537
Ion Ratio Lower Upper
56 100
69 186.3 26.8 40.2#
84 130.5 81.8 122.6#



#32
1,1,1-Trichloroethane
Concen: 0.284 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 97 Resp: 2124
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 53.044 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

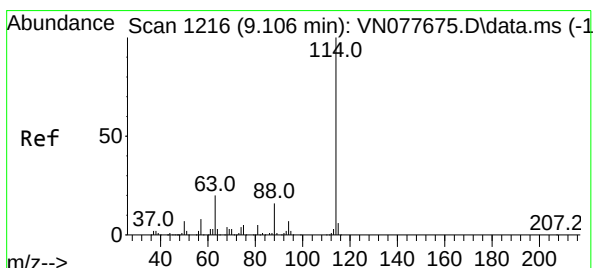
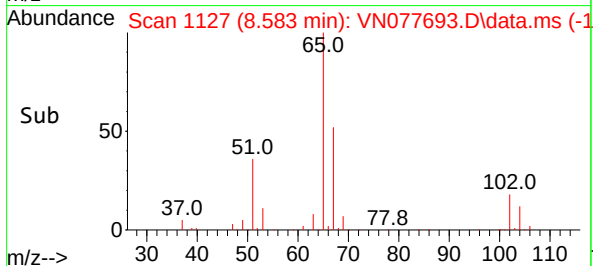
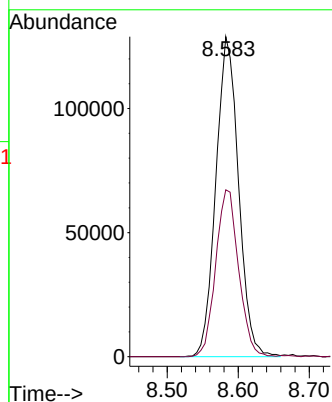
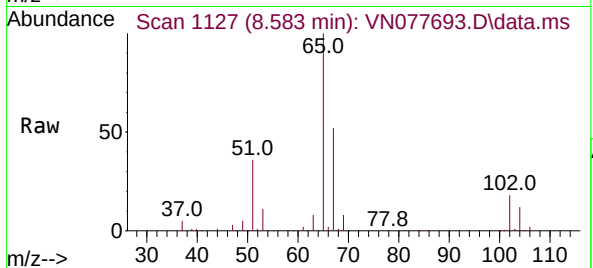
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 285666

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

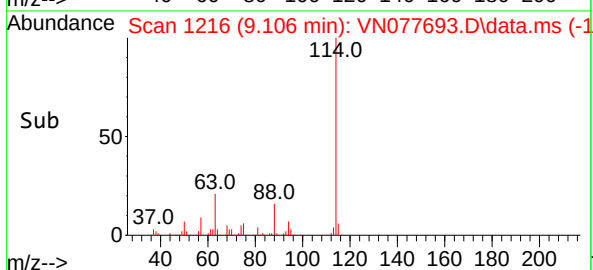
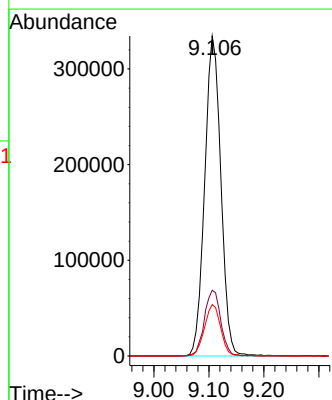
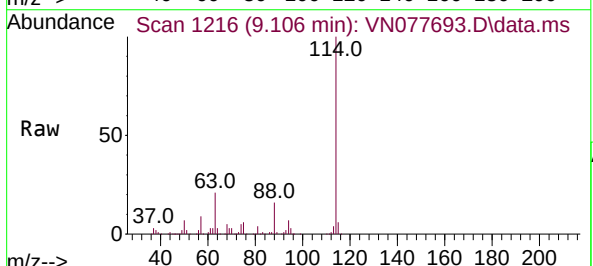
Tgt Ion: 114 Resp: 683389

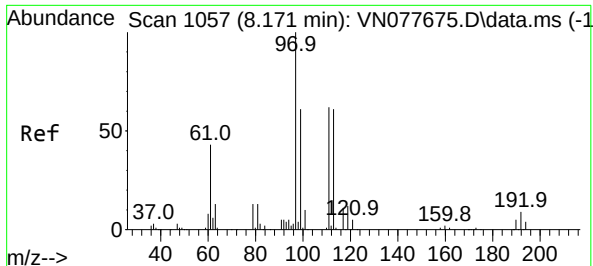
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.943 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

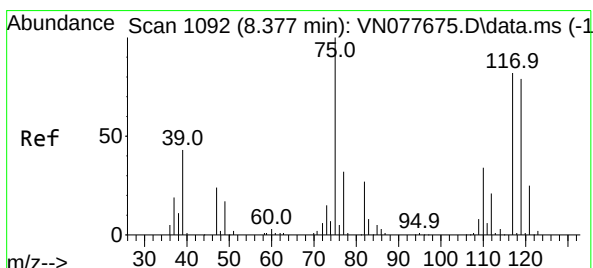
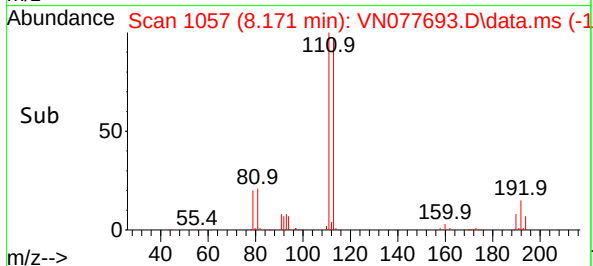
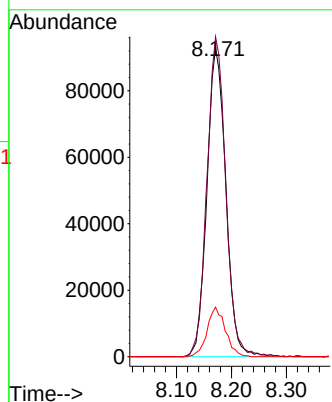
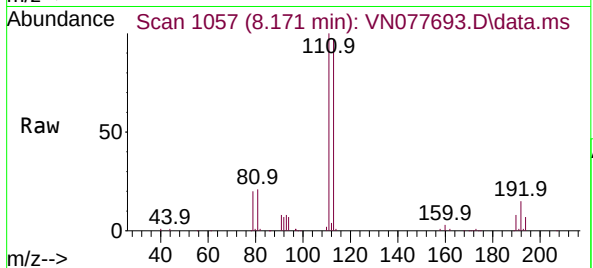
Tgt Ion:113 Resp: 222560

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 15.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 0.342 ug/l

RT: 8.388 min Scan# 1094

Delta R.T. 0.011 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

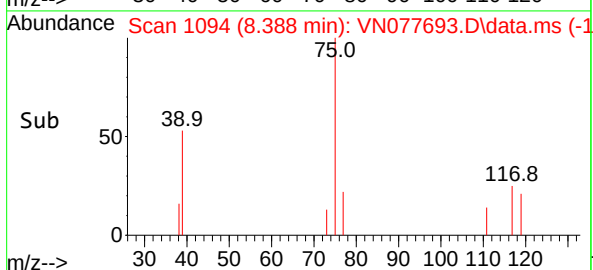
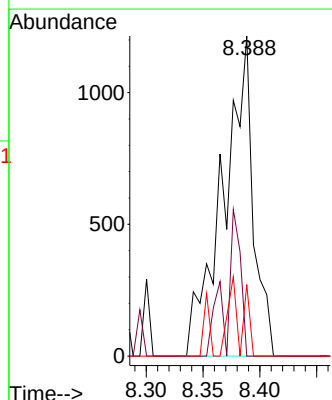
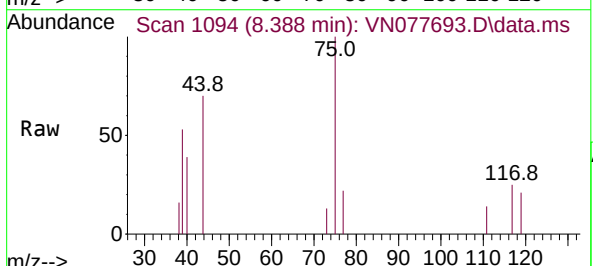
Tgt Ion: 75 Resp: 2229

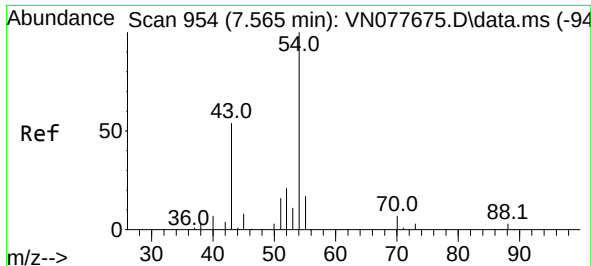
Ion Ratio Lower Upper

75 100

110 22.5 19.1 57.3

77 11.4 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.242 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

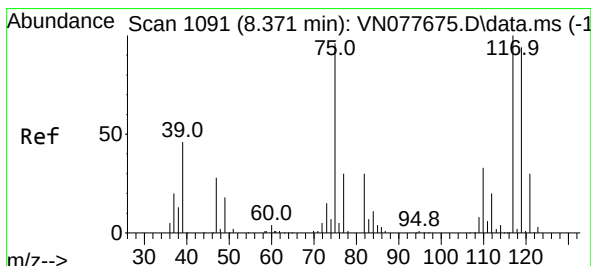
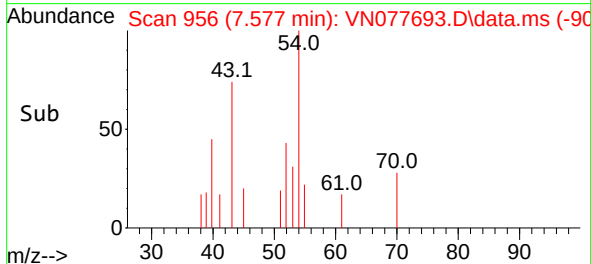
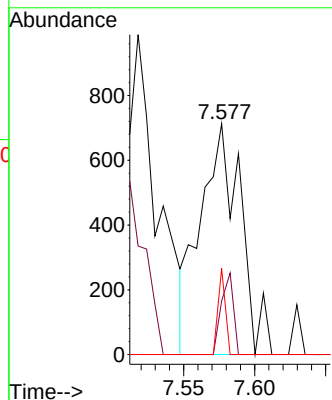
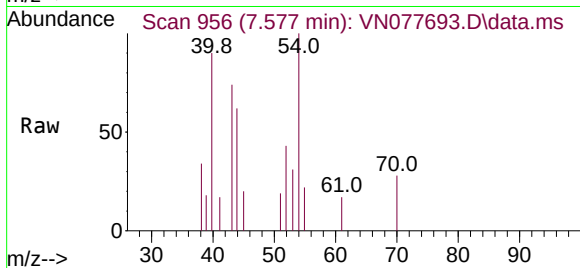
Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43	Resp:	1406
Ion Ratio	Lower	Upper
43	100	
61	10.5	13.2
70	6.7	11.3



#38

Carbon Tetrachloride

Concen: 0.216 ug/l

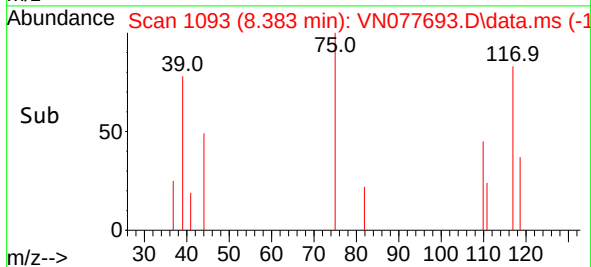
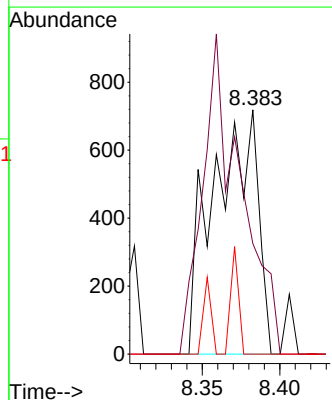
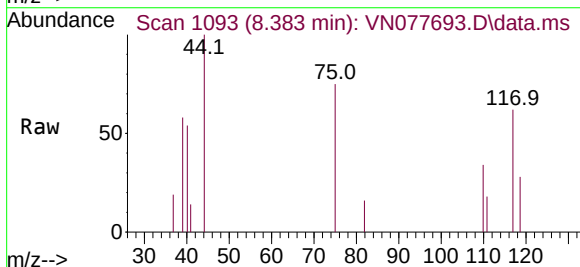
RT: 8.383 min Scan# 1093

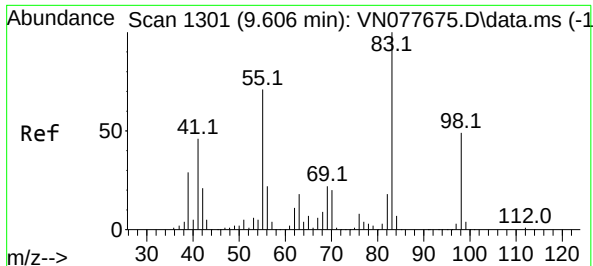
Delta R.T. 0.012 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Tgt Ion: 117	Resp:	1424
Ion Ratio	Lower	Upper
117	100	
119	45.2	77.3
121	0.0	23.3





#39

Methylcyclohexane

Concen: 0.259 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

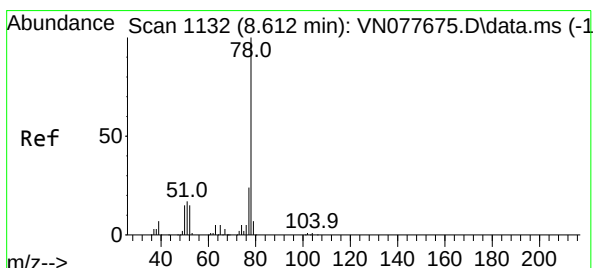
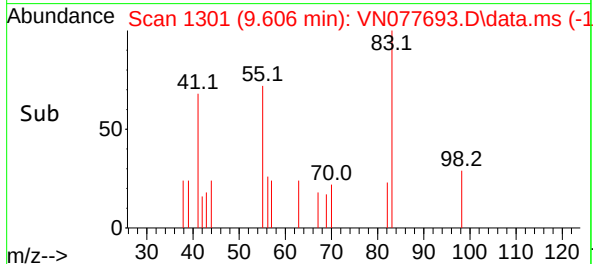
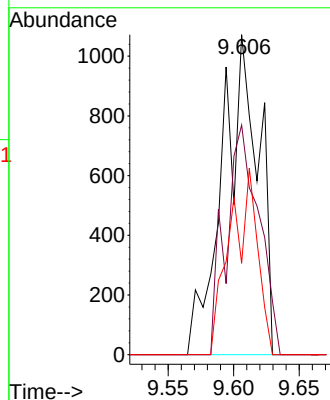
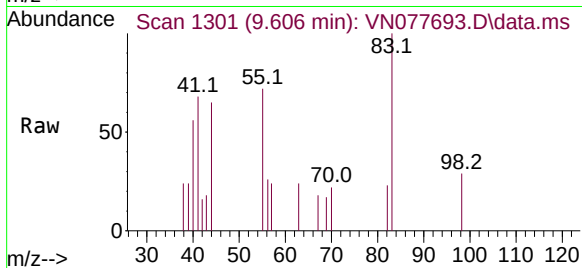
Tgt Ion: 83 Resp: 2065

Ion Ratio Lower Upper

83 100

55 71.7 49.1 73.7

98 28.5 40.6 61.0#



#40

Benzene

Concen: 0.254 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077693.D

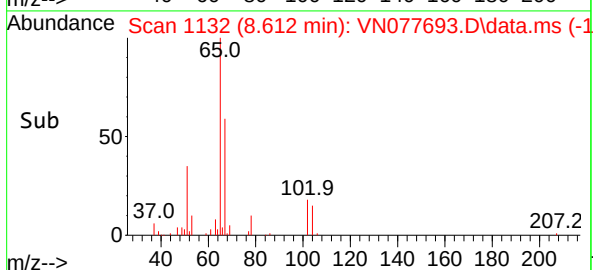
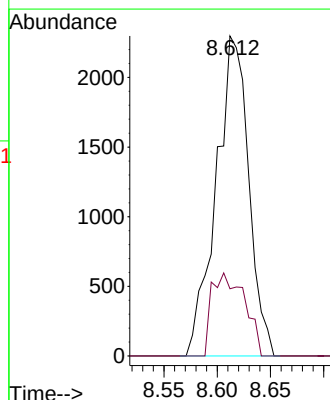
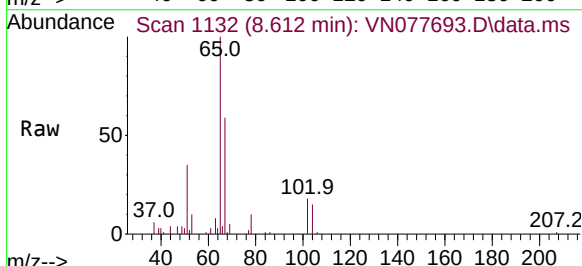
Acq: 16 May 2023 15:27

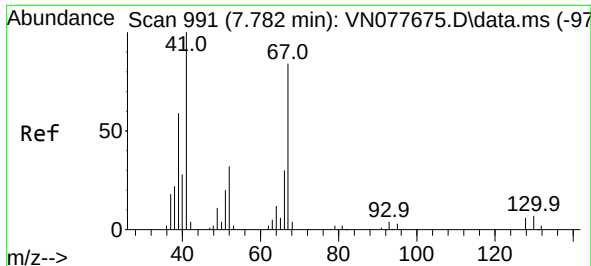
Tgt Ion: 78 Resp: 4891

Ion Ratio Lower Upper

78 100

77 21.0 19.0 28.6

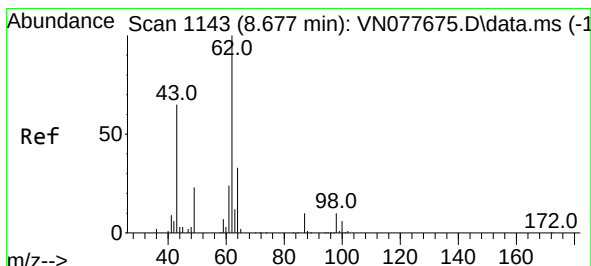
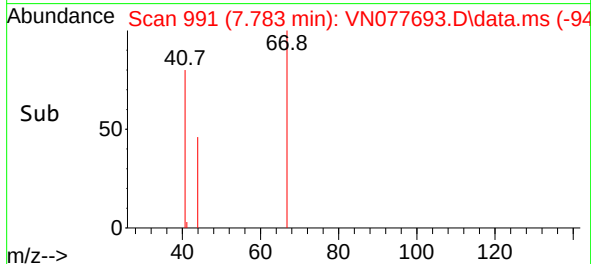
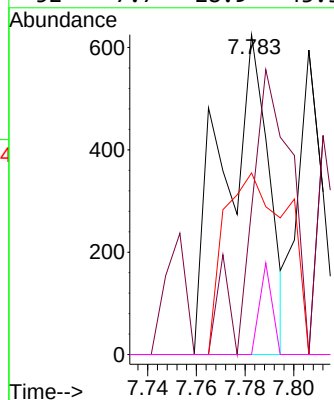
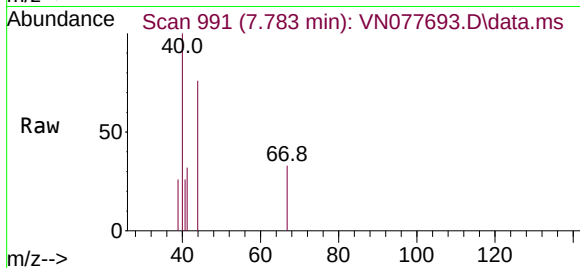




#41
Methacrylonitrile
Concen: 0.265 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

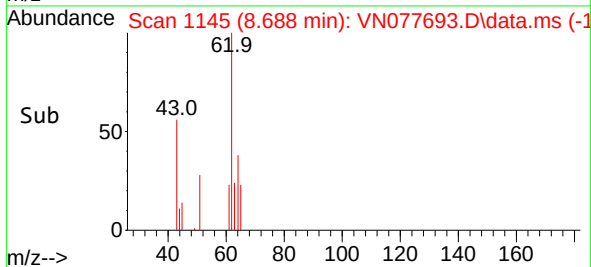
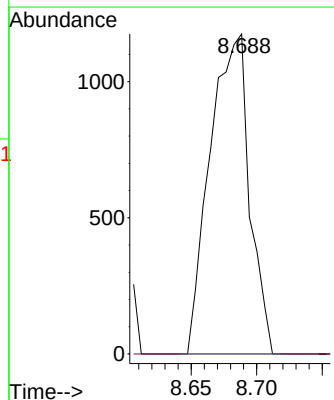
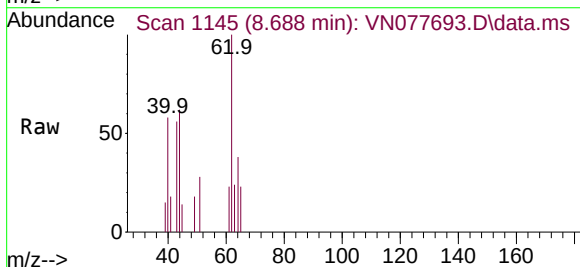
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

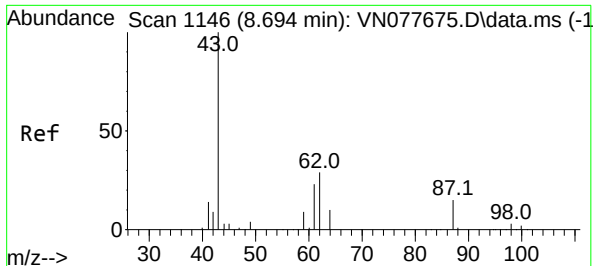
Tgt Ion: 41 Resp: 821
Ion Ratio Lower Upper
41 100
39 79.5 42.6 64.0#
67 77.8 77.5 116.3
52 7.7 28.9 43.3#



#42
1,2-Dichloroethane
Concen: 0.351 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 62 Resp: 2454
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

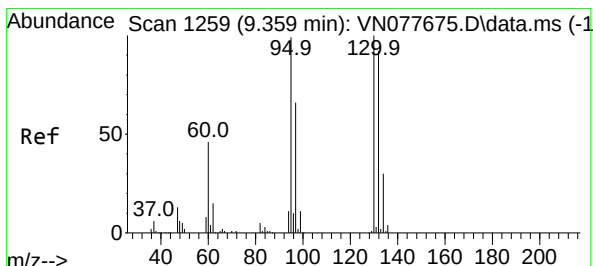
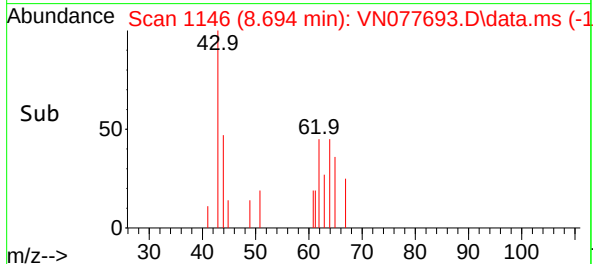
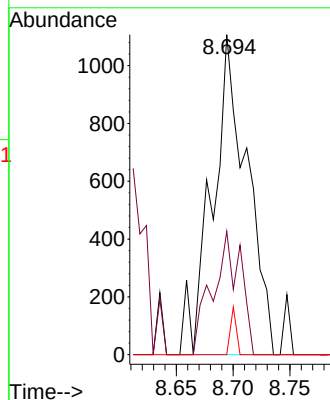
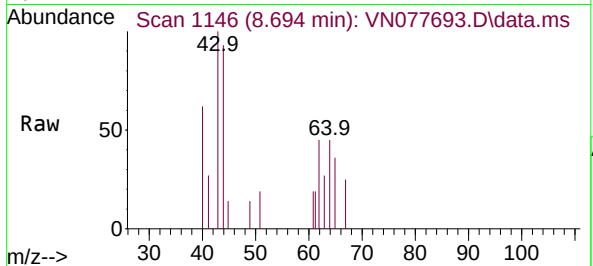




#43
Isopropyl Acetate
Concen: 0.249 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

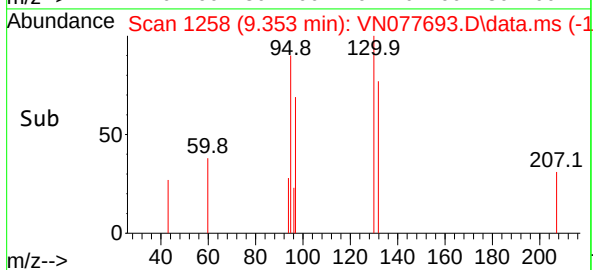
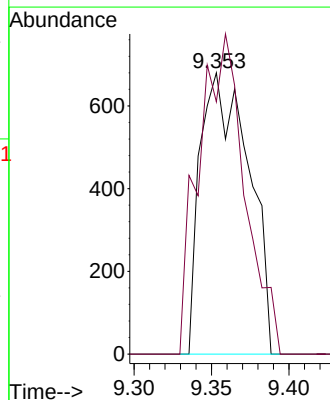
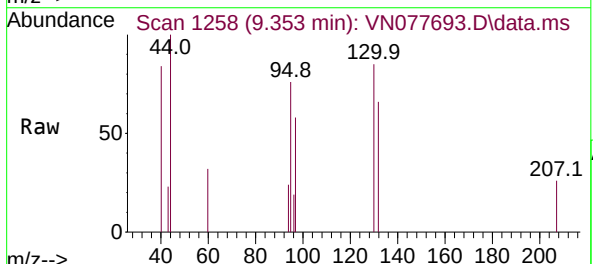
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

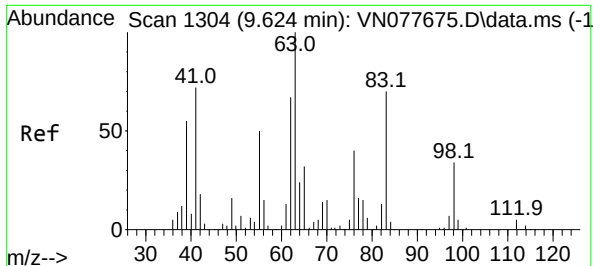
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 2.5 14.6 21.8#



#44
Trichloroethene
Concen: 0.304 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:130 Resp: 1479
Ion Ratio Lower Upper
130 100
95 89.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.229 ug/l

RT: 9.630 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

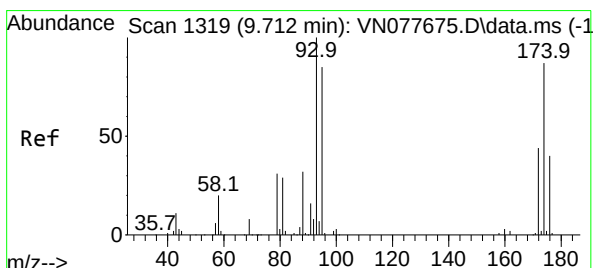
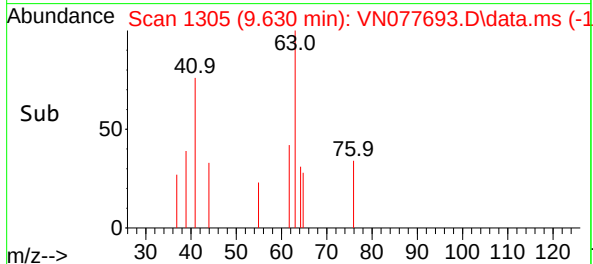
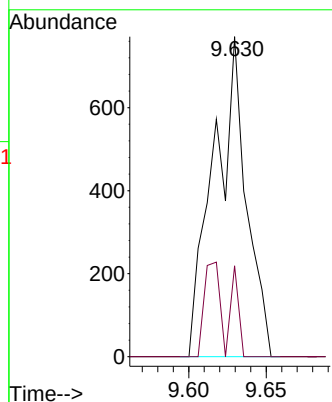
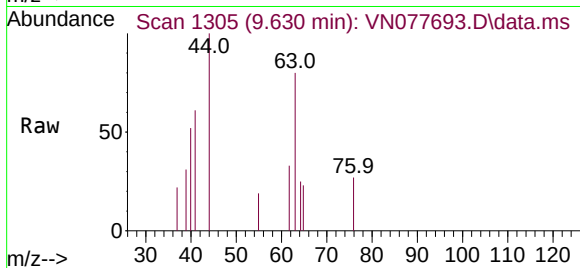
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 1122

Ion Ratio Lower Upper

63 100

65 28.4 23.9 35.9



#46

Dibromomethane

Concen: 0.220 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

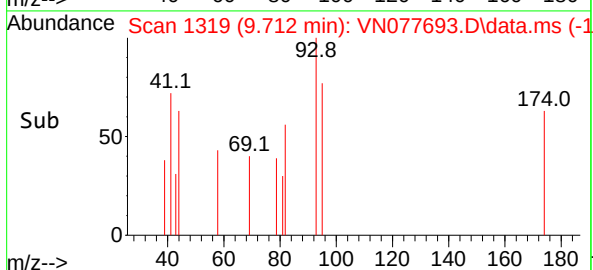
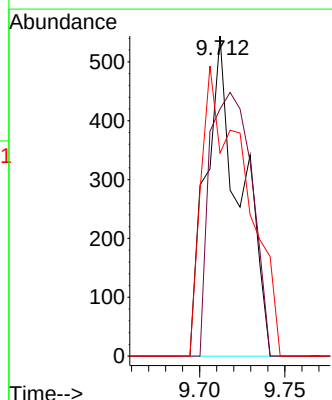
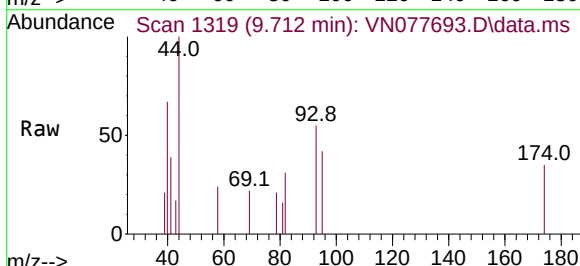
Tgt Ion: 93 Resp: 771

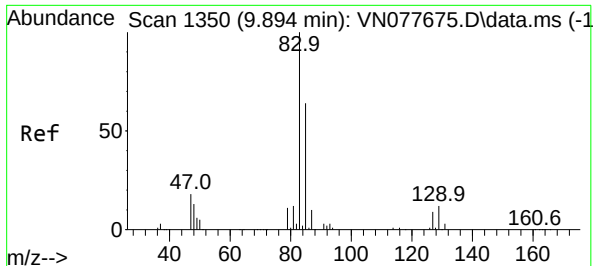
Ion Ratio Lower Upper

93 100

95 99.6 63.8 95.8#

174 113.9 65.6 98.4#

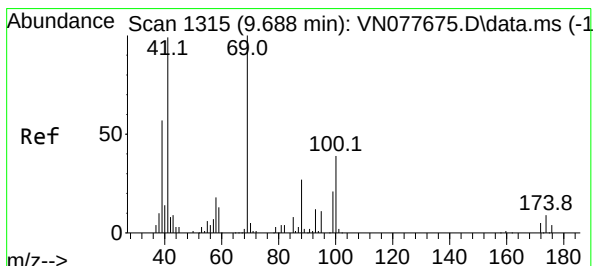
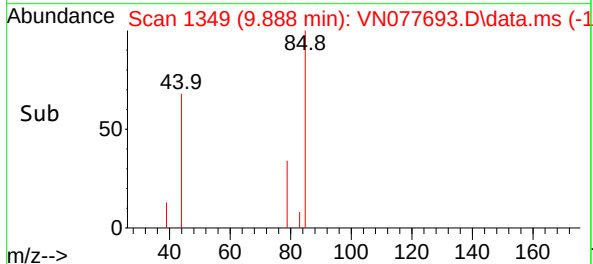
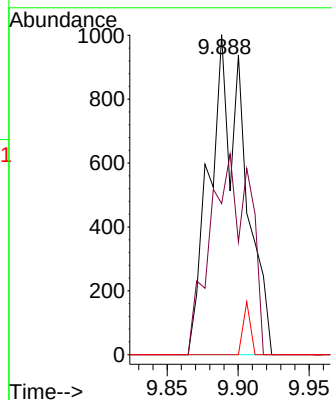
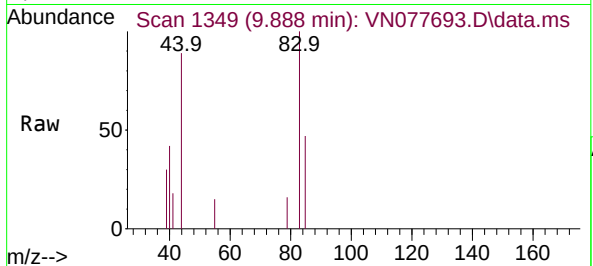




#47
Bromodichloromethane
Concen: 0.252 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

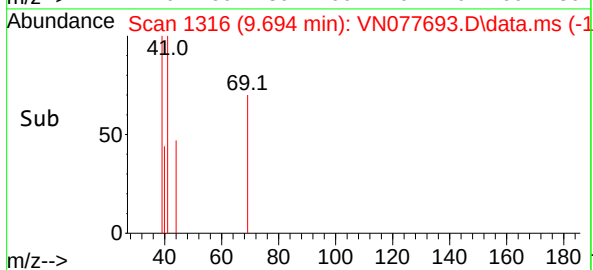
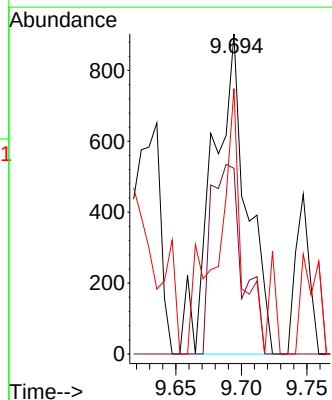
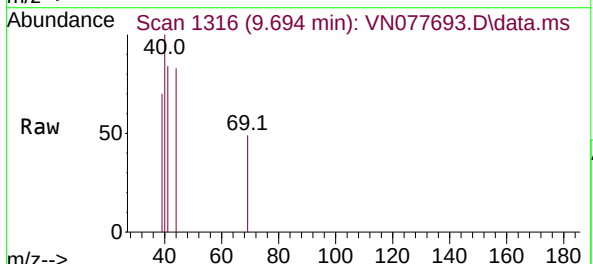
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

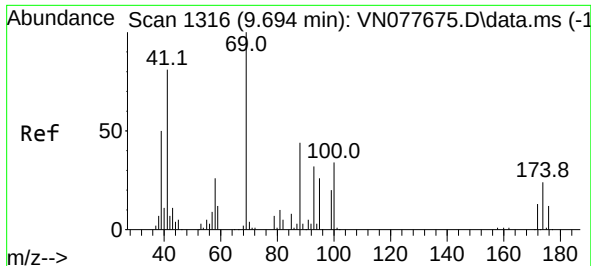
Tgt Ion: 83 Resp: 1695
Ion Ratio Lower Upper
83 100
85 47.2 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.363 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 41 Resp: 1633
Ion Ratio Lower Upper
41 100
69 55.8 90.4 135.6#
39 59.6 54.6 81.8

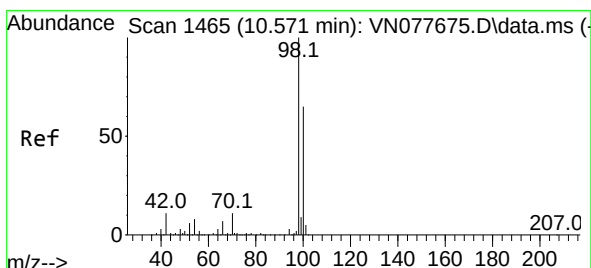
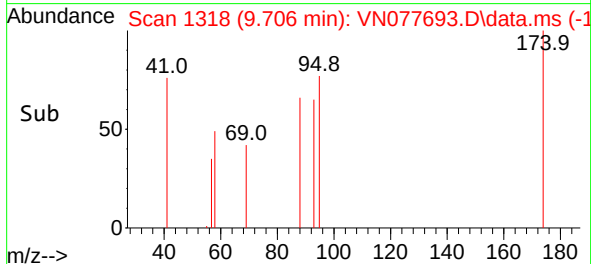
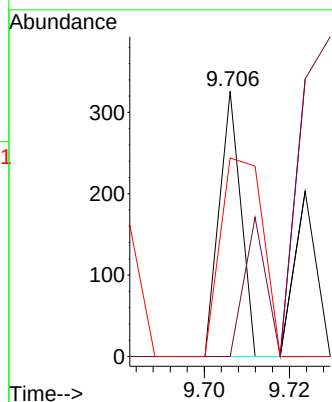
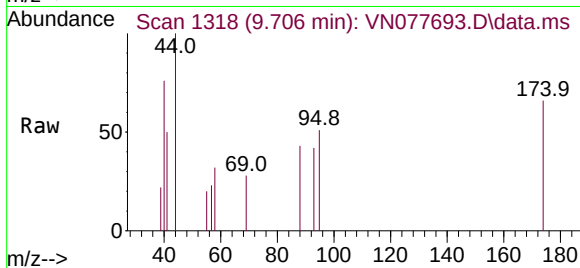




#49
1,4-Dioxane
Concen: 1.353 ug/l
RT: 9.706 min Scan# 111
Delta R.T. 0.012 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

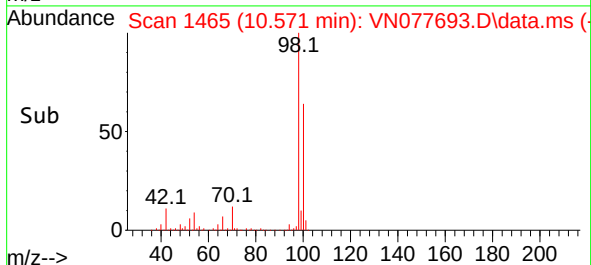
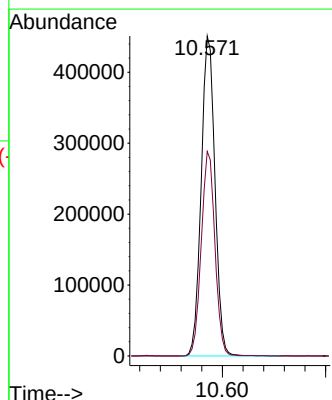
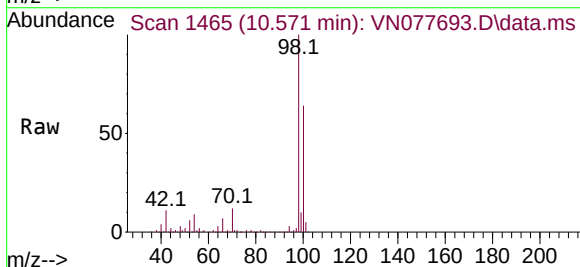
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

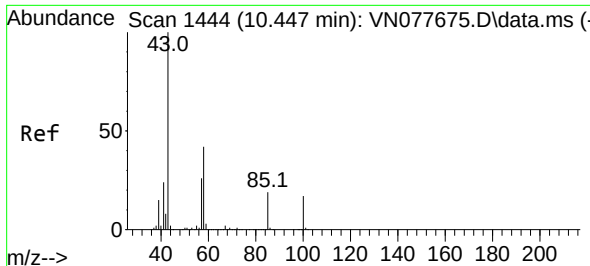
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 147.0 47.0 70.4#



#50
Toluene-d8
Concen: 48.608 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 98 Resp: 833749
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.190 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

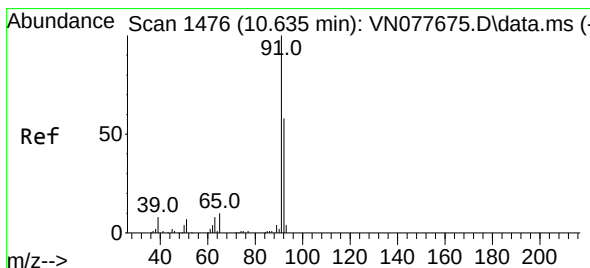
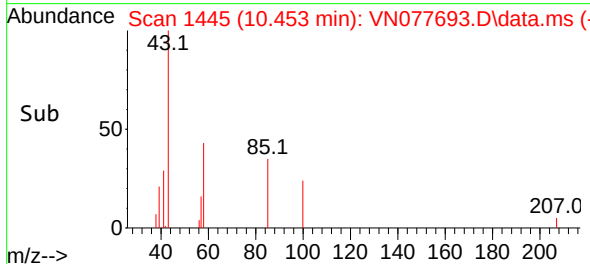
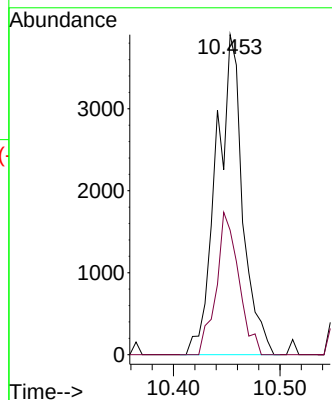
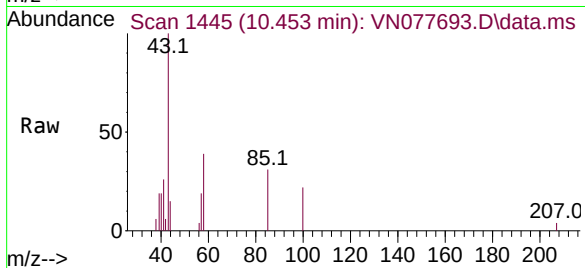
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 6713

Ion Ratio Lower Upper

43 100

58 37.7 36.6 54.8



#52

Toluene

Concen: 0.281 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.005 min

Lab File: VN077693.D

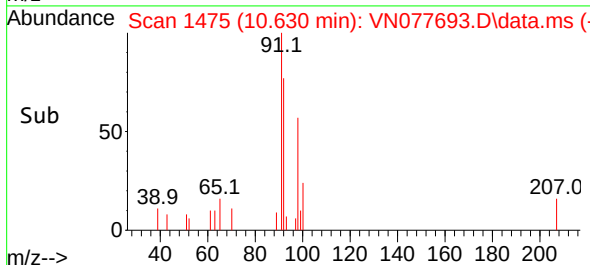
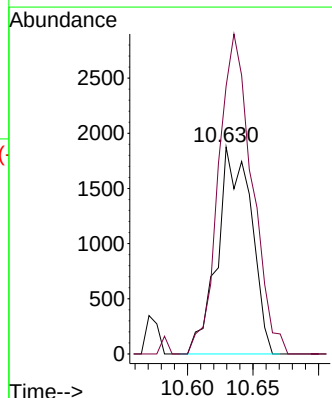
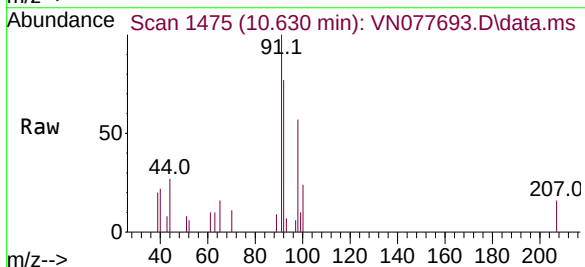
Acq: 16 May 2023 15:27

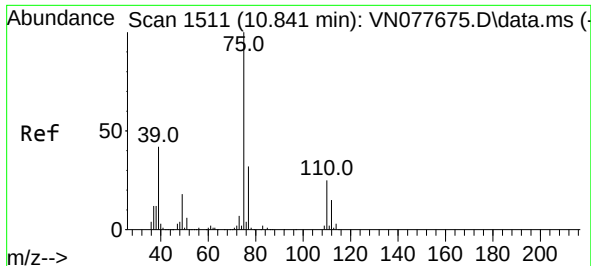
Tgt Ion: 92 Resp: 3370

Ion Ratio Lower Upper

92 100

91 153.3 137.4 206.0

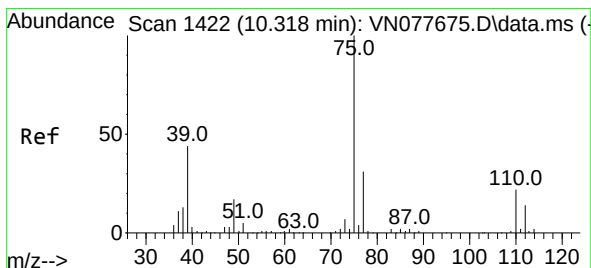
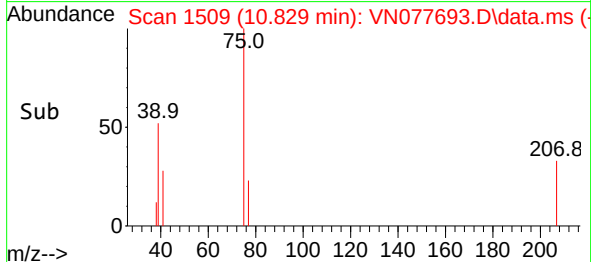
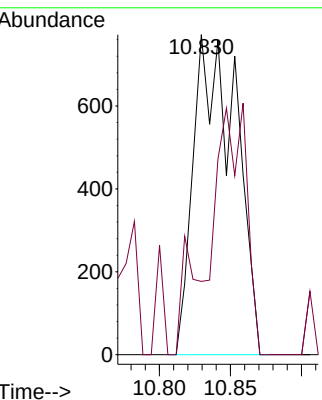
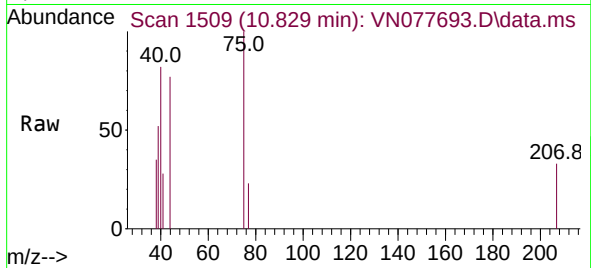




#53
t-1,3-Dichloropropene
Concen: 0.225 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.011 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

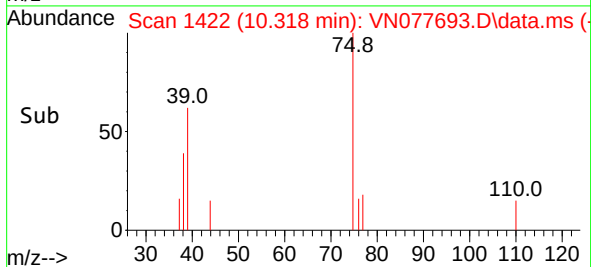
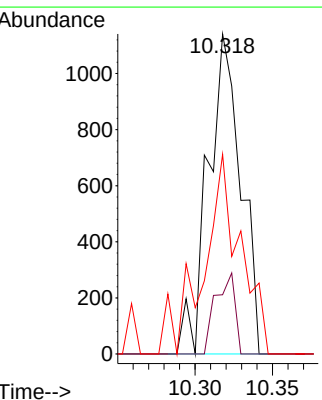
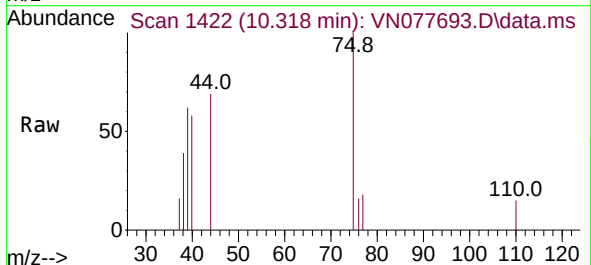
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

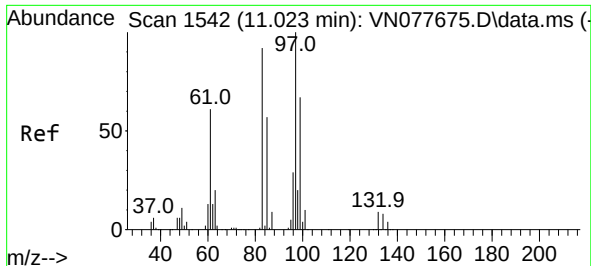
Tgt Ion: 75 Resp: 1598
Ion Ratio Lower Upper
75 100
77 22.9 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.214 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

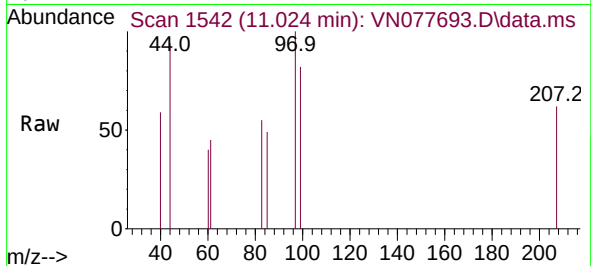
Tgt Ion: 75 Resp: 1676
Ion Ratio Lower Upper
75 100
77 18.5 26.1 39.1#
39 62.4 31.6 47.4#



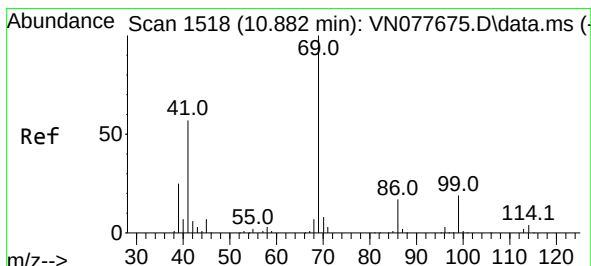
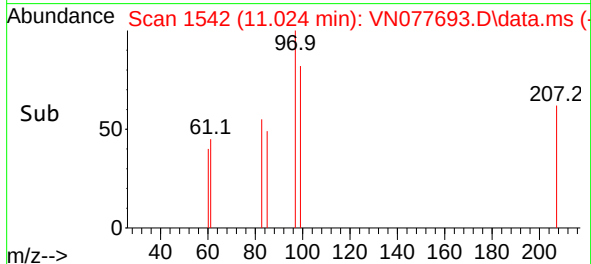
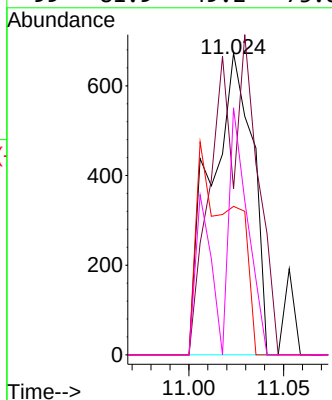


#55
1,1,2-Trichloroethane
Concen: 0.217 ug/l
RT: 11.024 min Scan# 11034
Delta R.T. 0.001 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

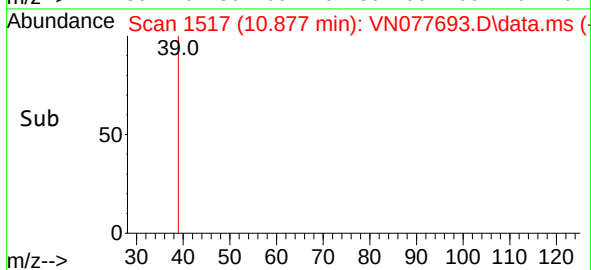
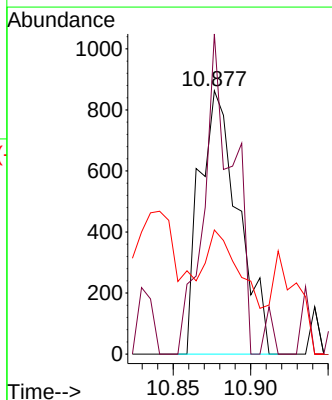
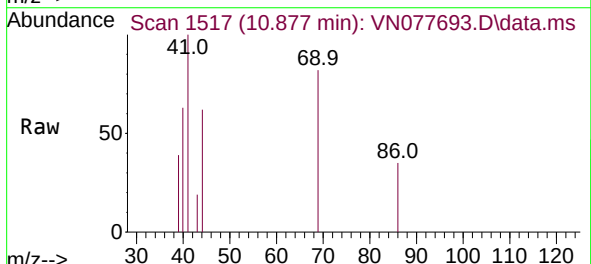


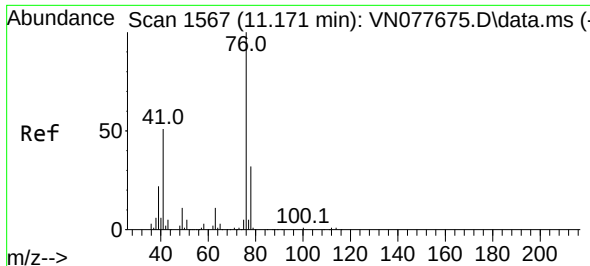
Tgt Ion:	97	Resp:	1034
Ion	Ratio	Lower	Upper
97	100		
83	55.0	65.1	97.7#
85	49.2	43.4	65.2
99	81.9	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.208 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:	69	Resp:	1494
Ion	Ratio	Lower	Upper
69	100		
41	92.8	39.6	59.4#
39	47.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 0.260 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

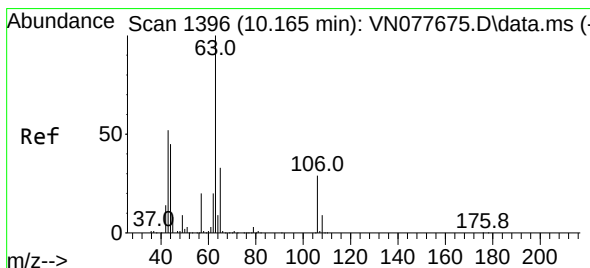
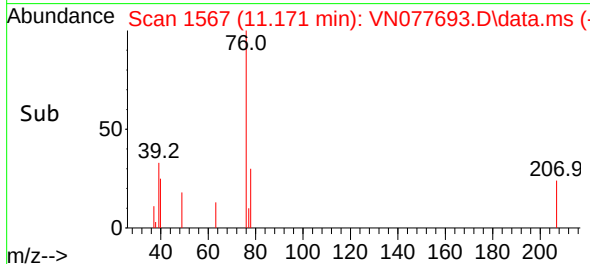
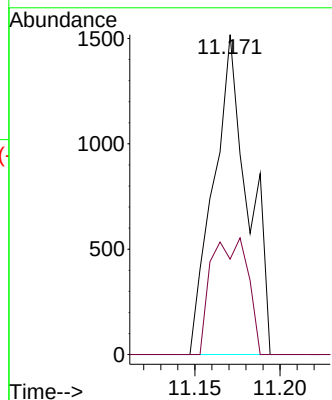
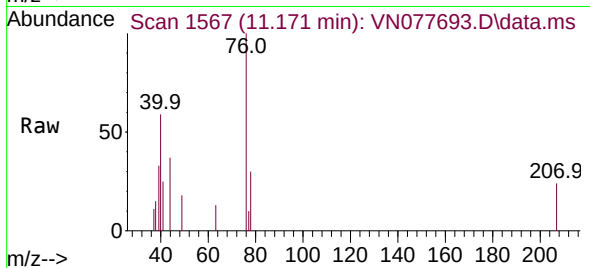
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 2122

Ion Ratio Lower Upper

76 100

78 38.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.102 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN077693.D

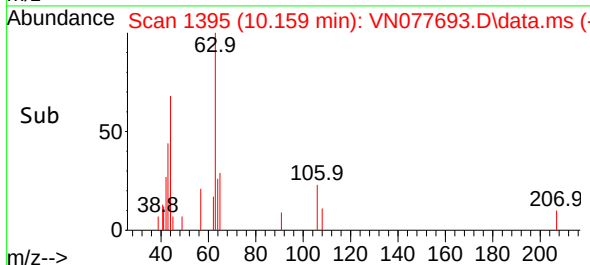
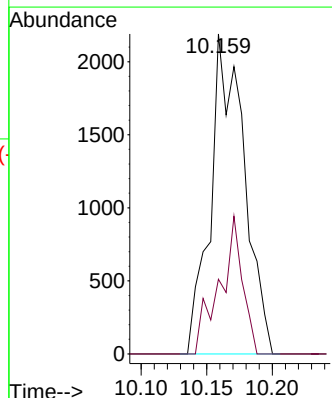
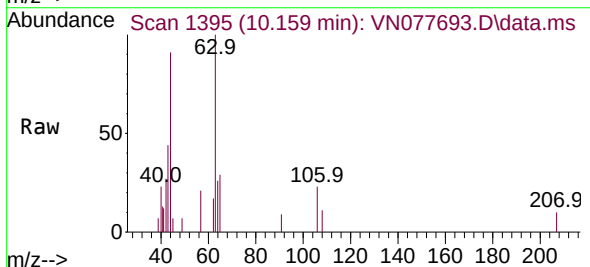
Acq: 16 May 2023 15:27

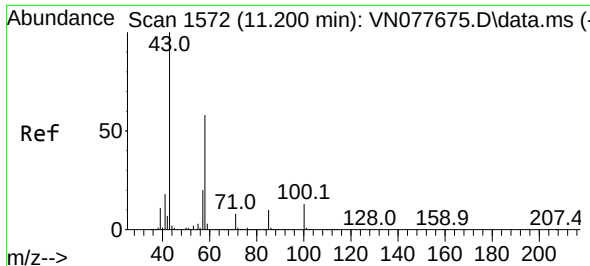
Tgt Ion: 63 Resp: 3897

Ion Ratio Lower Upper

63 100

106 29.5 26.2 39.4

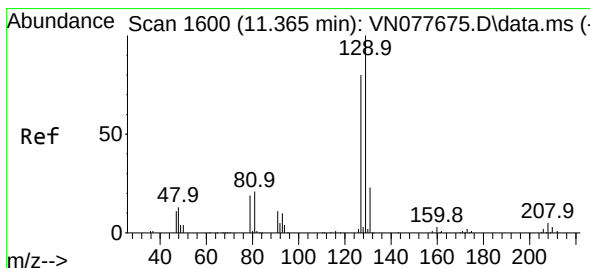
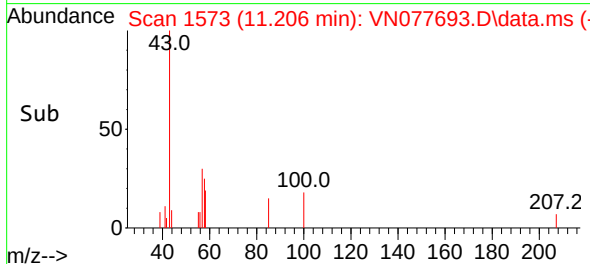
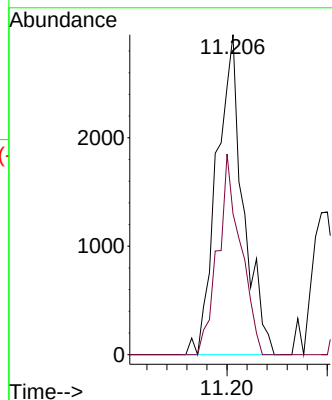
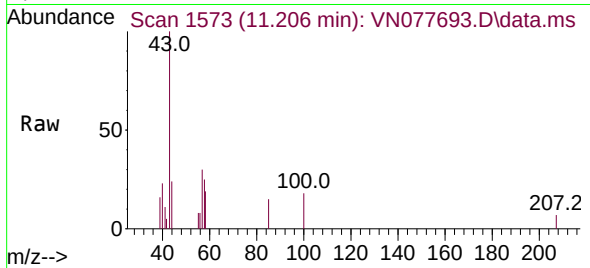




#59
2-Hexanone
Concen: 1.307 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

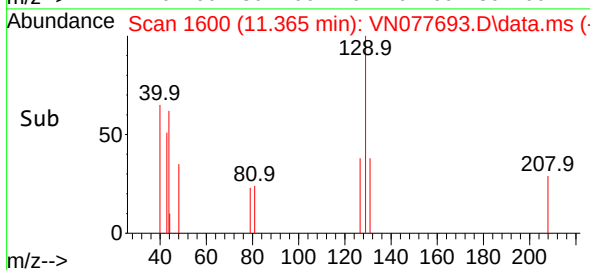
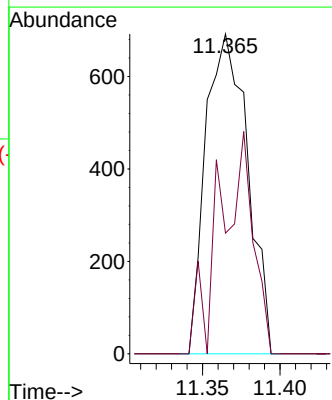
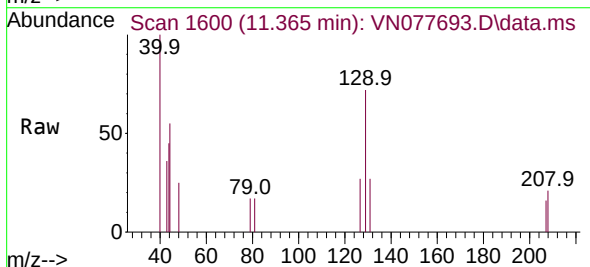
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

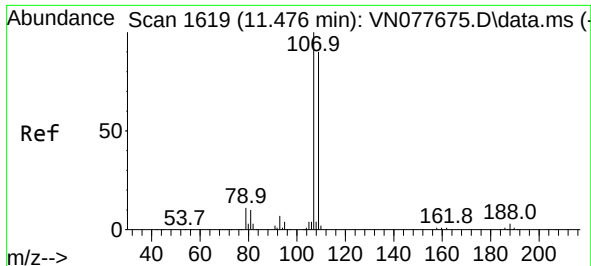
Tgt Ion: 43 Resp: 5452
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1



#60
Dibromochloromethane
Concen: 0.265 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 129 Resp: 1299
Ion Ratio Lower Upper
129 100
127 55.5 38.6 116.0

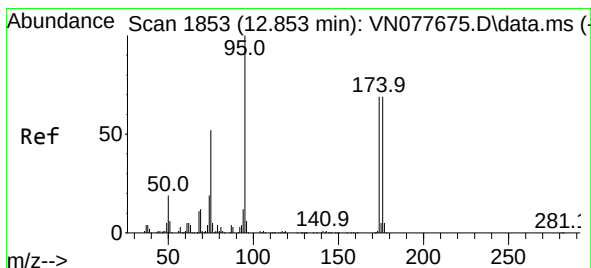
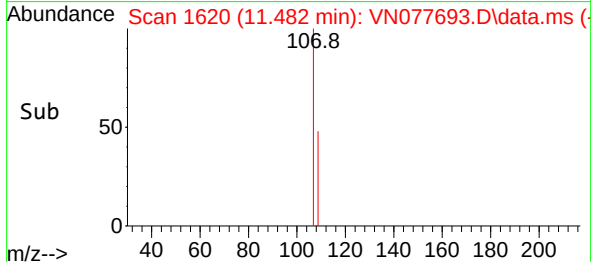
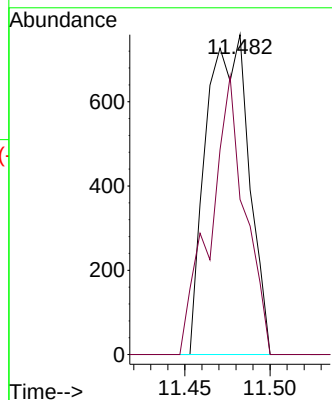
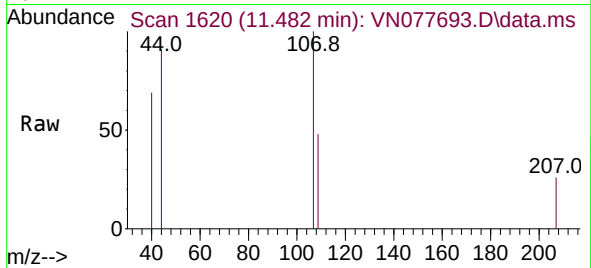




#61
1,2-Dibromoethane
Concen: 0.278 ug/l
RT: 11.482 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

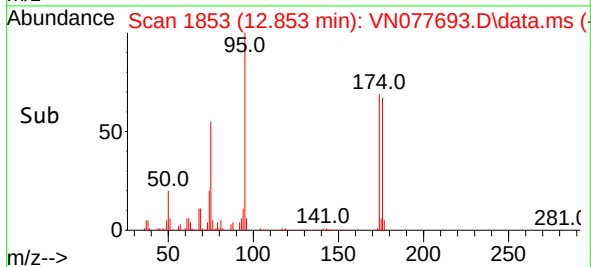
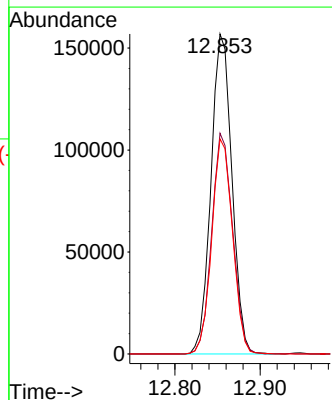
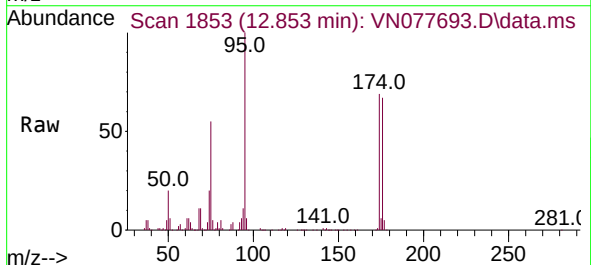
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

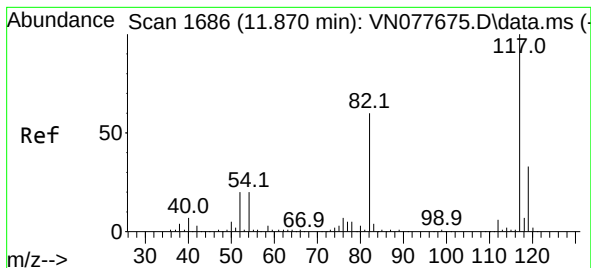
Tgt Ion:107 Resp: 1319
Ion Ratio Lower Upper
107 100
109 71.1 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 44.180 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 95 Resp: 267642
Ion Ratio Lower Upper
95 100
174 69.1 0.0 143.8
176 66.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

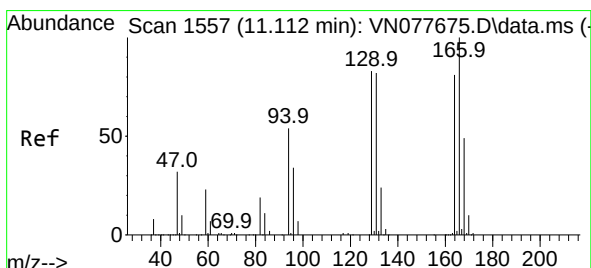
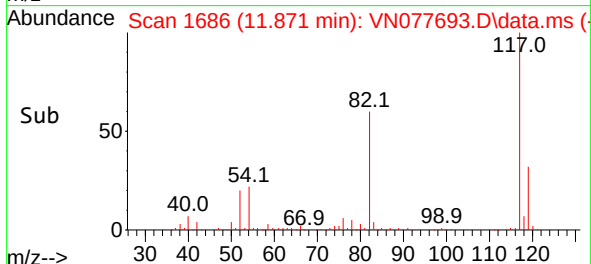
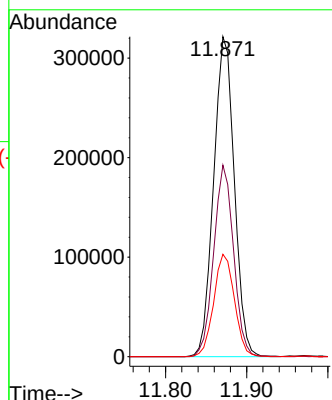
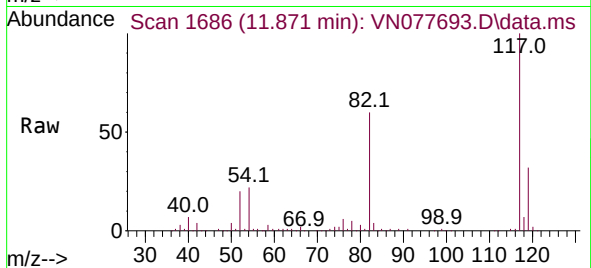
Tgt Ion:117 Resp: 569822

Ion Ratio Lower Upper

117 100

82 59.9 44.0 66.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 0.272 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Tgt Ion:164 Resp: 1085

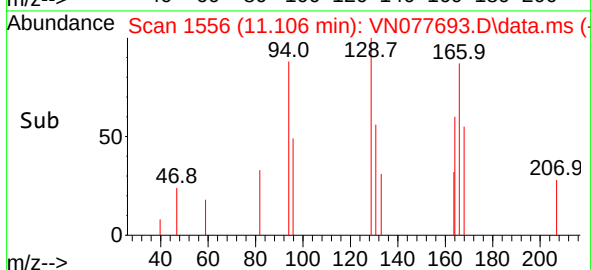
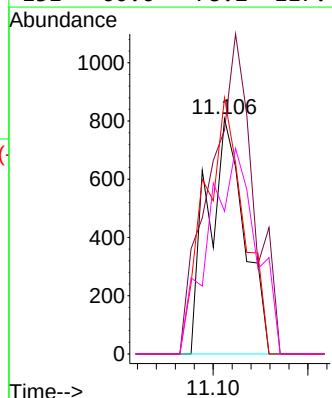
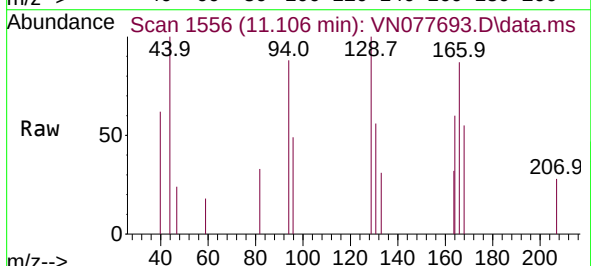
Ion Ratio Lower Upper

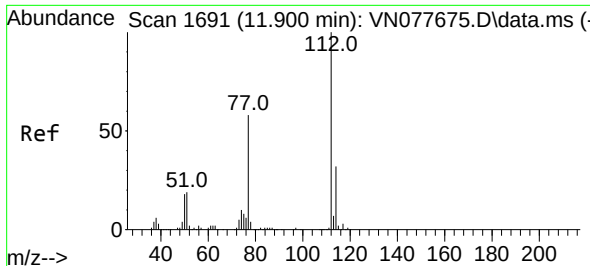
164 100

166 95.2 101.4 152.0#

129 108.9 82.4 123.6

131 60.6 78.2 117.4#

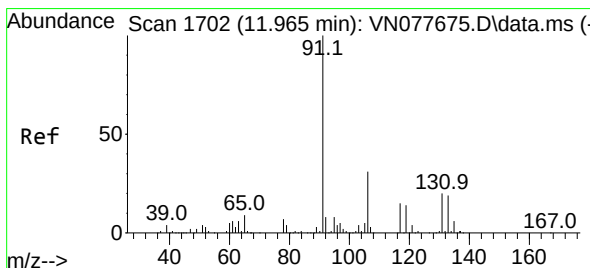
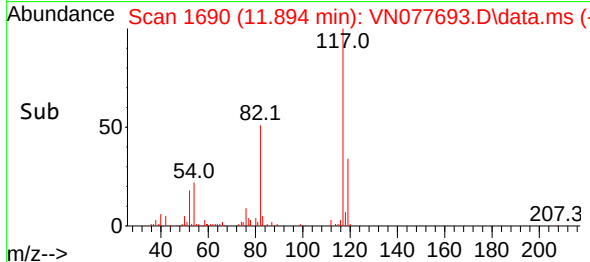
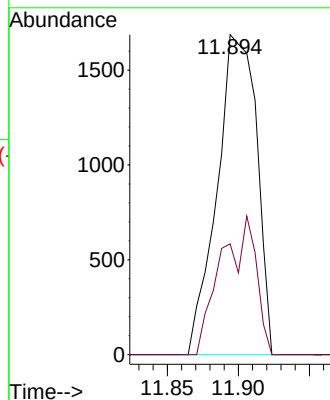
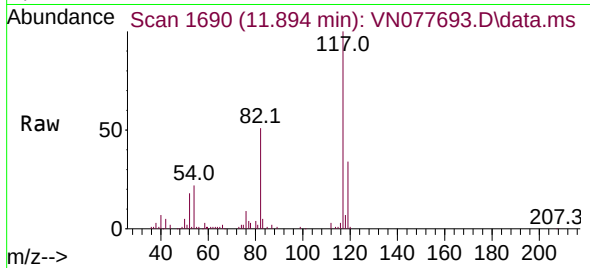




#65
Chlorobenzene
Concen: 0.265 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

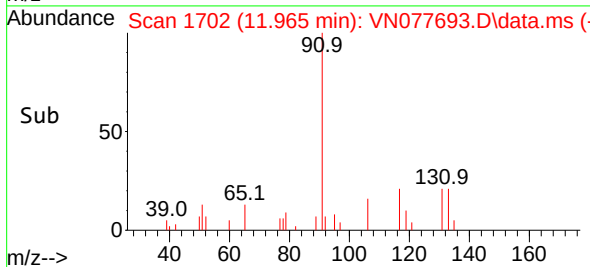
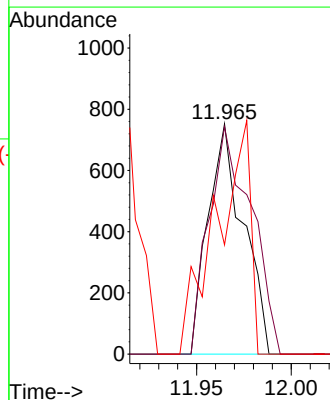
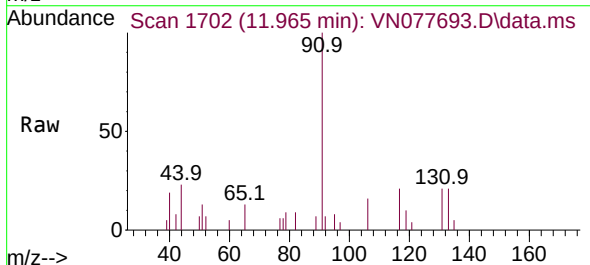
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

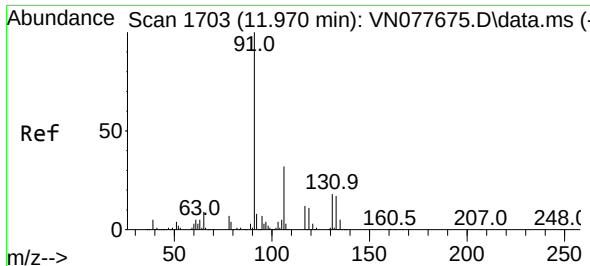
Tgt Ion:112 Resp: 3275
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.228 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:131 Resp: 976
Ion Ratio Lower Upper
131 100
133 118.4 46.4 139.1
119 0.0 34.1 102.2#

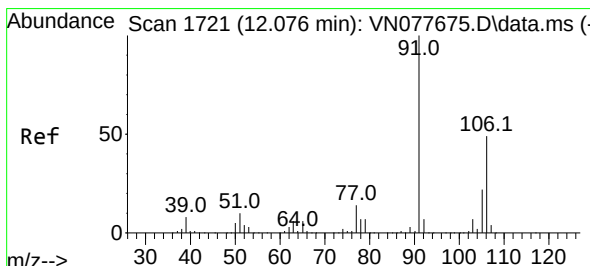
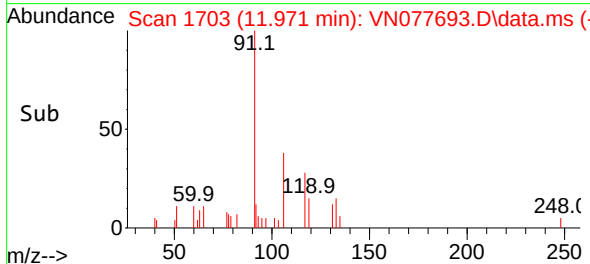
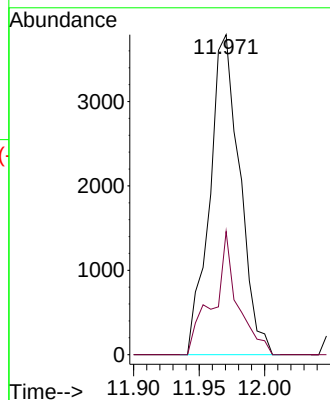
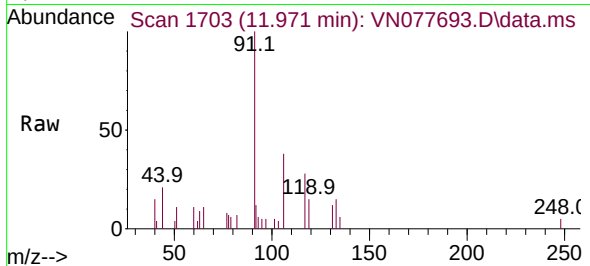




#67
Ethyl Benzene
Concen: 0.274 ug/l
RT: 11.971 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

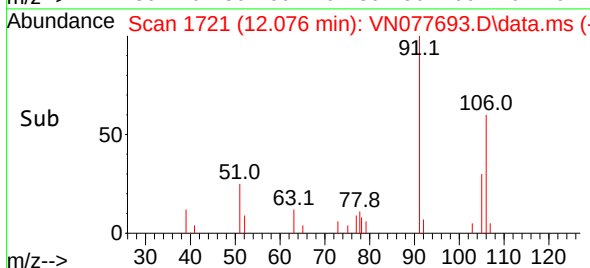
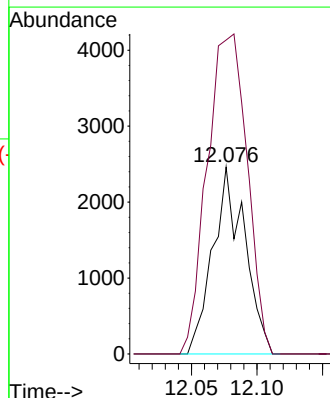
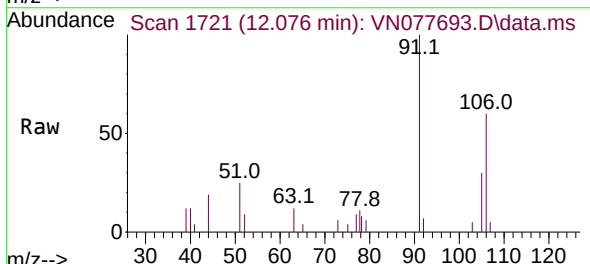
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

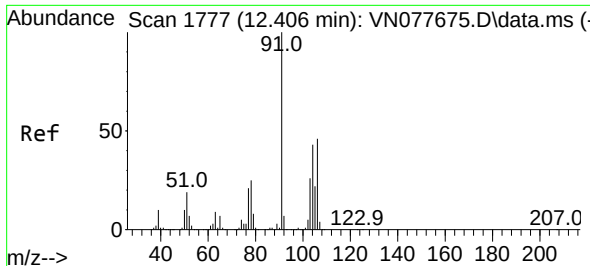
Tgt Ion: 91 Resp: 6069
Ion Ratio Lower Upper
91 100
106 38.5 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.496 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:106 Resp: 4163
Ion Ratio Lower Upper
106 100
91 214.8 159.6 239.4

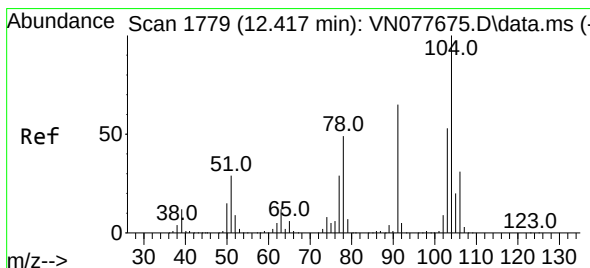
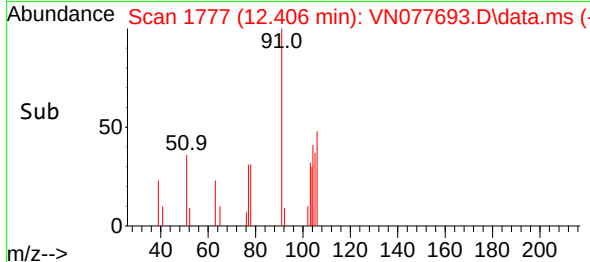
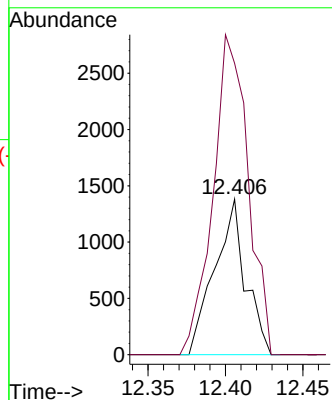
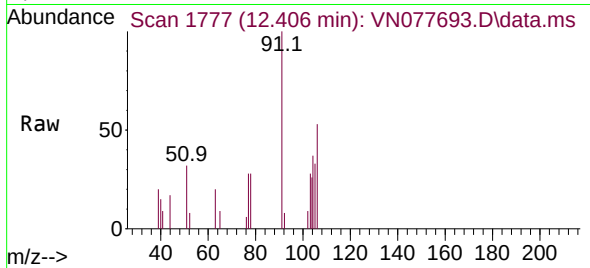




#69
o-Xylene
Concen: 0.233 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

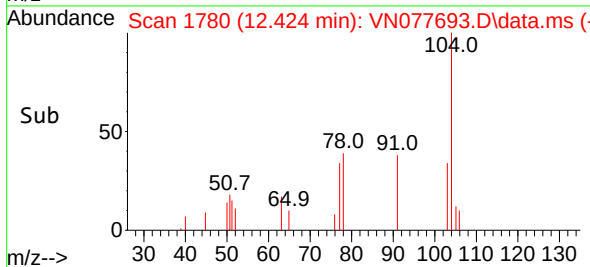
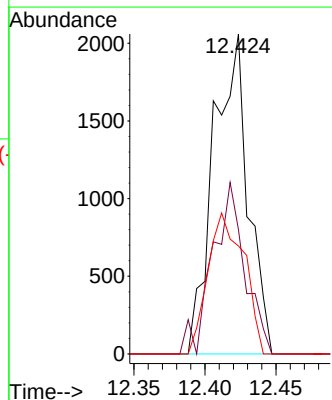
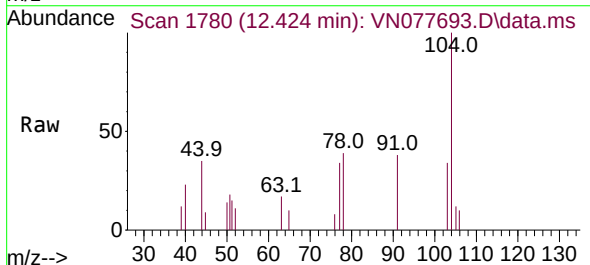
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

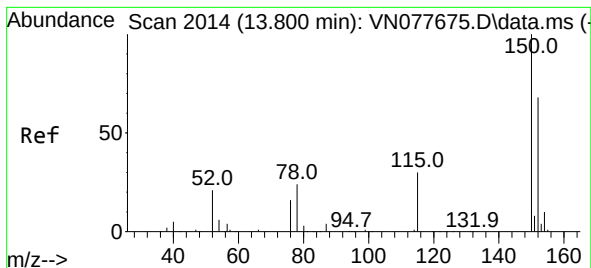
Tgt Ion:106 Resp: 1923
Ion Ratio Lower Upper
106 100
91 232.8 105.2 315.5



#70
Styrene
Concen: 0.265 ug/l
RT: 12.424 min Scan# 1780
Delta R.T. 0.007 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:104 Resp: 3475
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 46.1 43.2 64.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

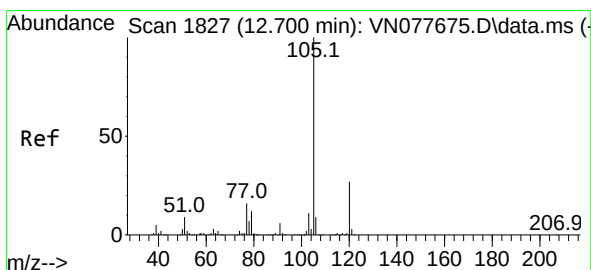
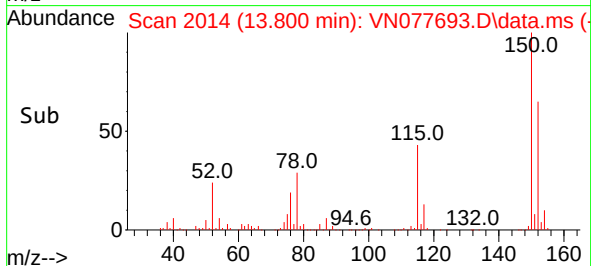
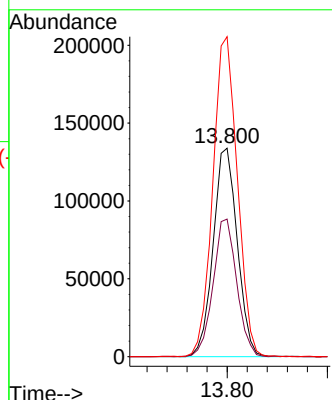
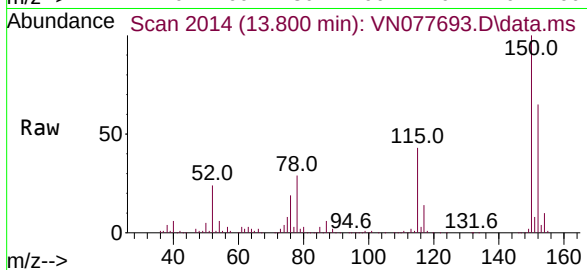
Tgt Ion:152 Resp: 223546

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 156.2 0.0 355.8



#73

Isopropylbenzene

Concen: 0.266 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN077693.D

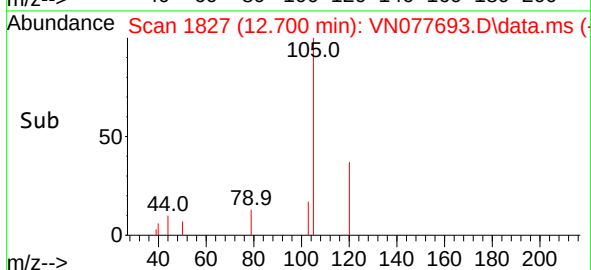
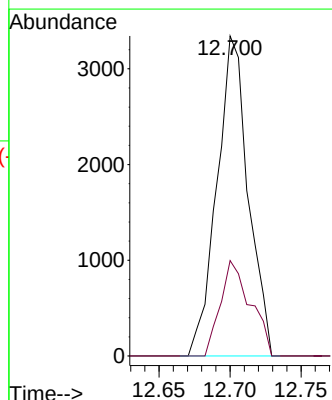
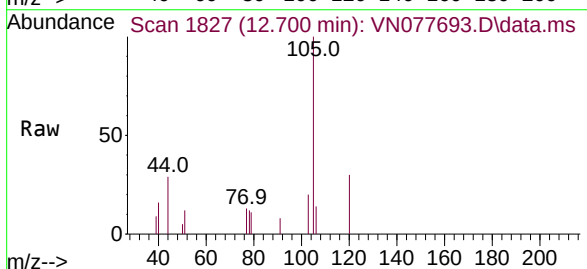
Acq: 16 May 2023 15:27

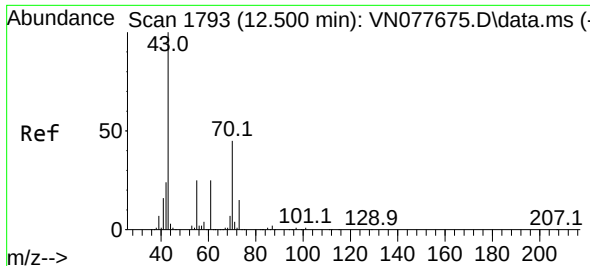
Tgt Ion:105 Resp: 5125

Ion Ratio Lower Upper

105 100

120 28.6 13.1 39.1

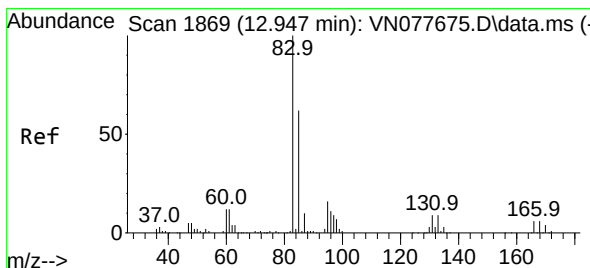
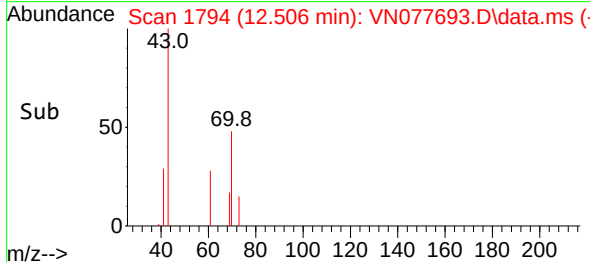
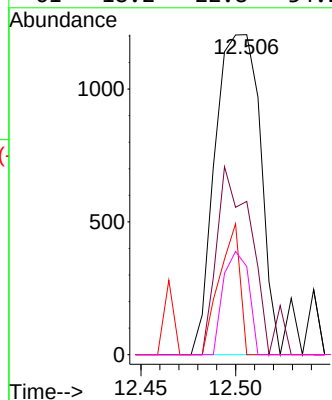
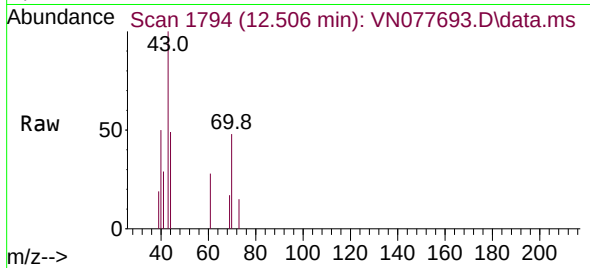




#74
N-amy1 acetate
Concen: 0.280 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

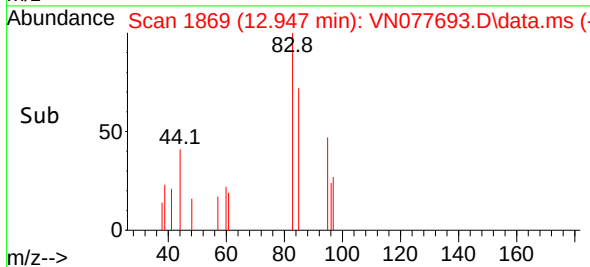
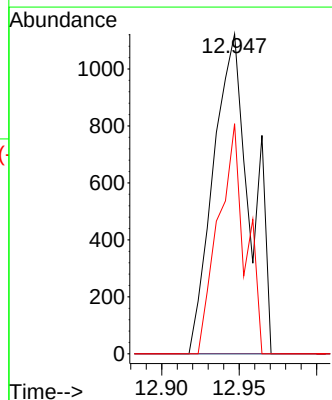
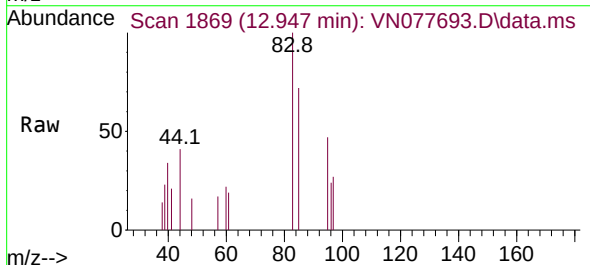
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

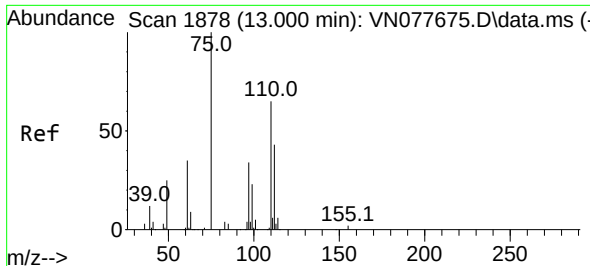
Tgt Ion: 43	Resp: 1995
Ion Ratio	Lower Upper
43 100	
70 46.8	43.4 65.2
55 18.7	21.4 32.0#
61 18.2	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.313 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 83	Resp: 1856
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 52.7	31.9 95.7

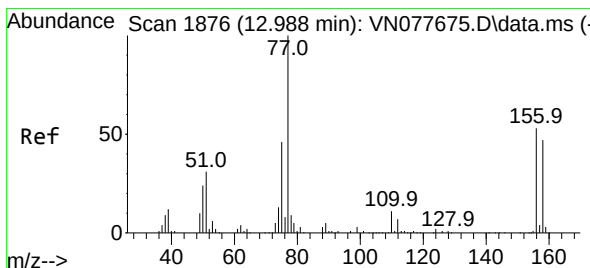
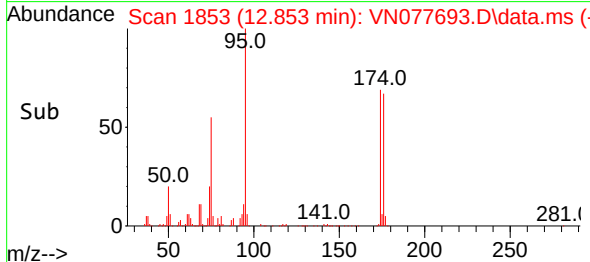
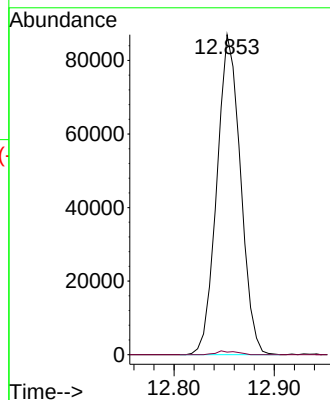
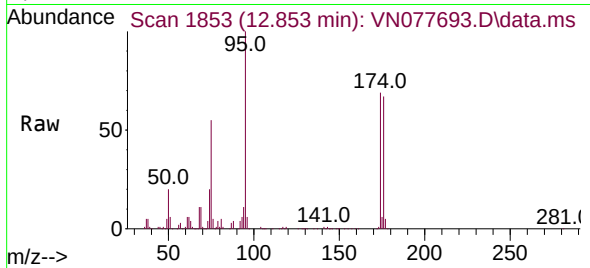




#76
1,2,3-Trichloropropane
Concen: 25.475 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

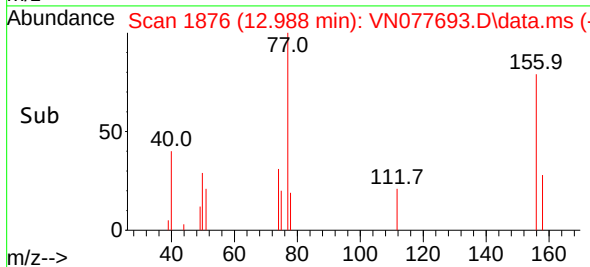
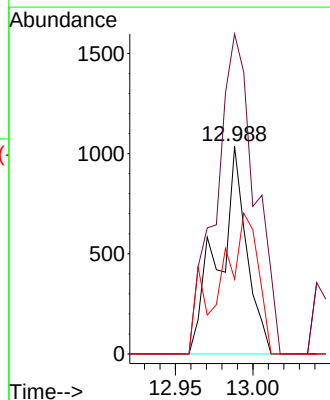
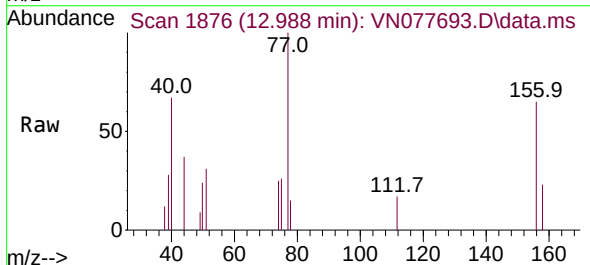
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

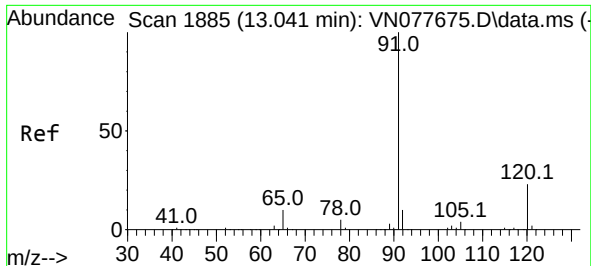
Tgt Ion: 75 Resp: 142619
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#77
Bromobenzene
Concen: 0.298 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:156 Resp: 1309
Ion Ratio Lower Upper
156 100
77 214.3 107.7 323.3
158 92.1 48.4 145.3

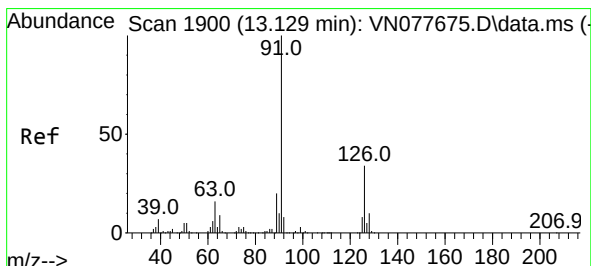
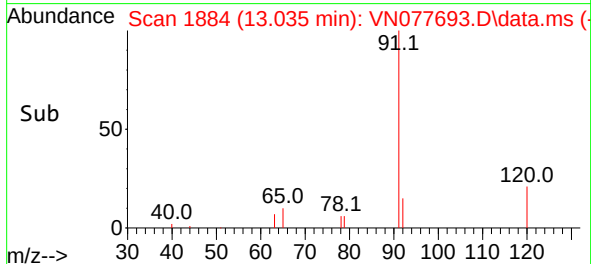
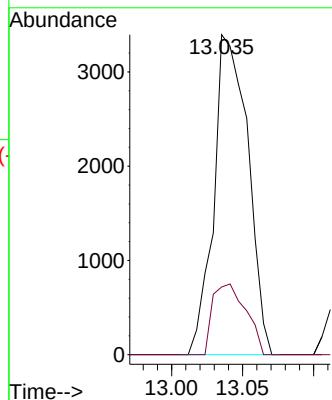
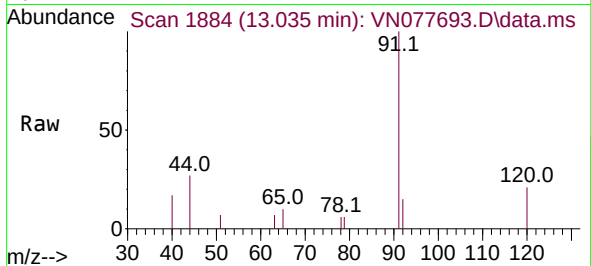




#78
n-propylbenzene
Concen: 0.249 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

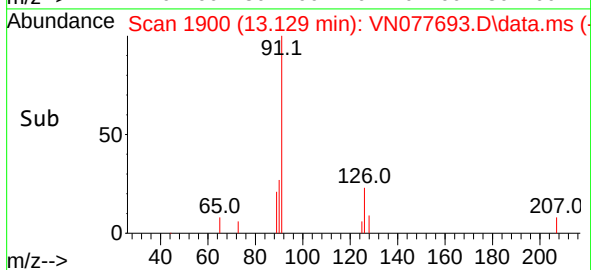
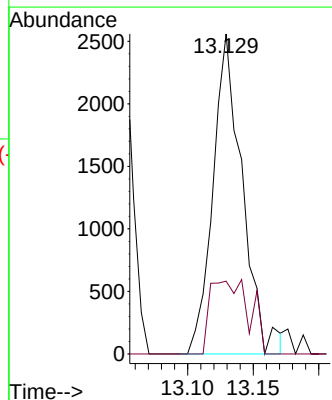
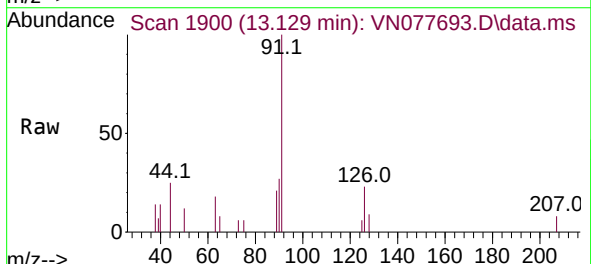
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

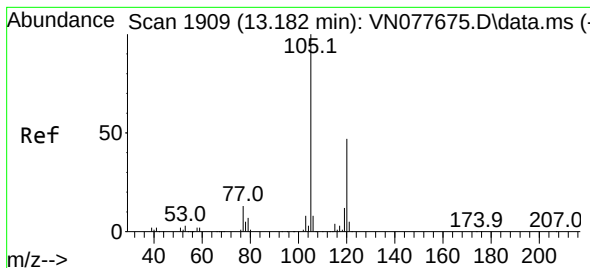
Tgt Ion: 91 Resp: 5659
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.293 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 91 Resp: 3968
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.269 ug/l

RT: 13.176 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

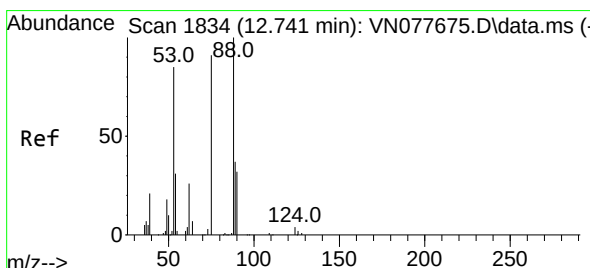
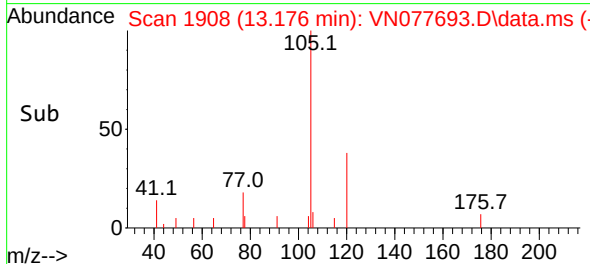
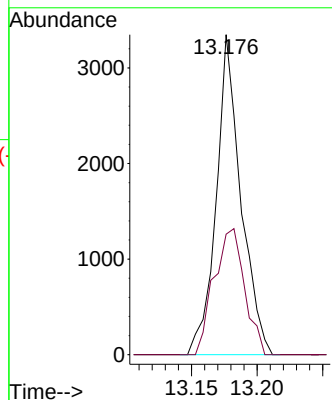
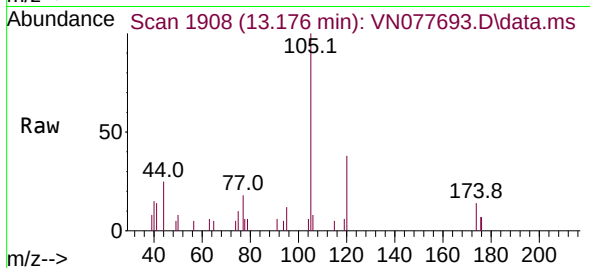
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 4364

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 81.431 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

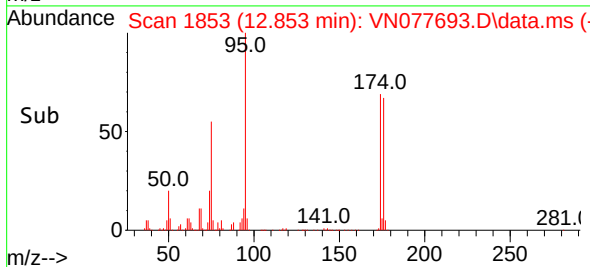
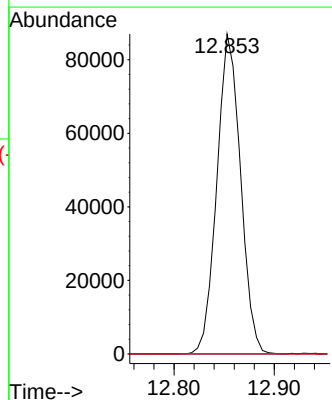
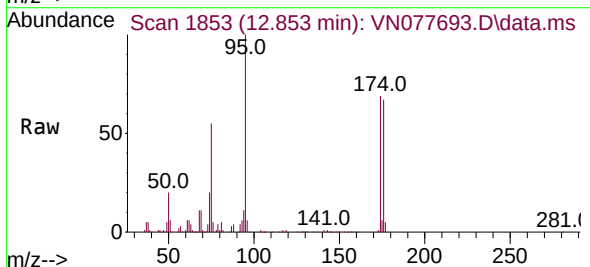
Tgt Ion: 75 Resp: 142619

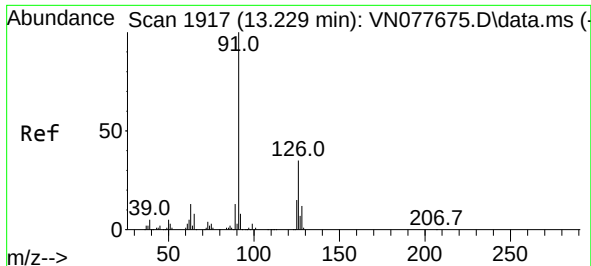
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

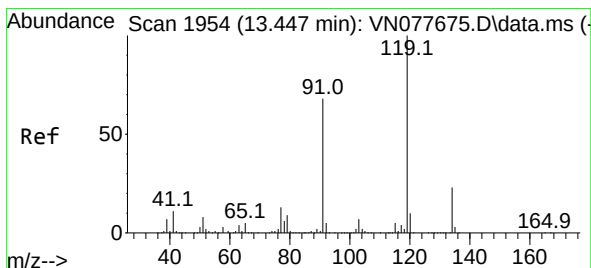
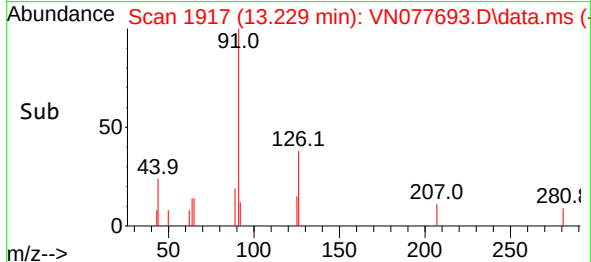
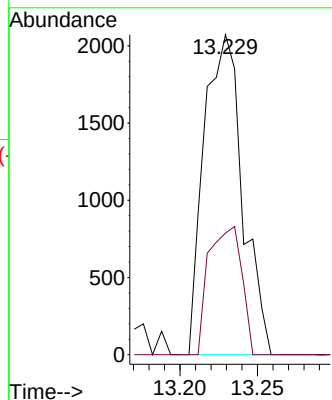
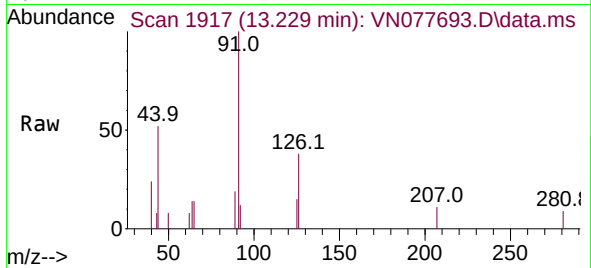




#82
4-Chlorotoluene
Concen: 0.265 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

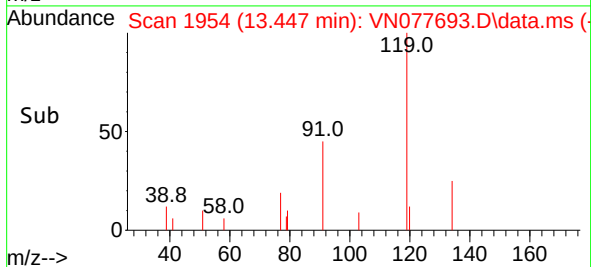
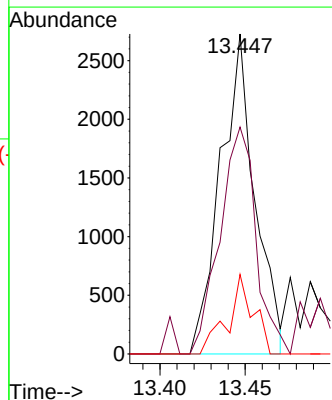
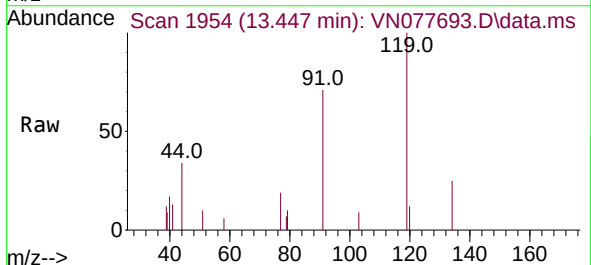
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

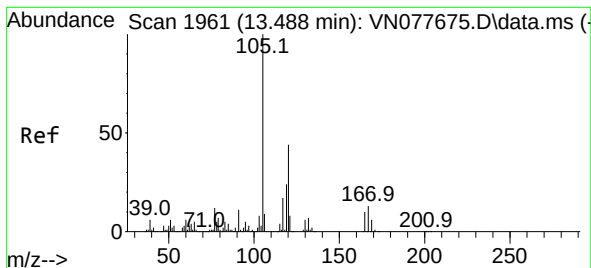
Tgt Ion: 91 Resp: 3574
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion: 119 Resp: 3832
Ion Ratio Lower Upper
119 100
91 74.2 33.9 101.7
134 18.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.245 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

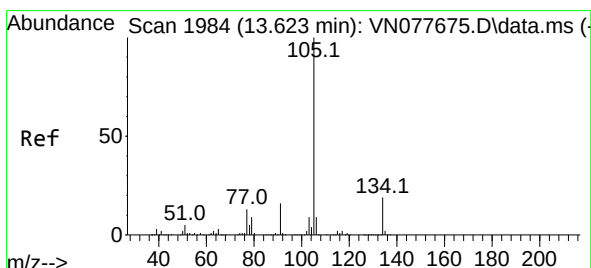
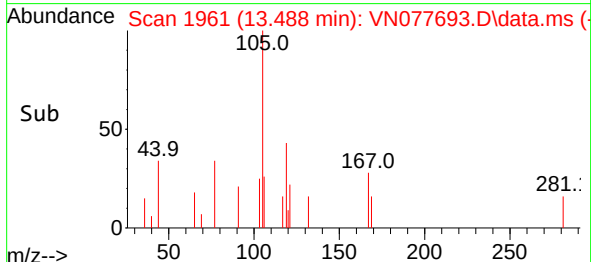
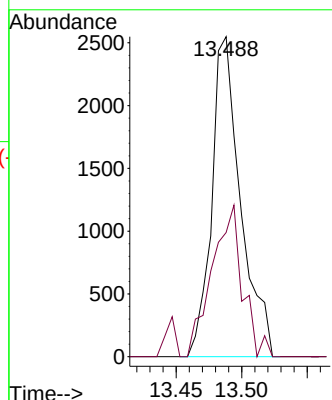
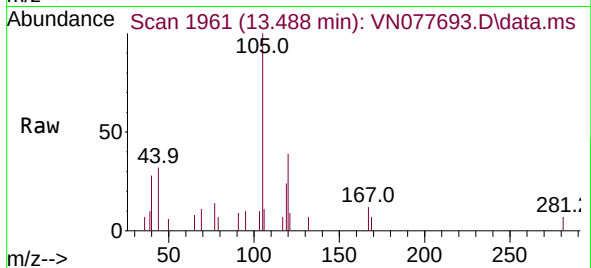
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 3902

Ion Ratio Lower Upper

105 100

120 49.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.241 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077693.D

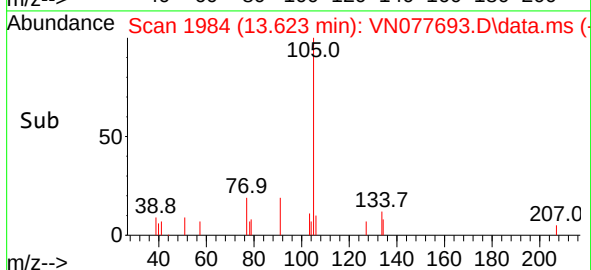
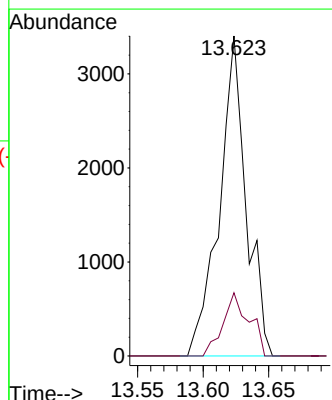
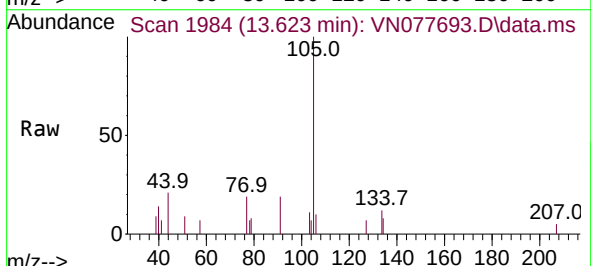
Acq: 16 May 2023 15:27

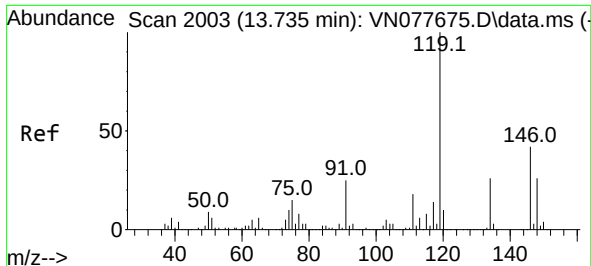
Tgt Ion:105 Resp: 4844

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3

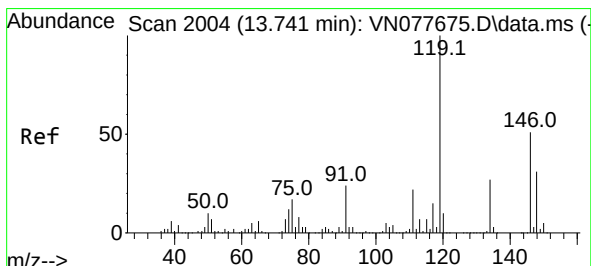
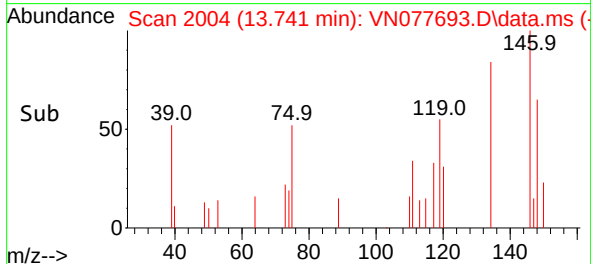
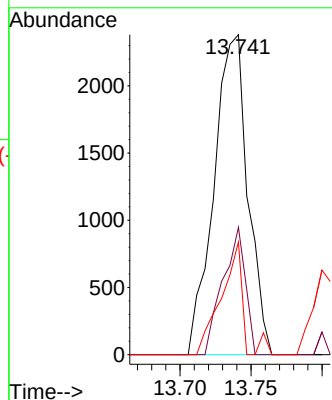
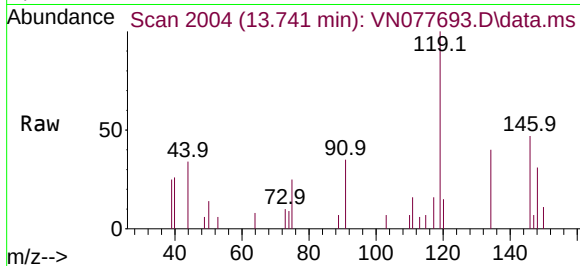




#86
p-Isopropyltoluene
Concen: 0.247 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

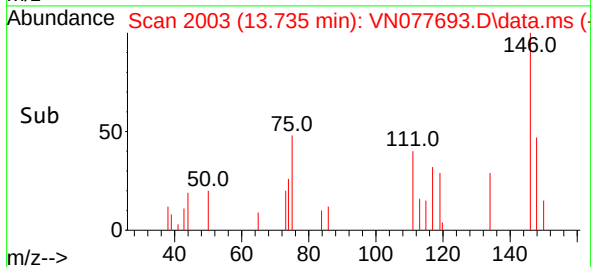
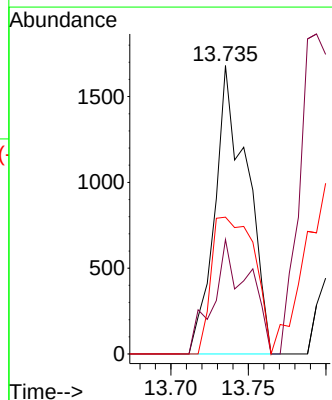
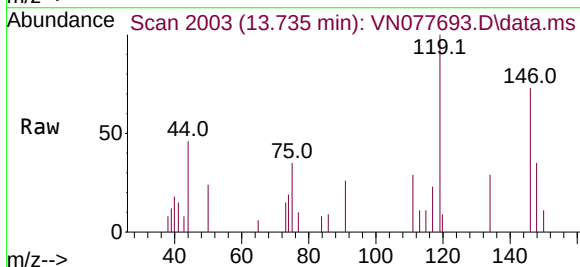
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

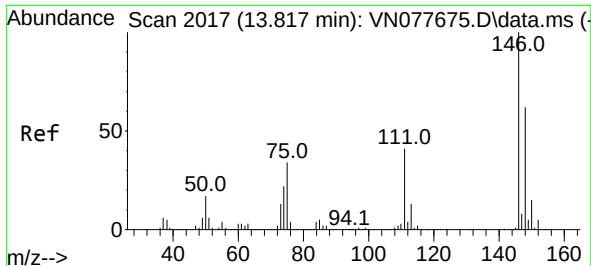
Tgt Ion:119 Resp: 3960
Ion Ratio Lower Upper
119 100
134 26.3 12.6 37.8
91 20.8 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.300 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:146 Resp: 2437
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.3
148 62.9 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.302 ug/l

RT: 13.735 min Scan# 2017

Delta R.T. -0.082 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

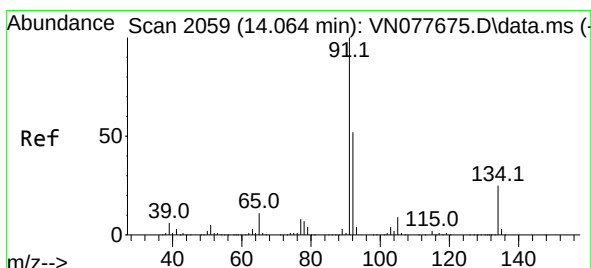
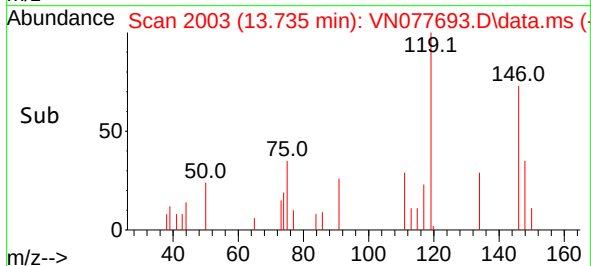
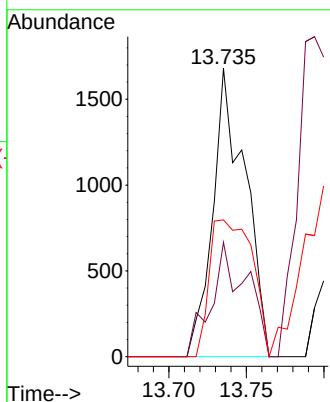
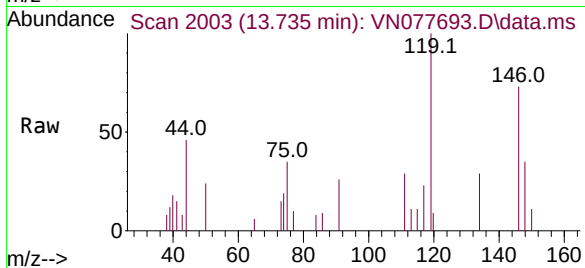
Tgt Ion:146 Resp: 2437

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.8

148 62.9 31.6 94.8



#89

n-Butylbenzene

Concen: 0.261 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

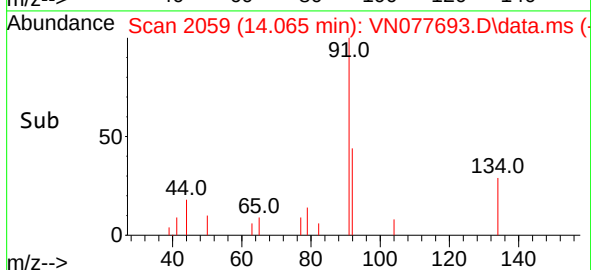
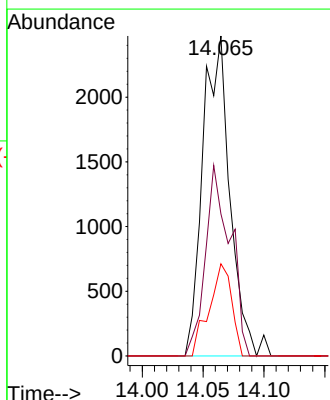
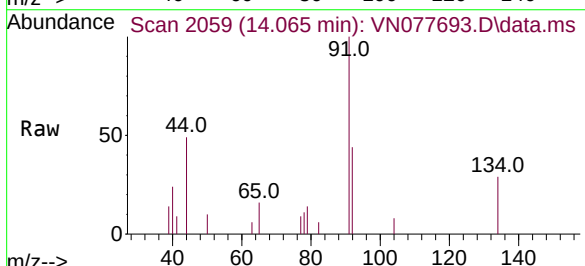
Tgt Ion: 91 Resp: 3849

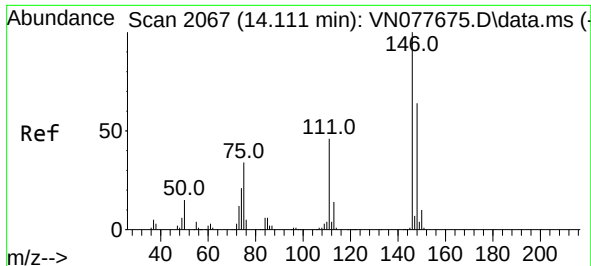
Ion Ratio Lower Upper

91 100

92 54.5 26.4 79.0

134 23.9 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.258 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077693.D

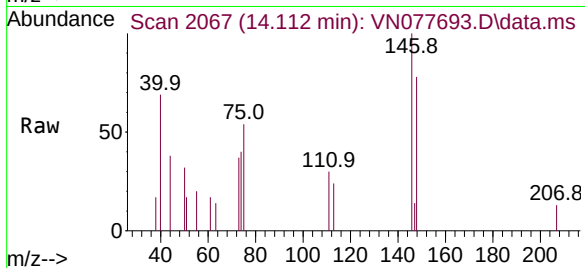
Acq: 16 May 2023 15:27

Instrument :

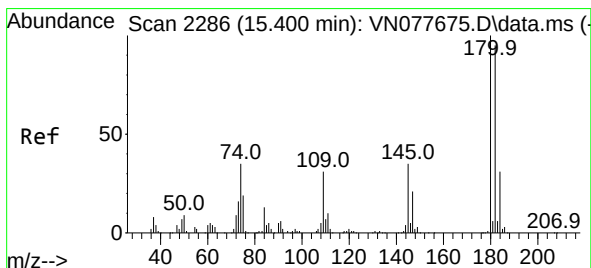
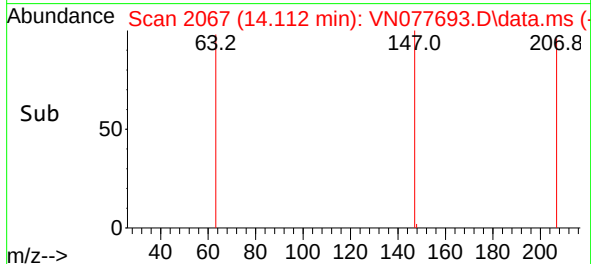
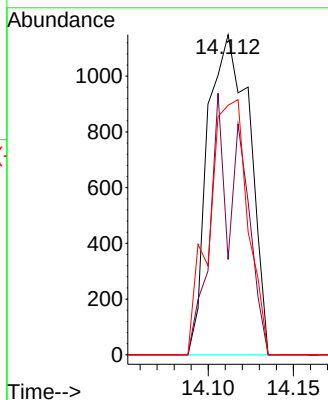
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	146	Resp:	1960
Ion Ratio	Lower	Upper	
146	100		
111	60.6	22.0	66.0
148	73.8	31.8	95.3



#93

1,2,4-Trichlorobenzene

Concen: 0.333 ug/l

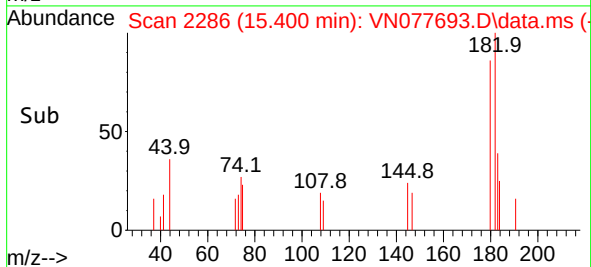
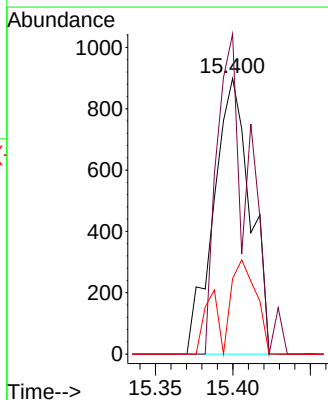
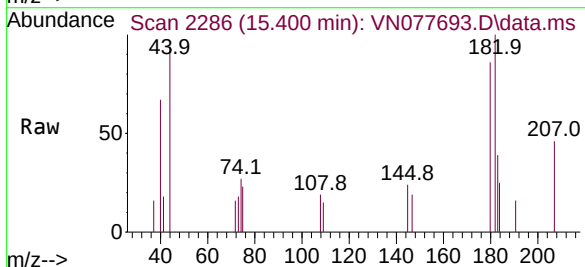
RT: 15.400 min Scan# 2286

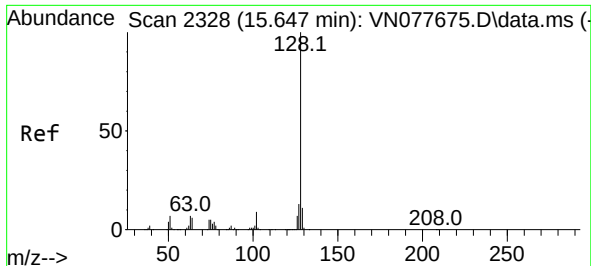
Delta R.T. -0.000 min

Lab File: VN077693.D

Acq: 16 May 2023 15:27

Tgt Ion:	180	Resp:	1477
Ion Ratio	Lower	Upper	
180	100		
182	100.5	46.1	138.2
145	23.0	16.6	49.8

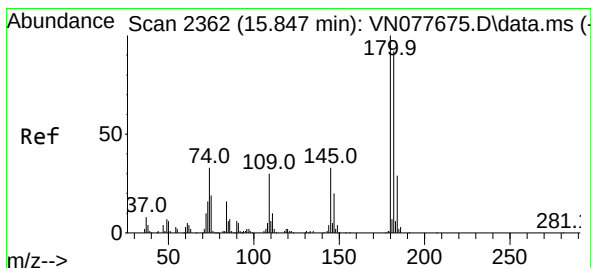
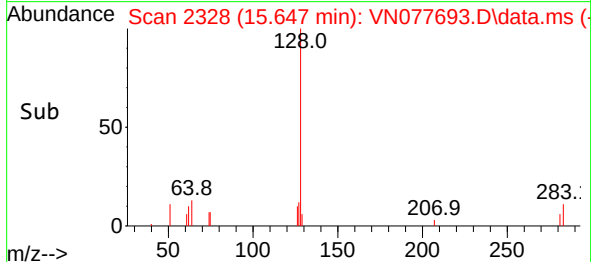
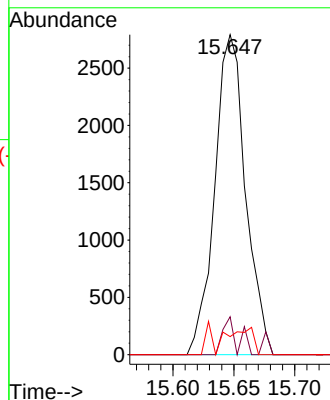
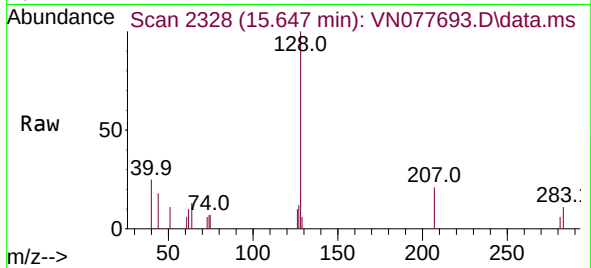




#95
Naphthalene
Concen: 0.322 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:128 Resp: 4921
Ion Ratio Lower Upper
128 100
127 5.7 10.0 15.0#
129 2.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.293 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN077693.D
Acq: 16 May 2023 15:27

Tgt Ion:180 Resp: 1275
Ion Ratio Lower Upper
180 100
182 63.3 46.2 138.6
145 0.0 17.5 52.6#

