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 Data File : VW033908.D
 Acq On : 30 Jan 2024 11:42
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Jan 30 12:05:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	90858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33021	4.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	32501	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	16230	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.828	46	57542	44.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.420%
24) Chloroform-d	4.252	84	67357	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	33527	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.960	84	134933	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.989	67	39494	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.243	98	119918	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.561	79	13255	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.030	63	51751	50.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24105	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	43105	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1748	0.193	ug/L	99
3) Chloromethane	1.217	50	2156	0.218	ug/L	95
5) Vinyl chloride	1.285	62	2003	0.212	ug/L #	1
6) Bromomethane	1.491	94	972	0.195	ug/L	91
9) Trichlorofluoromethane	1.716	101	2844	0.209	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1778	0.250	ug/L #	85
12) 1,1-Dichloroethene	2.069	96	1764	0.255	ug/L #	1
14) Carbon disulfide	2.240	76	4451	0.199	ug/L #	94
16) Methylene chloride	2.449	84	1646	0.248	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	2922	0.206	ug/L #	91
18) trans-1,2-Dichloroethene	2.699	96	1346	0.191	ug/L	93
19) 1,1-Dichloroethane	3.121	63	2638	0.204	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	1527	0.191	ug/L	91
23) Bromochloromethane	4.159	128	423	0.152	ug/L #	52
27) 1,2-Dichloroethane	5.063	62	1400	0.187	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	2412	0.198	ug/L #	83
30) Cyclohexane	4.580	56	2302	0.194	ug/L #	86
31) Carbon tetrachloride	4.741	117	1965	0.184	ug/L	93
33) Benzene	5.021	78	6649	0.244	ug/L	100

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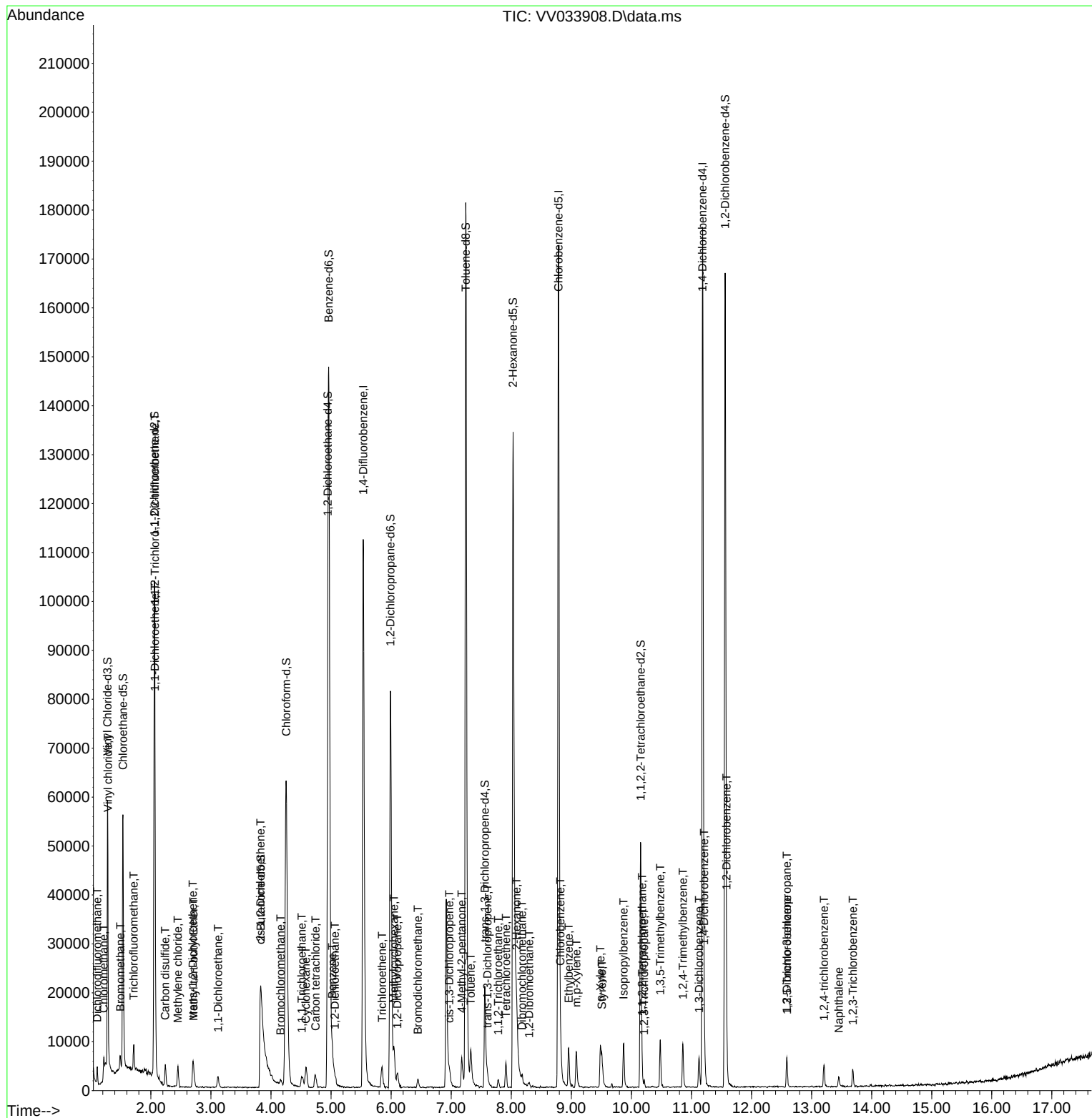
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.850	95	1525	0.193	ug/L	96
35) Methylcyclohexane	6.047	83	2837	0.229	ug/L #	87
37) 1,2-Dichloropropane	6.104	63	1251	0.190	ug/L #	87
38) Bromodichloromethane	6.445	83	1723	0.199	ug/L #	76
39) cis-1,3-Dichloropropene	6.969	75	2125	0.212	ug/L	97
40) 4-Methyl-2-pentanone	7.175	43	5095	1.612	ug/L #	87
42) Toluene	7.326	91	6343	0.218	ug/L	81
44) trans-1,3-Dichloropropene	7.606	75	1820	0.236	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	666	0.163	ug/L	91
47) Tetrachloroethene	7.912	164	1233	0.192	ug/L	92
48) 2-Hexanone	8.088	43	11150	5.004	ug/L #	95
49) Dibromochloromethane	8.178	129	936	0.193	ug/L	89
50) 1,2-Dibromoethane	8.297	107	696	0.190	ug/L #	79
51) Chlorobenzene	8.818	112	3725	0.202	ug/L #	83
52) Ethylbenzene	8.956	91	6447	0.192	ug/L	98
53) m,p-Xylene	9.085	106	2413	0.190	ug/L	99
54) o-Xylene	9.484	106	2572	0.211	ug/L	81
55) Styrene	9.509	104	3854	0.197	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	884	0.205	ug/L #	80
60) Isopropylbenzene	9.870	105	6505	0.192	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	502	0.159	ug/L #	80
62) 1,3,5-Trimethylbenzene	10.481	105	5523	0.192	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5462	0.196	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	3053	0.206	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	2989	0.204	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	2510	0.197	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.587	75	427	0.646	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	2202	0.192	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	1821	0.204	ug/L	93
71) Naphthalene	13.455	128	2242	0.191	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1513	0.211	ug/L	96

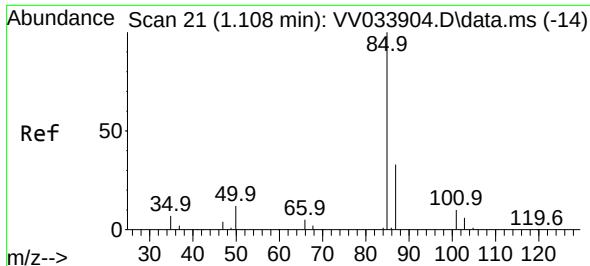
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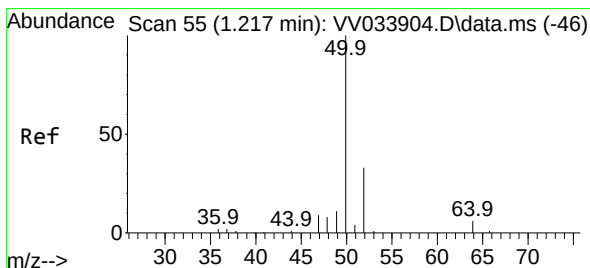
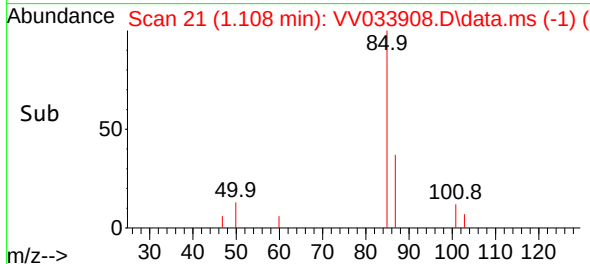
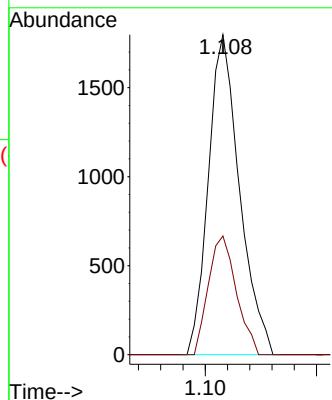
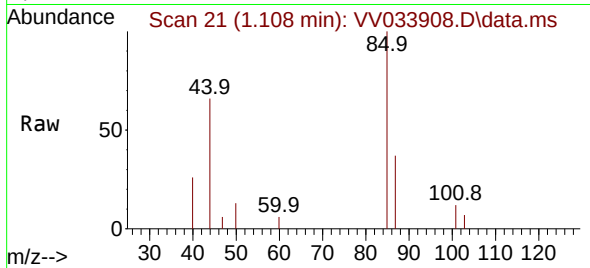




#2
Dichlorodifluoromethane
Concen: 0.193 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

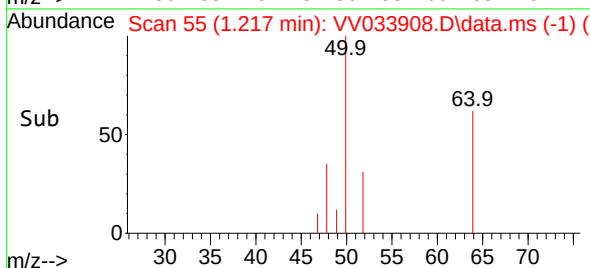
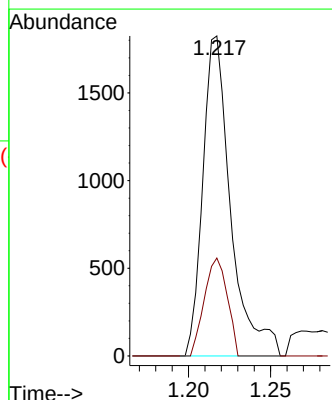
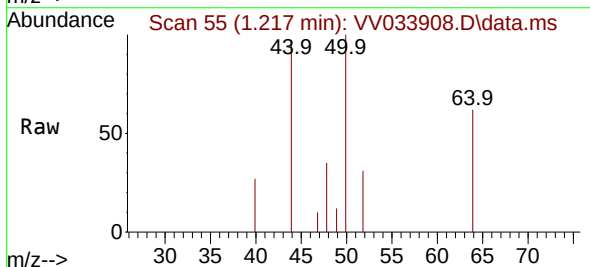
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

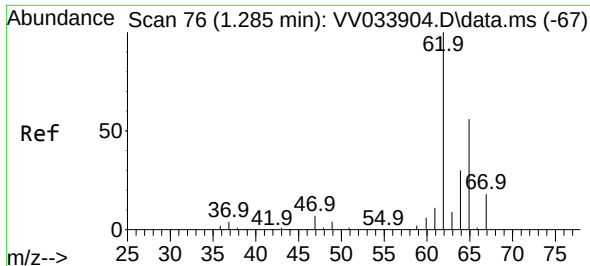
Tgt Ion: 85 Resp: 1748
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.4



#3
Chloromethane
Concen: 0.218 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 50 Resp: 2156
Ion Ratio Lower Upper
50 100
52 30.6 23.4 43.4

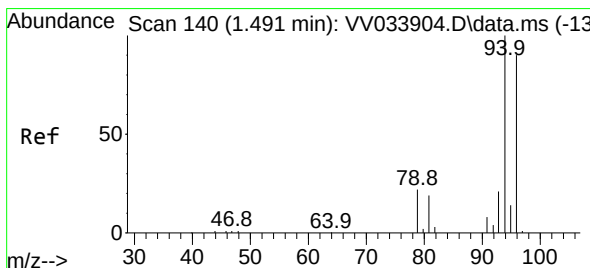
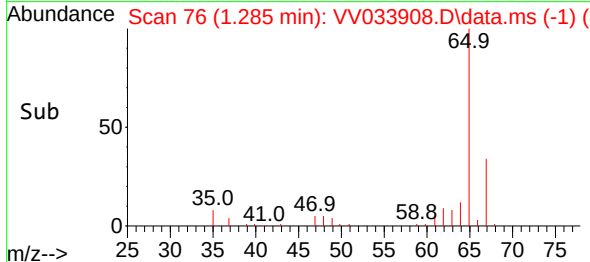
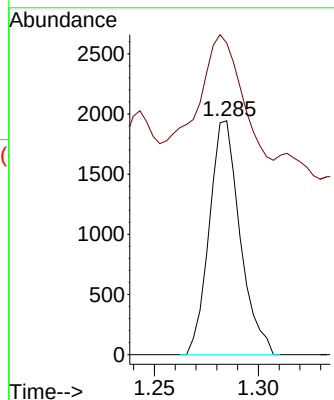
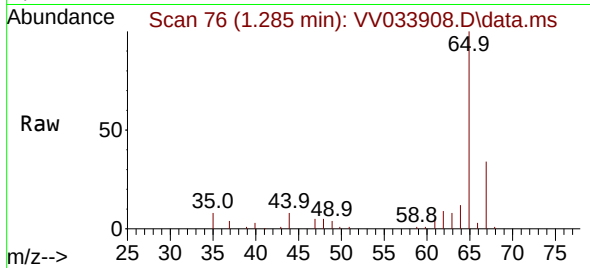




#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

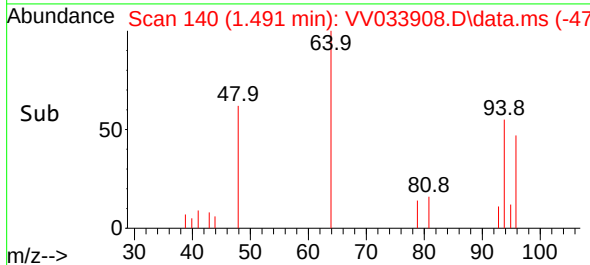
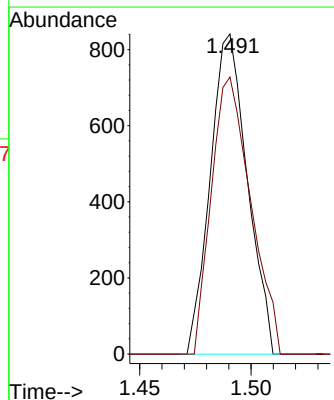
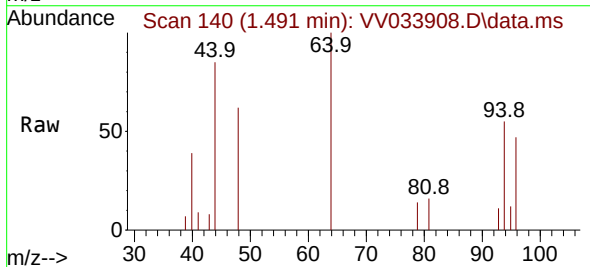
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT4-2023-08

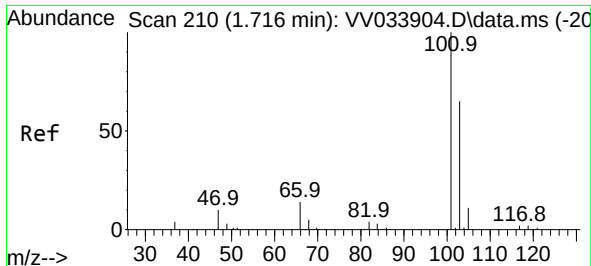
Tgt Ion: 62 Resp: 2003
 Ion Ratio Lower Upper
 62 100
 64 133.2 27.2 50.4#



#6
 Bromomethane
 Concen: 0.195 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

Tgt Ion: 94 Resp: 972
 Ion Ratio Lower Upper
 94 100
 96 86.6 66.6 123.8

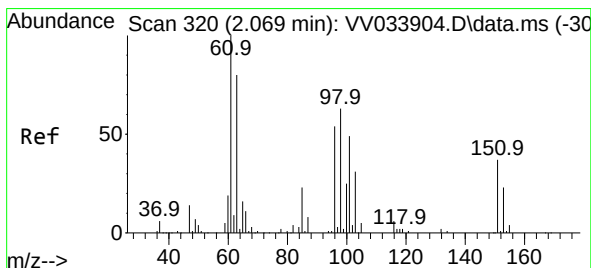
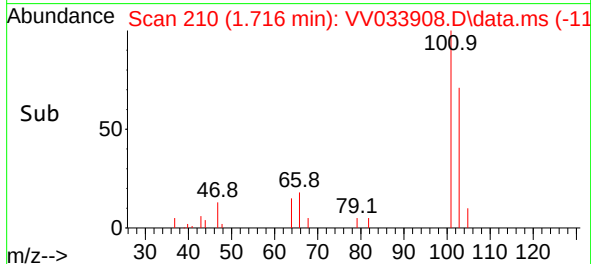
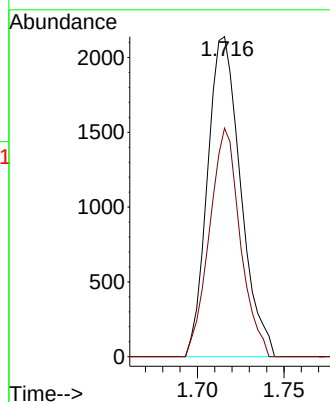
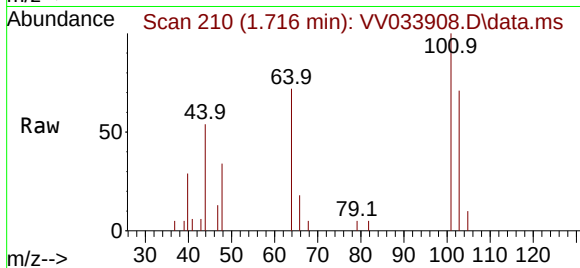




#9
 Trichlorofluoromethane
 Concen: 0.209 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

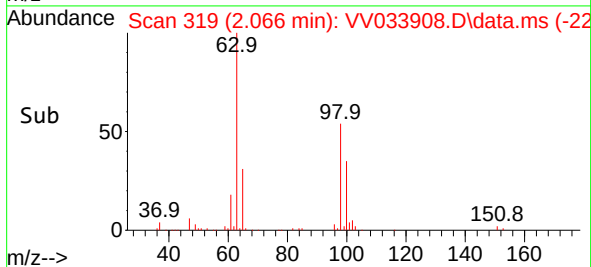
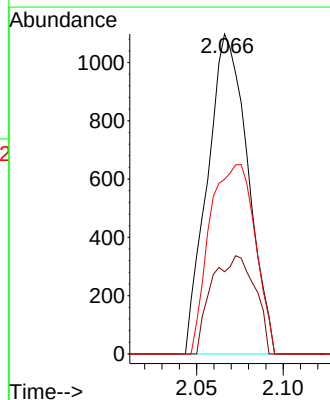
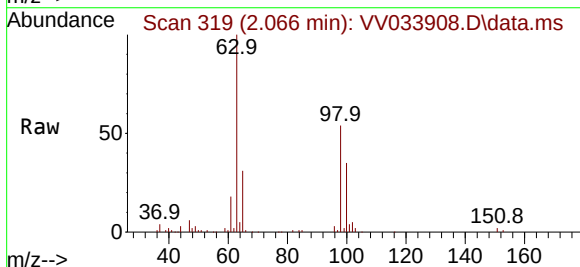
Instrument :
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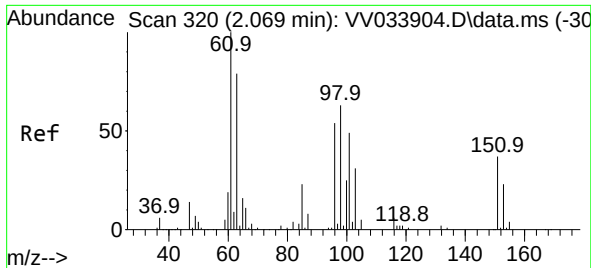
Tgt Ion:101 Resp: 2844
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.0 76.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.250 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

Tgt Ion:101 Resp: 1778
 Ion Ratio Lower Upper
 101 100
 85 32.8 37.1 55.7#
 151 66.6 61.7 92.5





#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

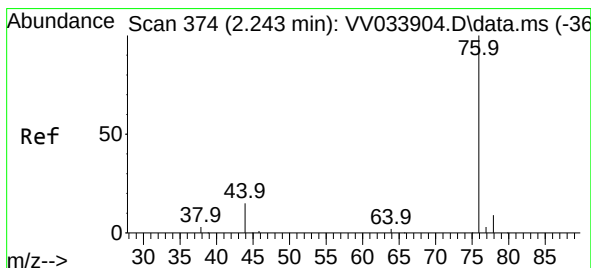
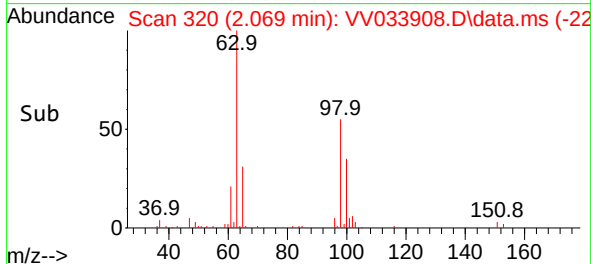
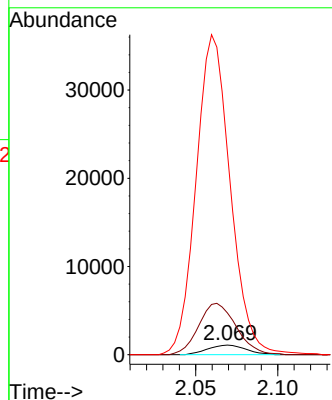
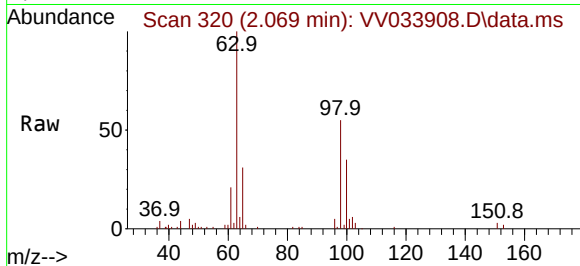
Tgt Ion: 96 Resp: 1764

Ion Ratio Lower Upper

96 100

61 436.1 128.8 239.2#

63 2117.1 97.9 181.9#



#14

Carbon disulfide

Concen: 0.199 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033908.D

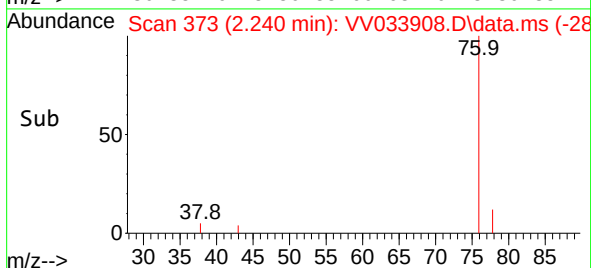
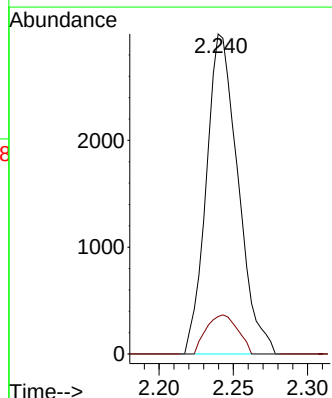
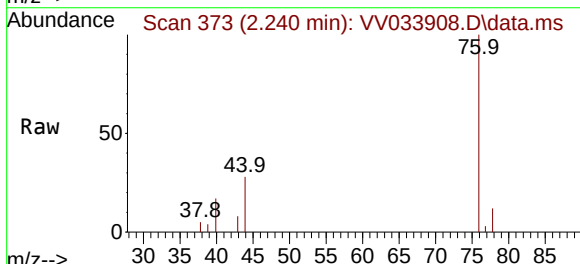
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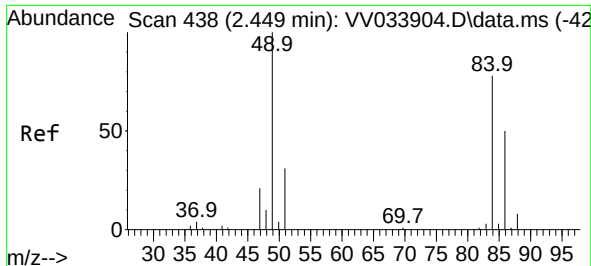
Tgt Ion: 76 Resp: 4451

Ion Ratio Lower Upper

76 100

78 11.7 7.5 11.3#

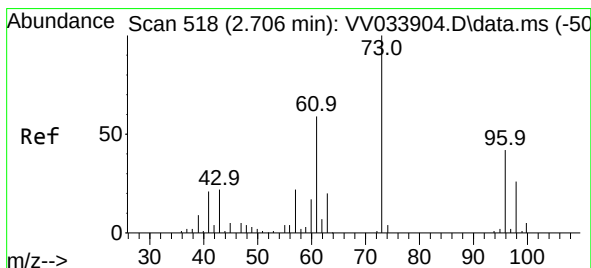
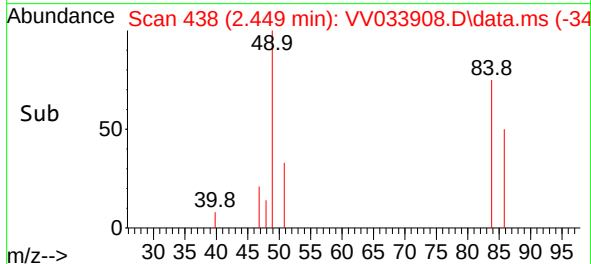
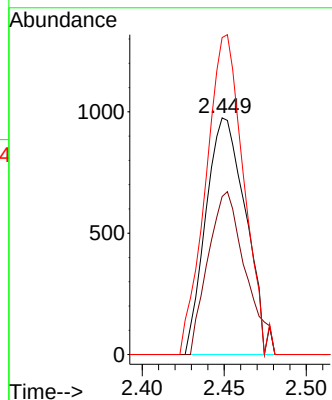
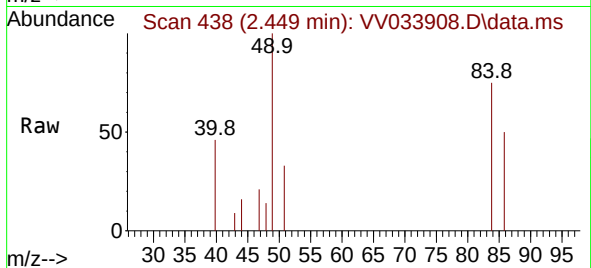




#16
Methylene chloride
Concen: 0.248 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033908.D
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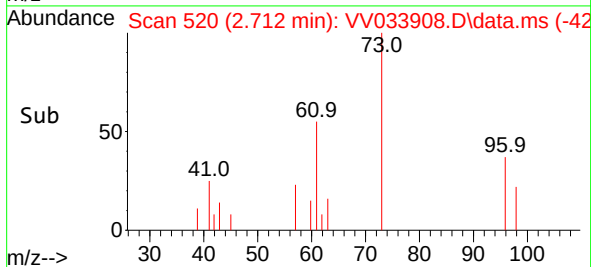
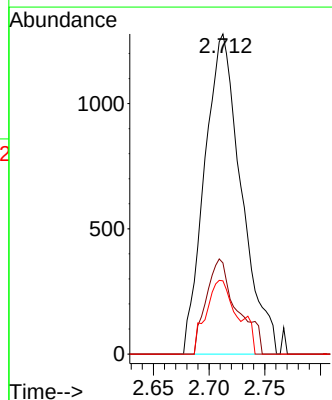
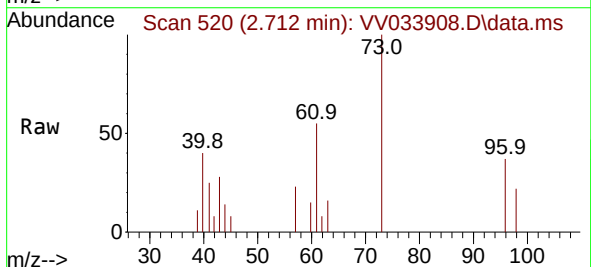
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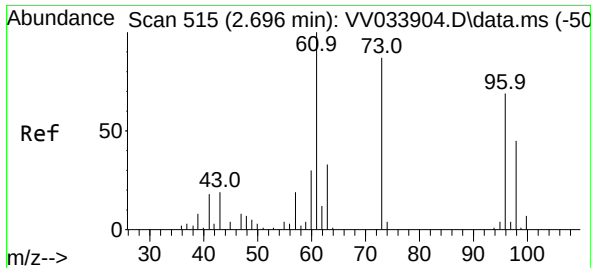
Tgt Ion: 84 Resp: 1646
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 133.9 93.7 173.9



#17
Methyl tert-butyl Ether
Concen: 0.206 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 73 Resp: 2922
Ion Ratio Lower Upper
73 100
43 25.2 17.7 26.5
57 17.2 17.9 26.9#



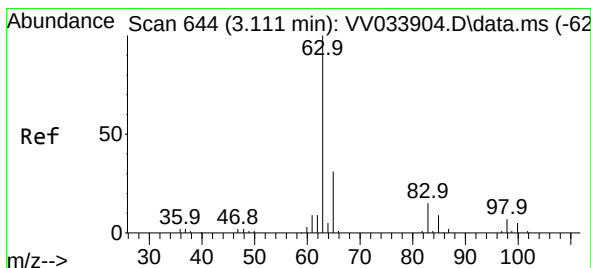
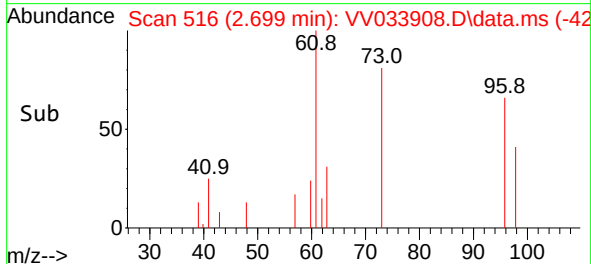
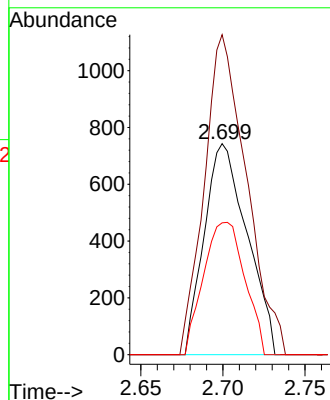
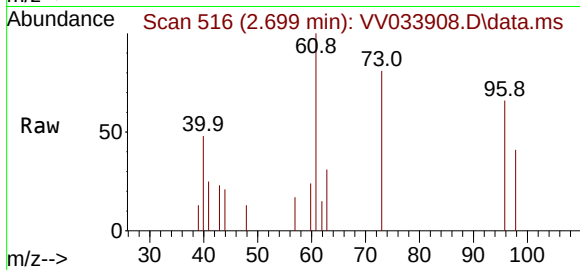


#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 96 Resp: 1346

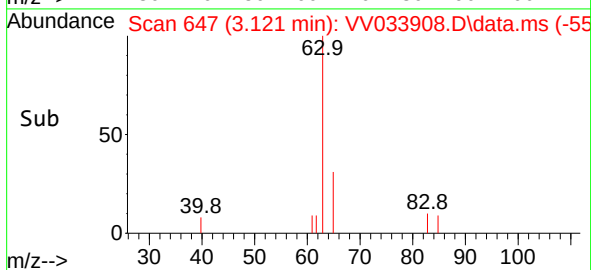
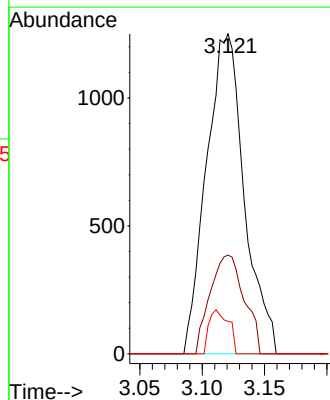
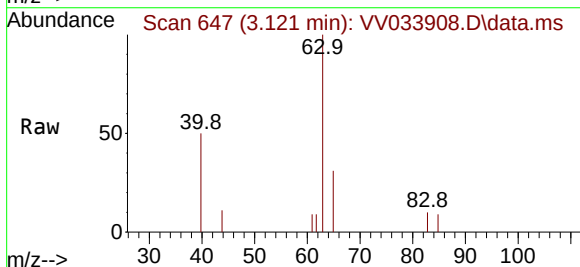
Ion	Ratio	Lower	Upper
96	100		
61	151.7	97.6	181.4
98	62.4	44.4	82.5

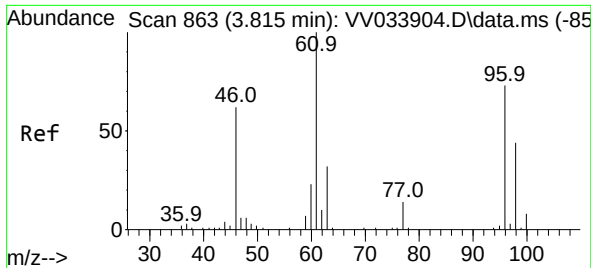


#19
1,1-Dichloroethane
Concen: 0.204 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.006 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 63 Resp: 2638

Ion	Ratio	Lower	Upper
63	100		
65	30.9	20.8	38.6
83	10.2	9.4	17.4

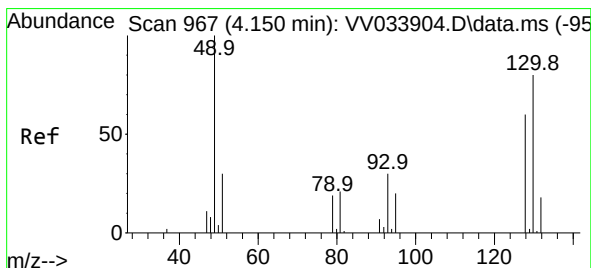
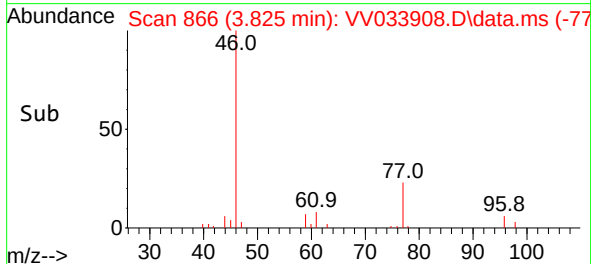
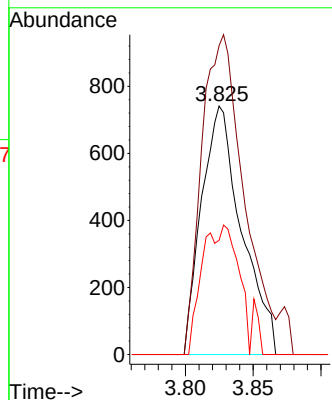
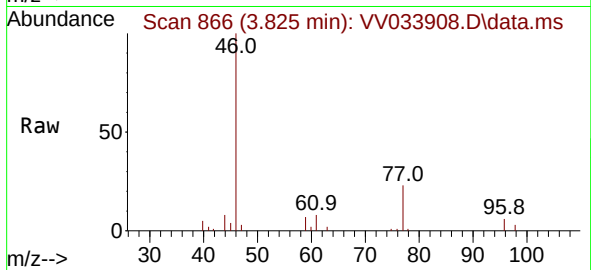




#22
 cis-1,2-Dichloroethene
 Concen: 0.191 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

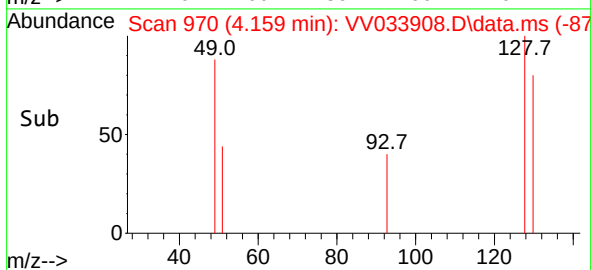
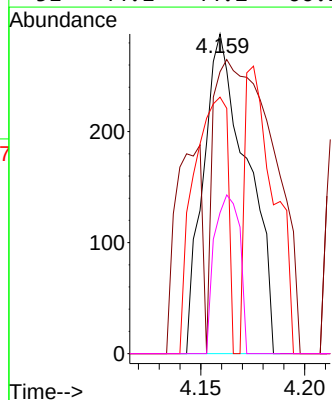
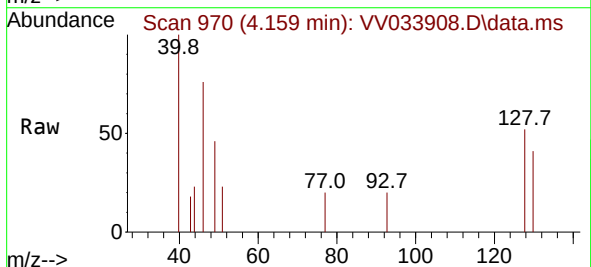
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

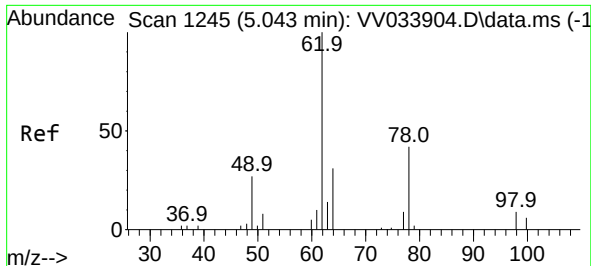
Tgt Ion: 96 Resp: 1527
 Ion Ratio Lower Upper
 96 100
 61 124.3 90.3 167.7
 98 46.0 43.2 80.2



#23
 Bromochloromethane
 Concen: 0.152 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.010 min
 Lab File: VV033908.D
 Acq: 30 Jan 2024 11:42

Tgt Ion: 128 Resp: 423
 Ion Ratio Lower Upper
 128 100
 49 88.2 120.5 223.7#
 130 80.2 93.4 173.4#
 51 44.1 44.2 66.2#

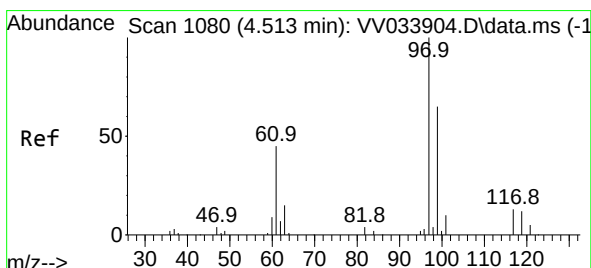
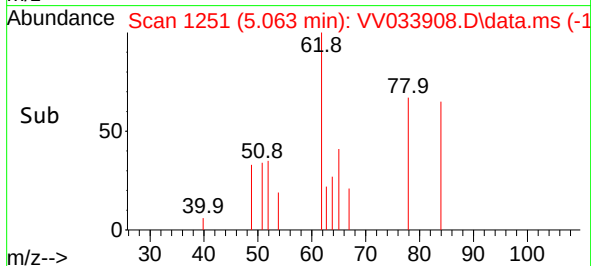
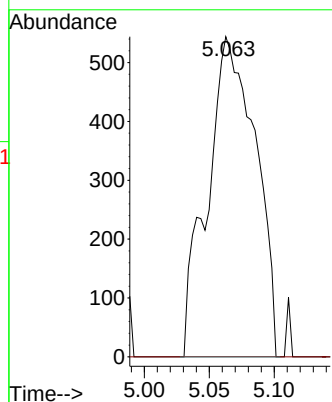
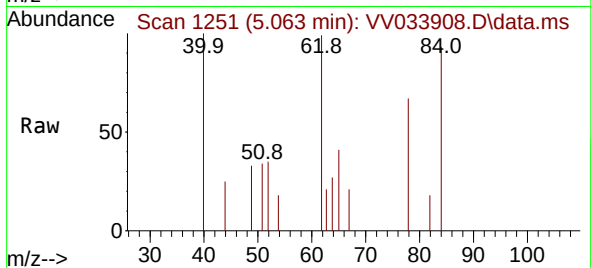




#27
1,2-Dichloroethane
Concen: 0.187 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

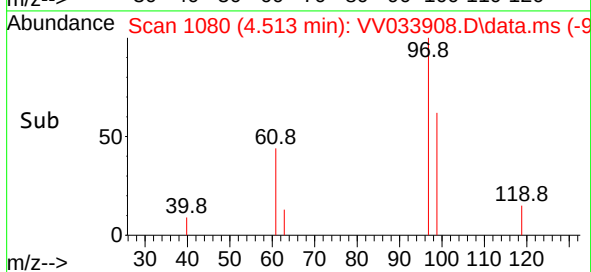
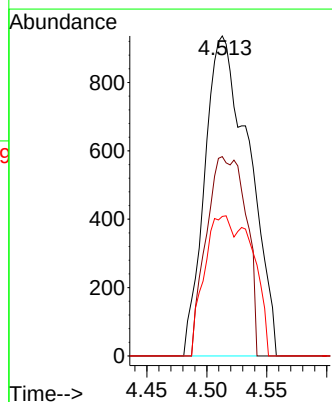
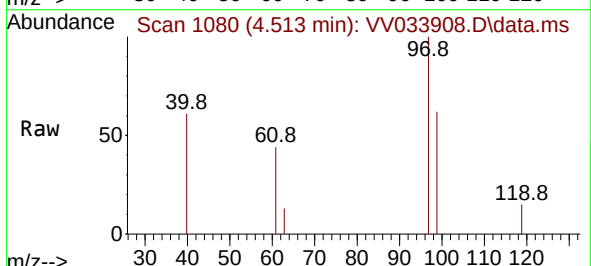
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

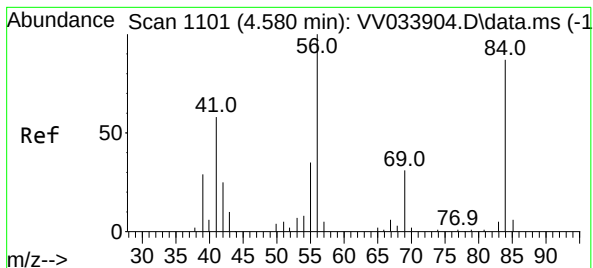
Tgt Ion: 62 Resp: 1400
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#29
1,1,1-Trichloroethane
Concen: 0.198 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 97 Resp: 2412
Ion Ratio Lower Upper
97 100
99 55.8 50.6 75.8
61 28.3 36.8 55.2#





#30

Cyclohexane

Concen: 0.194 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

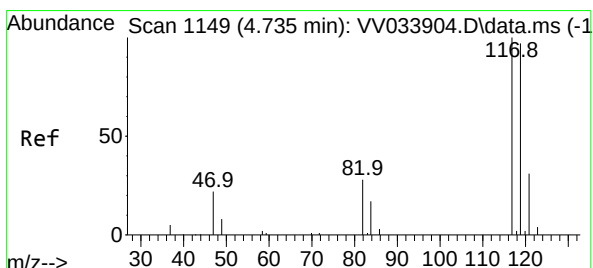
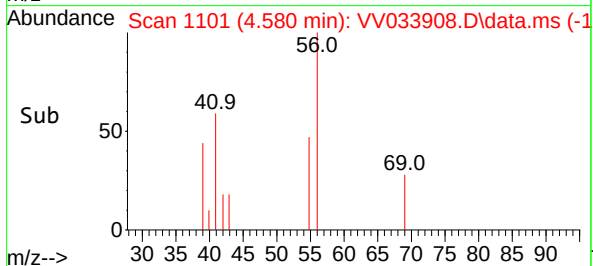
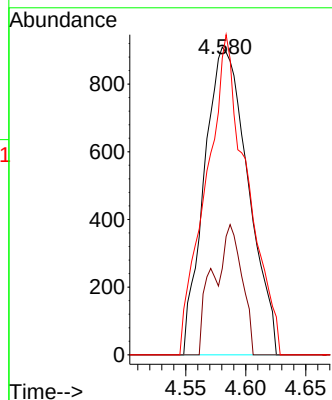
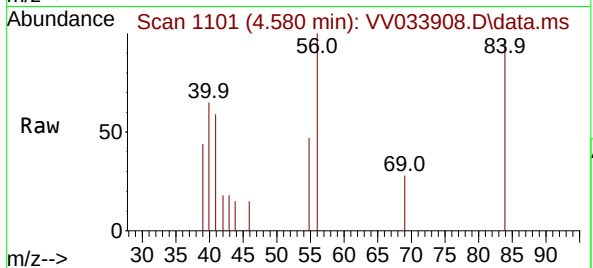
Tgt Ion: 56 Resp: 2302

Ion Ratio Lower Upper

56 100

69 18.3 24.2 36.2#

84 97.8 70.0 105.0



#31

Carbon tetrachloride

Concen: 0.184 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV033908.D

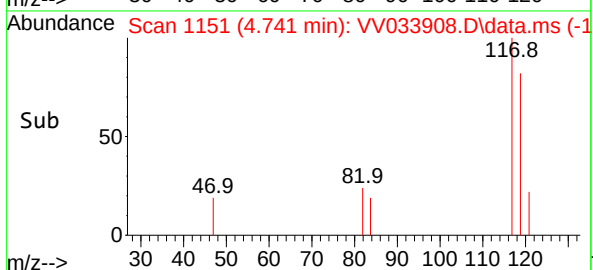
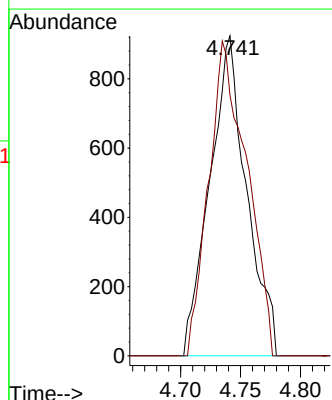
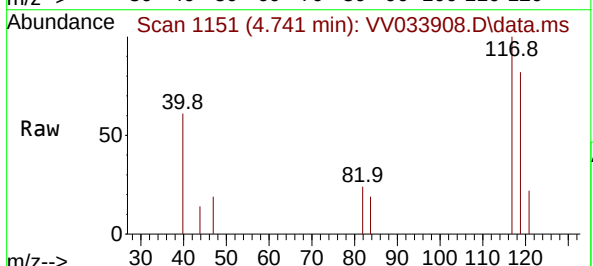
Acq: 30 Jan 2024 11:42

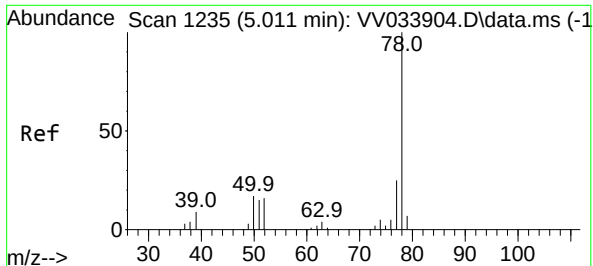
Tgt Ion: 117 Resp: 1965

Ion Ratio Lower Upper

117 100

119 102.1 76.1 114.1

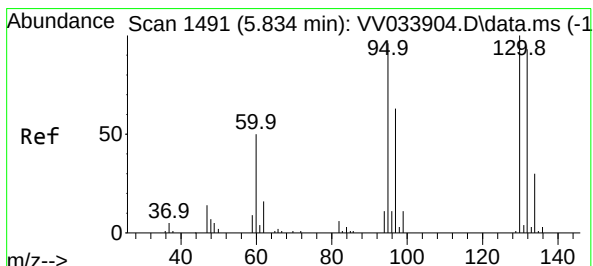
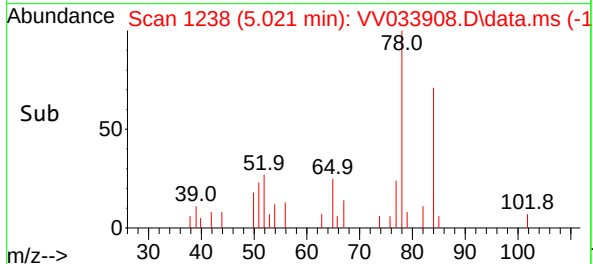
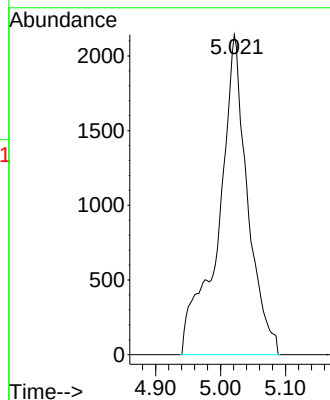
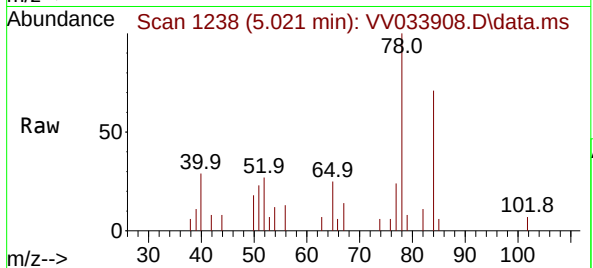




#33
Benzene
Concen: 0.244 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

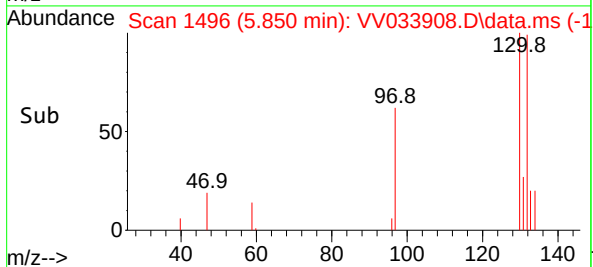
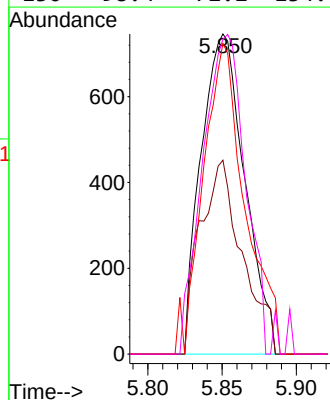
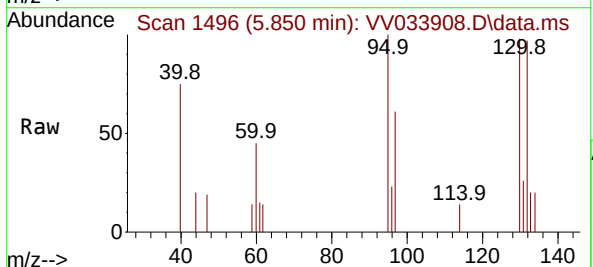
Tgt Ion: 78 Resp: 6649

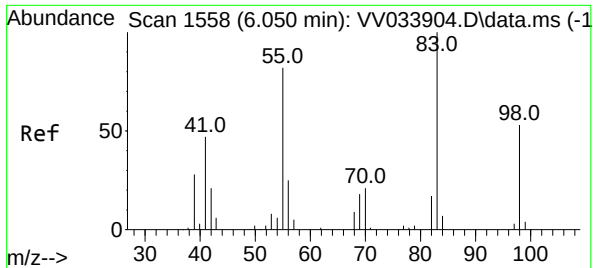


#34
Trichloroethene
Concen: 0.193 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.016 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 95 Resp: 1525

Ion	Ratio	Lower	Upper
95	100		
97	60.6	45.1	83.7
132	97.1	66.0	122.6
130	98.4	72.2	134.0

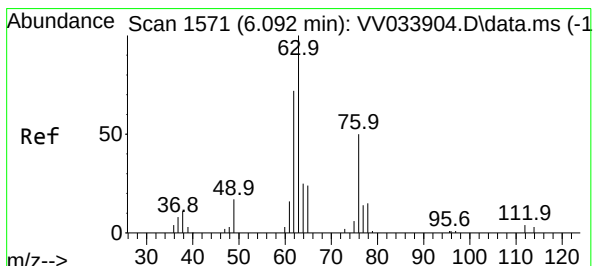
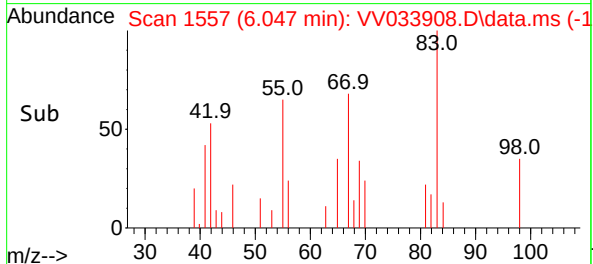
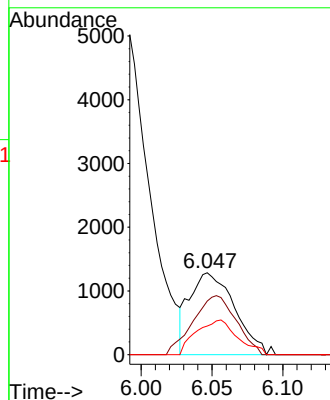
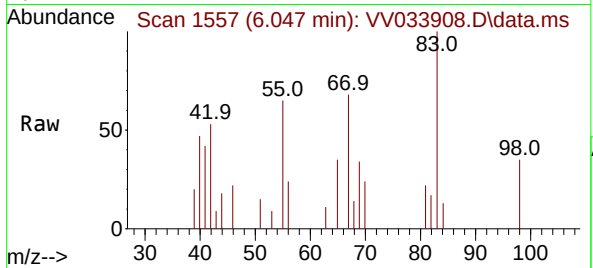




#35
Methylcyclohexane
Concen: 0.229 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

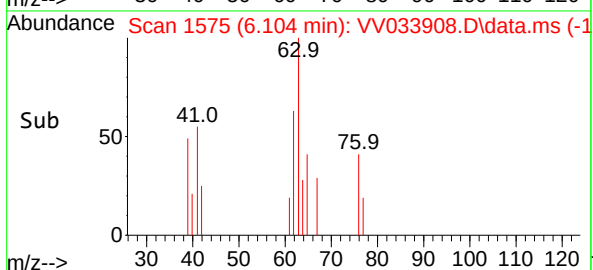
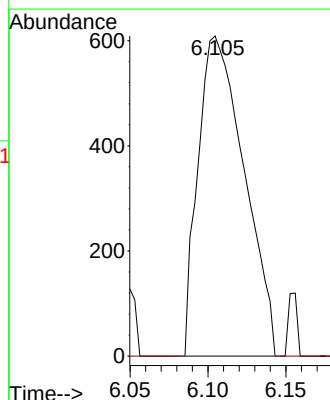
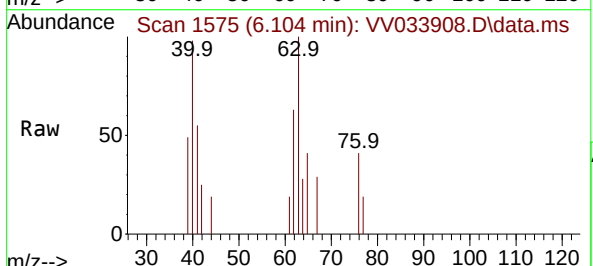
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

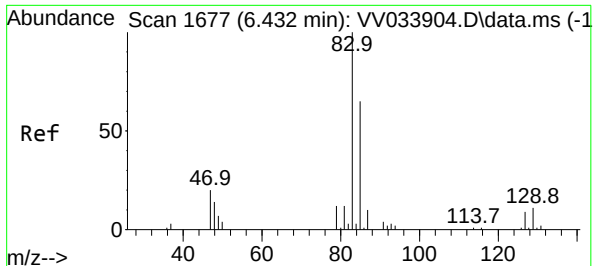
Tgt Ion: 83	Resp: 2837
Ion Ratio	Lower Upper
83 100	
55 68.9	63.5 95.3
98 38.9	39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.190 ug/L
RT: 6.104 min Scan# 1575
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 63	Resp: 1251
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#





#38

Bromodichloromethane

Concen: 0.199 ug/L

RT: 6.445 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

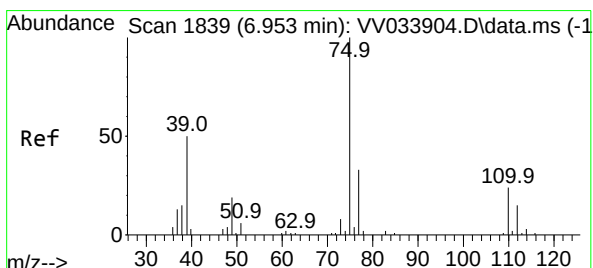
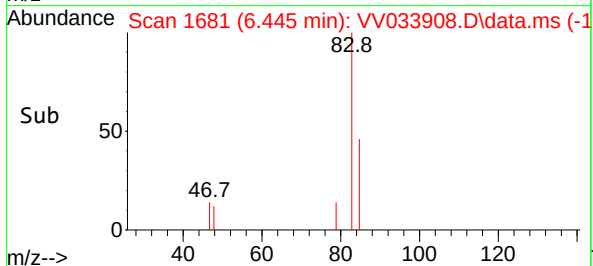
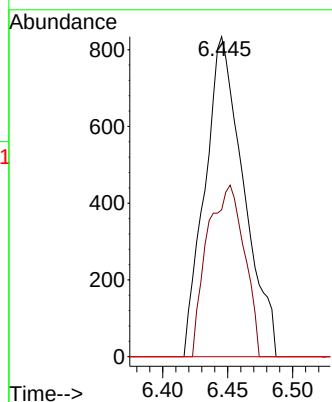
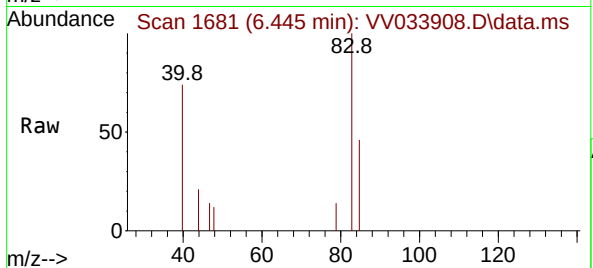
Tgt Ion: 83 Resp: 1723

Ion Ratio Lower Upper

83 100

85 45.9 45.4 84.2

127 0.0 6.5 9.7#



#39

cis-1,3-Dichloropropene

Concen: 0.212 ug/L

RT: 6.969 min Scan# 1844

Delta R.T. 0.013 min

Lab File: VV033908.D

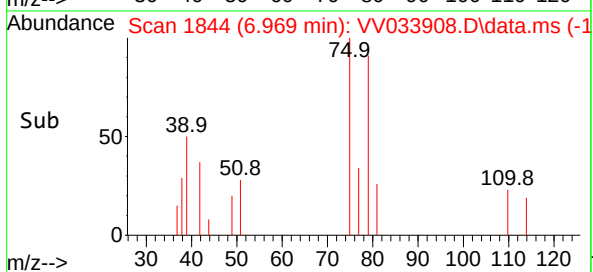
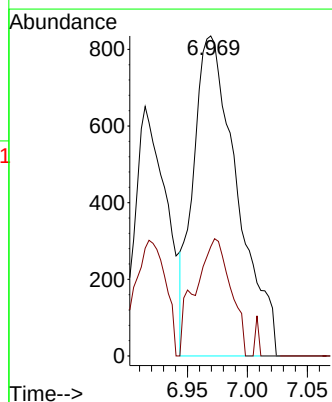
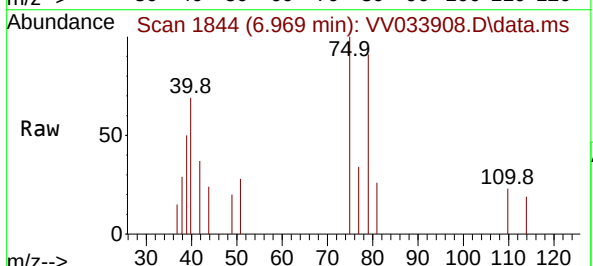
Acq: 30 Jan 2024 11:42

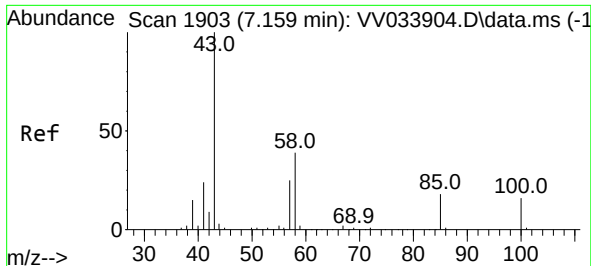
Tgt Ion: 75 Resp: 2125

Ion Ratio Lower Upper

75 100

77 34.1 22.9 42.5





#40

4-Methyl-2-pentanone

Concen: 1.612 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

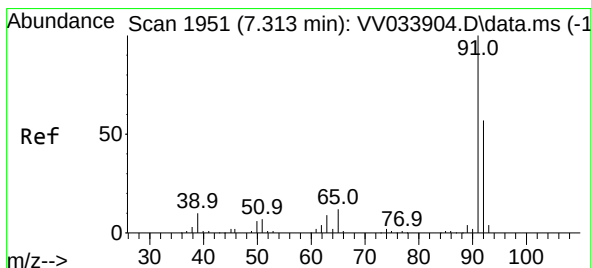
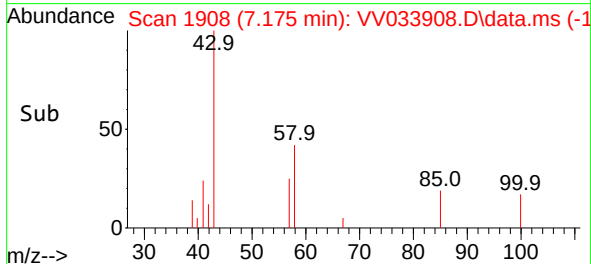
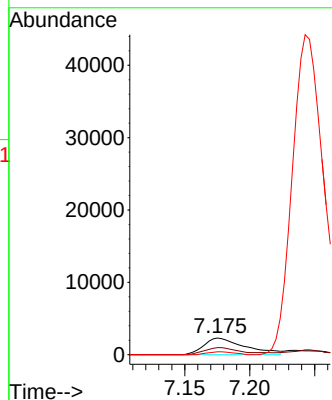
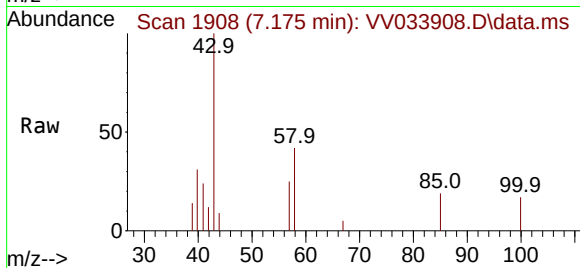
Tgt Ion: 43 Resp: 5095

Ion Ratio Lower Upper

43 100

58 35.4 30.2 45.2

100 0.0 12.1 18.1#



#42

Toluene

Concen: 0.218 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV033908.D

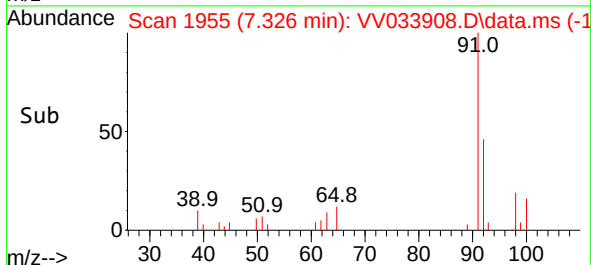
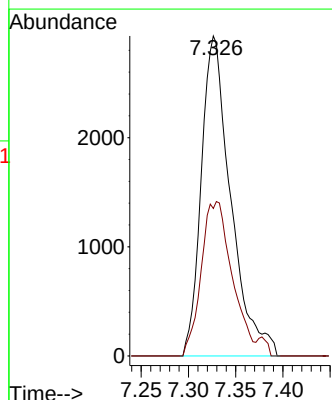
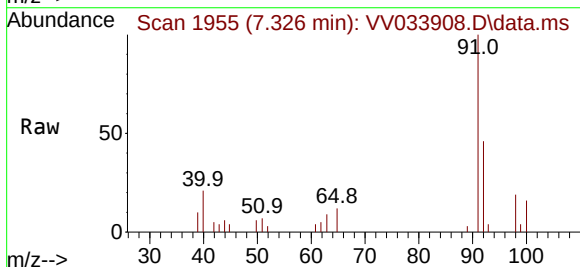
Acq: 30 Jan 2024 11:42

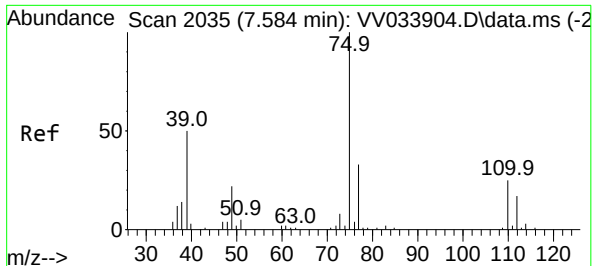
Tgt Ion: 91 Resp: 6343

Ion Ratio Lower Upper

91 100

92 46.1 42.1 78.3

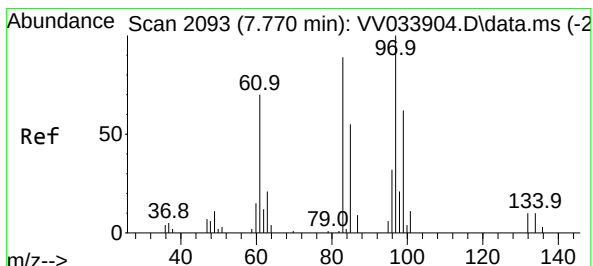
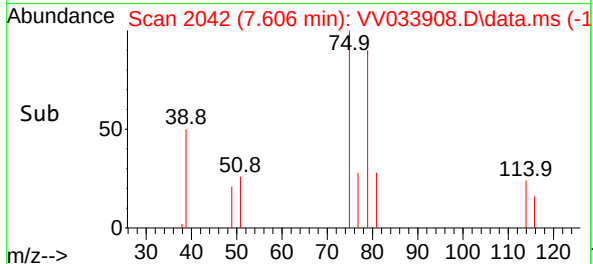
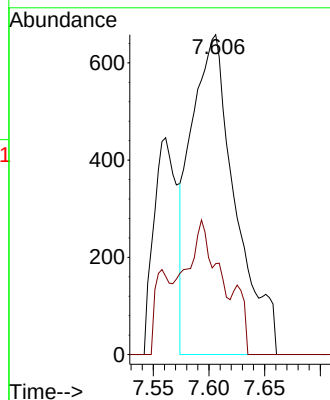
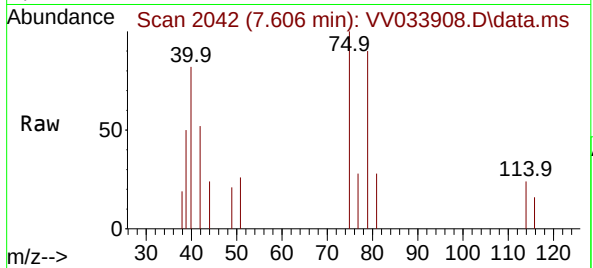




#44
trans-1,3-Dichloropropene
Concen: 0.236 ug/L
RT: 7.606 min Scan# 2042
Delta R.T. 0.022 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

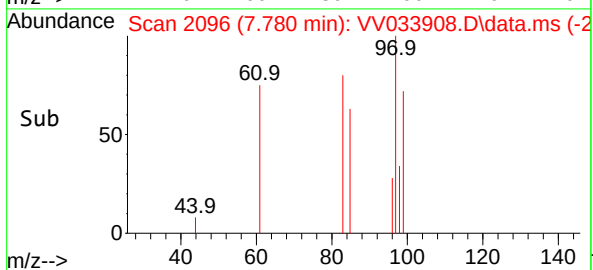
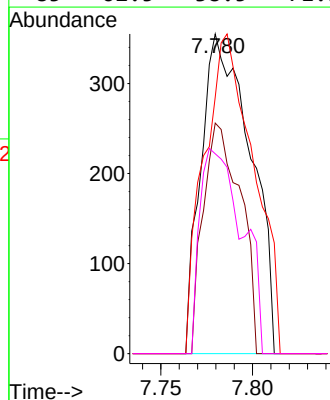
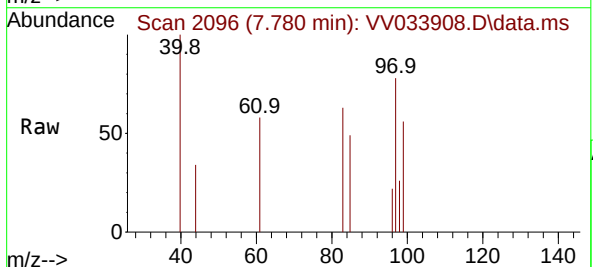
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

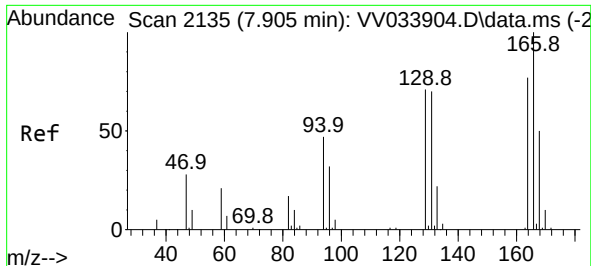
Tgt Ion: 75 Resp: 1820
Ion Ratio Lower Upper
75 100
77 28.4 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 0.163 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 97 Resp: 666
Ion Ratio Lower Upper
97 100
99 72.1 45.6 84.6
83 80.3 62.3 115.7
85 62.5 38.5 71.5



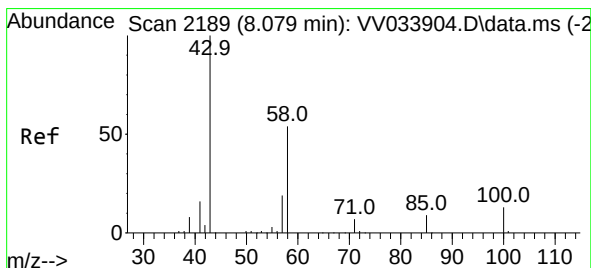
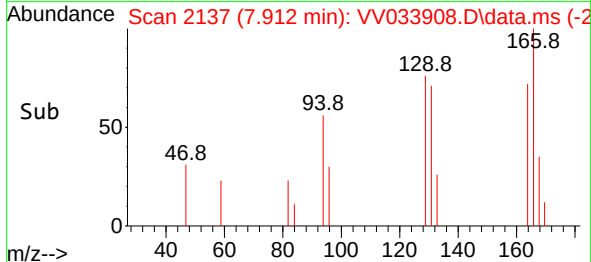
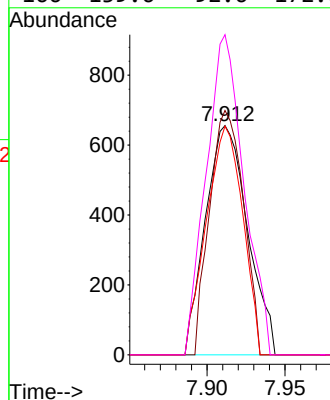
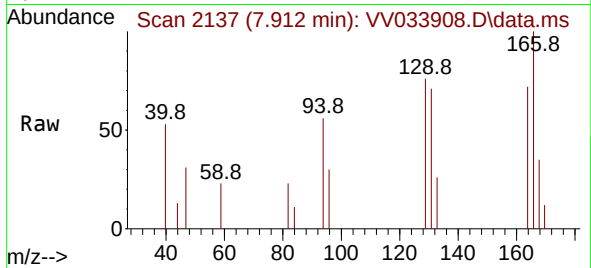


#47
Tetrachloroethene
Concen: 0.192 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion:164 Resp: 1233

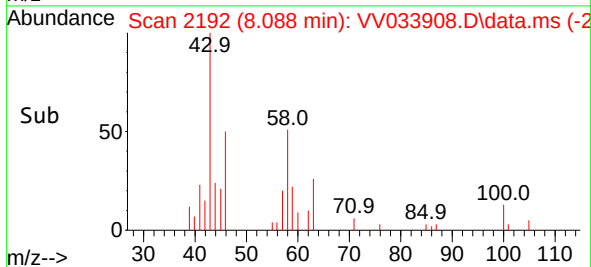
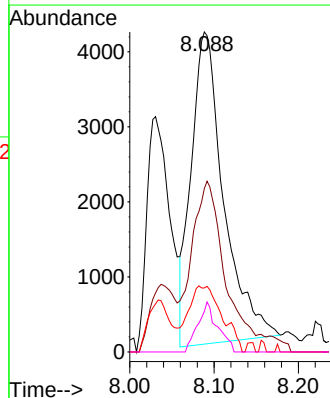
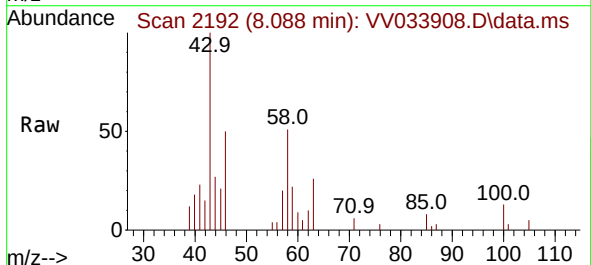
Ion	Ratio	Lower	Upper
164	100		
129	106.6	67.8	125.8
131	99.7	63.0	117.0
166	139.6	92.6	172.0

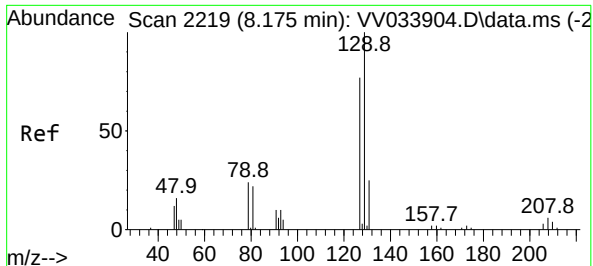


#48
2-Hexanone
Concen: 5.004 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 43 Resp: 11150

Ion	Ratio	Lower	Upper
43	100		
58	50.1	42.6	64.0
57	22.3	15.5	23.3
100	9.7	10.1	15.1





#49

Dibromochloromethane

Concen: 0.193 ug/L

RT: 8.178 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

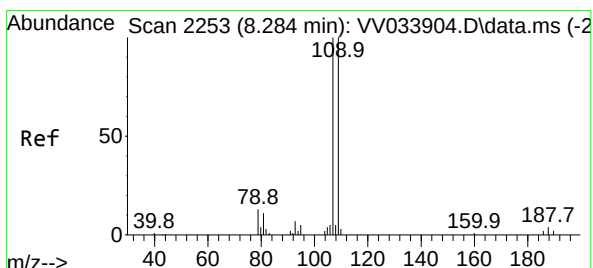
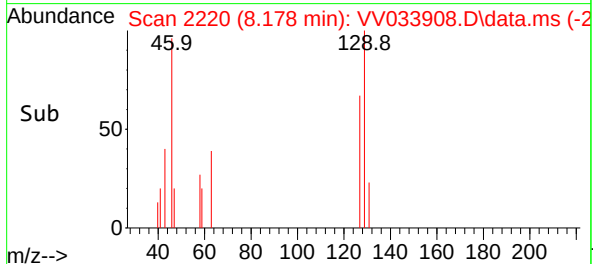
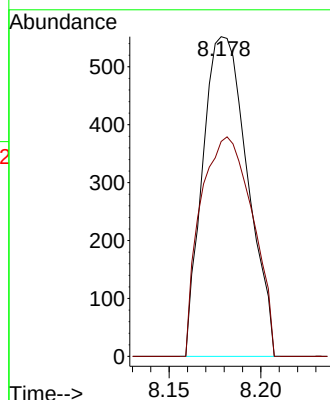
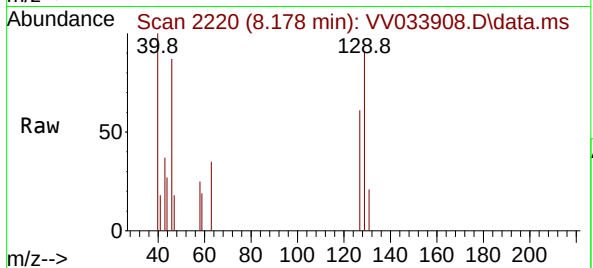
MDL-WATER-QT4-2023-08

Tgt Ion:129 Resp: 936

Ion Ratio Lower Upper

129 100

127 67.2 53.5 99.5



#50

1,2-Dibromoethane

Concen: 0.190 ug/L

RT: 8.297 min Scan# 2257

Delta R.T. 0.013 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

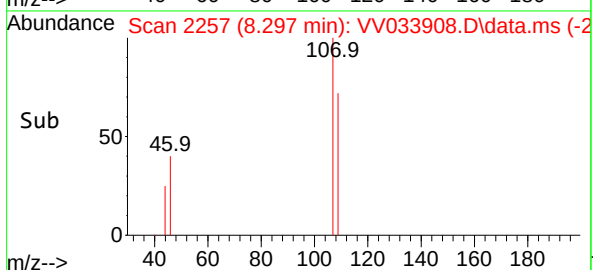
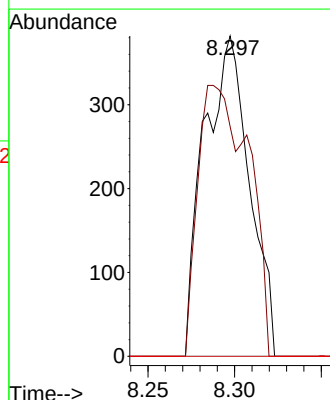
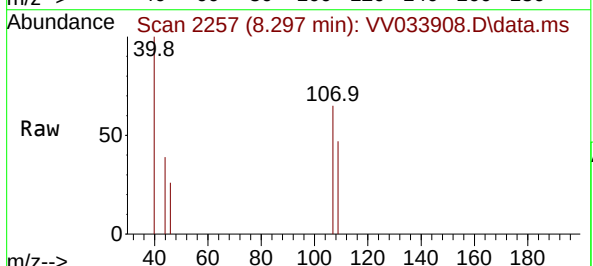
Tgt Ion:107 Resp: 696

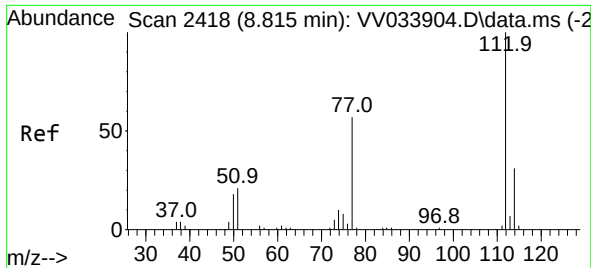
Ion Ratio Lower Upper

107 100

109 71.7 64.5 119.9

188 0.0 2.6 4.0#

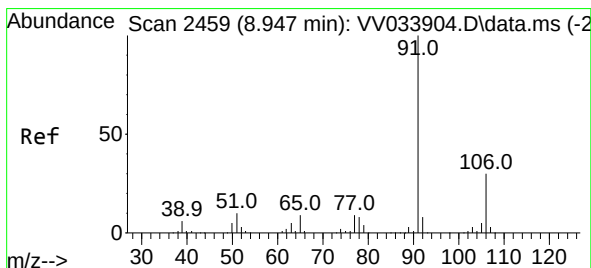
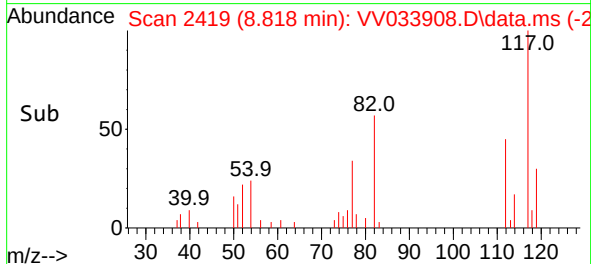
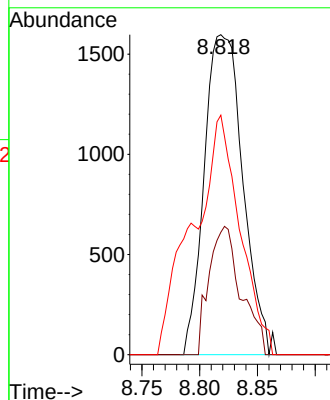
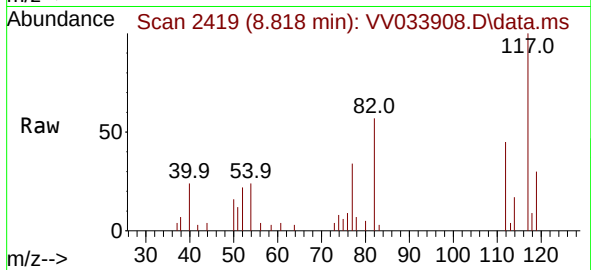




#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

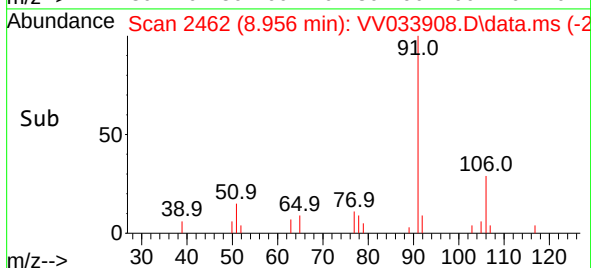
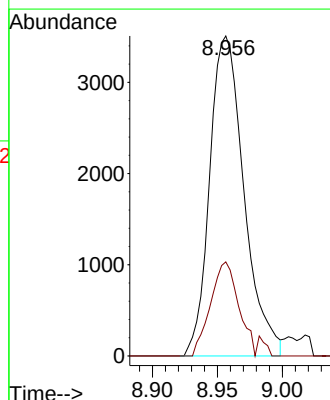
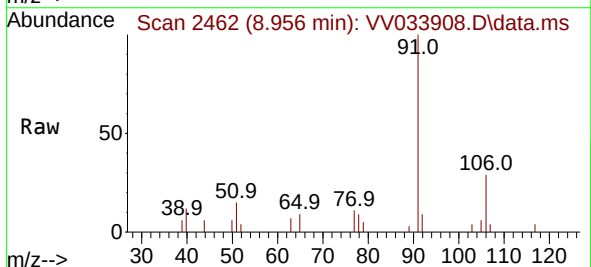
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

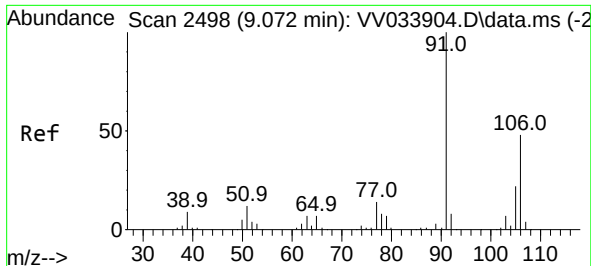
Tgt Ion:	112	Resp:	3725
Ion Ratio	Lower	Upper	
112	100		
114	38.3	22.5	41.7
77	74.8	48.1	72.1#



#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion:	91	Resp:	6447
Ion Ratio	Lower	Upper	
91	100		
106	29.4	21.4	39.8





#53

m,p-Xylene

Concen: 0.190 ug/L

RT: 9.085 min Scan# 2498

Delta R.T. 0.013 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

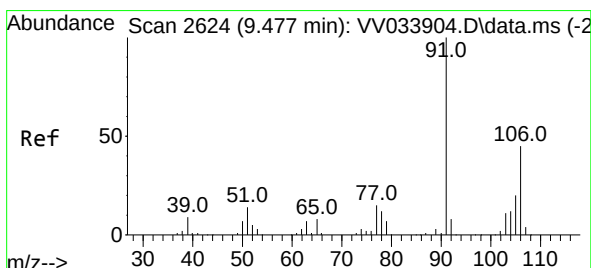
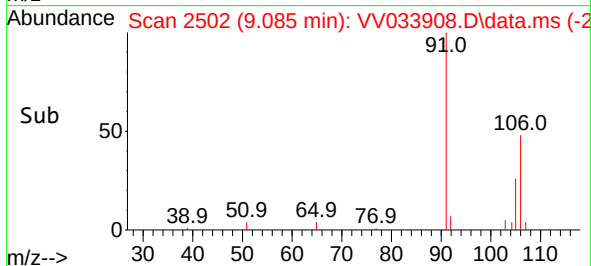
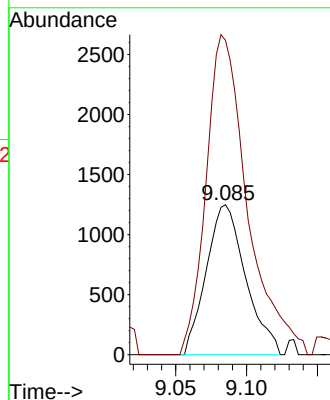
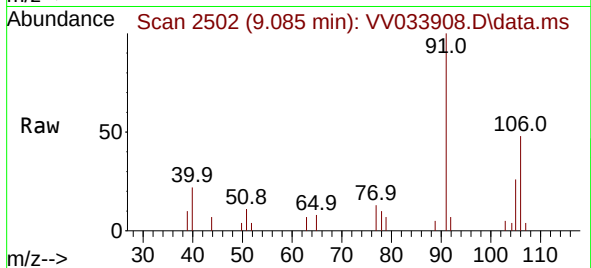
MDL-WATER-QT4-2023-08

Tgt Ion:106 Resp: 2413

Ion Ratio Lower Upper

106 100

91 209.6 147.5 273.9



#54

o-Xylene

Concen: 0.211 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.006 min

Lab File: VV033908.D

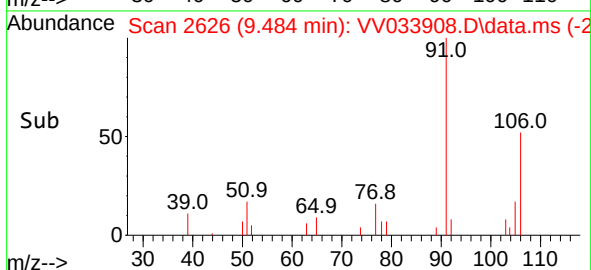
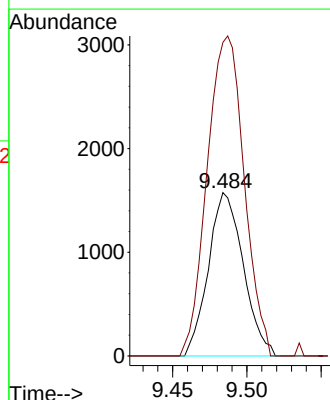
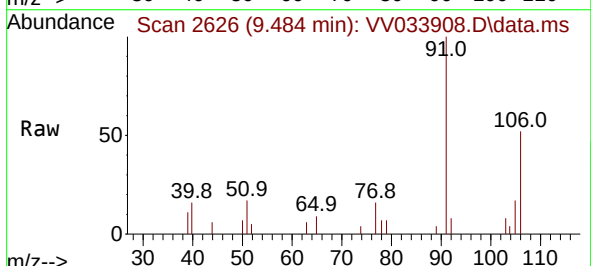
Acq: 30 Jan 2024 11:42

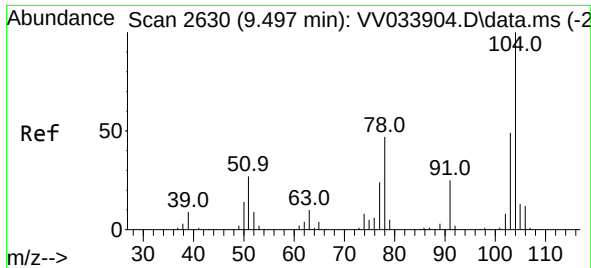
Tgt Ion:106 Resp: 2572

Ion Ratio Lower Upper

106 100

91 192.0 156.2 290.0

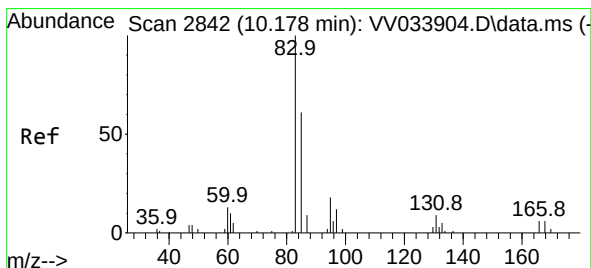
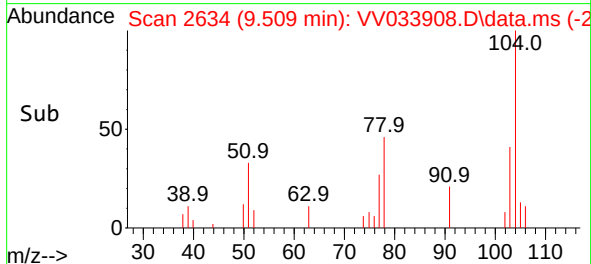
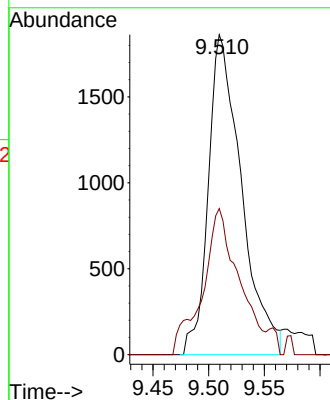
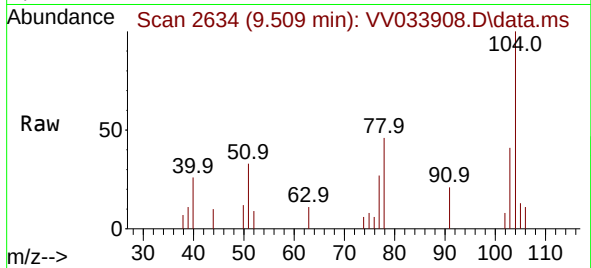




#55
Styrene
Concen: 0.197 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.013 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

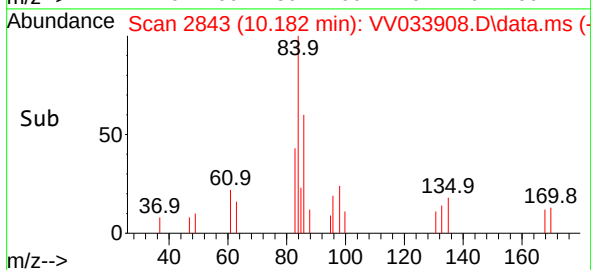
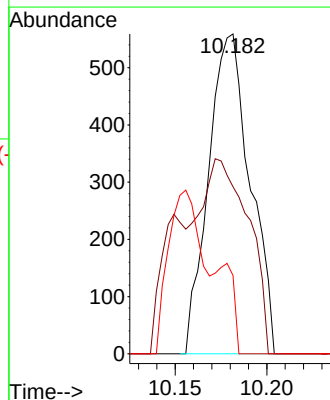
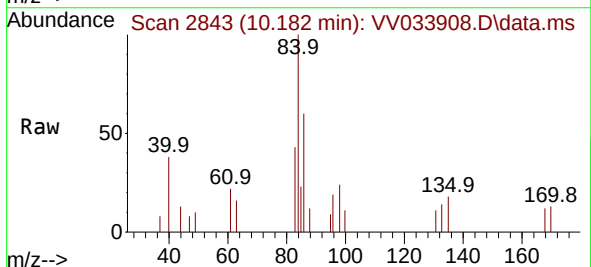
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

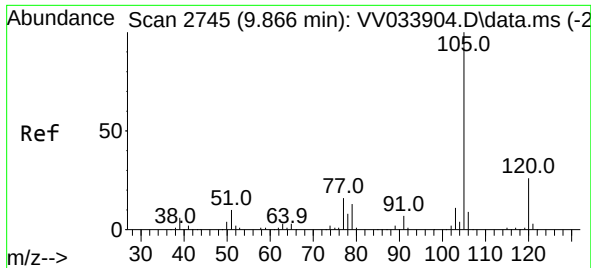
Tgt Ion:104 Resp: 3854
Ion Ratio Lower Upper
104 100
78 45.6 32.9 61.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.205 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 83 Resp: 884
Ion Ratio Lower Upper
83 100
85 52.2 46.5 86.3
131 24.5 8.4 12.6#

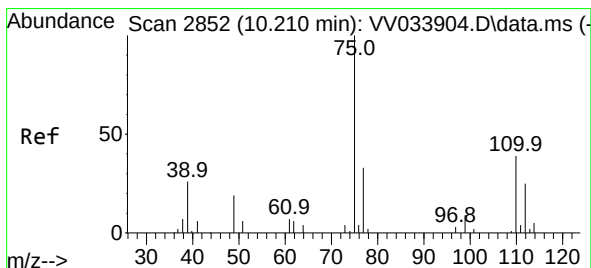
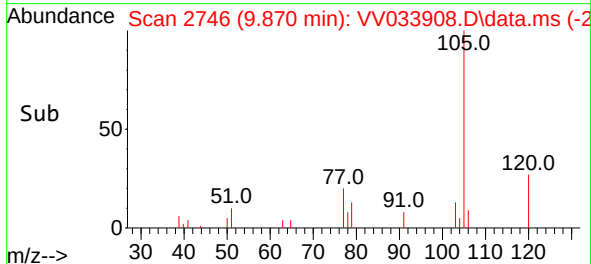
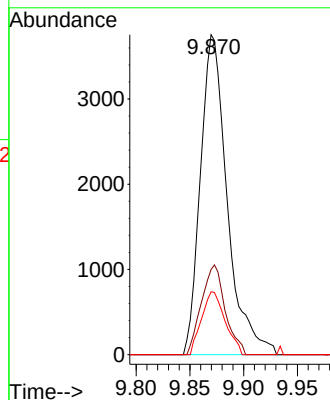
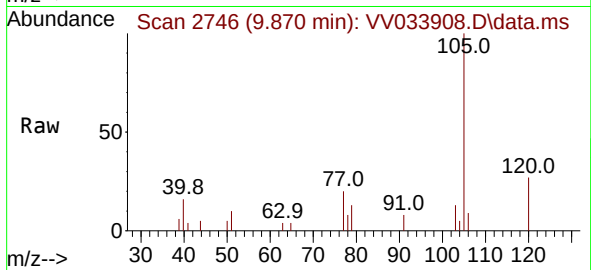




#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

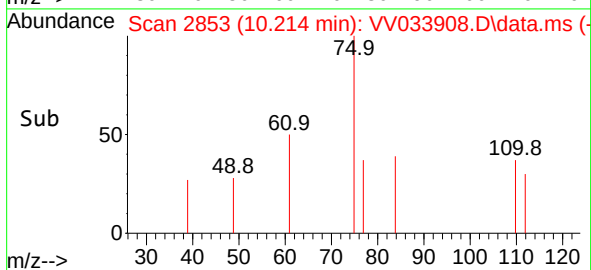
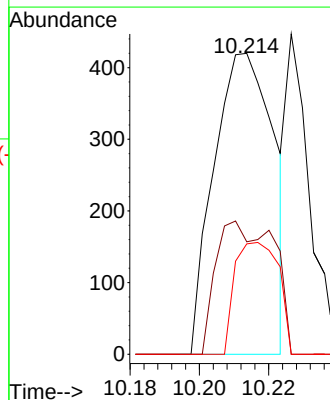
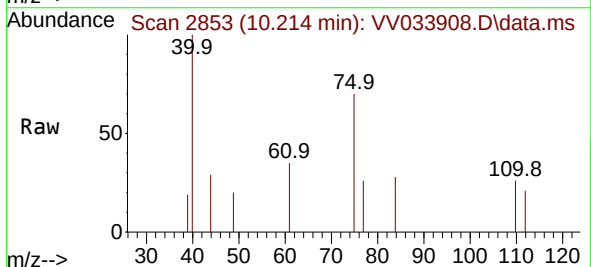
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

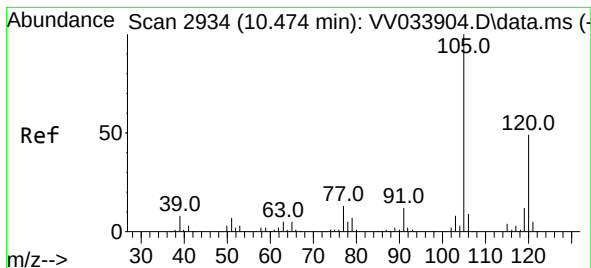
Tgt Ion:105 Resp: 6505
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1
77 17.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.159 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion: 75 Resp: 502
Ion Ratio Lower Upper
75 100
77 42.8 26.9 40.3#
110 27.1 33.3 49.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.192 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.006 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

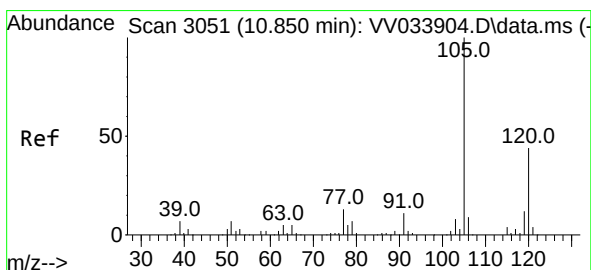
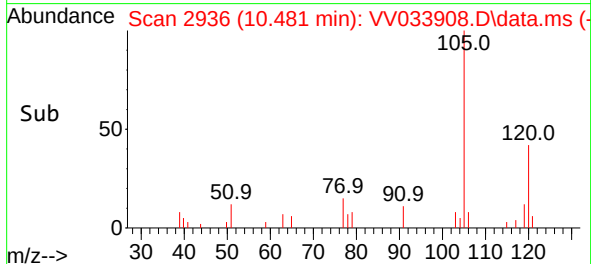
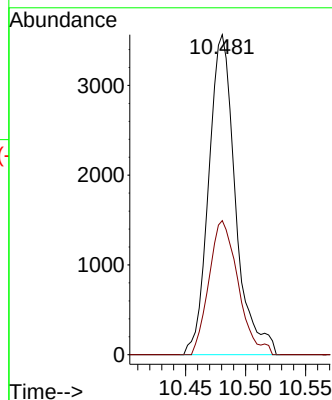
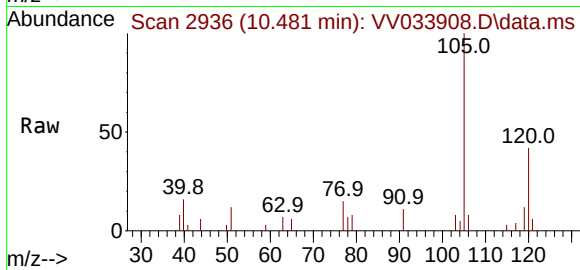
MDL-WATER-QT4-2023-08

Tgt Ion:105 Resp: 5523

Ion Ratio Lower Upper

105 100

120 45.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.196 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033908.D

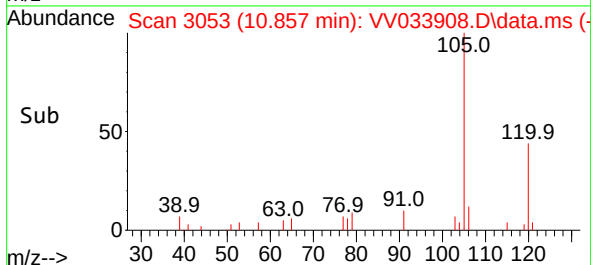
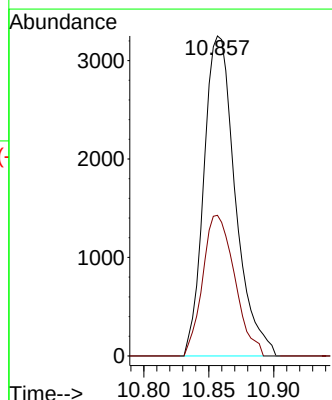
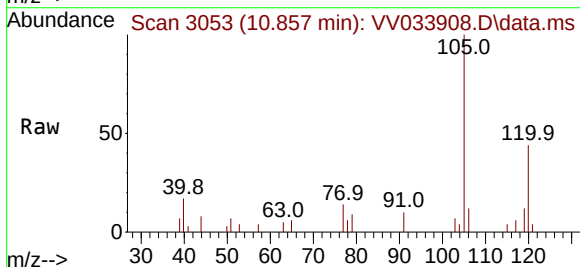
Acq: 30 Jan 2024 11:42

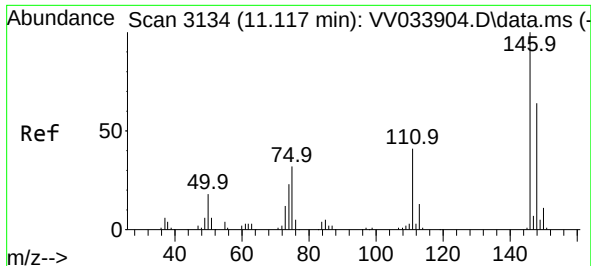
Tgt Ion:105 Resp: 5462

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2

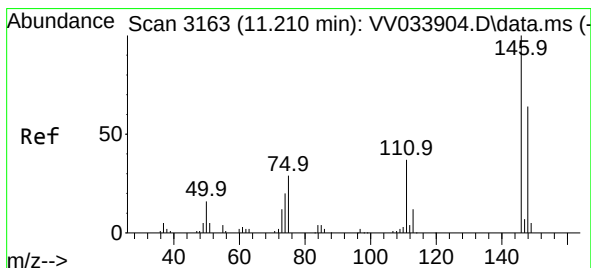
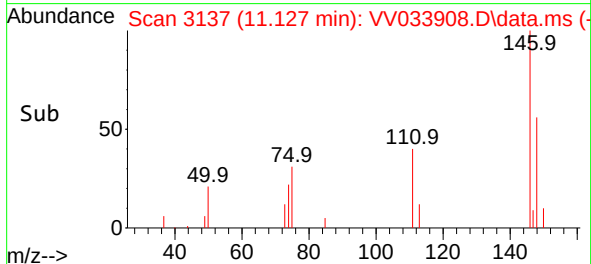
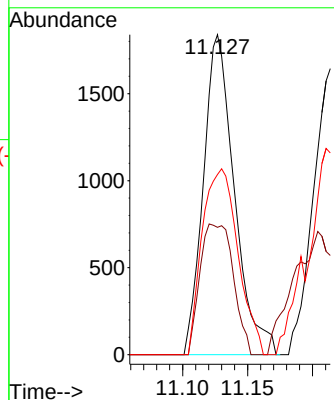
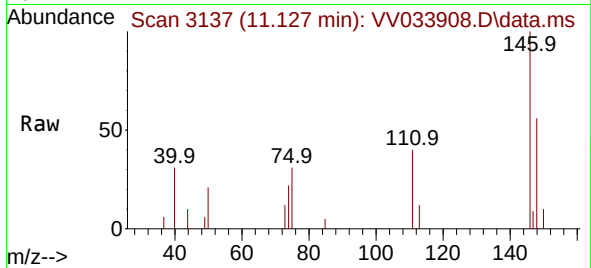




#64
1,3-Dichlorobenzene
Concen: 0.206 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

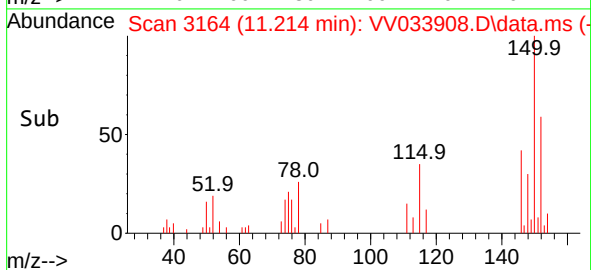
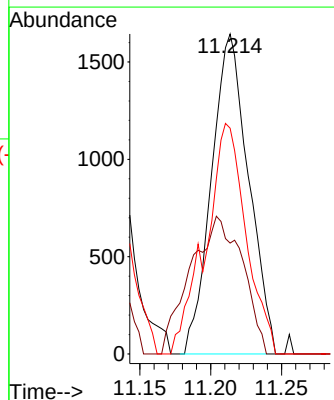
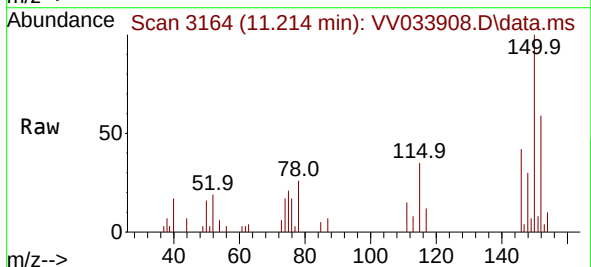
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

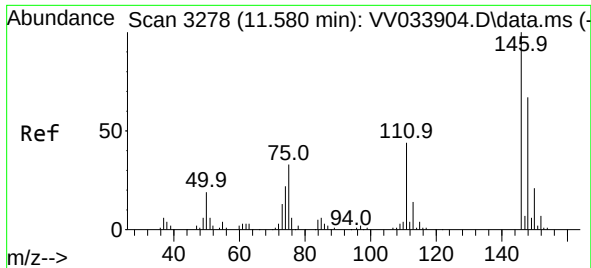
Tgt Ion:146 Resp: 3053
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 56.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion:146 Resp: 2989
Ion Ratio Lower Upper
146 100
111 34.7 27.6 51.4
148 70.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.197 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

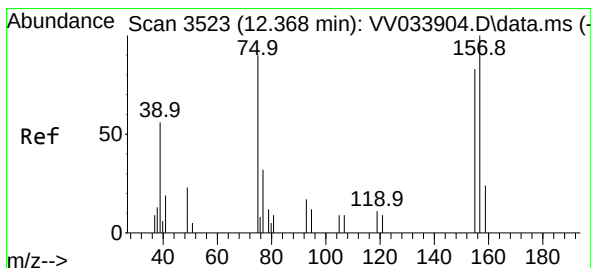
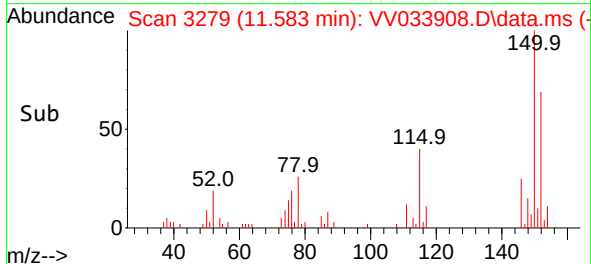
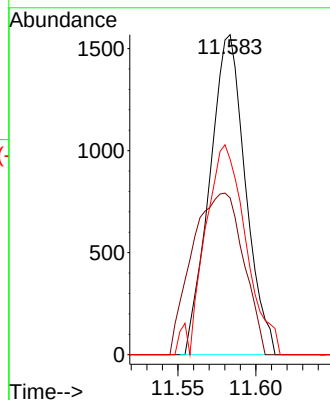
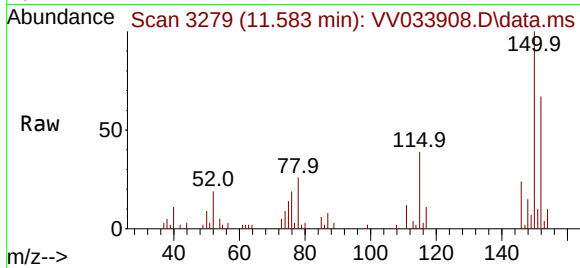
Tgt Ion:146 Resp: 2510

Ion Ratio Lower Upper

146 100

111 49.0 31.2 46.8#

148 61.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.646 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.219 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

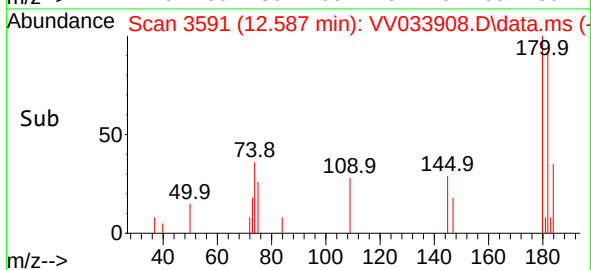
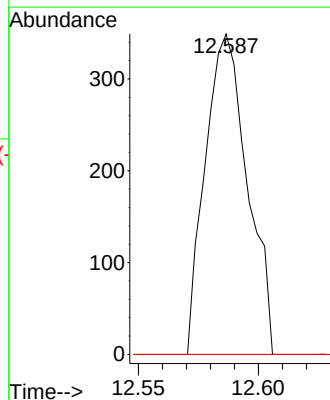
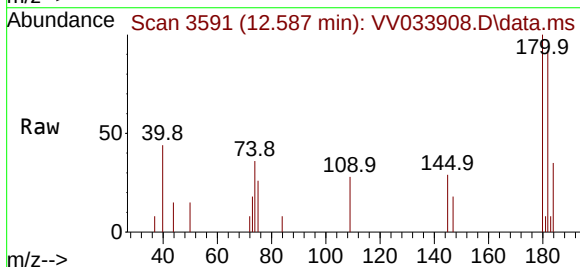
Tgt Ion: 75 Resp: 427

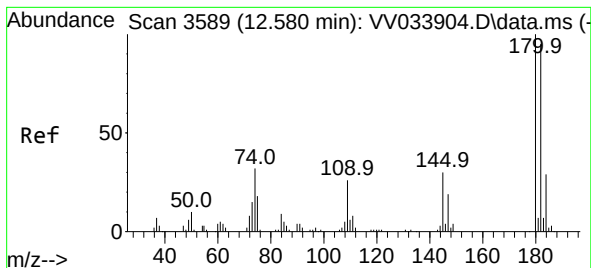
Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 0.0 84.6 127.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.192 ug/L

RT: 12.590 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion:180 Resp: 2202

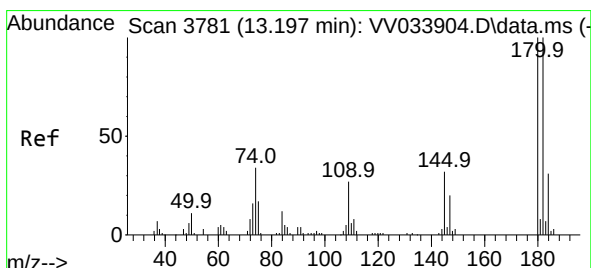
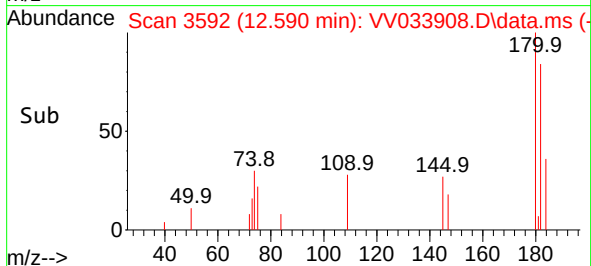
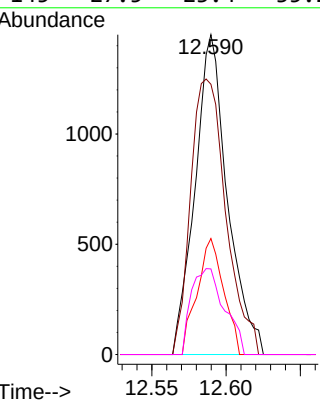
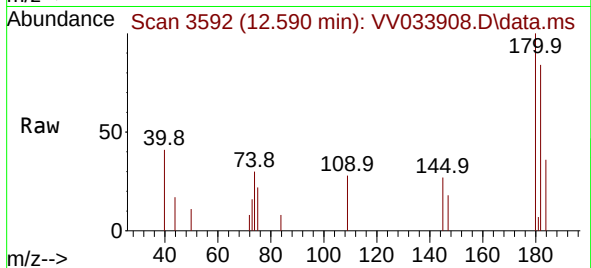
Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.4

184 29.6 23.8 35.6

145 27.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.204 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.010 min

Lab File: VV033908.D

Acq: 30 Jan 2024 11:42

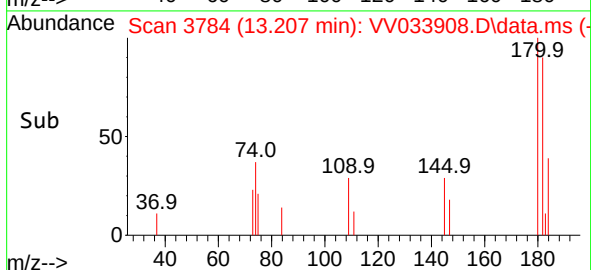
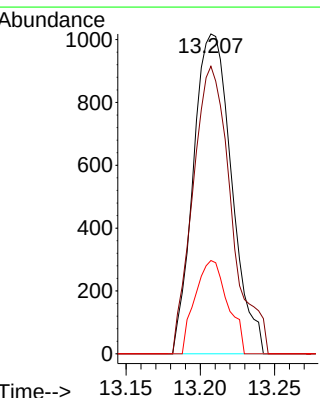
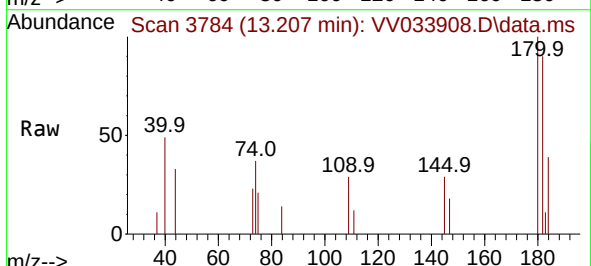
Tgt Ion:180 Resp: 1821

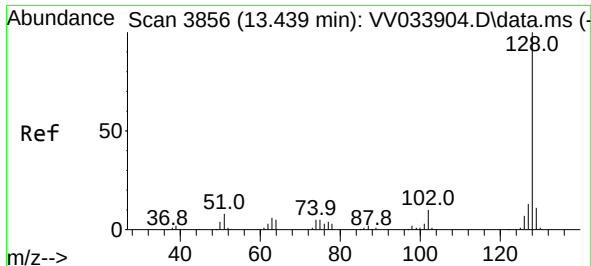
Ion Ratio Lower Upper

180 100

182 90.4 76.8 115.2

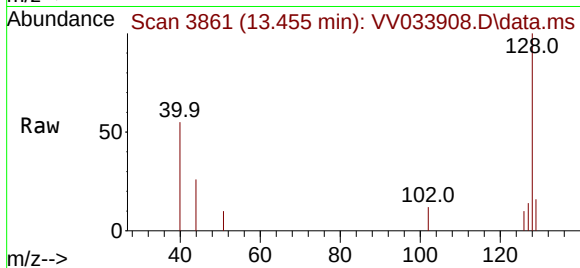
145 24.9 24.8 37.2



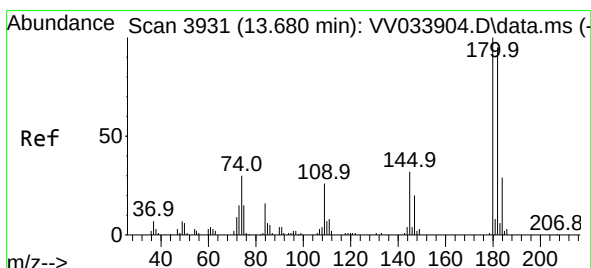
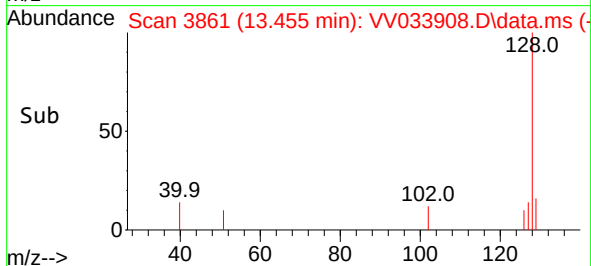
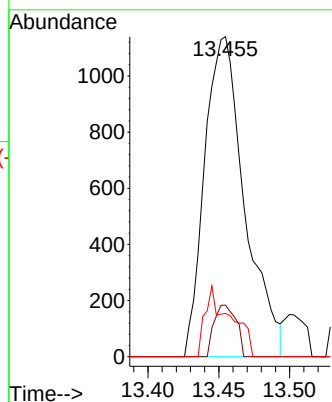


#71
Naphthalene
Concen: 0.191 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.013 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:128 Resp: 2242
Ion Ratio Lower Upper
128 100
129 8.9 8.5 12.7
127 14.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.211 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033908.D
Acq: 30 Jan 2024 11:42

Tgt Ion:180 Resp: 1513
Ion Ratio Lower Upper
180 100
182 90.4 75.0 112.6
145 28.8 25.2 37.8

