

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030587.D
 Acq On : 17 Apr 2023 14:36
 Operator : SY/MD
 Sample : 02215-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 18 02:48:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	261498	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	253124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	127762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	87646	45.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.440%
7) Chloroethane-d5	1.539	69	70449	43.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.700%
11) 1,1-Dichloroethene-d2	2.066	65	40896	44.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.980%
21) 2-Butanone-d5	3.805	46	99345	94.352	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.350%
24) Chloroform-d	4.259	84	150477	43.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
26) 1,2-Dichloroethane-d4	4.953	65	103583	46.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
32) Benzene-d6	4.969	84	286973	47.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
36) 1,2-Dichloropropane-d6	5.998	67	90215	48.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.060%
41) Toluene-d8	7.252	98	254288	45.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	7.561	79	43699	46.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.034	63	64297	87.799	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	116986	43.369	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.740%
66) 1,2-Dichlorobenzene-d4	11.570	152	100935	49.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4644	2.066	ug/L	100
3) Chloromethane	1.217	50	8141	2.760	ug/L	95
5) Vinyl chloride	1.288	62	5415	2.277	ug/L #	78
6) Bromomethane	1.494	94	2747	2.914	ug/L	97
8) Chloroethane	1.555	64	3688	2.261	ug/L	99
9) Trichlorofluoromethane	1.719	101	7716	2.002	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5511	2.721	ug/L #	82
14) Carbon disulfide	2.249	76	11795	2.281	ug/L	97
15) Methyl Acetate	2.387	43	5252	2.416	ug/L	96
16) Methylene chloride	2.455	84	7361	3.513	ug/L	95
17) trans-1,2-Dichloroethene	2.706	96	3843	2.079	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	11124	1.879	ug/L #	90
19) 1,1-Dichloroethane	3.121	63	8211	2.179	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	1480	0.736	ug/L	95
23) Bromochloromethane	4.166	128	2267	2.019	ug/L #	86
25) Chloroform	4.288	83	8204	2.103	ug/L	90
27) 1,2-Dichloroethane	5.066	62	6491	1.966	ug/L #	95
29) Cyclohexane	4.593	56	6640	2.186	ug/L	85
30) 1,1,1-Trichloroethane	4.532	97	7630	2.145	ug/L #	90

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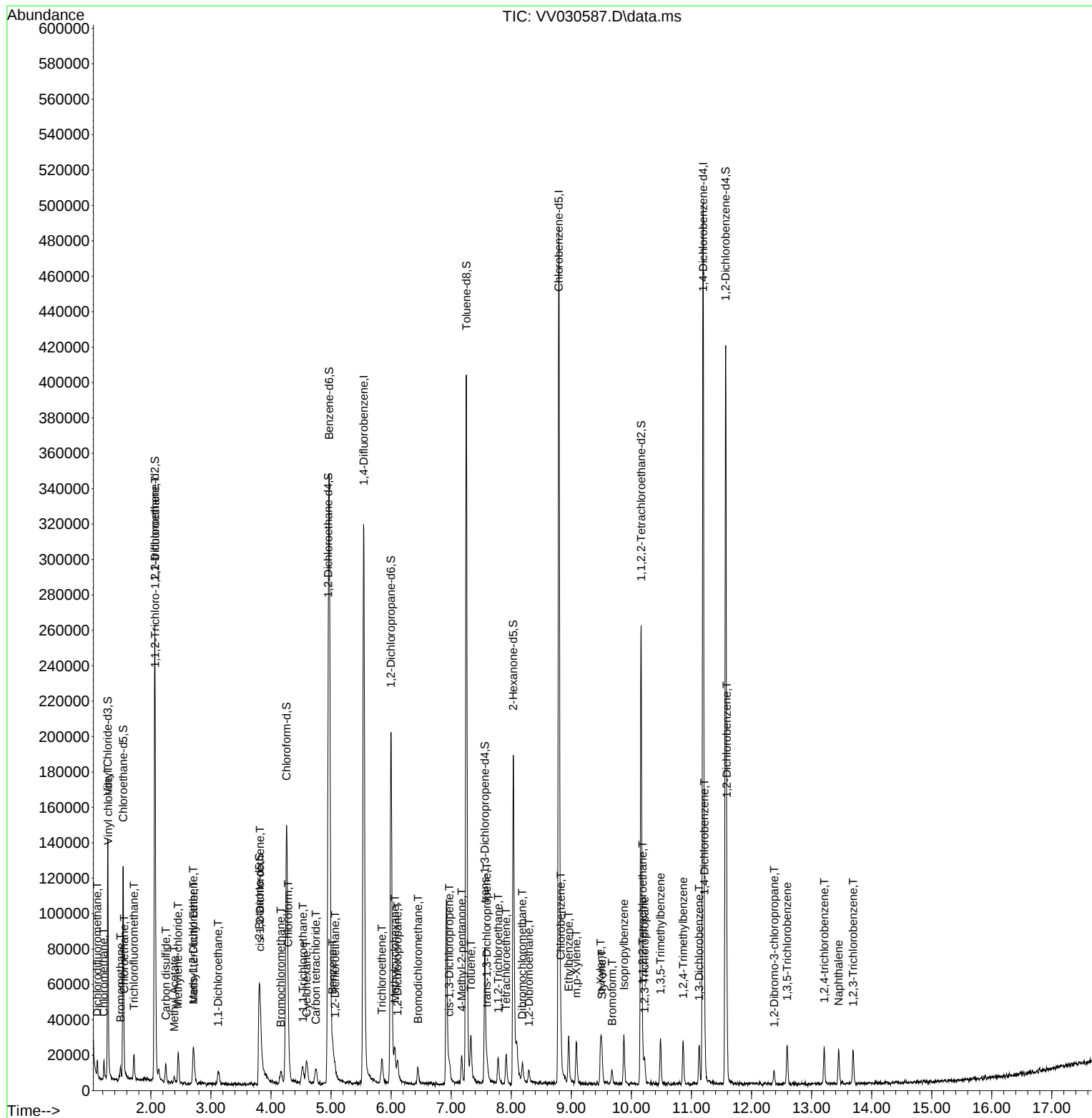
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.748	117	5943	1.869	ug/L	83
33) Benzene	5.024	78	16266	2.116	ug/L	100
34) Trichloroethene	5.847	95	4752	2.377	ug/L	92
35) Methylcyclohexane	6.063	83	6881	2.196	ug/L	94
37) 1,2-Dichloropropane	6.108	63	4915	2.376	ug/L	99
38) Bromodichloromethane	6.448	83	6144	2.114	ug/L	99
39) cis-1,3-Dichloropropene	6.969	75	6967	2.244	ug/L	98
40) 4-Methyl-2-pentanone	7.175	43	10234	3.541	ug/L	96
42) Toluene	7.329	91	16657	2.023	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	6021	1.974	ug/L	93
45) 1,1,2-Trichloroethane	7.780	97	4448	2.144	ug/L	98
46) Tetrachloroethene	7.915	164	3924	2.242	ug/L	96
49) Dibromochloromethane	8.185	129	4742	2.072	ug/L	85
50) 1,2-Dibromoethane	8.294	107	4366	2.031	ug/L #	96
51) Chlorobenzene	8.825	112	11414	2.093	ug/L	96
52) Ethylbenzene	8.956	91	17555	1.926	ug/L	99
53) m,p-Xylene	9.085	106	6607	1.919	ug/L	99
54) o-Xylene	9.487	106	5902	1.752	ug/L	95
55) Styrene	9.509	104	9921	1.677	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.188	83	7030	2.064	ug/L	92
59) Bromoform	9.677	173	3880	2.426	ug/L #	94
60) Isopropylbenzene	9.876	105	15618	1.960	ug/L	96
61) 1,2,3-Trichloropropane	10.220	75	5694	2.488	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.484	105	12295	1.874	ug/L	99
63) 1,2,4-Trimethylbenzene	10.863	105	12924	1.973	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	8668	2.173	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	9277	2.205	ug/L	90
67) 1,2-Dichlorobenzene	11.586	146	9375	2.330	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.377	75	1834	2.705	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	6560	2.177	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	5553	2.170	ug/L	99
71) Naphthalene	13.451	128	14383	2.055	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.692	180	5410	2.132	ug/L	98

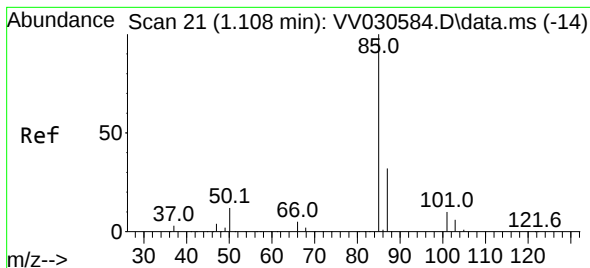
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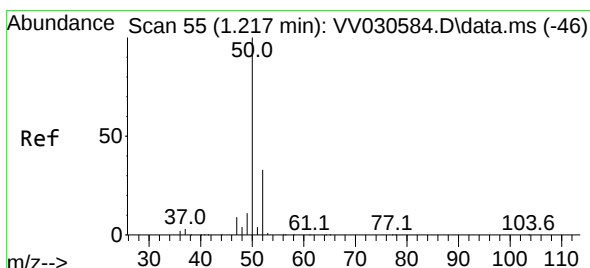
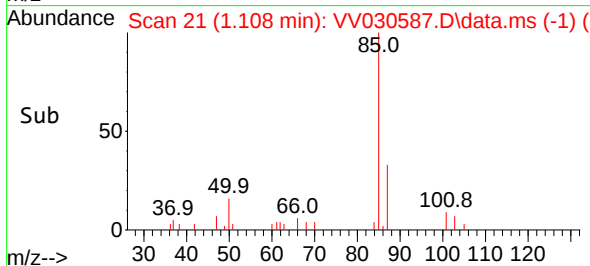
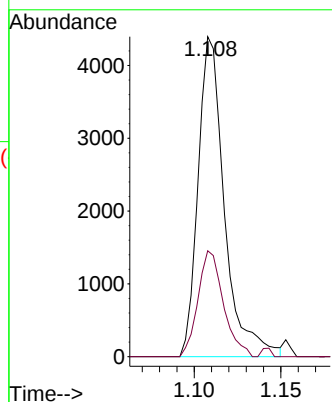
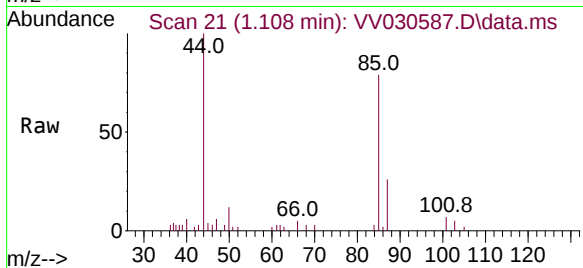




#2
 Dichlorodifluoromethane
 Concen: 2.066 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030587.D
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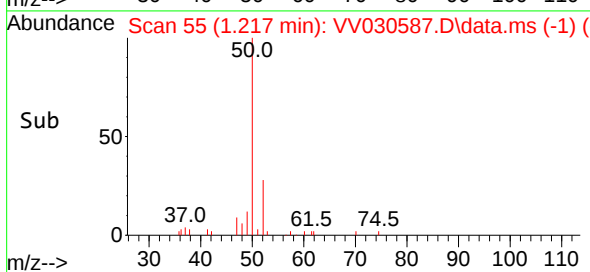
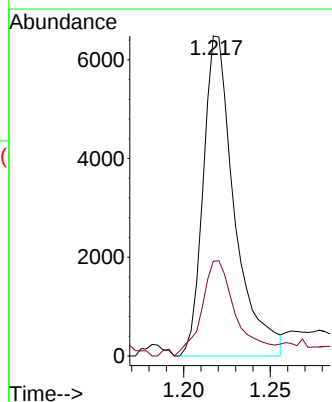
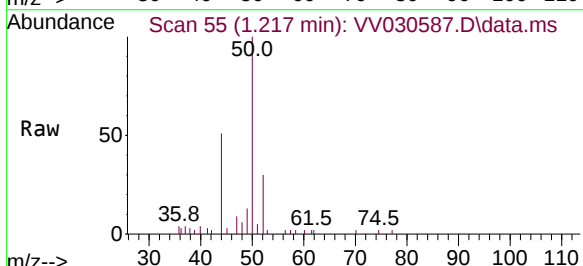
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2023-03

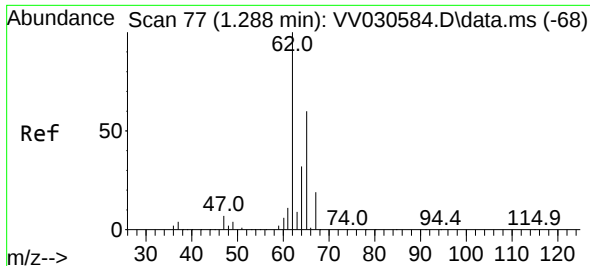
Tgt Ion: 85 Resp: 4644
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.6 38.4



#3
 Chloromethane
 Concen: 2.760 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030587.D
 Acq: 17 Apr 2023 14:36

Tgt Ion: 50 Resp: 8141
 Ion Ratio Lower Upper
 50 100
 52 29.6 22.5 41.9

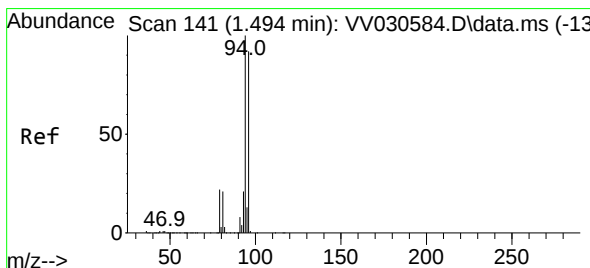
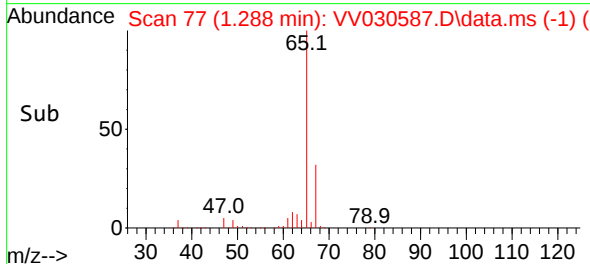
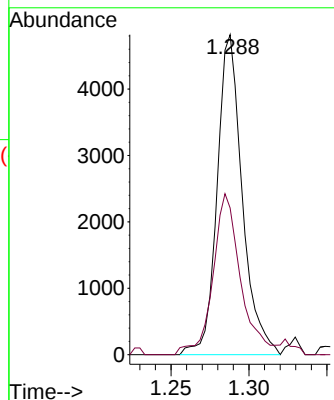
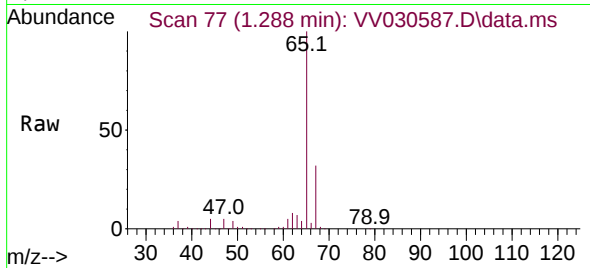




#5
 Vinyl chloride
 Concen: 2.277 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030587.D
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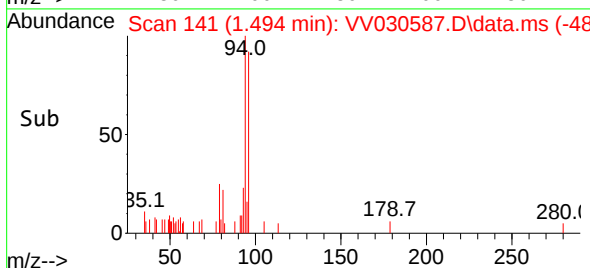
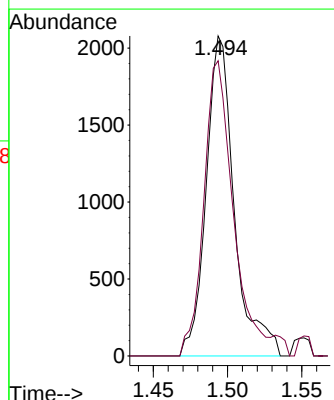
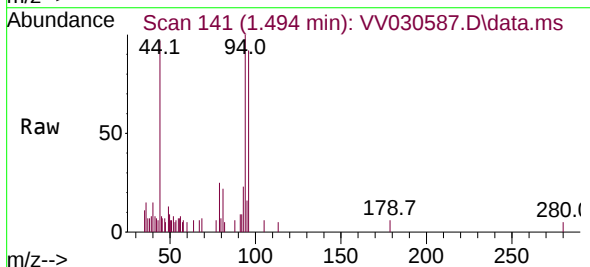
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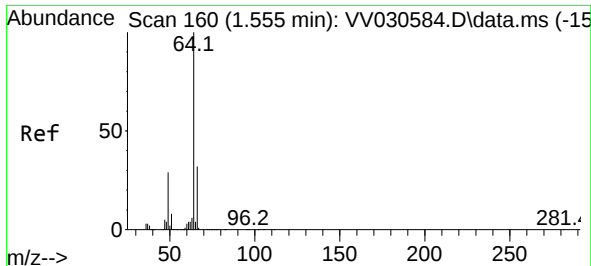
Tgt Ion: 62 Resp: 5415
 Ion Ratio Lower Upper
 62 100
 64 45.8 23.4 43.4#



#6
 Bromomethane
 Concen: 2.914 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VV030587.D
 Acq: 17 Apr 2023 14:36

Tgt Ion: 94 Resp: 2747
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.3 123.1

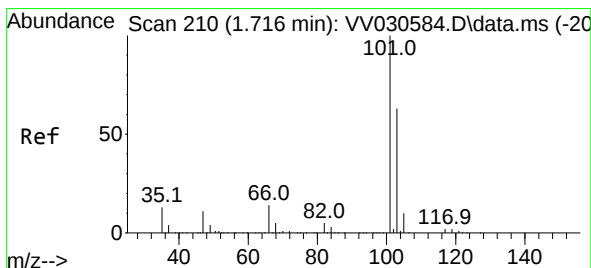
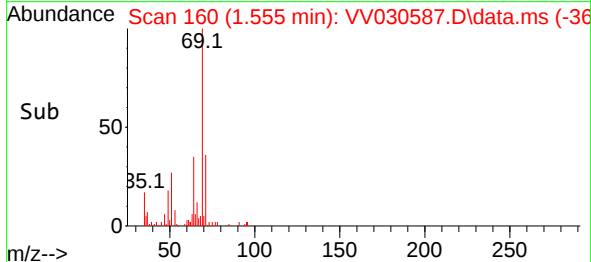
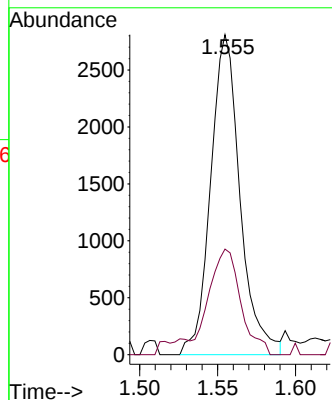
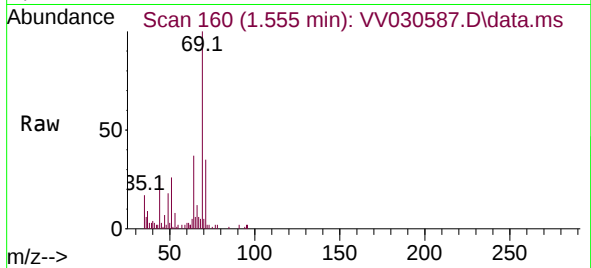




#8
Chloroethane
Concen: 2.261 ug/L
RT: 1.555 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

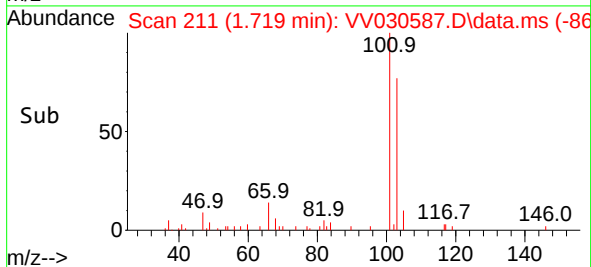
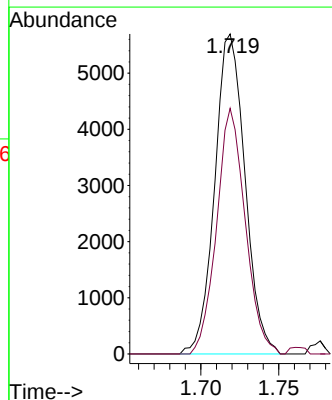
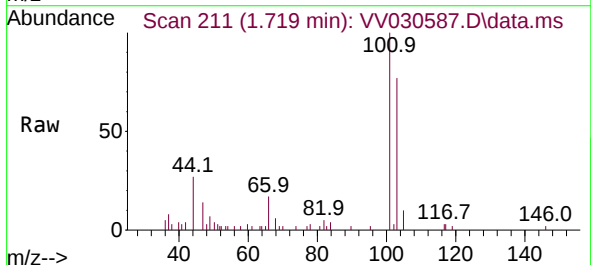
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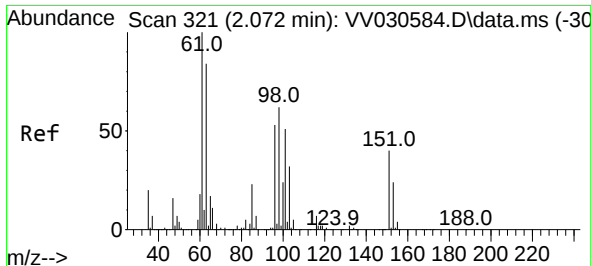
Tgt Ion: 64 Resp: 3688
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 2.002 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:101 Resp: 7716
Ion Ratio Lower Upper
101 100
103 72.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.721 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

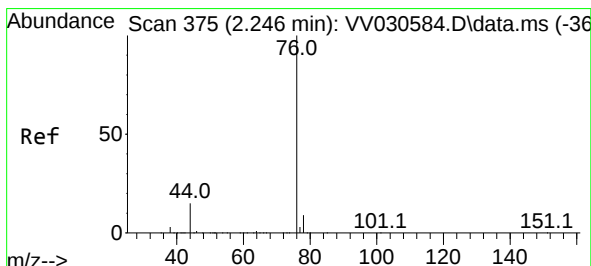
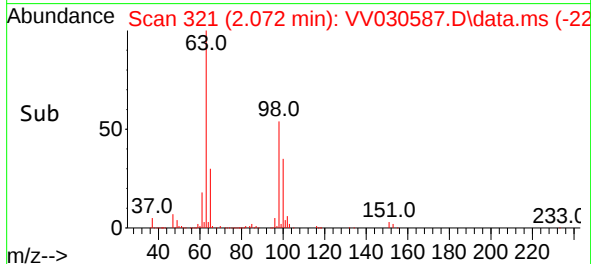
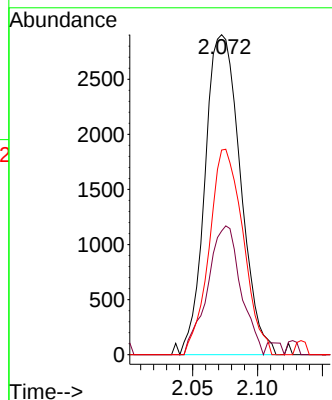
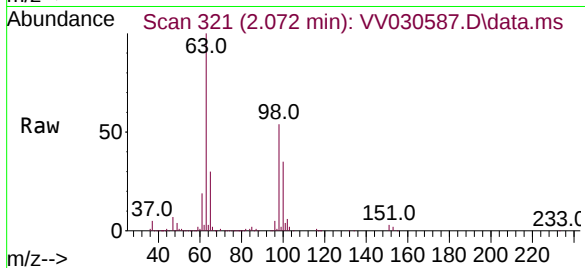
Tgt Ion:101 Resp: 5511

Ion Ratio Lower Upper

101 100

85 37.7 37.5 56.3

151 61.6 63.5 95.3#



#14

Carbon disulfide

Concen: 2.281 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030587.D

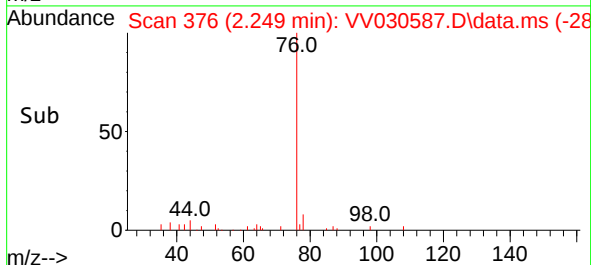
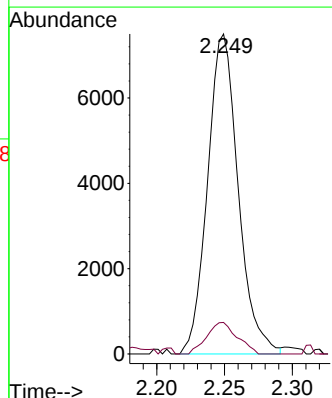
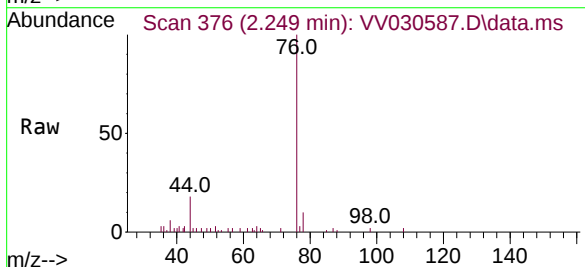
Acq: 17 Apr 2023 14:36

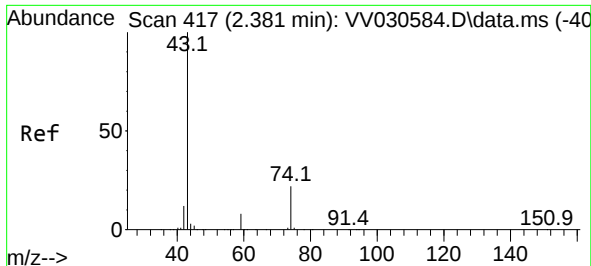
Tgt Ion: 76 Resp: 11795

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.4

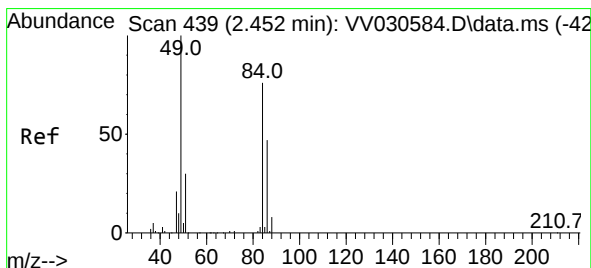
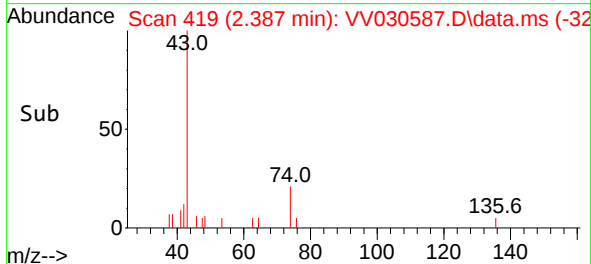
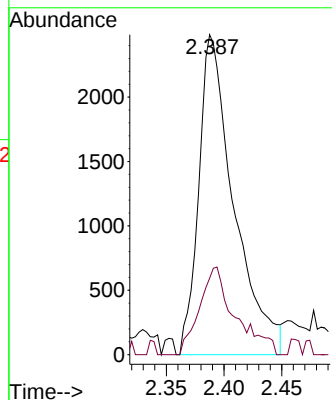
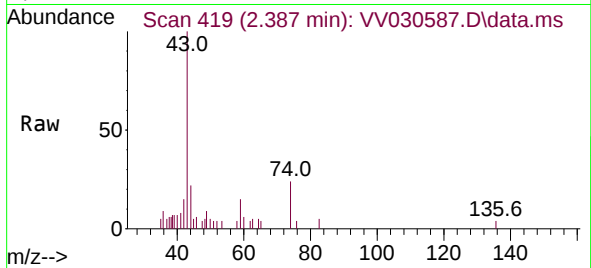




#15
Methyl Acetate
Concen: 2.416 ug/L
RT: 2.387 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV030587.D
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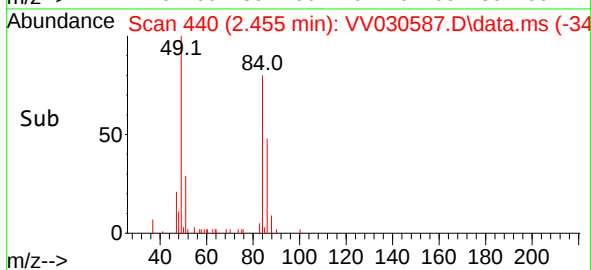
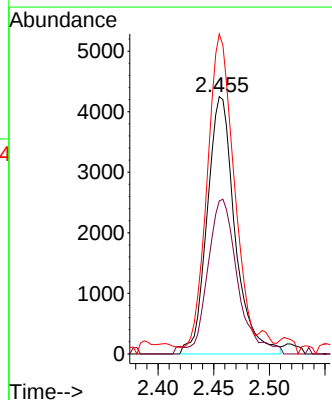
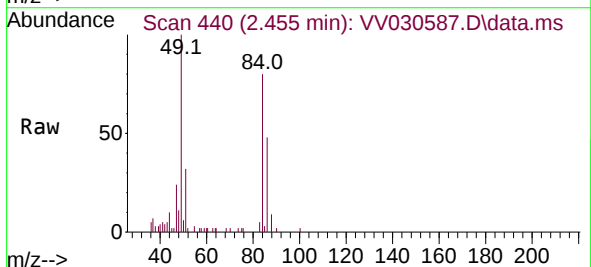
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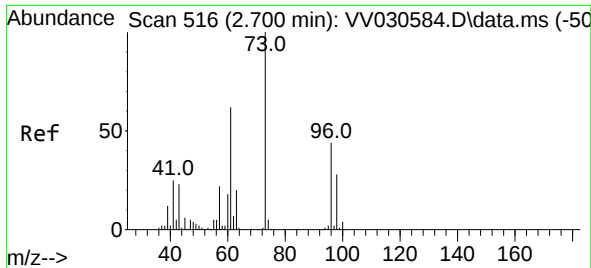
Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5



#16
Methylene chloride
Concen: 3.513 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 84 Resp: 7361
Ion Ratio Lower Upper
84 100
86 59.4 45.4 84.2
49 124.4 90.4 168.0

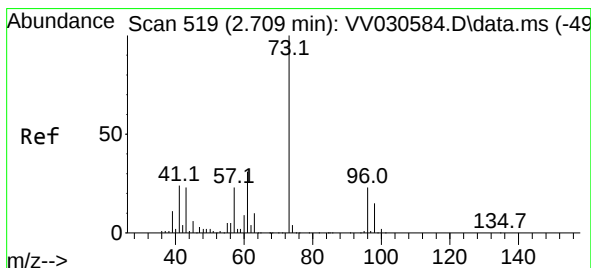
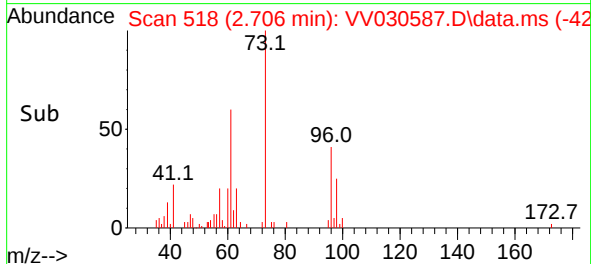
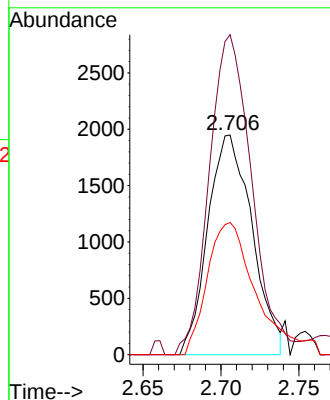
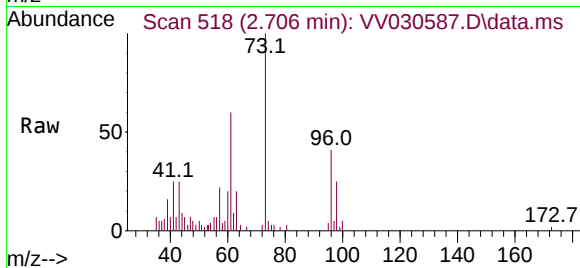




#17
trans-1,2-Dichloroethene
Concen: 2.079 ug/L
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

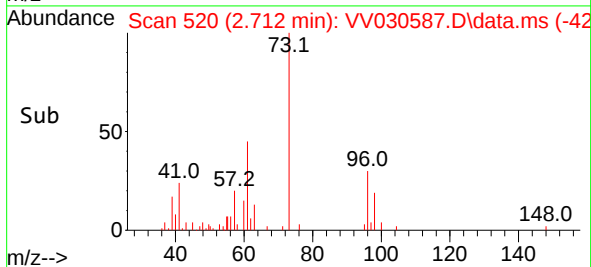
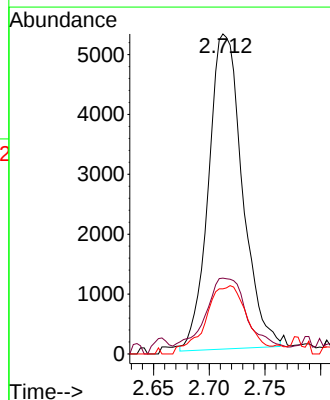
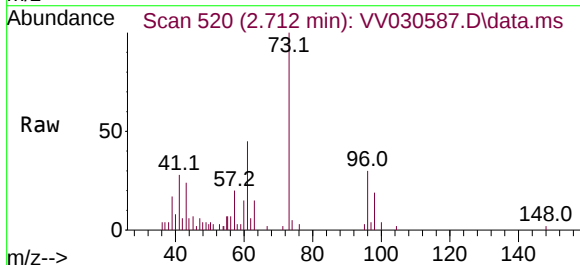
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

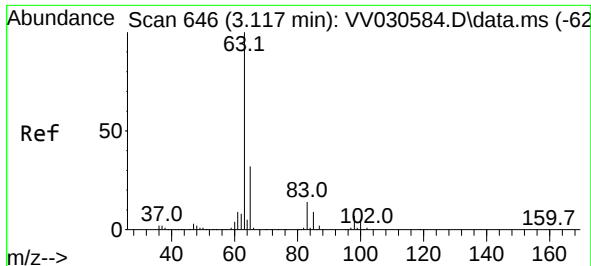
Tgt Ion: 96 Resp: 3843
Ion Ratio Lower Upper
96 100
61 145.7 101.0 187.6
98 60.1 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 1.879 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 73 Resp: 11124
Ion Ratio Lower Upper
73 100
43 28.2 17.6 26.4#
57 26.4 18.2 27.2





#19

1,1-Dichloroethane

Concen: 2.179 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030587.D

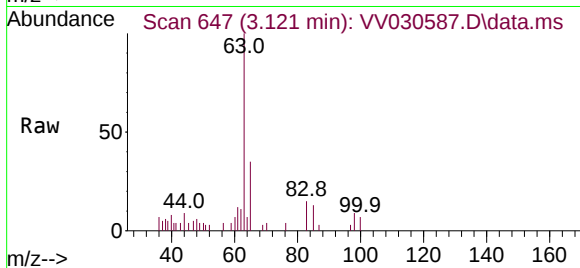
Acq: 17 Apr 2023 14:36

Instrument :

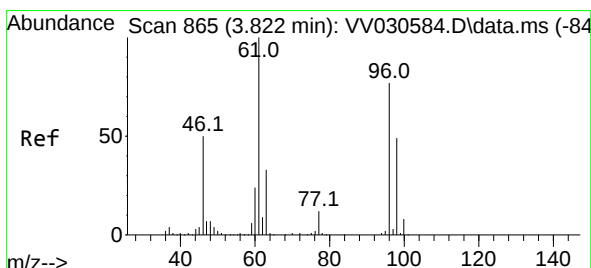
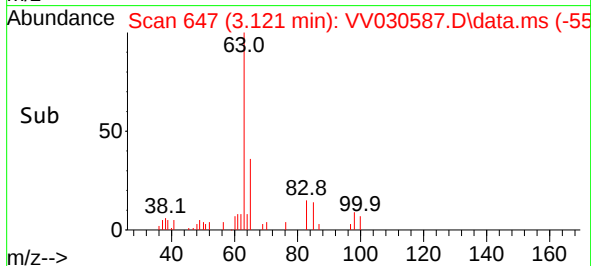
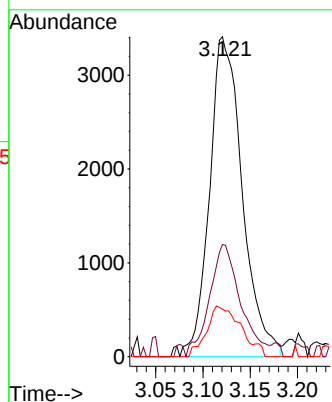
MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:	63	Resp:	8211
Ion	Ratio	Lower	Upper
63	100		
65	35.1	21.8	40.6
83	14.8	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 0.736 ug/L

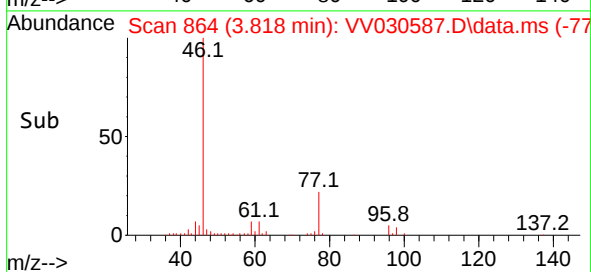
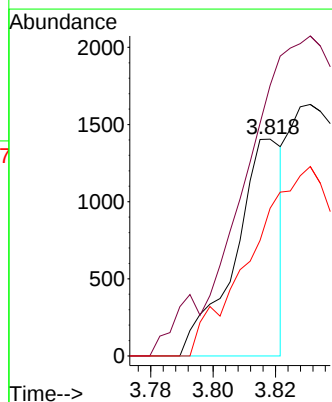
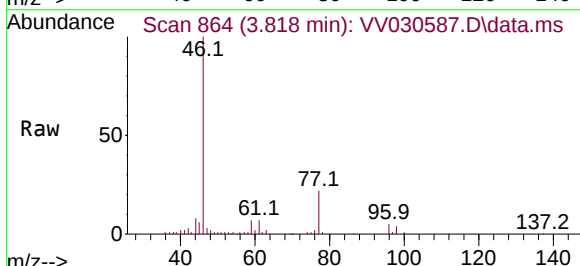
RT: 3.818 min Scan# 864

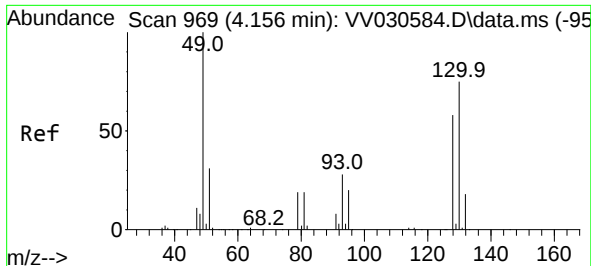
Delta R.T. -0.003 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Tgt Ion:	96	Resp:	1480
Ion	Ratio	Lower	Upper
96	100		
61	124.8	92.3	171.3
98	68.1	45.9	85.3





#23

Bromochloromethane

Concen: 2.019 ug/L

RT: 4.166 min Scan# 91

Delta R.T. 0.010 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:128 Resp: 2267

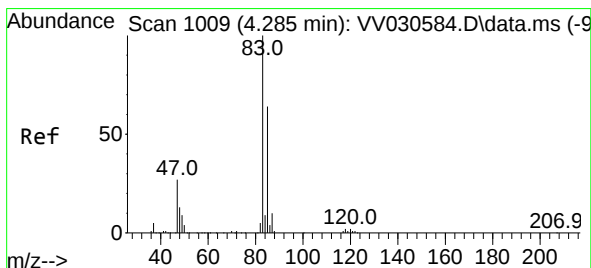
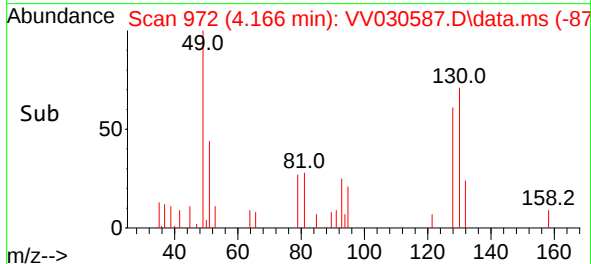
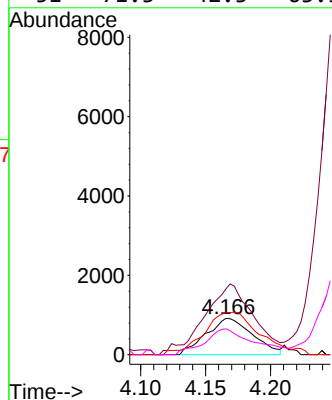
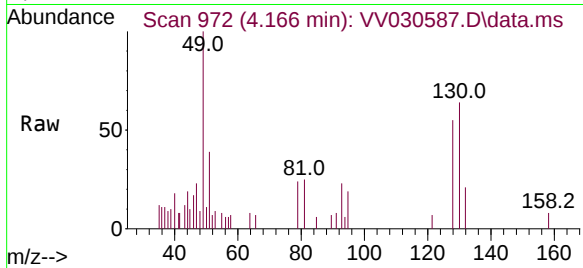
Ion Ratio Lower Upper

128 100

49 181.8 114.7 213.1

130 116.3 89.0 165.2

51 71.3 42.3 63.5#



#25

Chloroform

Concen: 2.103 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.003 min

Lab File: VV030587.D

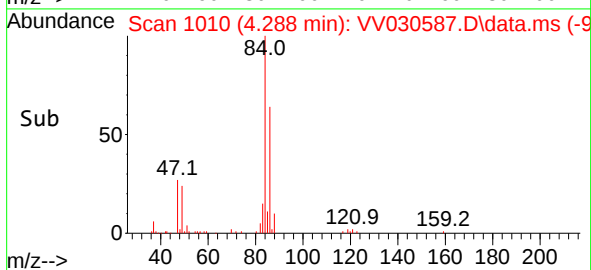
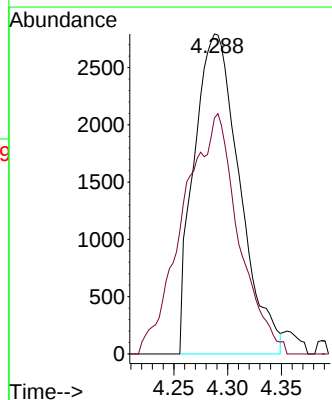
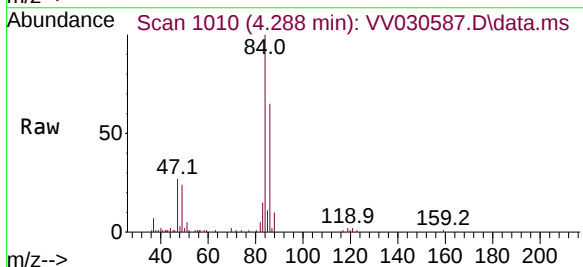
Acq: 17 Apr 2023 14:36

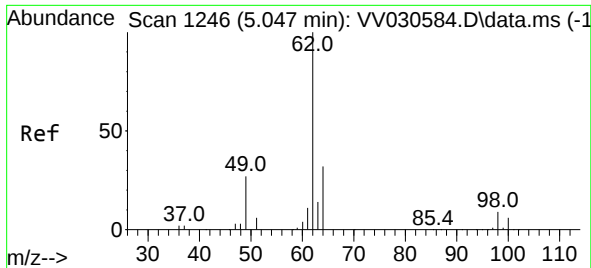
Tgt Ion: 83 Resp: 8204

Ion Ratio Lower Upper

83 100

85 73.7 45.8 85.2

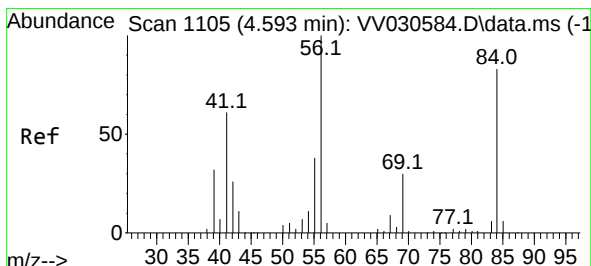
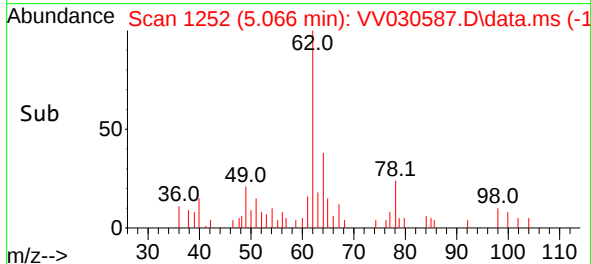
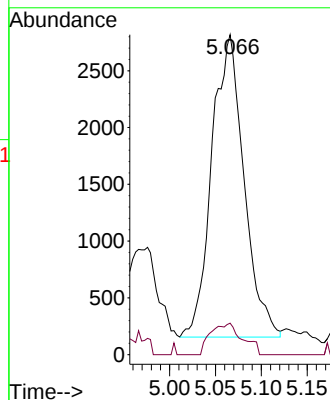
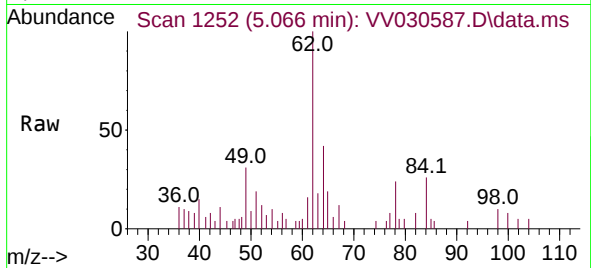




#27
1,2-Dichloroethane
Concen: 1.966 ug/L
RT: 5.066 min Scan# 1105
Delta R.T. 0.019 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

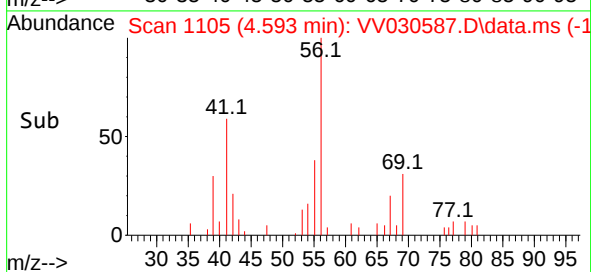
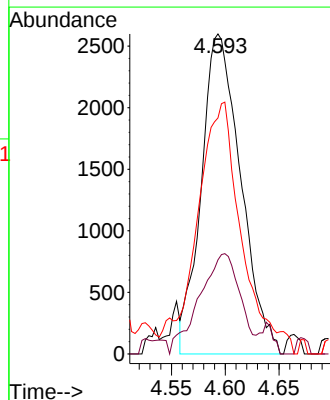
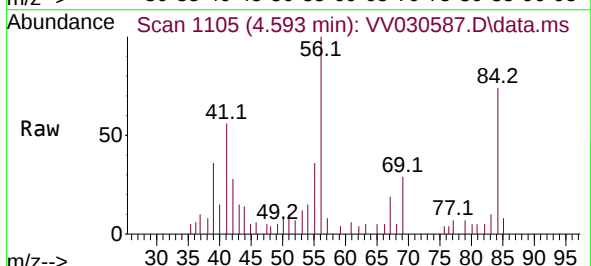
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

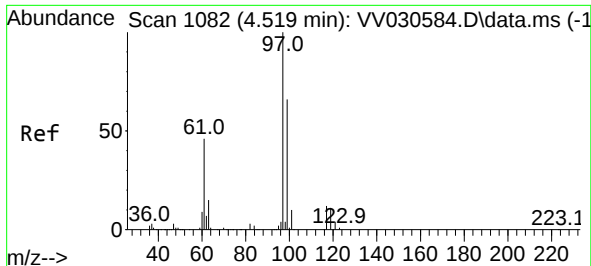
Tgt Ion: 62 Resp: 6491
Ion Ratio Lower Upper
62 100
98 9.8 6.4 9.6#



#29
Cyclohexane
Concen: 2.186 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 56 Resp: 6640
Ion Ratio Lower Upper
56 100
69 32.4 24.0 36.0
84 68.4 68.2 102.2

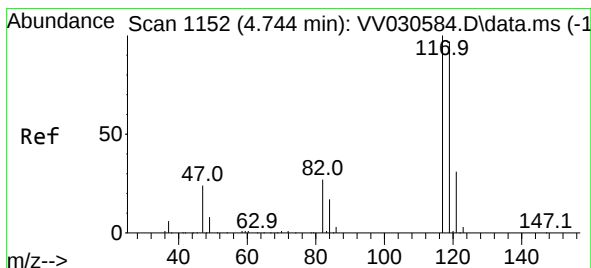
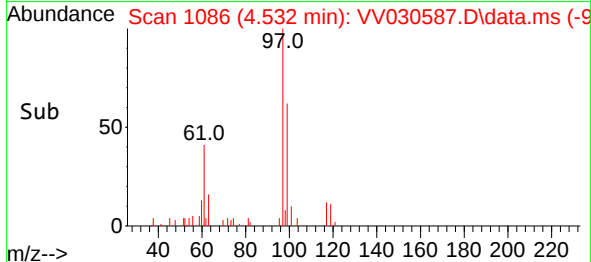
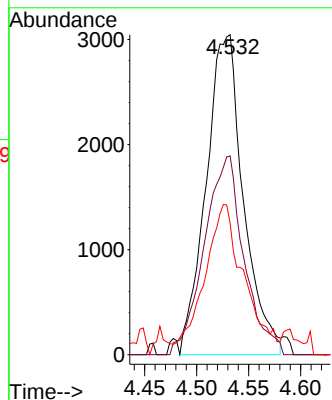
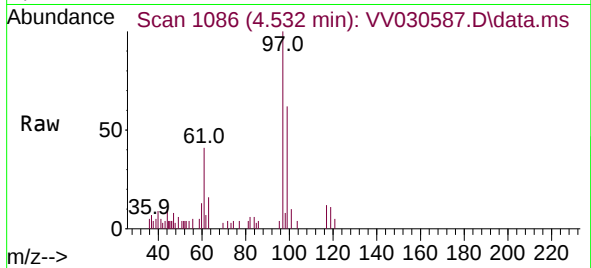




#30
1,1,1-Trichloroethane
Concen: 2.145 ug/L
RT: 4.532 min Scan# 1086
Delta R.T. 0.013 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

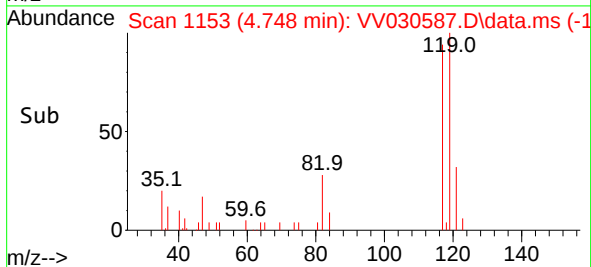
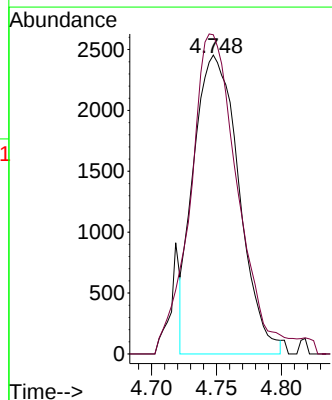
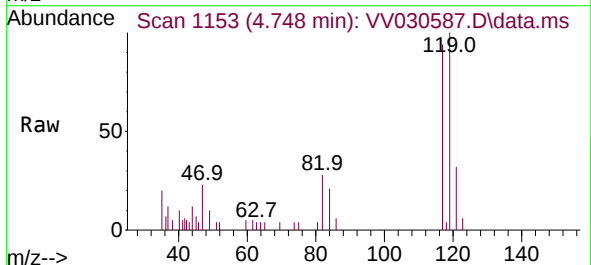
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

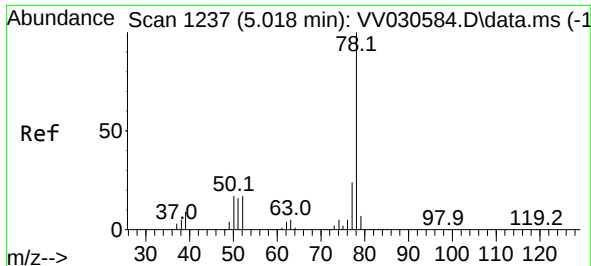
Tgt Ion: 97 Resp: 7630
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.0
61 31.8 37.0 55.6#



#31
Carbon tetrachloride
Concen: 1.869 ug/L
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 117 Resp: 5943
Ion Ratio Lower Upper
117 100
119 111.8 75.9 113.9

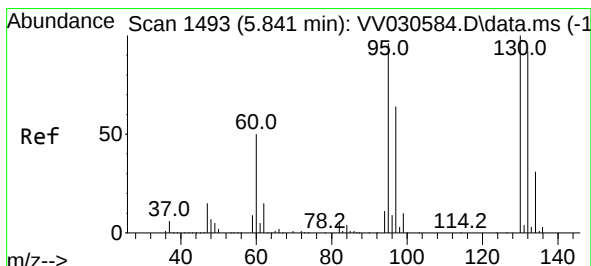
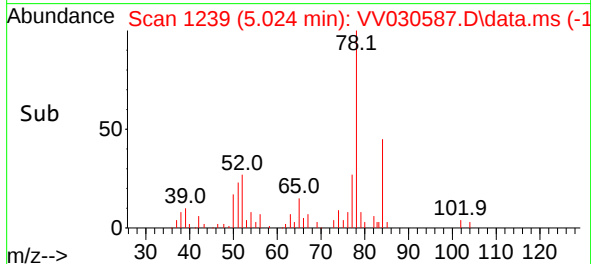
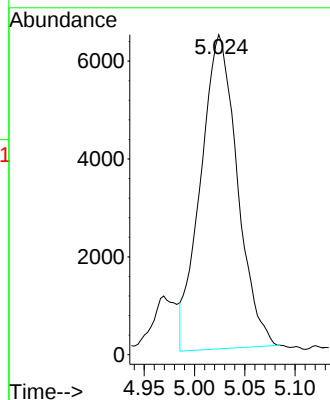
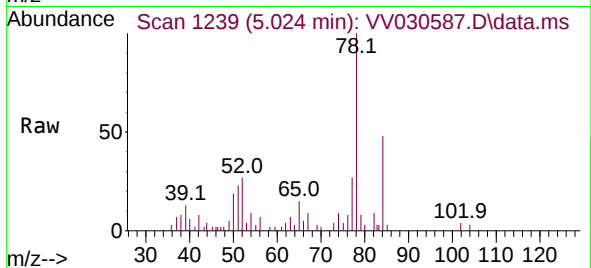




#33
Benzene
Concen: 2.116 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

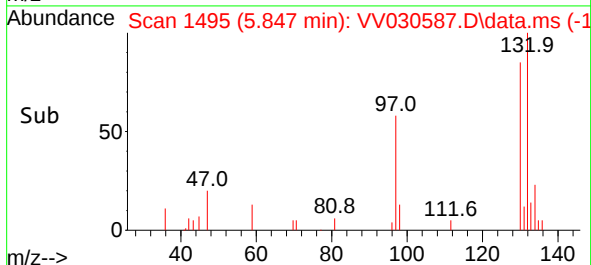
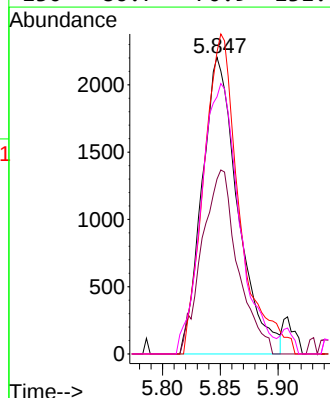
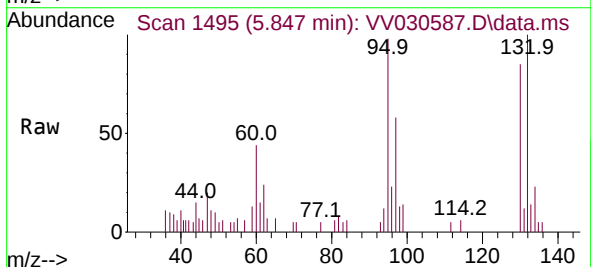
Tgt Ion: 78 Resp: 16266

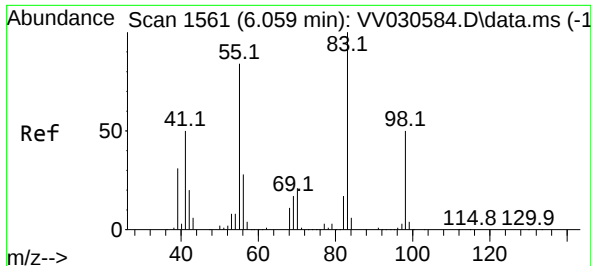


#34
Trichloroethene
Concen: 2.377 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 95 Resp: 4752

Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.8	85.2
132	101.8	70.6	131.2
130	86.7	70.9	131.7





#35

Methylcyclohexane

Concen: 2.196 ug/L

RT: 6.063 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

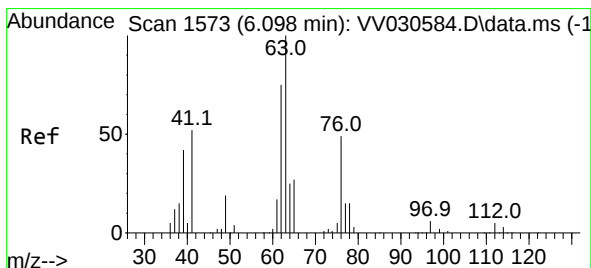
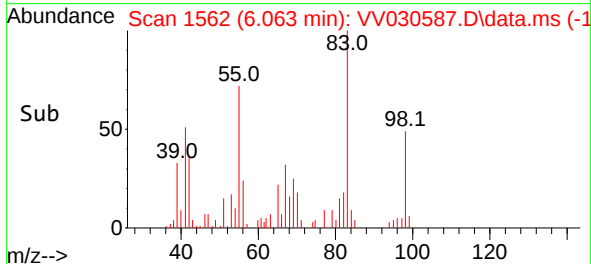
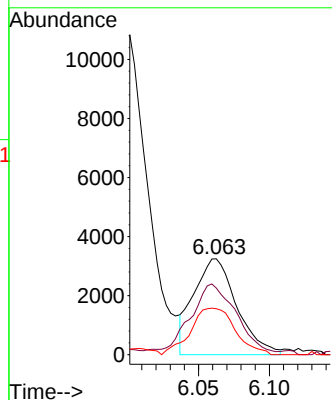
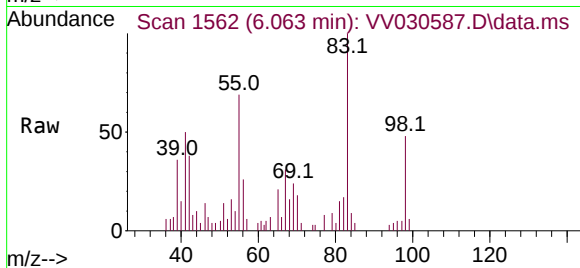
Tgt Ion: 83 Resp: 6881

Ion Ratio Lower Upper

83 100

55 74.7 65.5 98.3

98 50.1 38.7 58.1



#37

1,2-Dichloropropane

Concen: 2.376 ug/L

RT: 6.108 min Scan# 1576

Delta R.T. 0.010 min

Lab File: VV030587.D

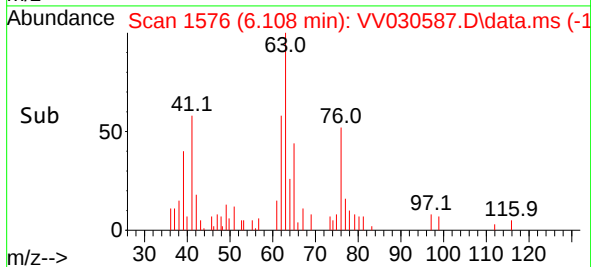
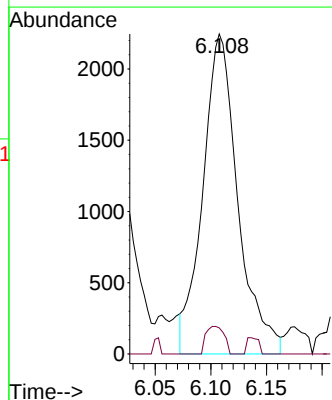
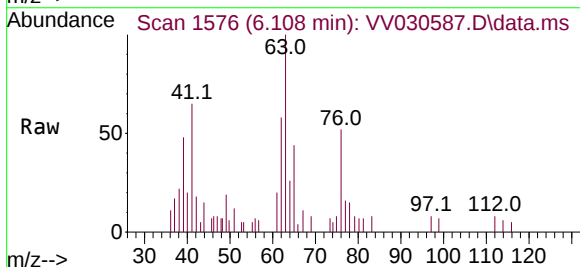
Acq: 17 Apr 2023 14:36

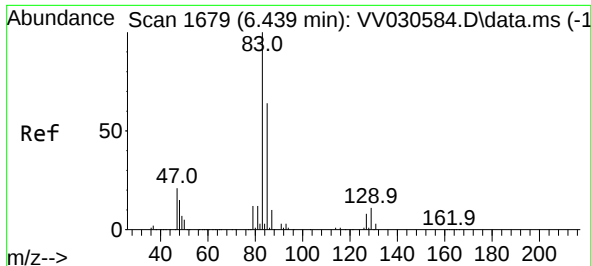
Tgt Ion: 63 Resp: 4915

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8

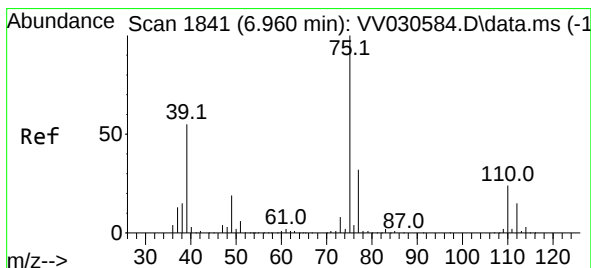
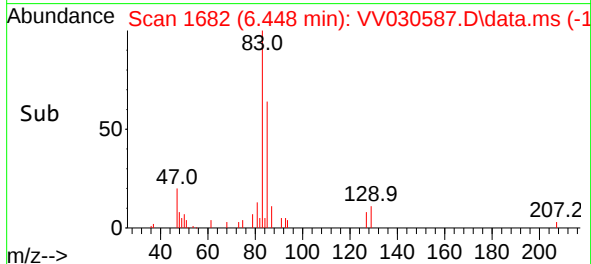
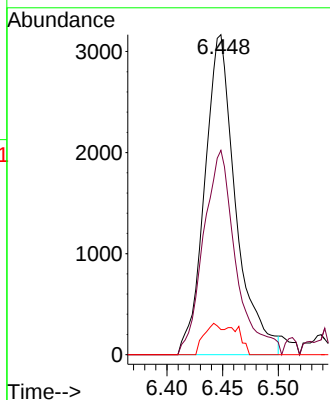
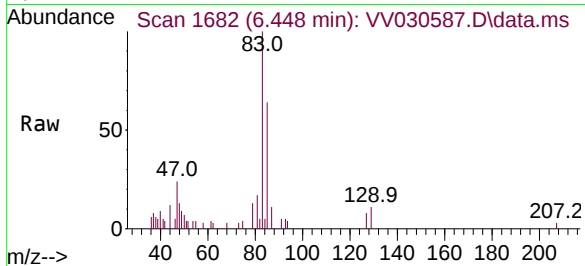




#38
Bromodichloromethane
Concen: 2.114 ug/L
RT: 6.448 min Scan# 1682
Delta R.T. 0.010 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

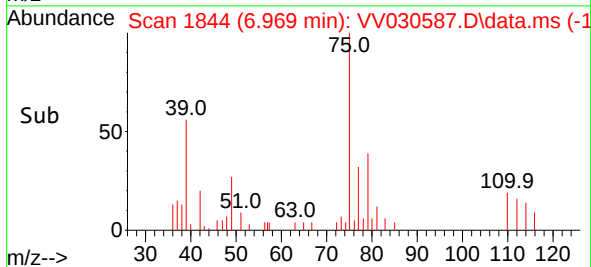
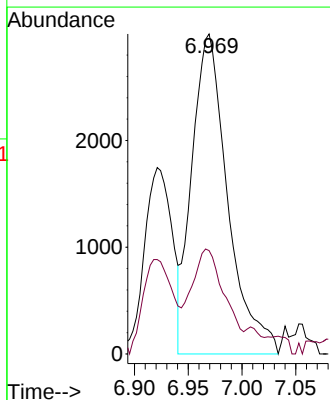
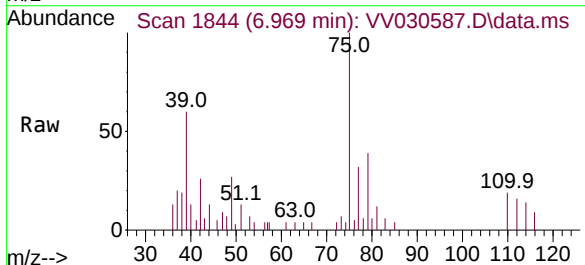
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

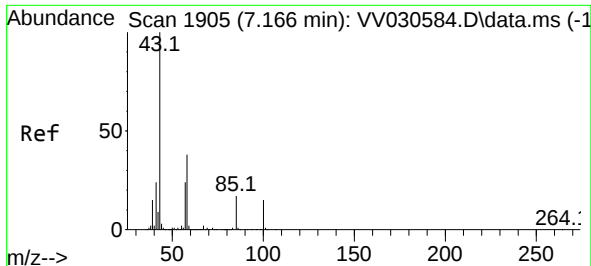
Tgt Ion:	83	Resp:	6144
Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.4	84.4
127	7.8	7.0	10.4



#39
cis-1,3-Dichloropropene
Concen: 2.244 ug/L
RT: 6.969 min Scan# 1844
Delta R.T. 0.010 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:	75	Resp:	6967
Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.0	40.8





#40

4-Methyl-2-pentanone

Concen: 3.541 ug/L

RT: 7.175 min Scan# 1905

Delta R.T. 0.010 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

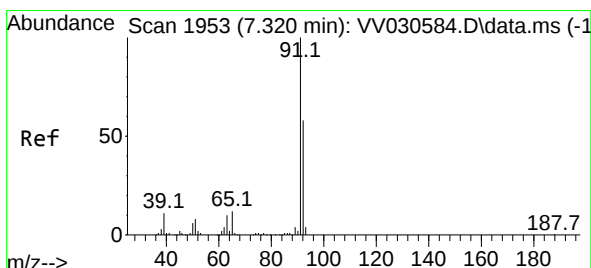
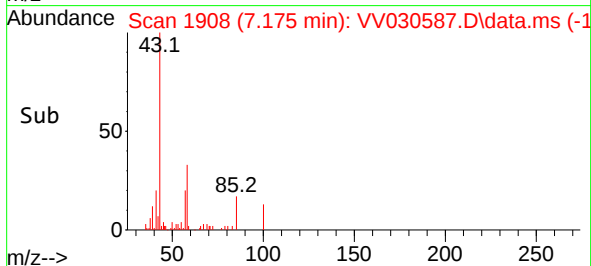
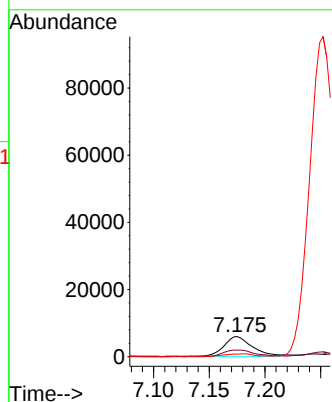
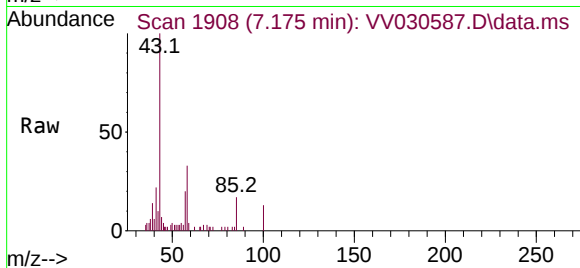
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:	43	Resp:	10234
Ion	Ratio	Lower	Upper
43	100		
58	38.1	29.2	43.8
100	16.4	11.3	16.9



#42

Toluene

Concen: 2.023 ug/L

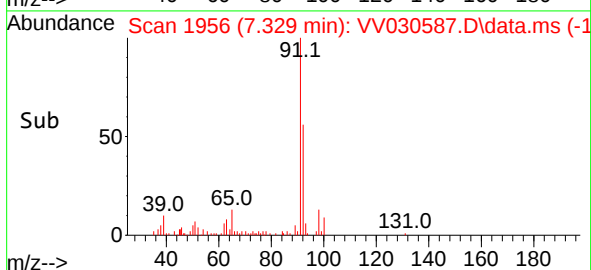
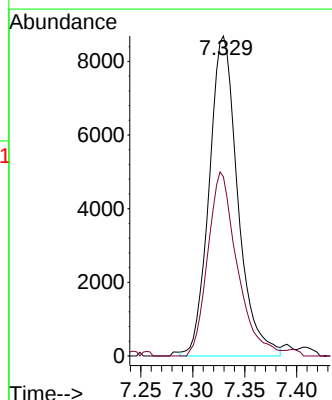
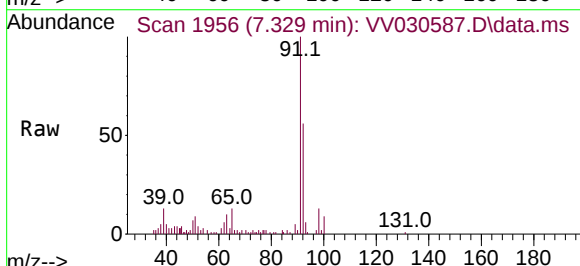
RT: 7.329 min Scan# 1956

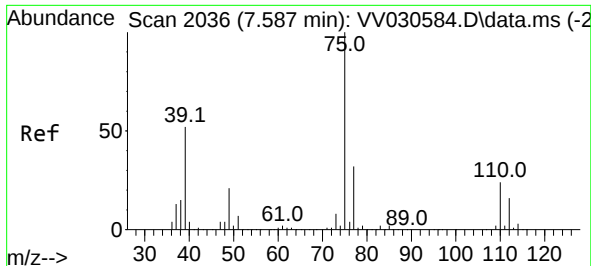
Delta R.T. 0.010 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Tgt Ion:	91	Resp:	16657
Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.8	73.8

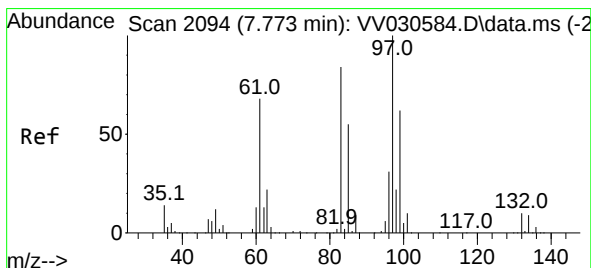
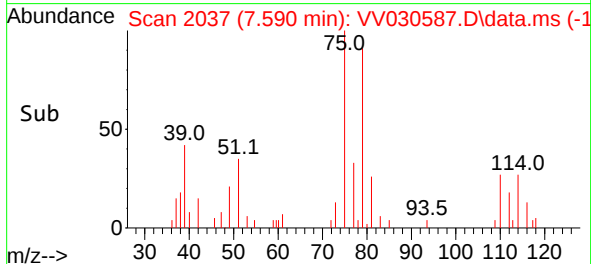
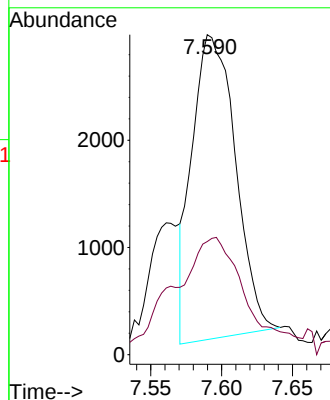
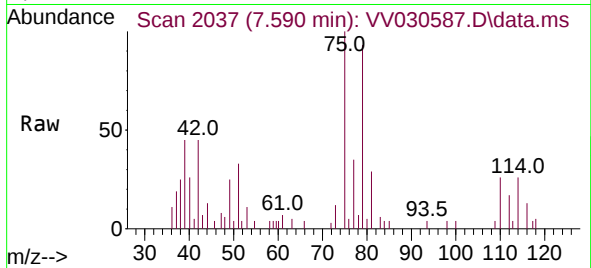




#44
trans-1,3-Dichloropropene
Concen: 1.974 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

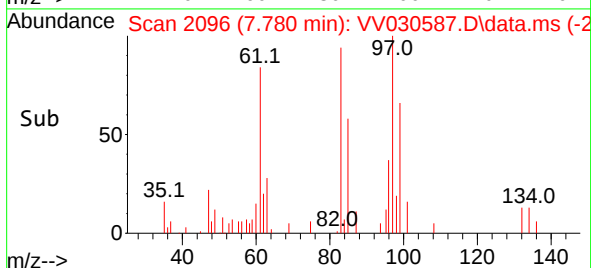
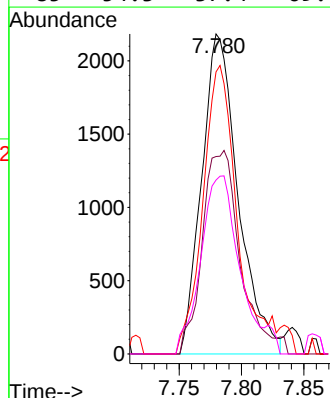
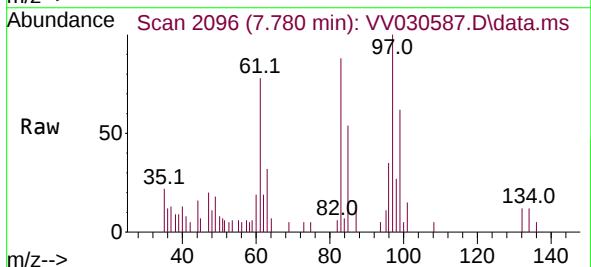
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

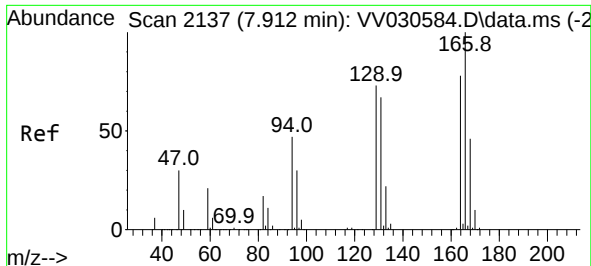
Tgt Ion: 75 Resp: 6021
Ion Ratio Lower Upper
75 100
77 35.3 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 2.144 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 97 Resp: 4448
Ion Ratio Lower Upper
97 100
99 61.7 43.8 81.4
83 88.1 59.6 110.6
85 54.3 37.4 69.4





#46

Tetrachloroethene

Concen: 2.242 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:164 Resp: 3924

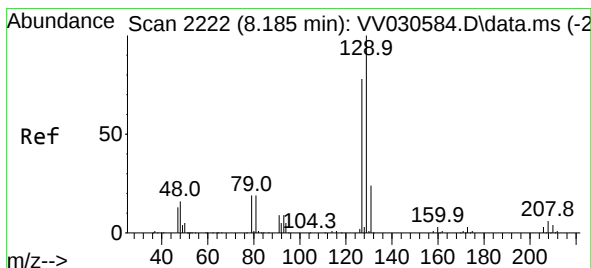
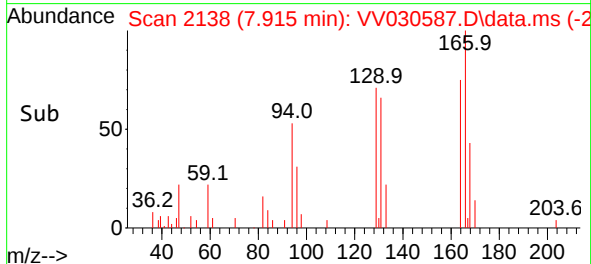
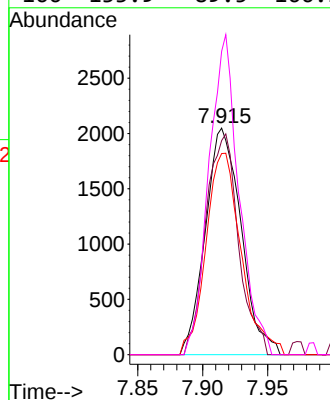
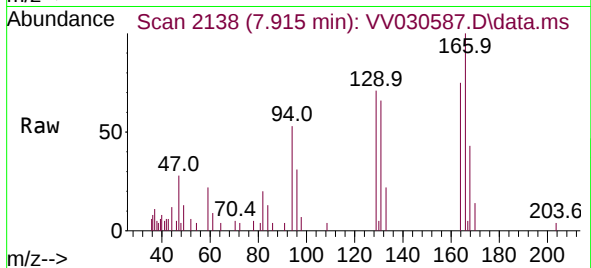
Ion Ratio Lower Upper

164 100

129 94.5 63.8 118.6

131 88.8 60.3 111.9

166 133.9 89.5 166.1



#49

Dibromochloromethane

Concen: 2.072 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. -0.000 min

Lab File: VV030587.D

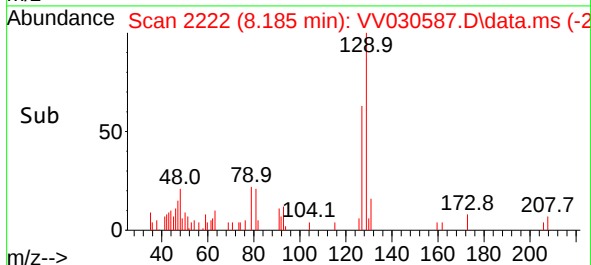
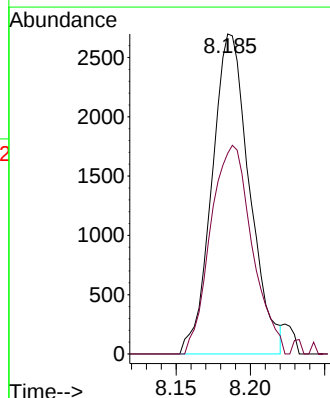
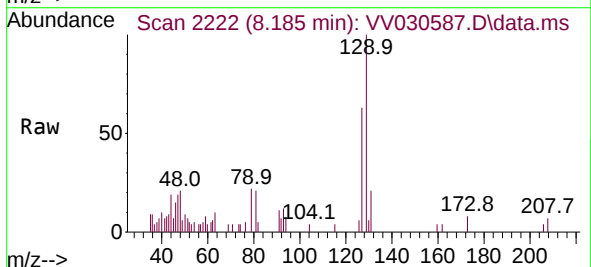
Acq: 17 Apr 2023 14:36

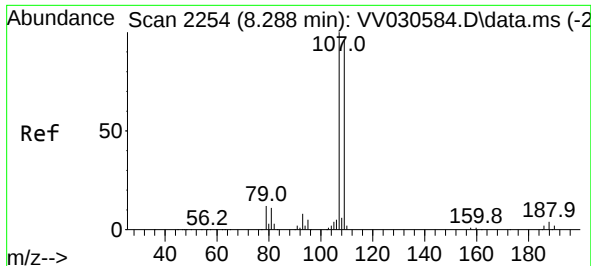
Tgt Ion:129 Resp: 4742

Ion Ratio Lower Upper

129 100

127 62.7 52.8 98.2

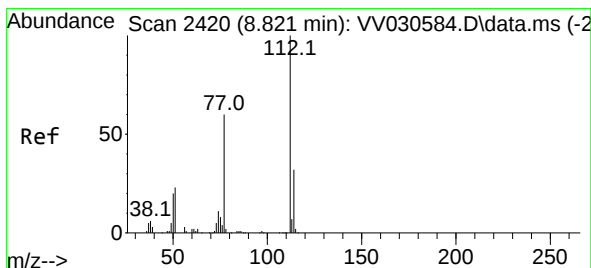
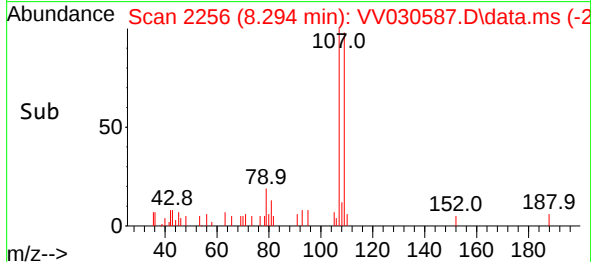
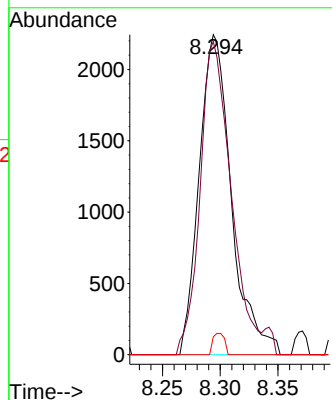
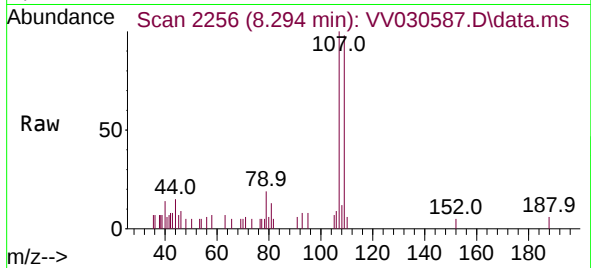




#50
1,2-Dibromoethane
Concen: 2.031 ug/L
RT: 8.294 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

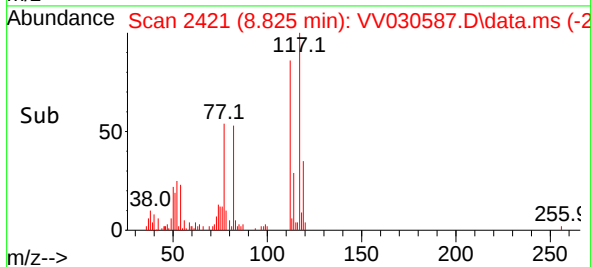
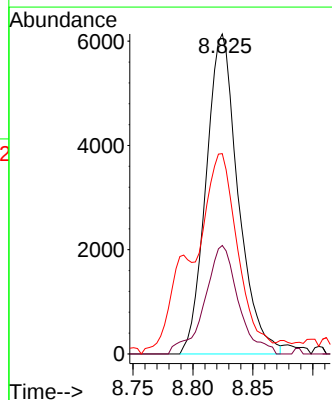
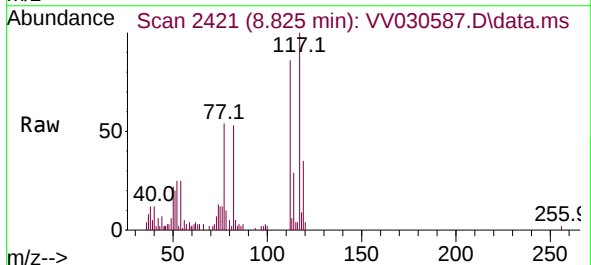
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

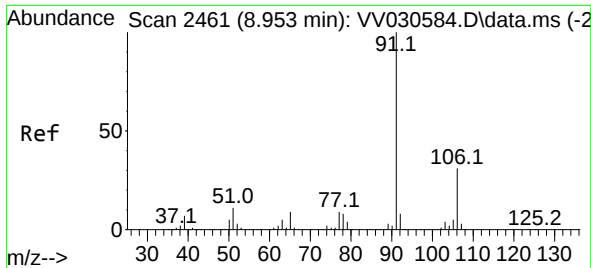
Tgt Ion:107 Resp: 4366
Ion Ratio Lower Upper
107 100
109 97.8 65.7 121.9
188 5.6 3.2 4.8#



#51
Chlorobenzene
Concen: 2.093 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:112 Resp: 11414
Ion Ratio Lower Upper
112 100
114 33.9 22.4 41.6
77 62.6 47.4 71.0

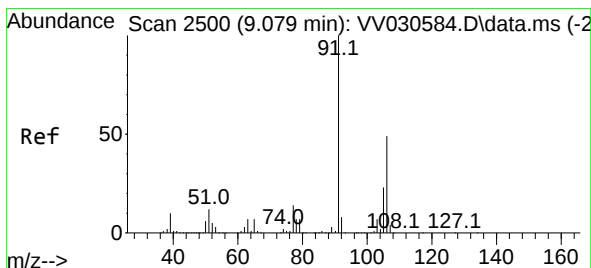
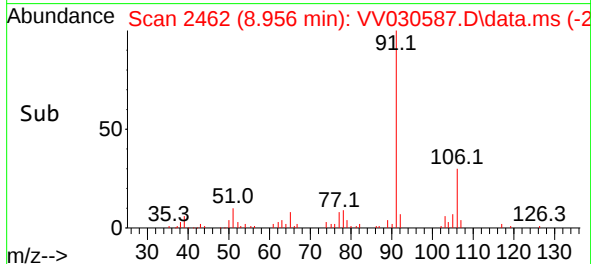
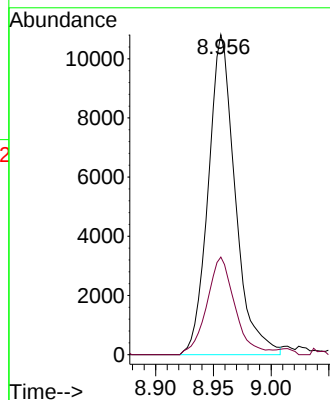
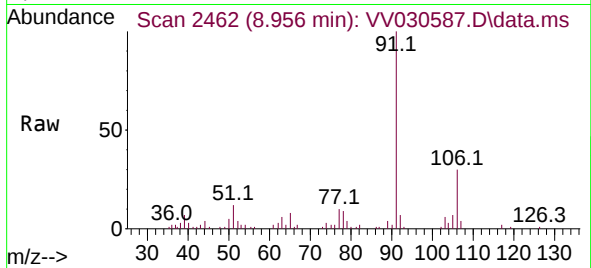




#52
Ethylbenzene
Concen: 1.926 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

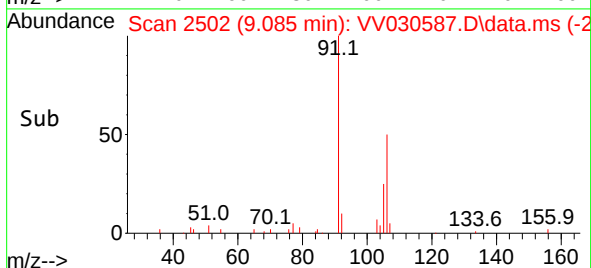
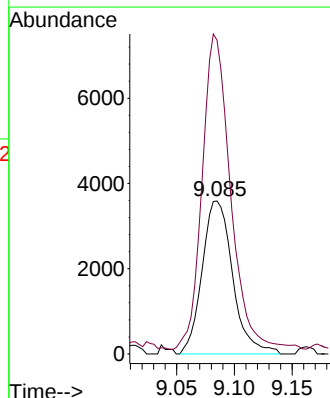
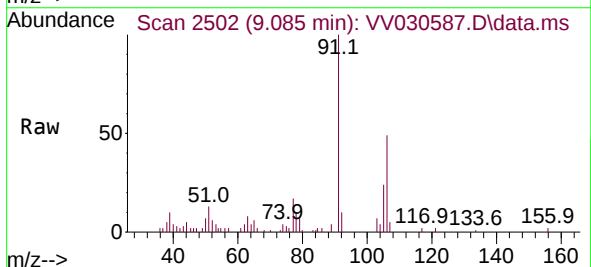
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

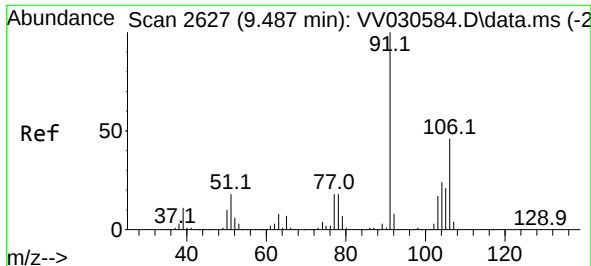
Tgt Ion: 91 Resp: 17555
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.4



#53
m,p-Xylene
Concen: 1.919 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 106 Resp: 6607
Ion Ratio Lower Upper
106 100
91 205.1 144.7 268.7

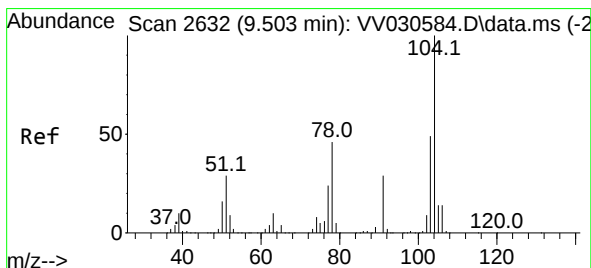
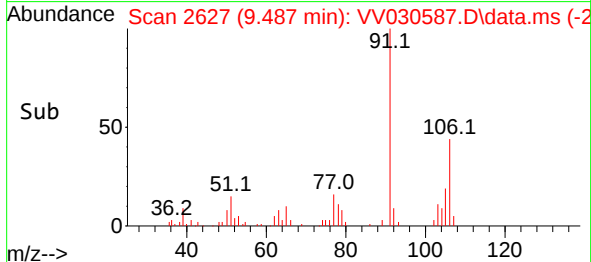
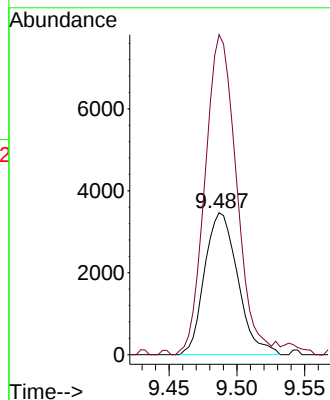
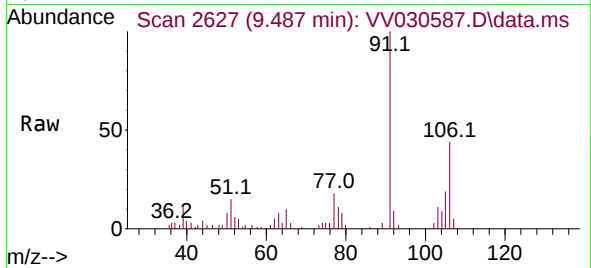




#54
o-Xylene
Concen: 1.752 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

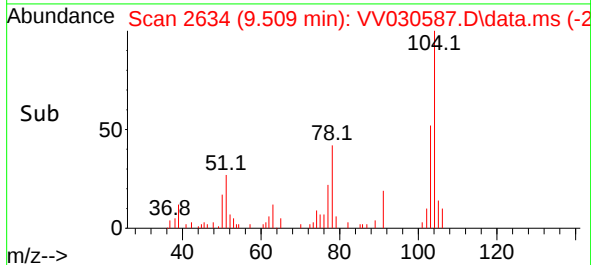
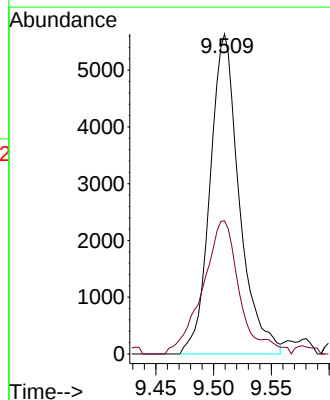
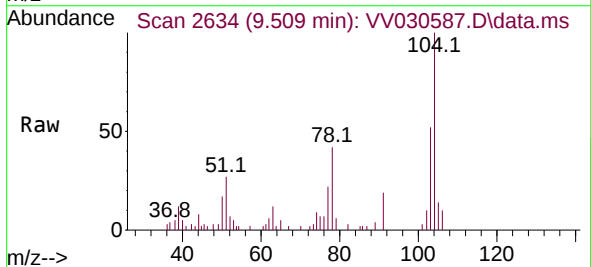
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

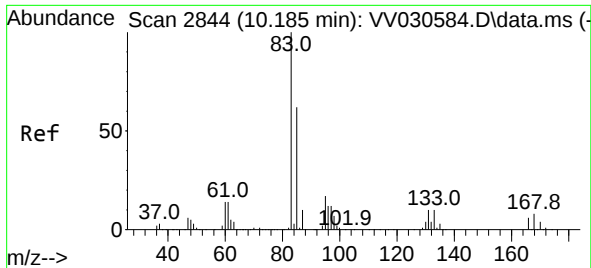
Tgt Ion:106 Resp: 5902
Ion Ratio Lower Upper
106 100
91 225.4 152.6 283.4



#55
Styrene
Concen: 1.677 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:104 Resp: 9921
Ion Ratio Lower Upper
104 100
78 41.6 32.3 59.9

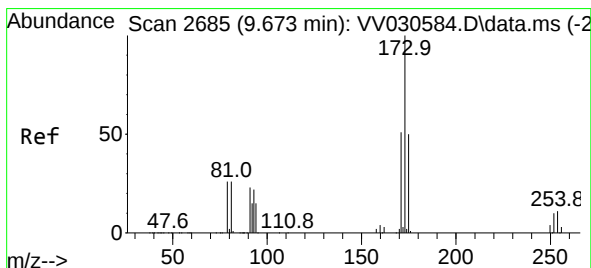
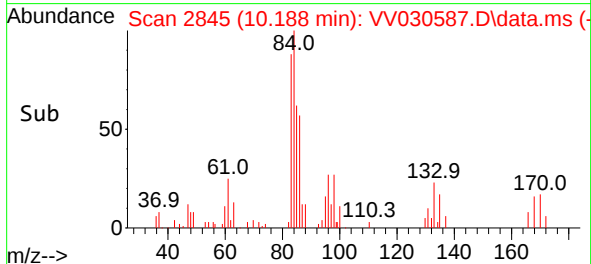
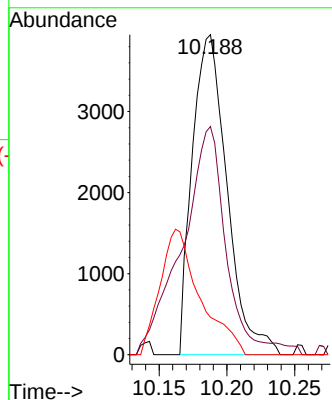
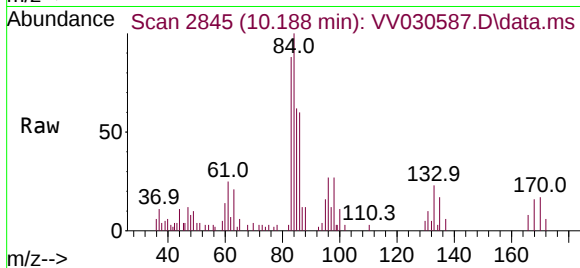




#57
1,1,2-Tetrachloroethane
Concen: 2.064 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

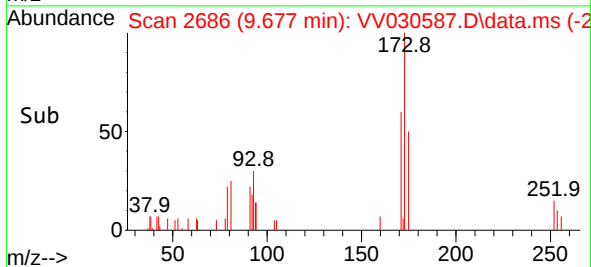
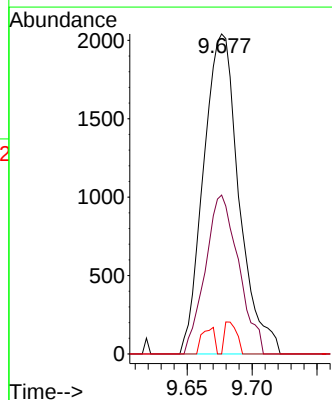
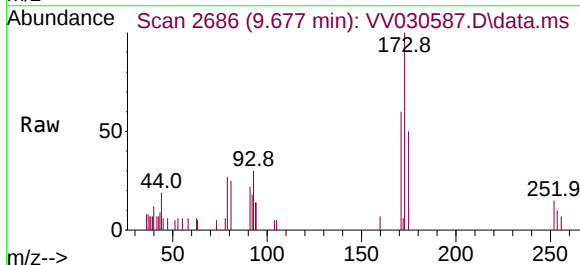
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-03

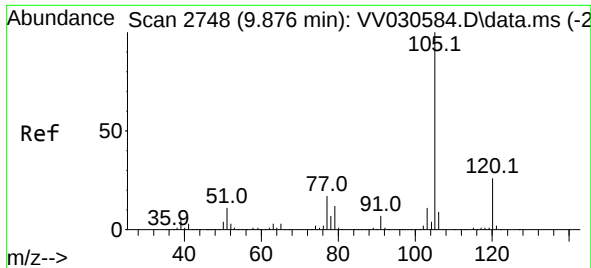
Tgt Ion: 83 Resp: 7030
Ion Ratio Lower Upper
83 100
85 71.3 45.1 83.7
131 11.7 8.0 12.0



#59
Bromoform
Concen: 2.426 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 173 Resp: 3880
Ion Ratio Lower Upper
173 100
175 46.6 38.8 58.2
254 3.4 8.2 12.4

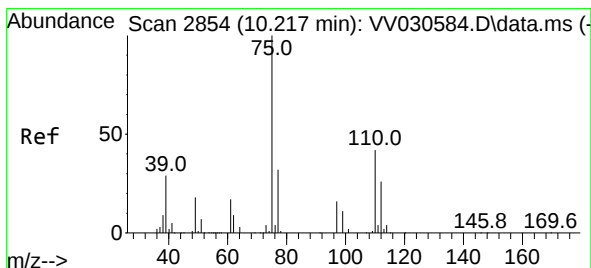
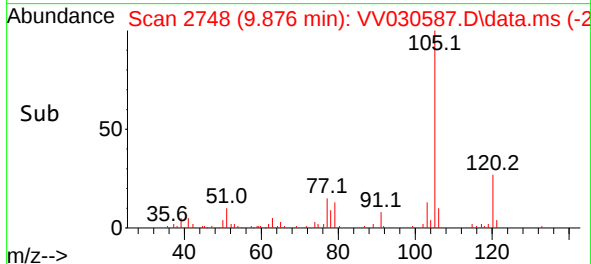
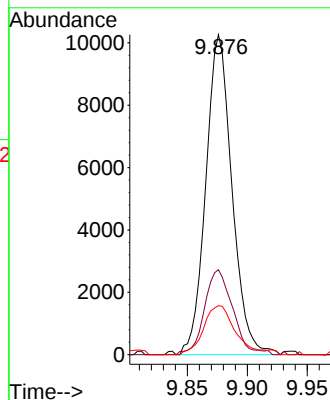
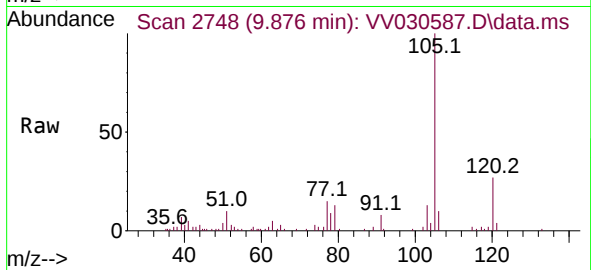




#60
Isopropylbenzene
Concen: 1.960 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

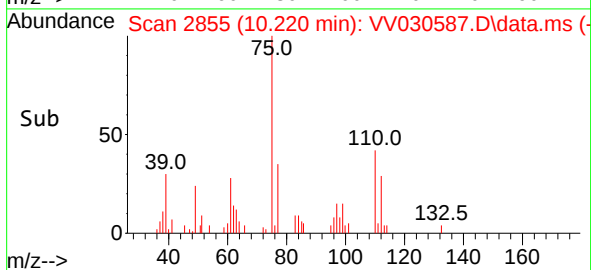
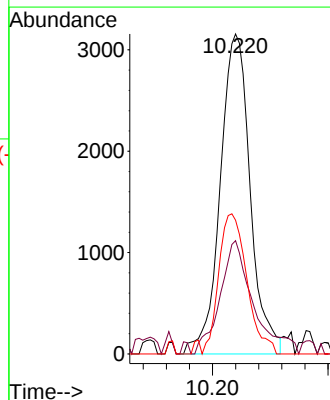
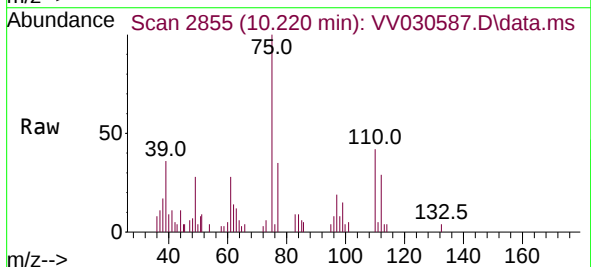
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

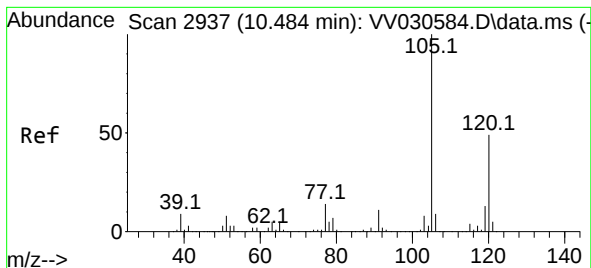
Tgt Ion:105 Resp: 15618
Ion Ratio Lower Upper
105 100
120 28.0 20.9 31.3
77 18.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 2.488 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion: 75 Resp: 5694
Ion Ratio Lower Upper
75 100
77 39.3 25.7 38.5#
110 41.1 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 1.874 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

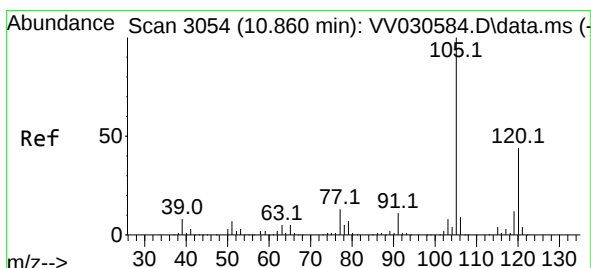
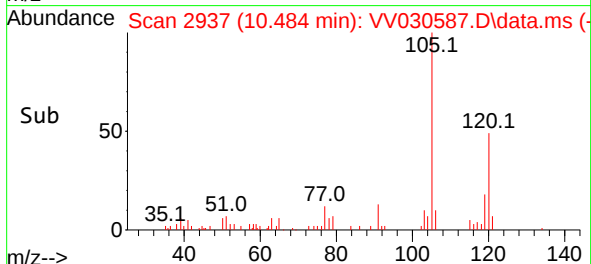
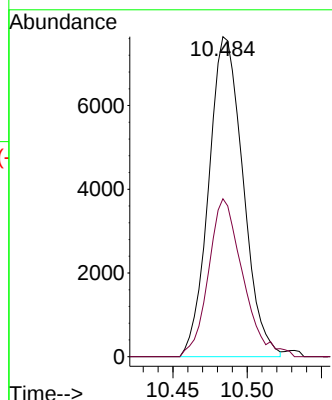
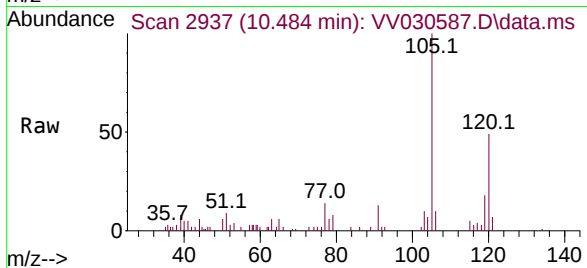
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 12295

Ion Ratio Lower Upper

105 100

120 48.6 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 1.973 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VV030587.D

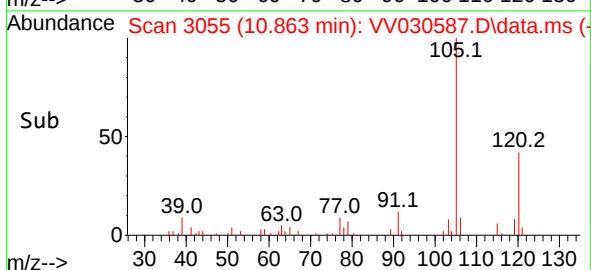
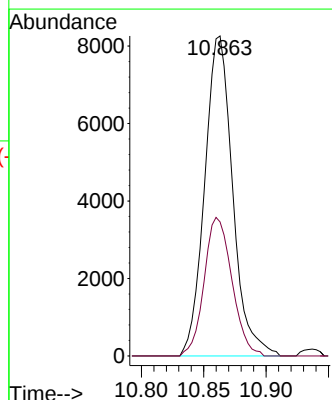
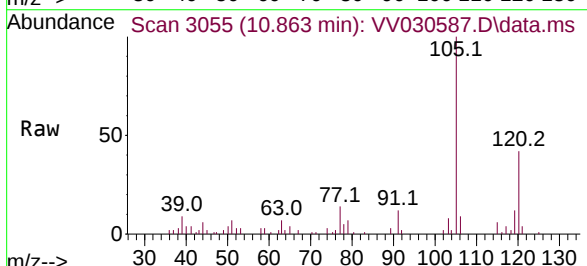
Acq: 17 Apr 2023 14:36

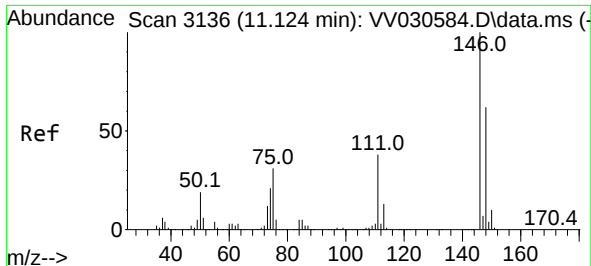
Tgt Ion:105 Resp: 12924

Ion Ratio Lower Upper

105 100

120 43.0 36.2 54.4

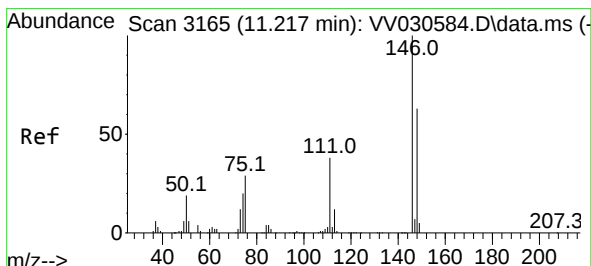
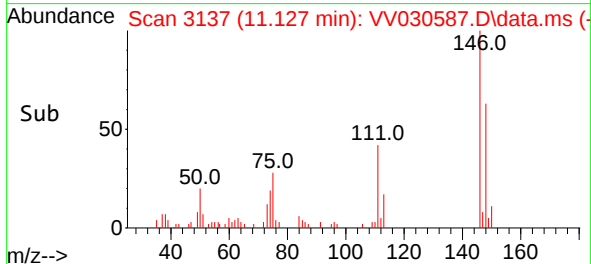
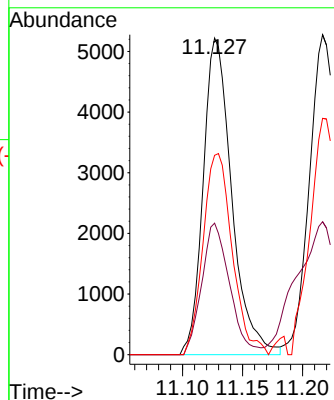
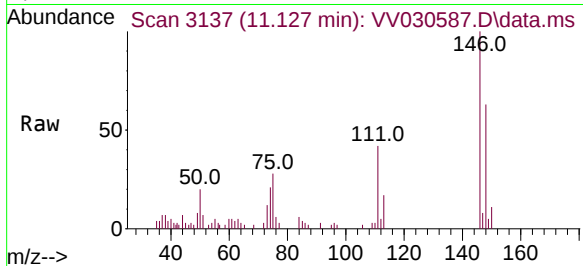




#64
1,3-Dichlorobenzene
Concen: 2.173 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

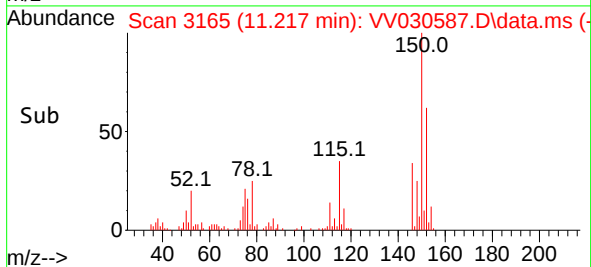
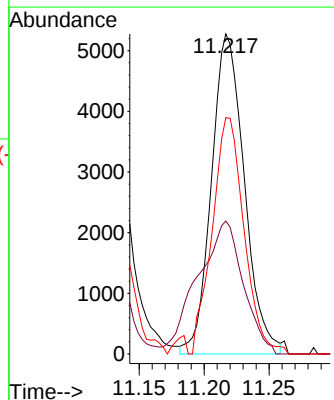
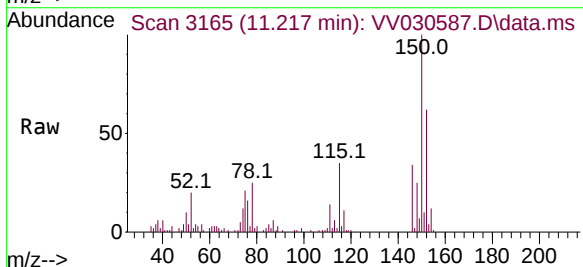
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

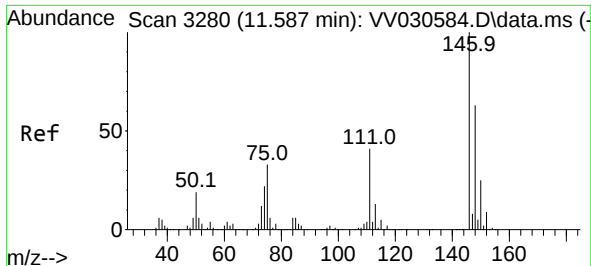
Tgt Ion:146 Resp: 8668
Ion Ratio Lower Upper
146 100
111 41.5 27.0 50.2
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 2.205 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:146 Resp: 9277
Ion Ratio Lower Upper
146 100
111 41.5 26.5 49.1
148 73.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 2.330 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030587.D

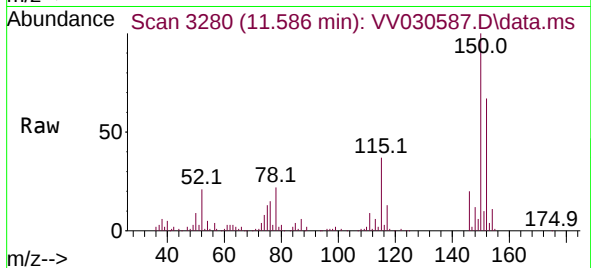
Acq: 17 Apr 2023 14:36

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-03



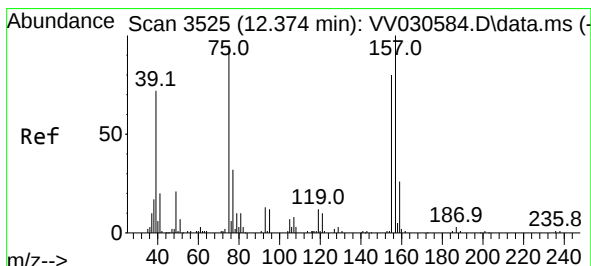
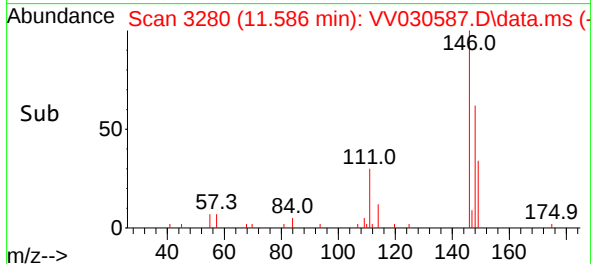
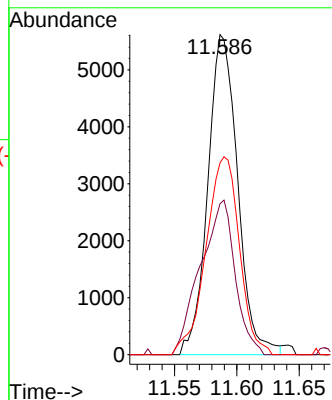
Tgt Ion:146 Resp: 9375

Ion Ratio Lower Upper

146 100

111 47.2 32.0 48.0

148 60.0 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.705 ug/L

RT: 12.377 min Scan# 3526

Delta R.T. 0.003 min

Lab File: VV030587.D

Acq: 17 Apr 2023 14:36

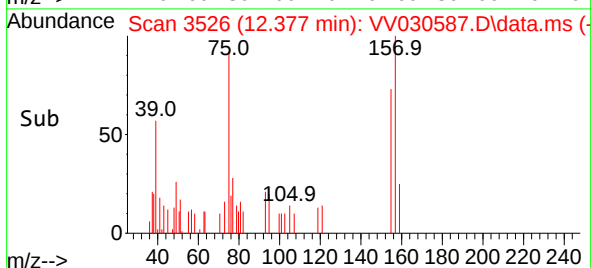
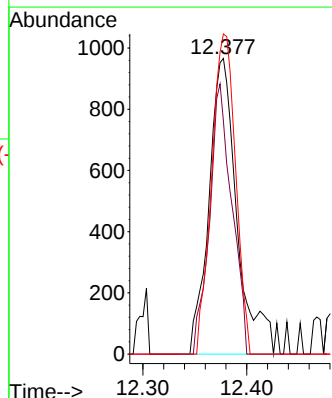
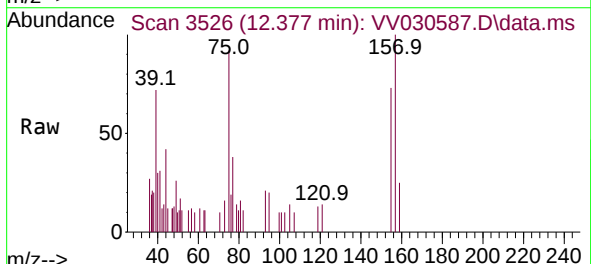
Tgt Ion: 75 Resp: 1834

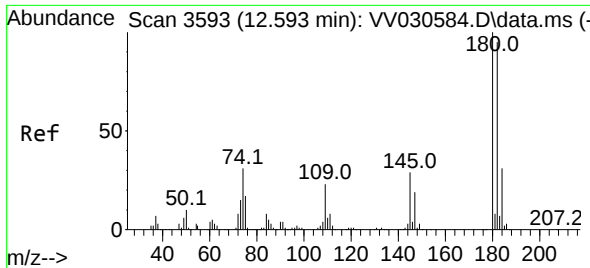
Ion Ratio Lower Upper

75 100

155 78.9 65.0 97.6

157 108.3 84.4 126.6

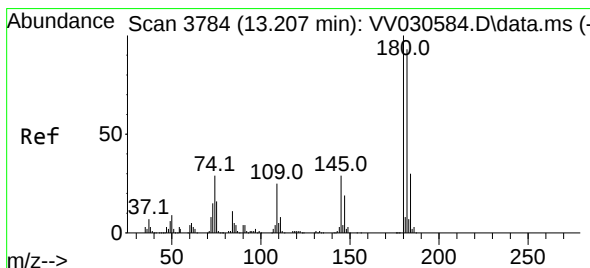
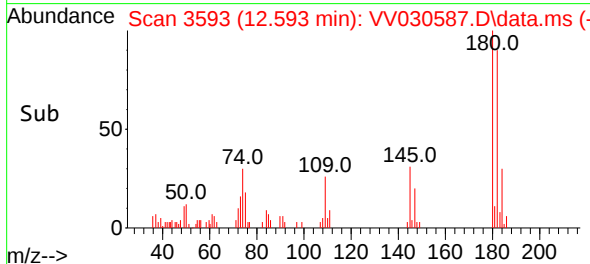
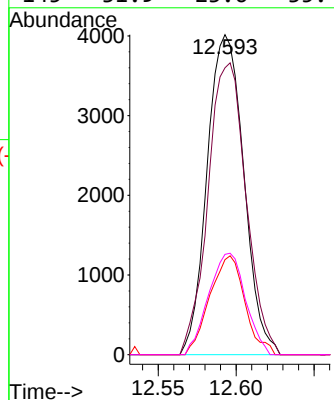
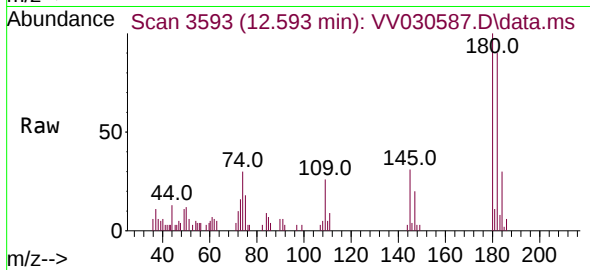




#69
1,3,5-Trichlorobenzene
Concen: 2.177 ug/L
RT: 12.593 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

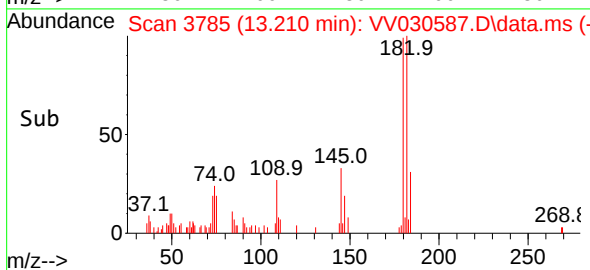
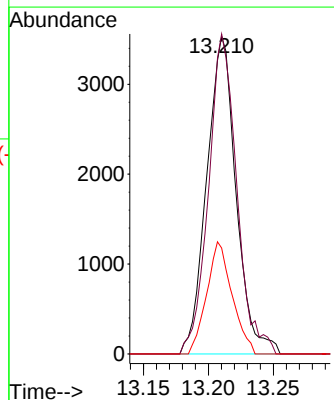
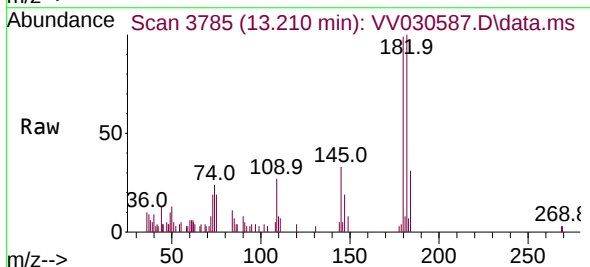
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

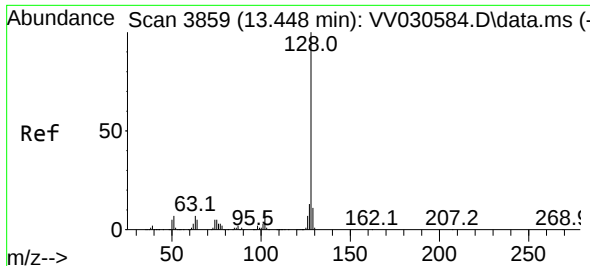
Tgt Ion:	180	Resp:	6560
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.4	114.6
184	29.6	24.1	36.1
145	31.9	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 2.170 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:	180	Resp:	5553
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.9	113.9
145	30.5	23.4	35.2

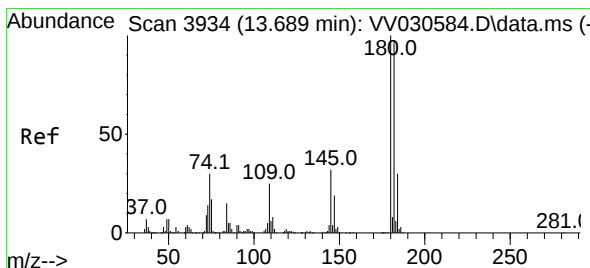
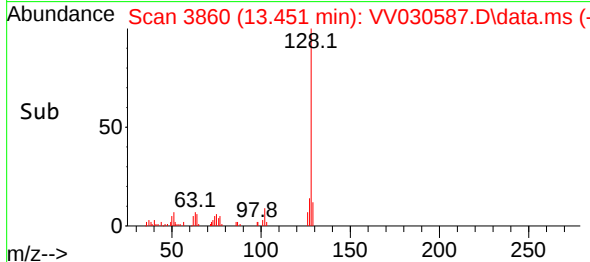
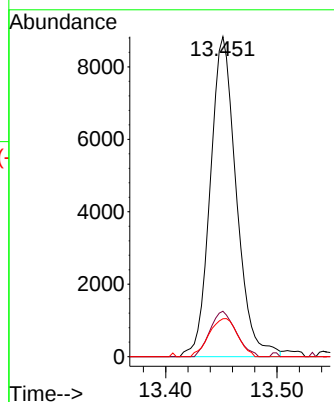
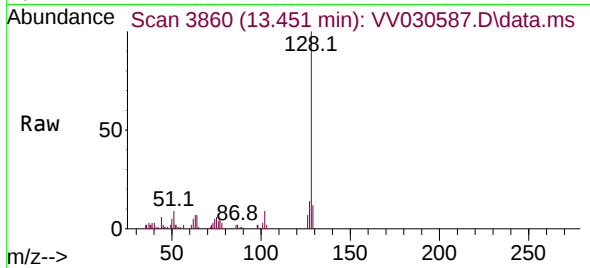




#71
Naphthalene
Concen: 2.055 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:128 Resp: 14383
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 13.0 8.6 13.0#



#72
1,2,3-Trichlorobenzene
Concen: 2.132 ug/L
RT: 13.692 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030587.D
Acq: 17 Apr 2023 14:36

Tgt Ion:180 Resp: 5410
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 35.5 25.1 37.7

