

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030437.D
 Acq On : 07 Apr 2023 12:54
 Operator : SY/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 10 03:55:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117365	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35555	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.535	69	37032	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.066	63	65029	3.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.812	46	93445	46.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	4.262	84	94312	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.953	65	48284	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.973	84	170356	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.998	67	52855	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.252	98	147860	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.564	79	17089	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	72054	46.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37757	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	59233	5.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	2802	0.188	ug/L	97
3) Chloromethane	1.217	50	8561	0.455	ug/L	94
5) Vinyl chloride	1.285	62	2780	0.203	ug/L #	75
6) Bromomethane	1.494	94	1189	0.304	ug/L	84
8) Chloroethane	1.555	64	1988	0.253	ug/L	90
9) Trichlorofluoromethane	1.719	101	4332	0.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	2898	0.262	ug/L #	84
12) 1,1-Dichloroethene	2.072	96	2445	0.249	ug/L #	1
13) Acetone	2.140	43	9678	5.037	ug/L	81
14) Carbon disulfide	2.249	76	5833	0.181	ug/L	99
15) Methyl Acetate	2.394	43	727	0.212	ug/L #	77
17) Methyl tert-butyl Ether	2.715	73	3641	0.175	ug/L #	84
18) trans-1,2-Dichloroethene	2.703	96	2015	0.195	ug/L	90
19) 1,1-Dichloroethane	3.124	63	4006	0.200	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	2275	0.219	ug/L #	100
23) Bromochloromethane	4.166	128	1034	0.214	ug/L #	87
27) 1,2-Dichloroethane	5.063	62	2744	0.224	ug/L #	78
29) 1,1,1-Trichloroethane	4.526	97	4118	0.221	ug/L #	87
30) Cyclohexane	4.600	56	3195	0.189	ug/L	87

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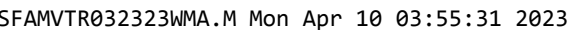
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

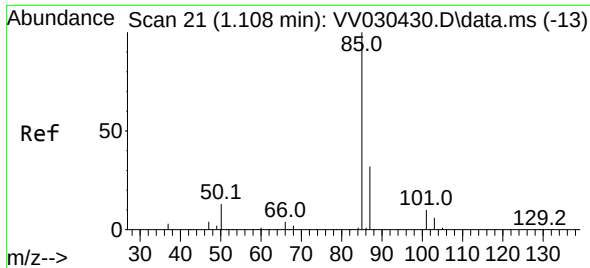
Quant Time: Apr 10 03:55:21 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.747	117	3550	0.210	ug/L	96
33) Benzene	5.024	78	8469	0.206	ug/L	100
34) Trichloroethene	5.850	95	1967	0.177	ug/L	86
35) Methylcyclohexane	6.056	83	3493	0.201	ug/L	96
37) 1,2-Dichloropropane	6.108	63	2413	0.229	ug/L #	88
38) Bromodichloromethane	6.445	83	2722	0.197	ug/L #	92
39) cis-1,3-Dichloropropene	6.976	75	3127	0.211	ug/L	89
40) 4-Methyl-2-pentanone	7.175	43	7865	1.415	ug/L #	82
42) Toluene	7.329	91	8388	0.192	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	2738	0.217	ug/L	93
45) 1,1,2-Trichloroethane	7.789	97	1542	0.208	ug/L	88
47) Tetrachloroethene	7.915	164	2136	0.218	ug/L	85
49) Dibromochloromethane	8.185	129	1559	0.176	ug/L	82
50) 1,2-Dibromoethane	8.294	107	1339	0.198	ug/L #	100
51) Chlorobenzene	8.825	112	5698	0.203	ug/L	97
52) Ethylbenzene	8.956	91	8471	0.177	ug/L	95
53) m,p-Xylene	9.085	106	3231	0.176	ug/L	95
54) o-Xylene	9.487	106	2997	0.171	ug/L	89
55) Styrene	9.509	104	4746	0.159	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.188	83	1980	0.225	ug/L #	92
59) Bromoform	9.677	173	987	0.209	ug/L #	94
60) Isopropylbenzene	9.876	105	7837	0.182	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	1106	0.211	ug/L #	70
62) 1,3,5-Trimethylbenzene	10.487	105	6834	0.194	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	6529	0.182	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	4484	0.208	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	4337	0.200	ug/L	92
67) 1,2-Dichlorobenzene	11.590	146	3710	0.191	ug/L	92
69) 1,3,5-Trichlorobenzene	12.593	180	3444	0.208	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2652	0.207	ug/L	95
71) Naphthalene	13.455	128	4208	0.230	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.689	180	2008	0.181	ug/L #	93

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

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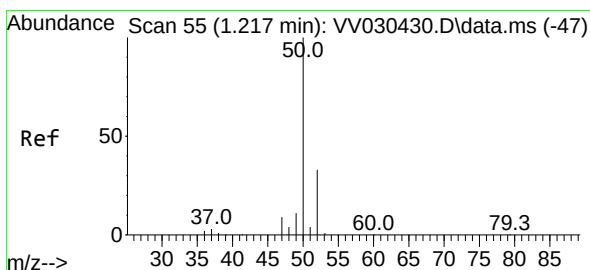
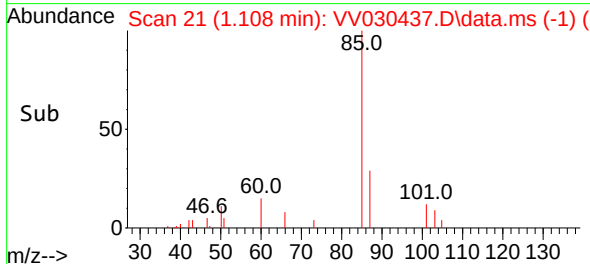
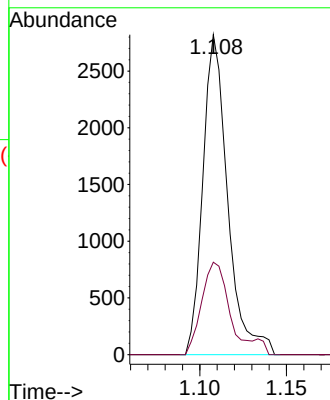
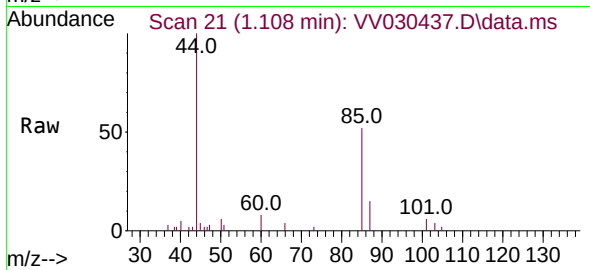




#2
 Dichlorodifluoromethane
 Concen: 0.188 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

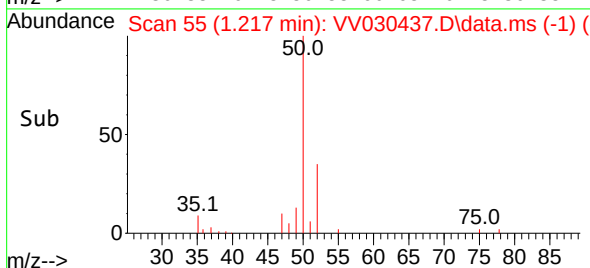
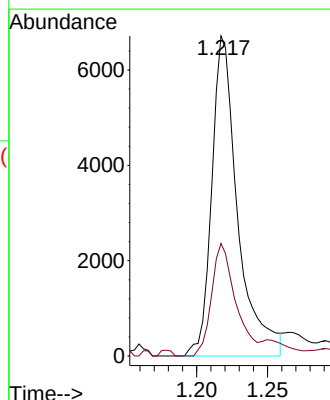
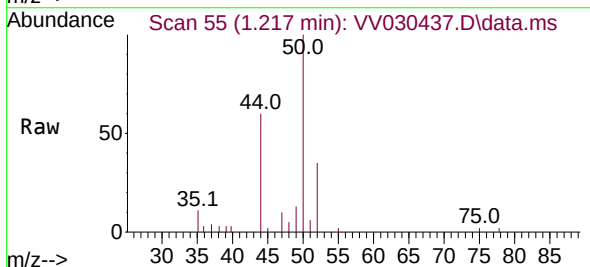
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2023-04

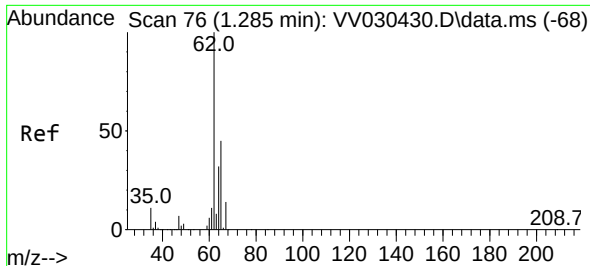
Tgt Ion: 85 Resp: 2802
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.6 38.4



#3
 Chloromethane
 Concen: 0.455 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

Tgt Ion: 50 Resp: 8561
 Ion Ratio Lower Upper
 50 100
 52 35.2 22.3 41.5

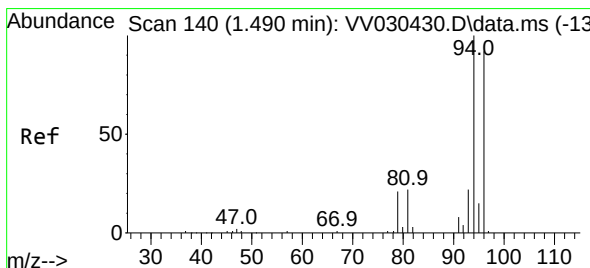
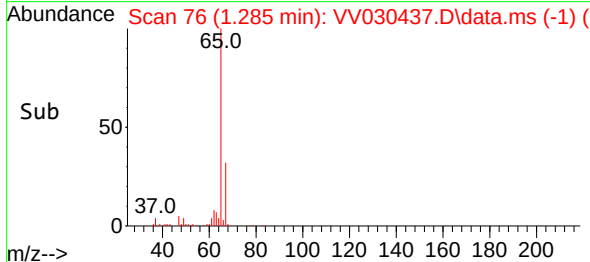
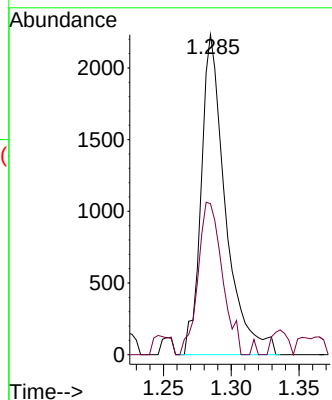
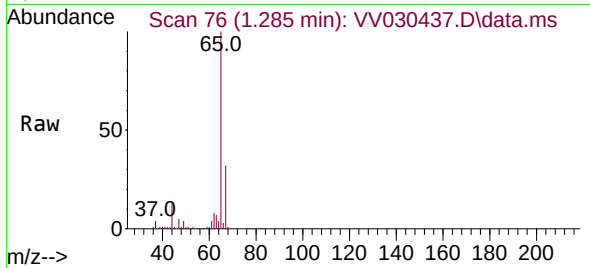




#5
 Vinyl chloride
 Concen: 0.203 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

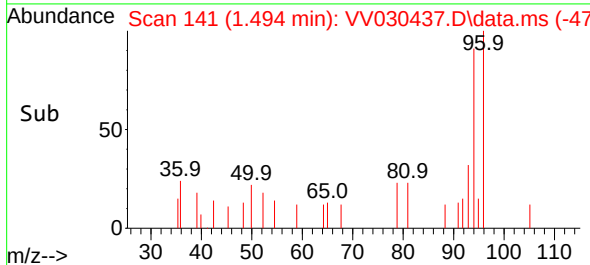
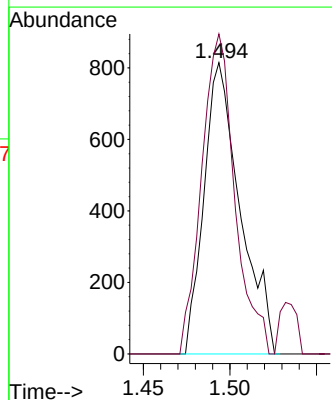
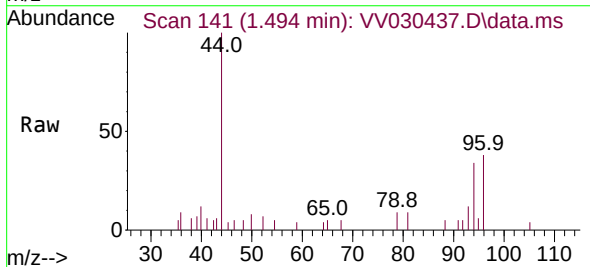
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 MDL-WATER-QT2-2023-04

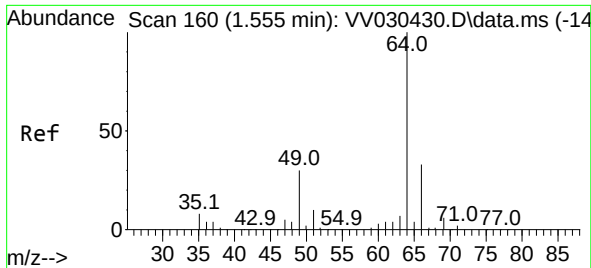
Tgt Ion: 62 Resp: 2780
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.2 43.2#



#6
 Bromomethane
 Concen: 0.304 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

Tgt Ion: 94 Resp: 1189
 Ion Ratio Lower Upper
 94 100
 96 109.8 66.1 122.7

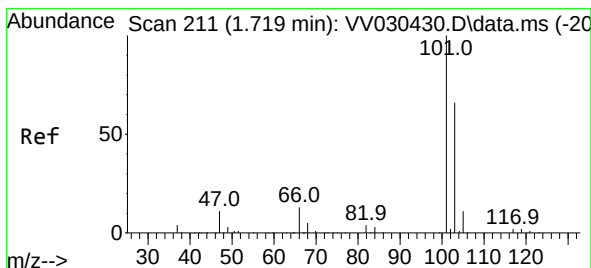
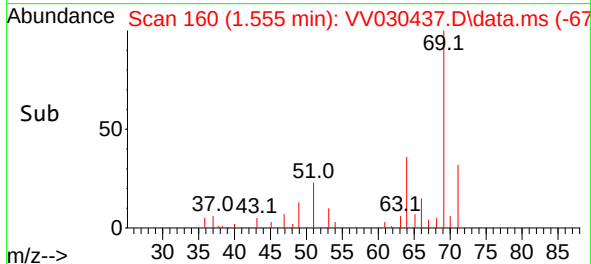
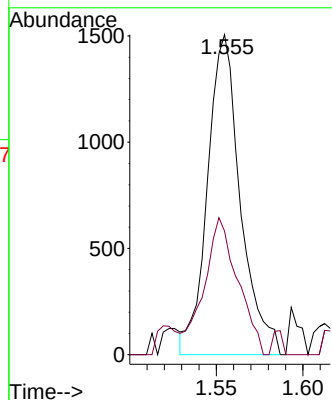
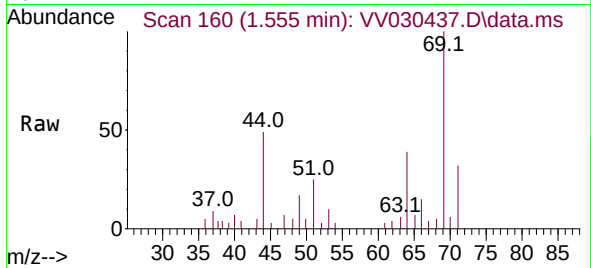




#8
Chloroethane
Concen: 0.253 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

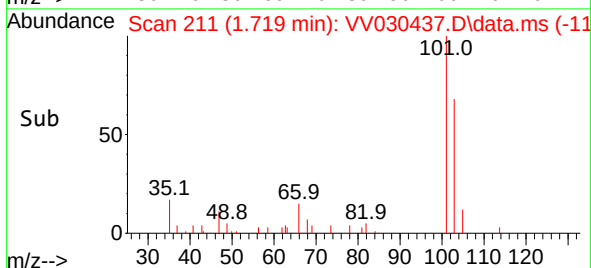
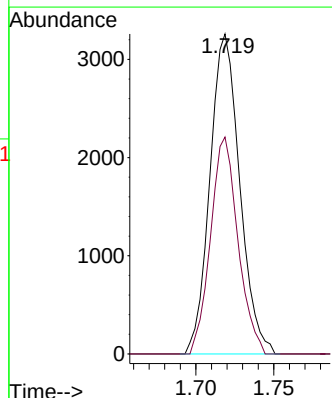
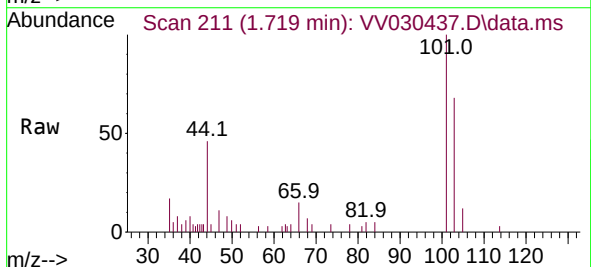
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2023-04

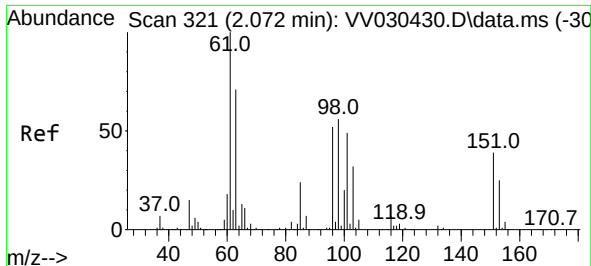
Tgt Ion: 64 Resp: 1988
Ion Ratio Lower Upper
64 100
66 38.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.217 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:101 Resp: 4332
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.6





#10

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

Concen: 0.262 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

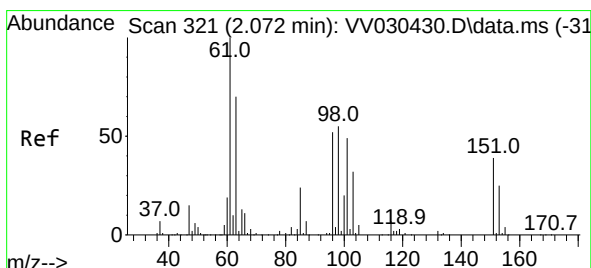
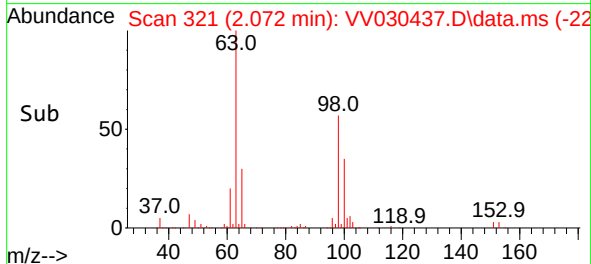
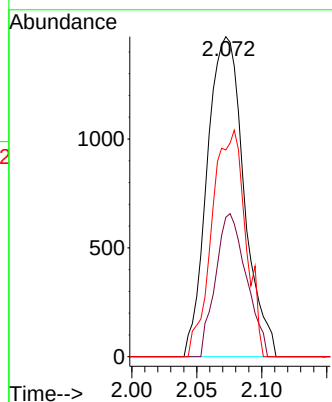
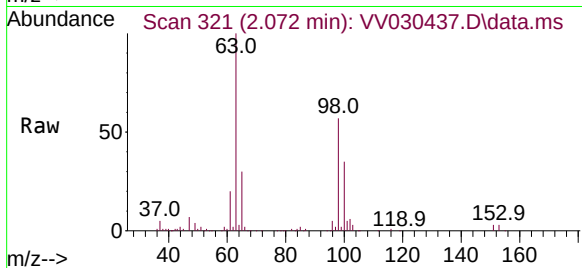
Tgt Ion:101 Resp: 2898

Ion Ratio Lower Upper

101 100

85 37.3 38.1 57.1#

151 64.7 62.7 94.1



#12

1,1-Dichloroethene

Concen: 0.249 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

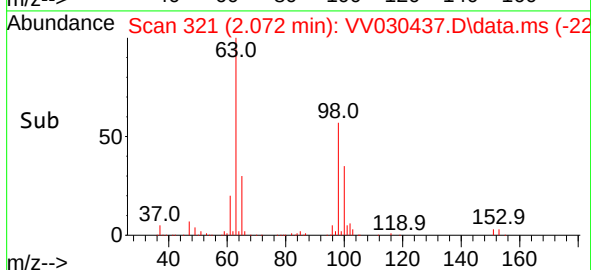
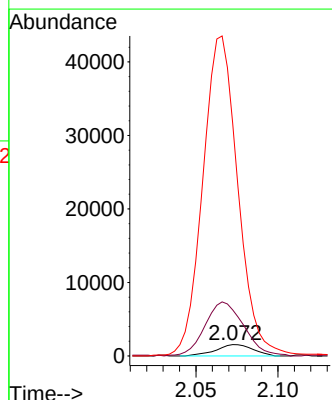
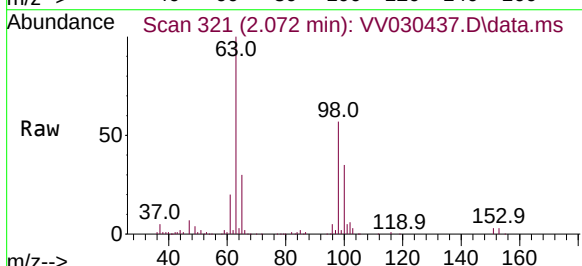
Tgt Ion: 96 Resp: 2445

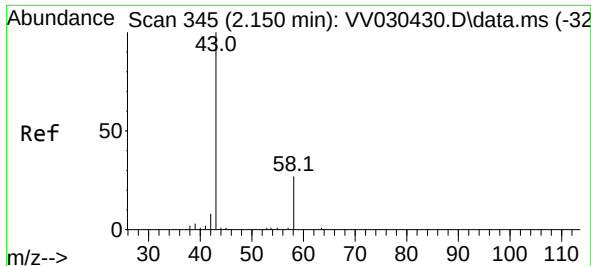
Ion Ratio Lower Upper

96 100

61 407.2 136.3 253.1#

63 2055.3 92.1 171.1#





#13

Acetone

Concen: 5.037 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.010 min

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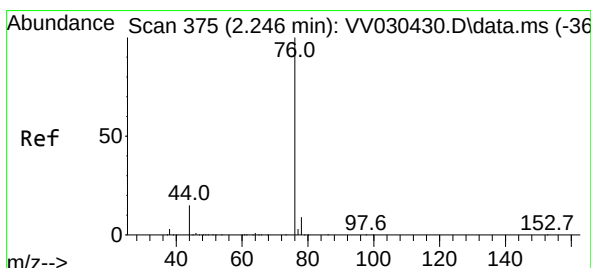
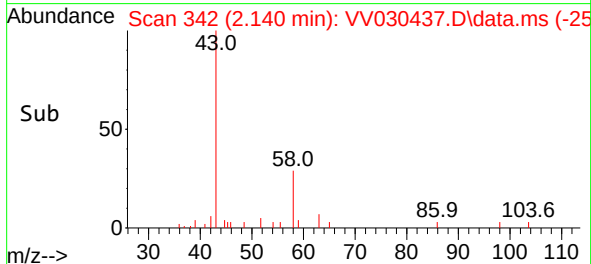
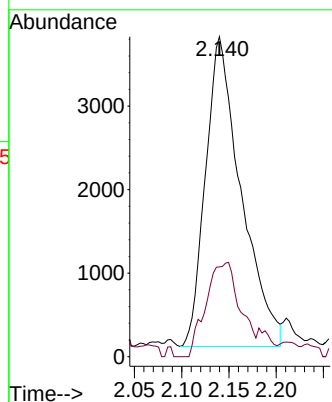
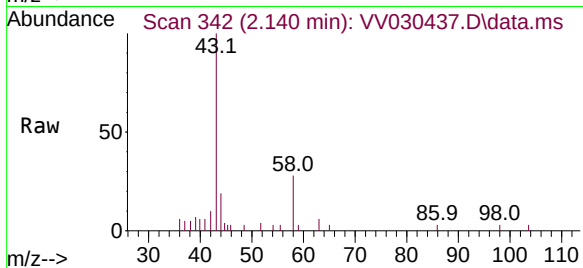
MDL-WATER-QT2-2023-04

Tgt Ion: 43 Resp: 9678

Ion Ratio Lower Upper

43 100

58 29.4 0.0 40.8



#14

Carbon disulfide

Concen: 0.181 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030437.D

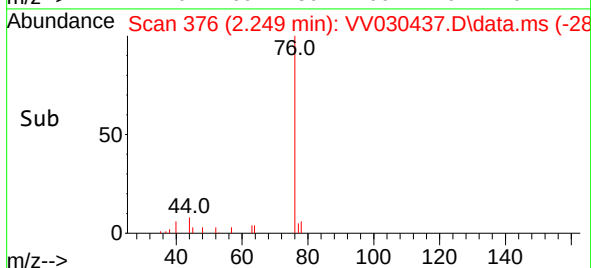
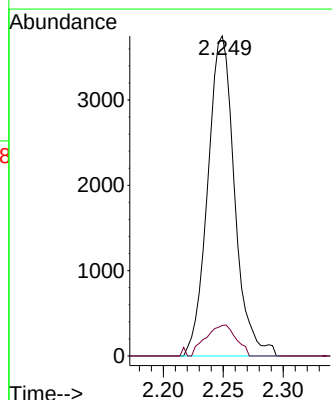
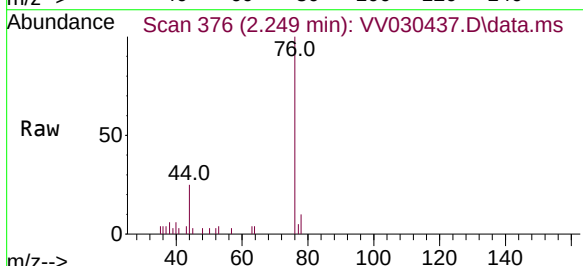
Acq: 07 Apr 2023 12:54

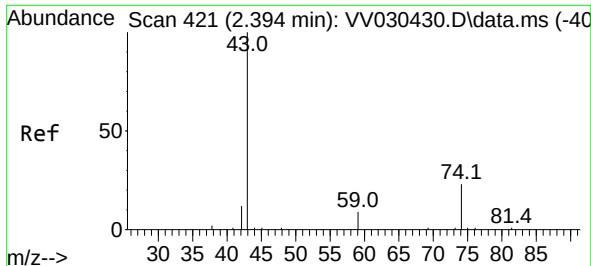
Tgt Ion: 76 Resp: 5833

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

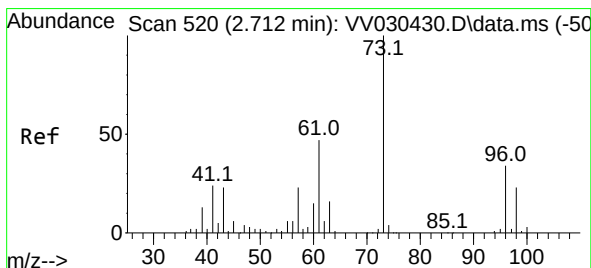
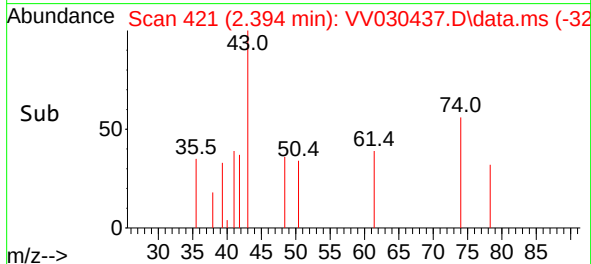
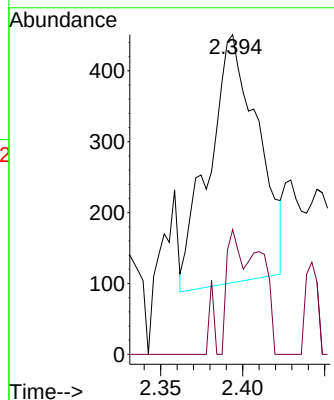
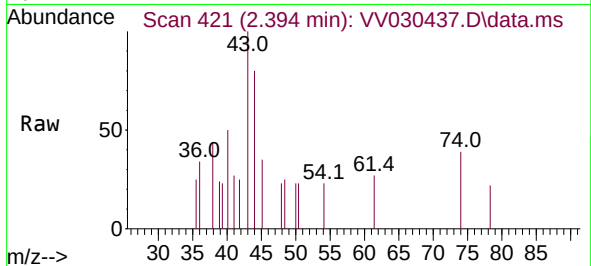




#15
Methyl Acetate
Concen: 0.212 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

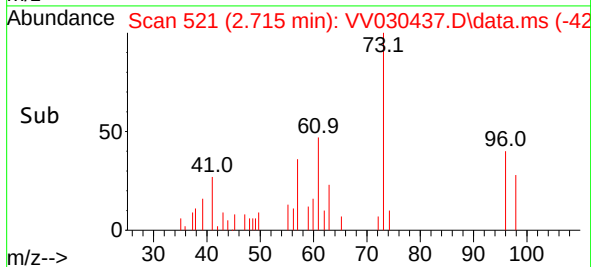
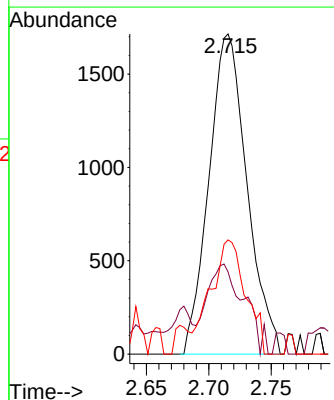
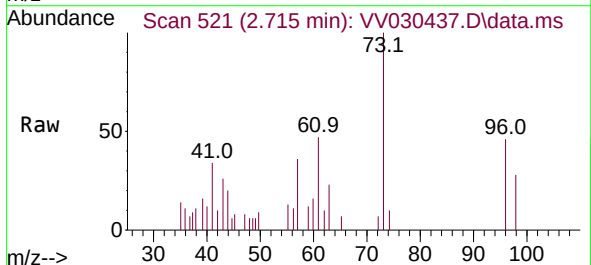
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

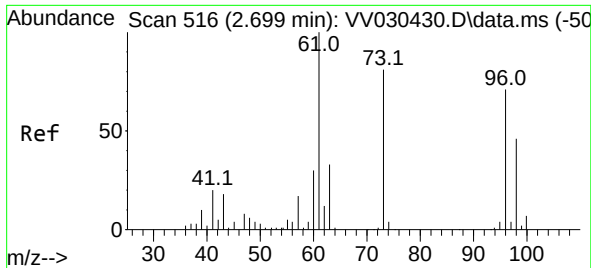
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
74 15.7 22.1 33.1#



#17
Methyl tert-butyl Ether
Concen: 0.175 ug/L
RT: 2.715 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 73 Resp: 3641
Ion Ratio Lower Upper
73 100
43 27.5 17.4 26.2#
57 32.8 18.3 27.5#



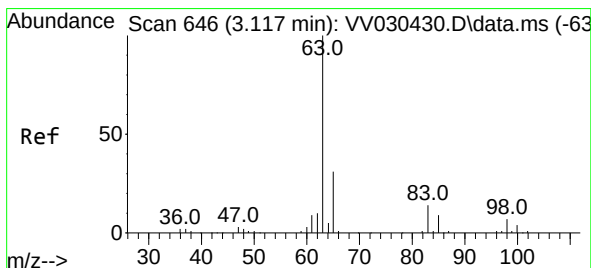
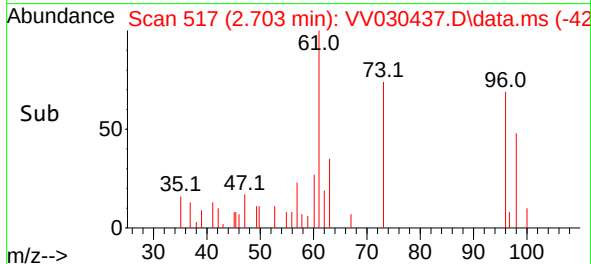
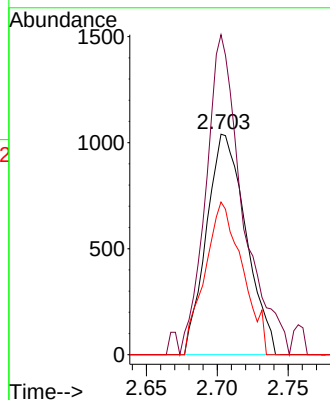
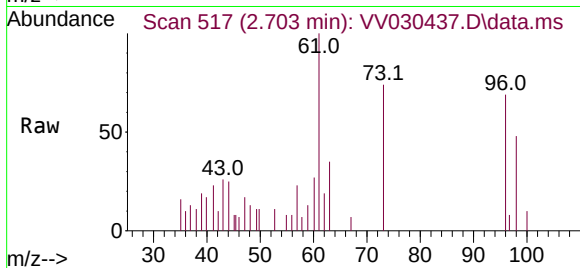


#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion: 96 Resp: 2015

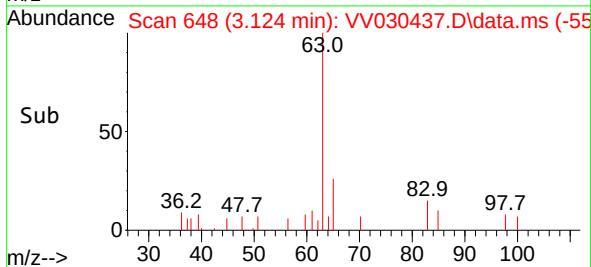
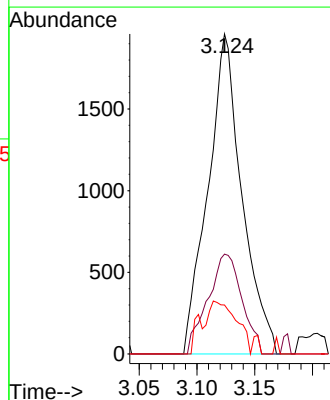
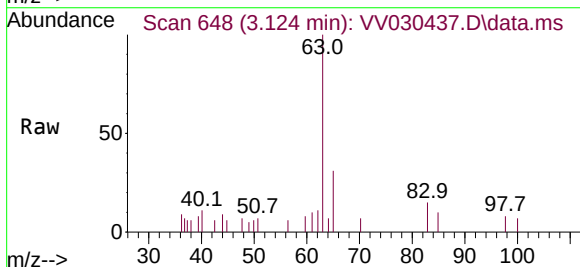
Ion	Ratio	Lower	Upper
96	100		
61	130.3	101.7	188.9
98	62.2	45.8	85.2

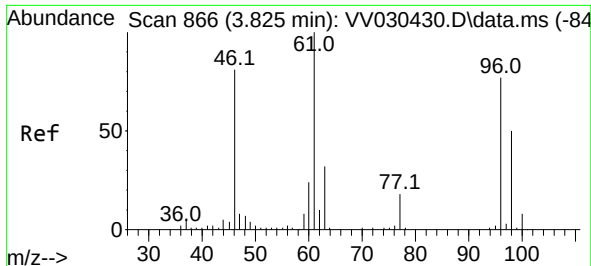


#19
1,1-Dichloroethane
Concen: 0.200 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 63 Resp: 4006

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.7	40.3
83	15.3	9.1	16.9





#22

cis-1,2-Dichloroethene

Concen: 0.219 ug/L

RT: 3.828 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

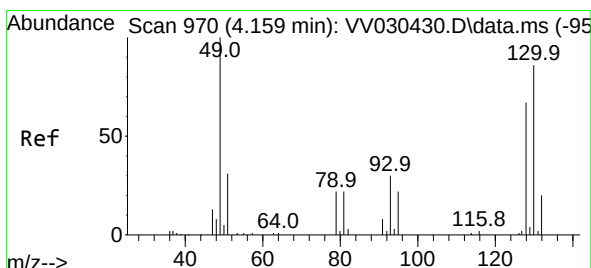
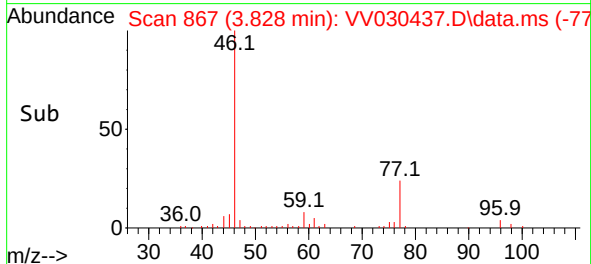
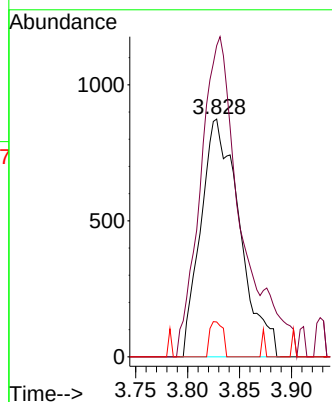
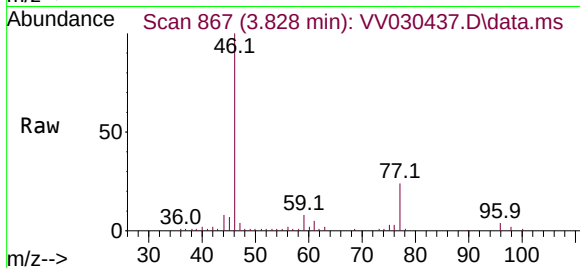
Tgt Ion: 96 Resp: 2275

Ion Ratio Lower Upper

96 100

61 130.9 92.0 170.8

68 14.6 0.0 0.0#



#23

Bromochloromethane

Concen: 0.214 ug/L

RT: 4.166 min Scan# 972

Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Tgt Ion: 128 Resp: 1034

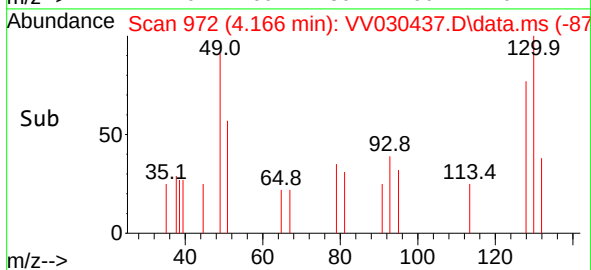
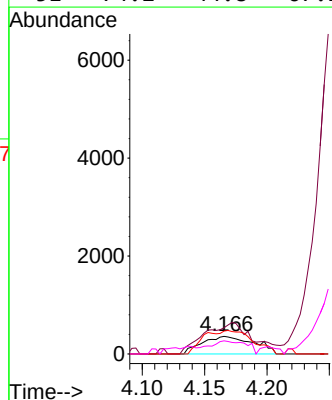
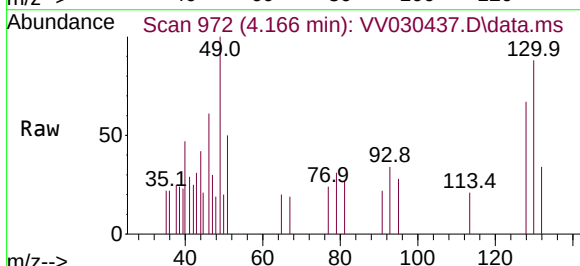
Ion Ratio Lower Upper

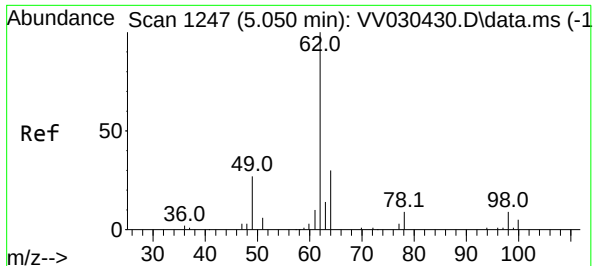
128 100

49 148.2 119.4 221.8

130 129.9 89.2 165.8

51 74.2 44.8 67.2#





#27

1,2-Dichloroethane

Concen: 0.224 ug/L

RT: 5.063 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

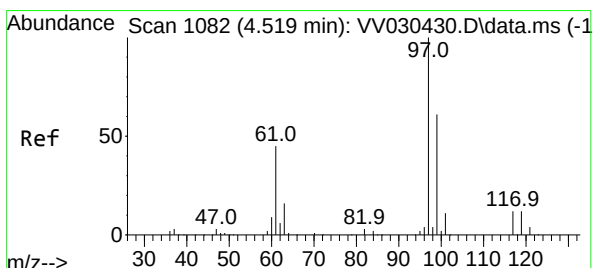
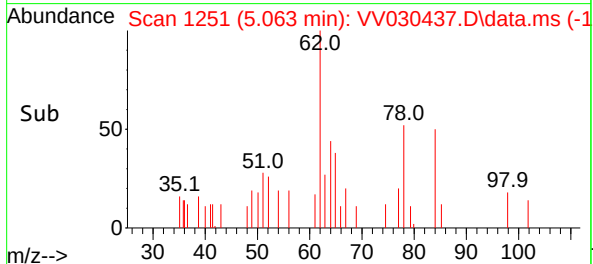
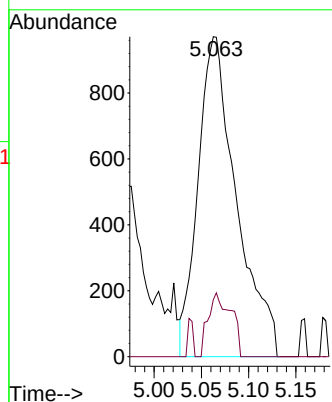
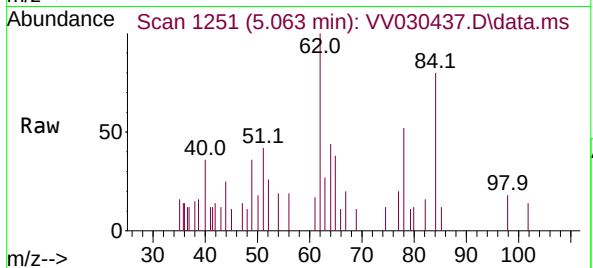
MDL-WATER-QT2-2023-04

Tgt Ion: 62 Resp: 2744

Ion Ratio Lower Upper

62 100

98 17.8 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 0.221 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

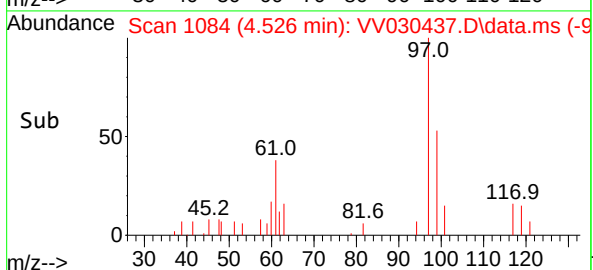
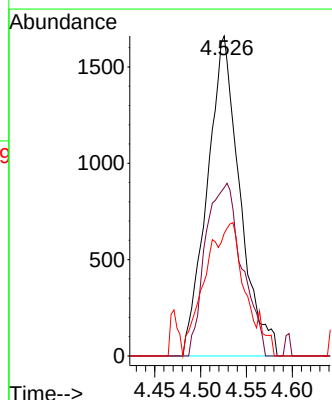
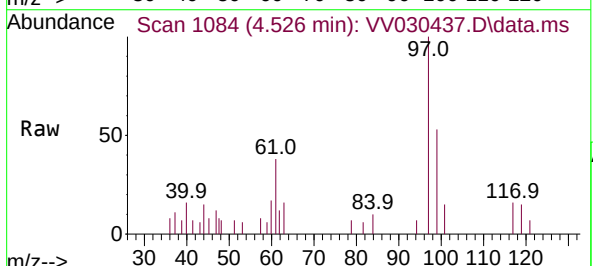
Tgt Ion: 97 Resp: 4118

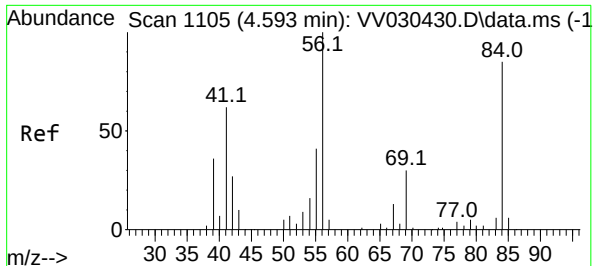
Ion Ratio Lower Upper

97 100

99 60.2 50.9 76.3

61 28.3 35.9 53.9#

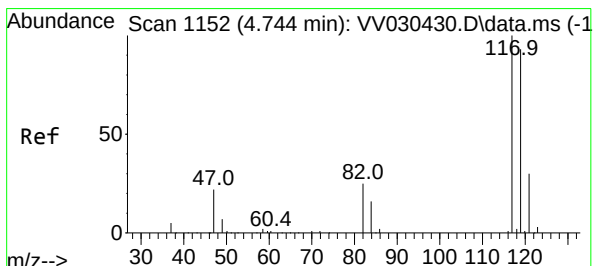
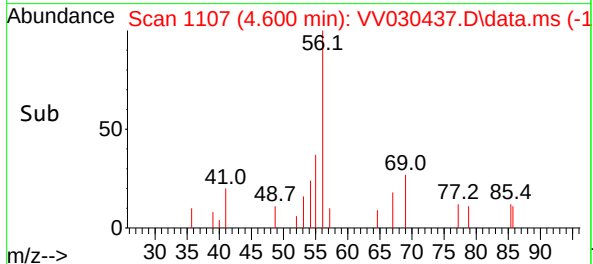
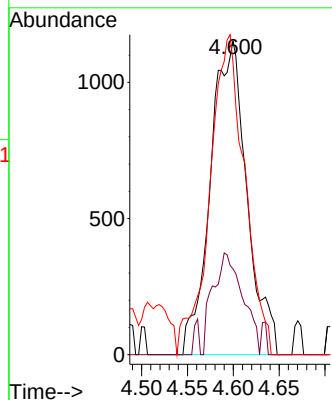
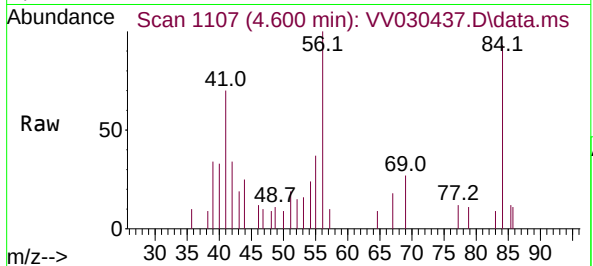




#30
Cyclohexane
Concen: 0.189 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

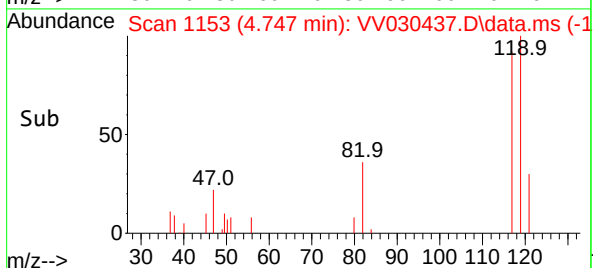
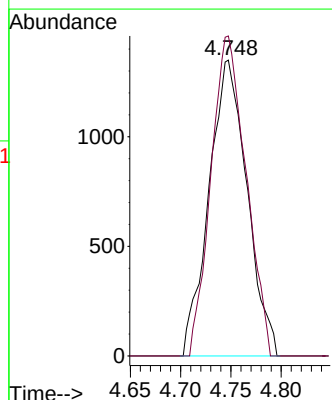
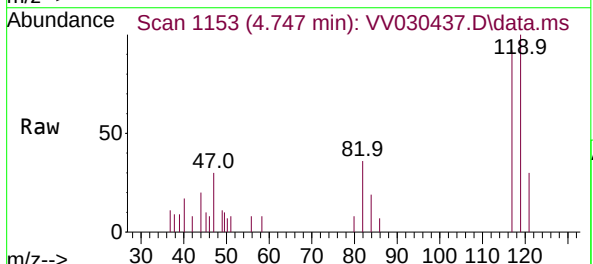
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

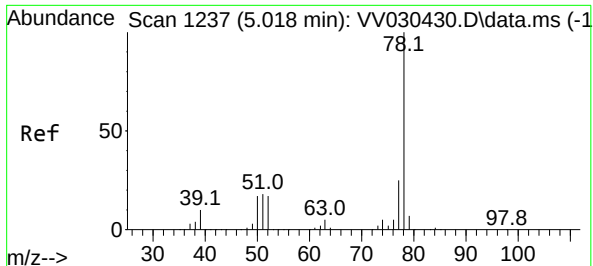
Tgt Ion: 56 Resp: 3195
Ion Ratio Lower Upper
56 100
69 26.5 24.2 36.2
84 97.2 66.6 100.0



#31
Carbon tetrachloride
Concen: 0.210 ug/L
RT: 4.747 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 117 Resp: 3550
Ion Ratio Lower Upper
117 100
119 99.6 76.2 114.4





#33

Benzene

Concen: 0.206 ug/L

RT: 5.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

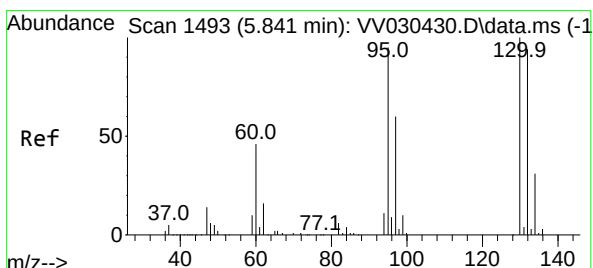
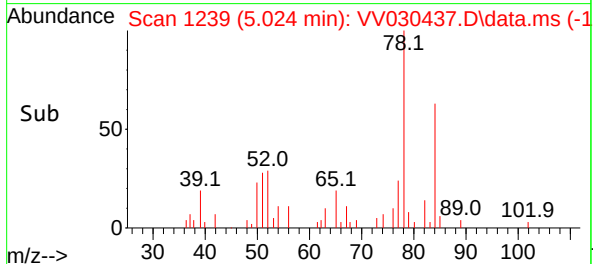
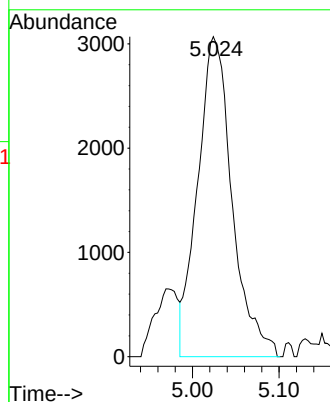
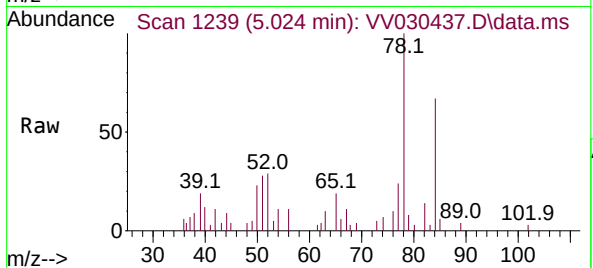
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 78 Resp: 8469



#34

Trichloroethene

Concen: 0.177 ug/L

RT: 5.850 min Scan# 1496

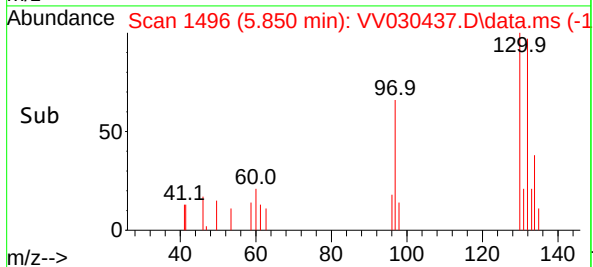
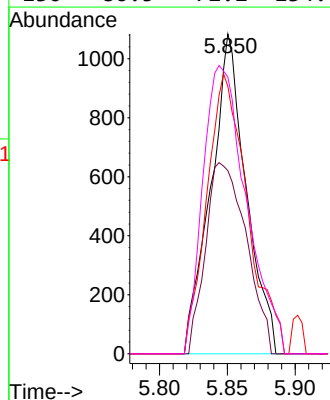
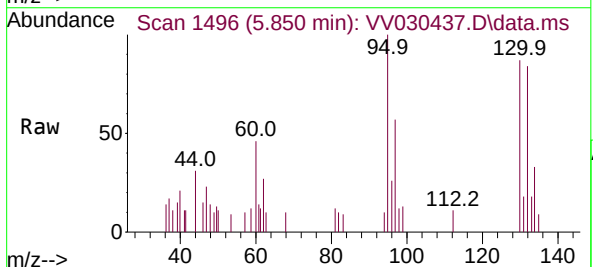
Delta R.T. 0.010 min

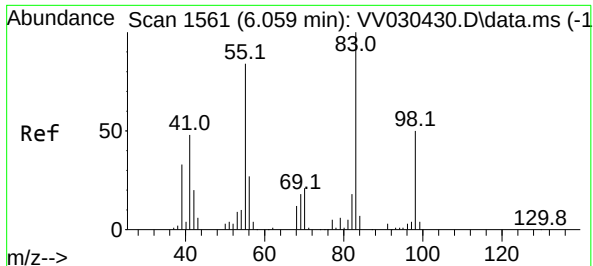
Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Tgt Ion: 95 Resp: 1967

Ion	Ratio	Lower	Upper
95	100		
97	57.3	44.2	82.2
132	83.6	69.5	129.1
130	86.5	72.2	134.0





#35

Methylcyclohexane

Concen: 0.201 ug/L

RT: 6.056 min Scan# 1561

Delta R.T. -0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

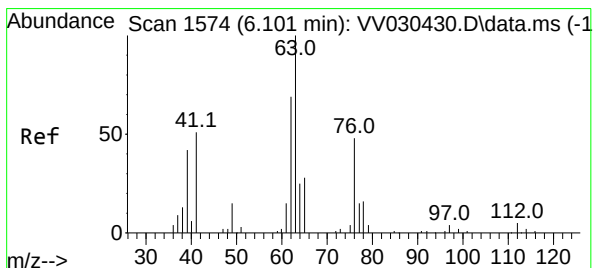
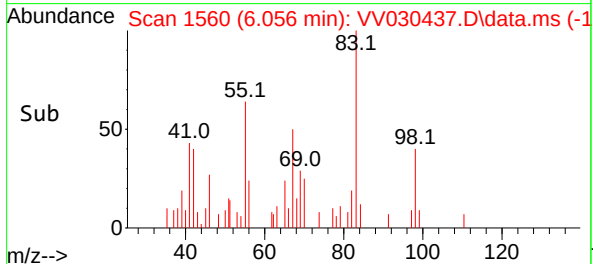
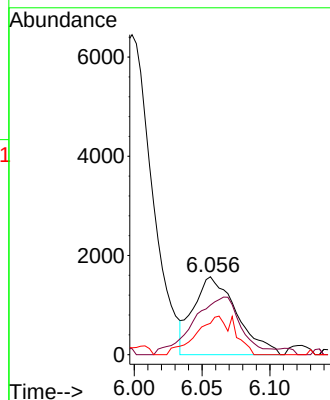
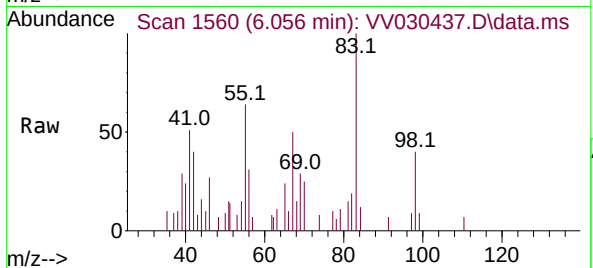
Tgt Ion: 83 Resp: 3493

Ion Ratio Lower Upper

83 100

55 81.4 66.6 100.0

98 43.7 38.6 58.0



#37

1,2-Dichloropropane

Concen: 0.229 ug/L

RT: 6.108 min Scan# 1576

Delta R.T. 0.006 min

Lab File: VV030437.D

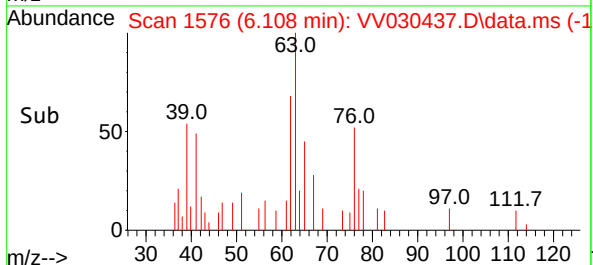
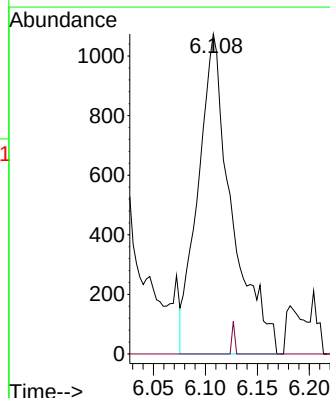
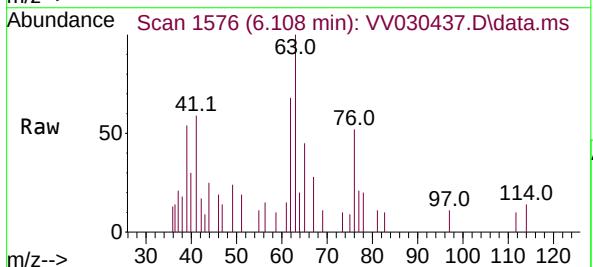
Acq: 07 Apr 2023 12:54

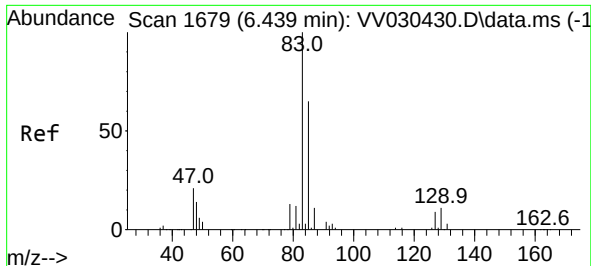
Tgt Ion: 63 Resp: 2413

Ion Ratio Lower Upper

63 100

112 0.9 3.9 5.9#

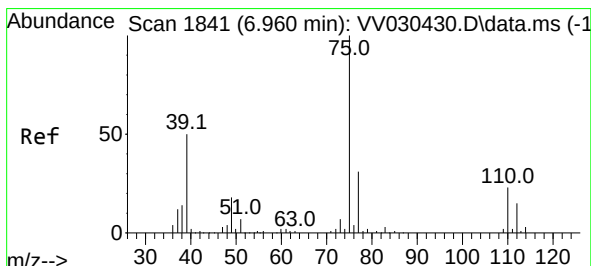
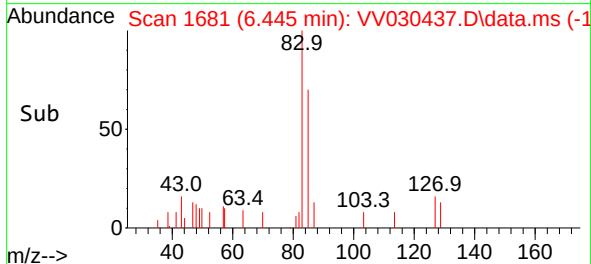
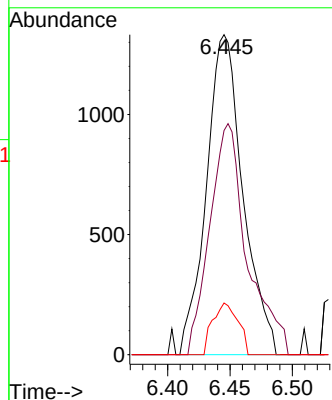
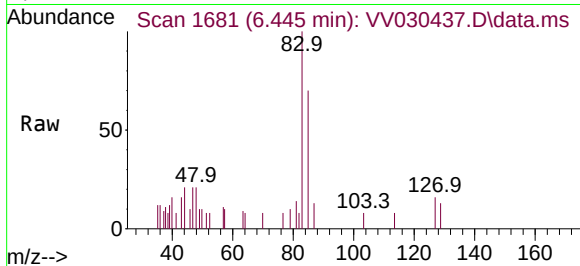




#38
Bromodichloromethane
Concen: 0.197 ug/L
RT: 6.445 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

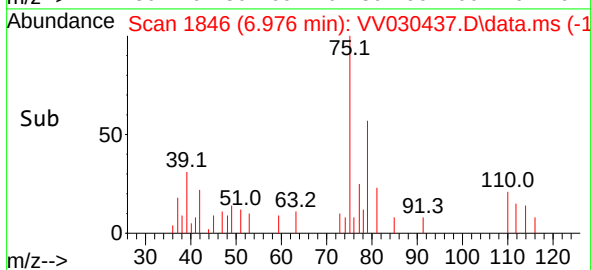
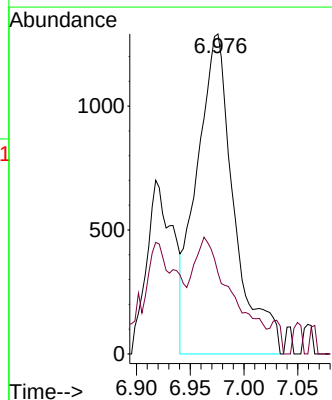
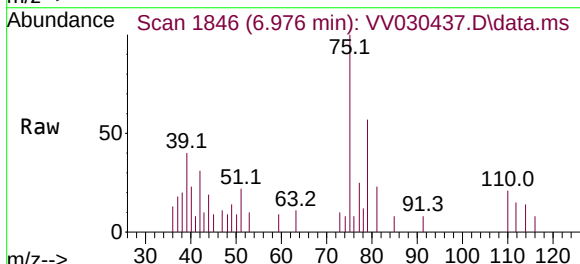
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

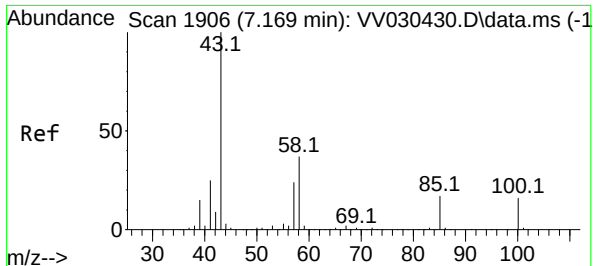
Tgt Ion: 83 Resp: 2722
Ion Ratio Lower Upper
83 100
85 70.0 45.3 84.1
127 16.1 7.0 10.4#



#39
cis-1,3-Dichloropropene
Concen: 0.211 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. 0.016 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 75 Resp: 3127
Ion Ratio Lower Upper
75 100
77 25.3 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 1.415 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

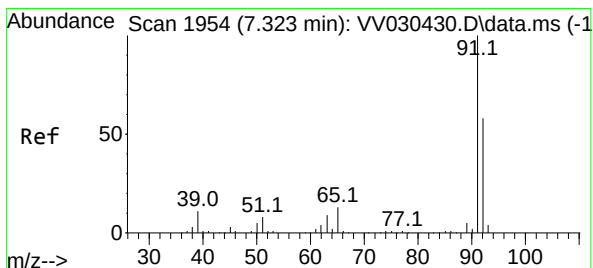
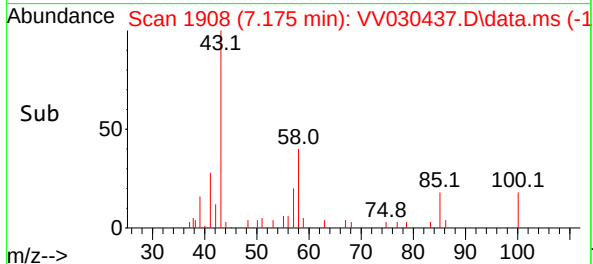
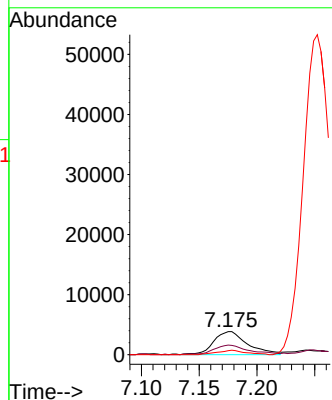
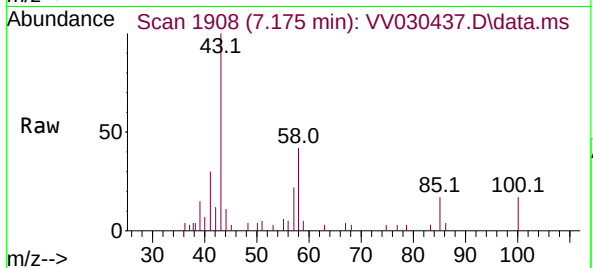
Tgt Ion: 43 Resp: 7865

Ion Ratio Lower Upper

43 100

58 43.2 28.8 43.2#

100 0.0 10.7 16.1#



#42

Toluene

Concen: 0.192 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VV030437.D

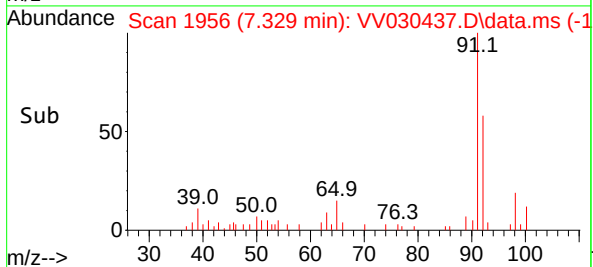
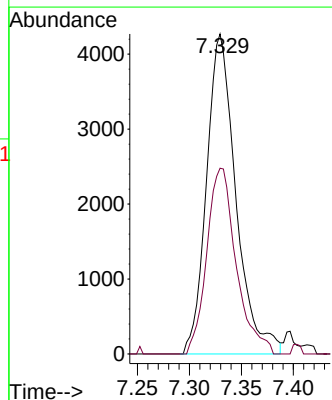
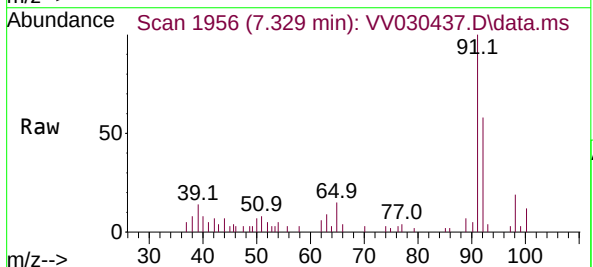
Acq: 07 Apr 2023 12:54

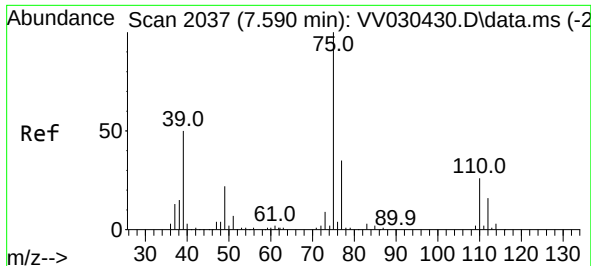
Tgt Ion: 91 Resp: 8388

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0

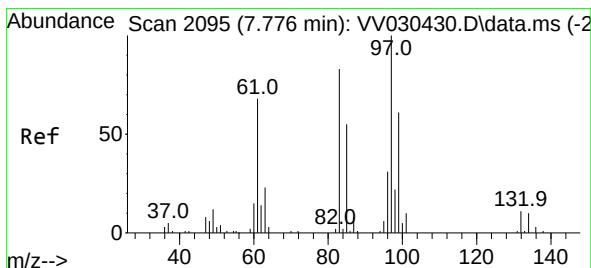
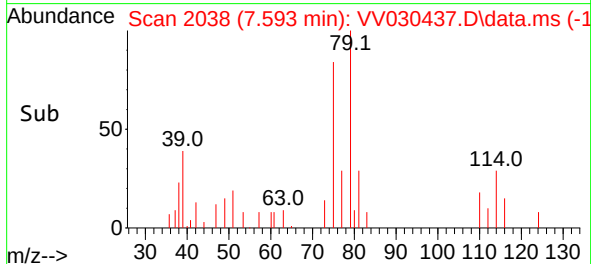
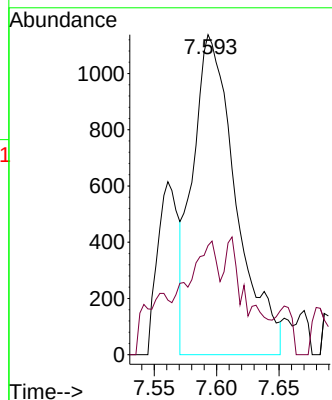
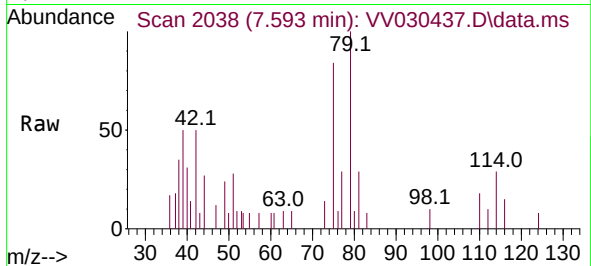




#44
trans-1,3-Dichloropropene
Concen: 0.217 ug/L
RT: 7.593 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

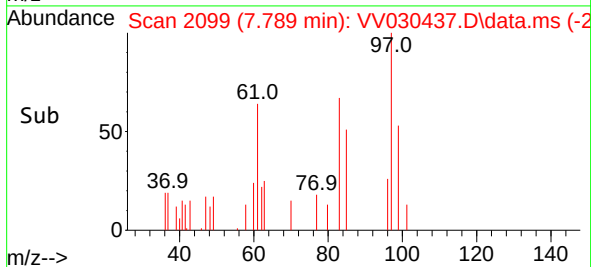
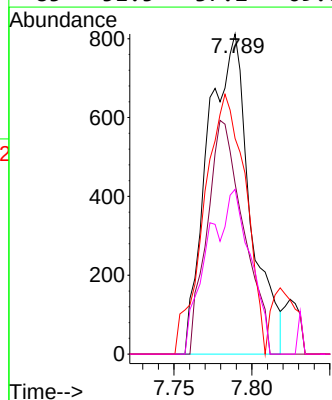
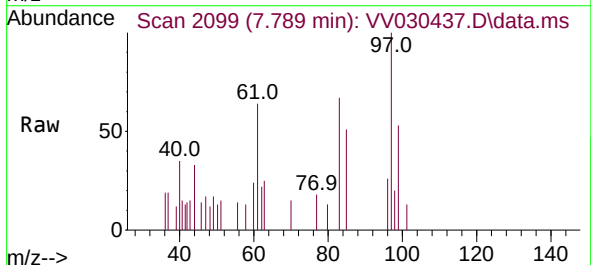
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

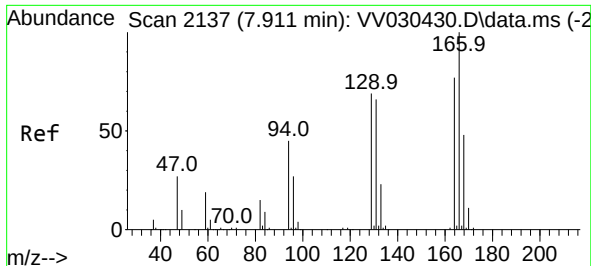
Tgt Ion: 75 Resp: 2738
Ion Ratio Lower Upper
75 100
77 34.1 21.2 39.4



#45
1,1,2-Trichloroethane
Concen: 0.208 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. 0.013 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 97 Resp: 1542
Ion Ratio Lower Upper
97 100
99 53.3 44.0 81.8
83 67.4 58.8 109.2
85 51.5 37.2 69.0

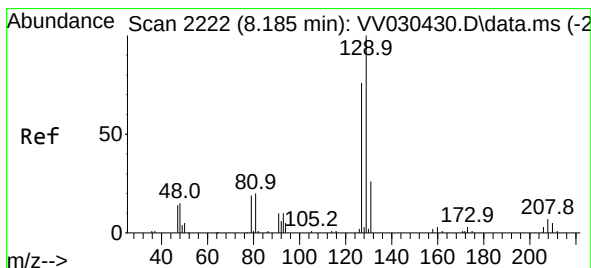
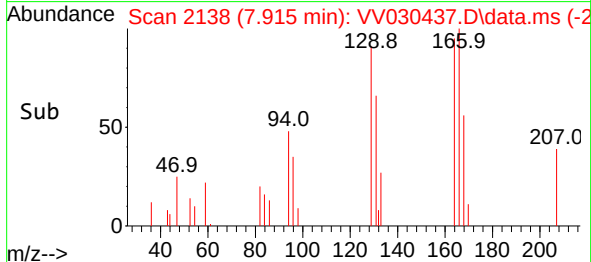
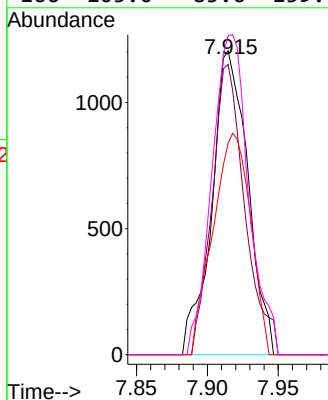
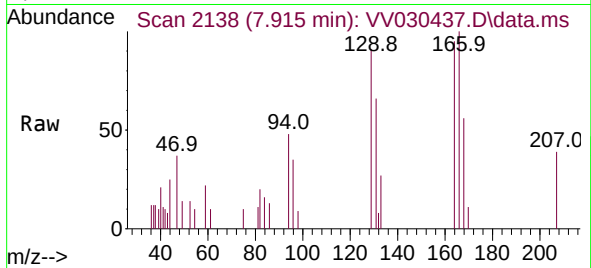




#47
Tetrachloroethene
Concen: 0.218 ug/L
RT: 7.915 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

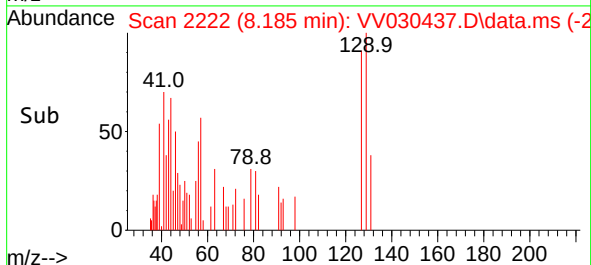
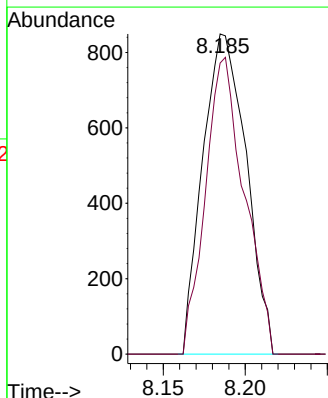
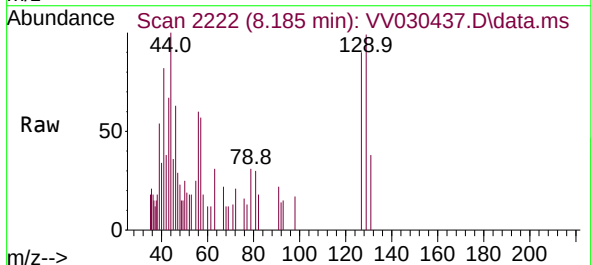
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04

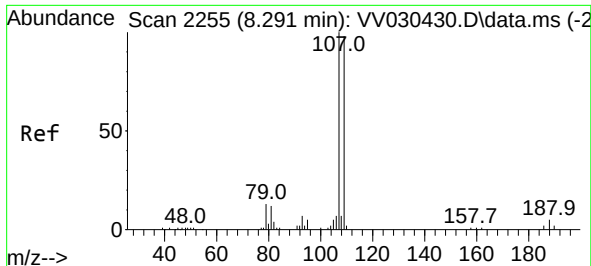
Tgt	Ion:164	Resp:	2136
Ion	Ratio	Lower	Upper
164	100		
129	95.5	60.8	112.8
131	69.5	61.7	114.7
166	105.0	85.6	159.0



#49
Dibromochloromethane
Concen: 0.176 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:129	Resp:	1559	
Ion	Ratio	Lower	Upper
129	100		
127	90.9	52.7	97.9





#50

1,2-Dibromoethane

Concen: 0.198 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

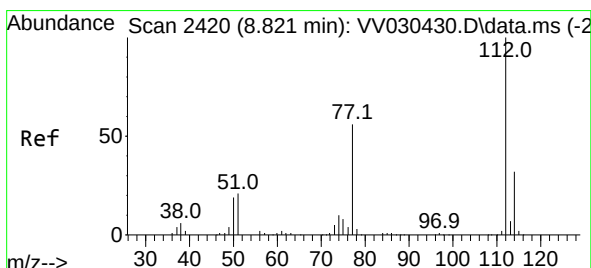
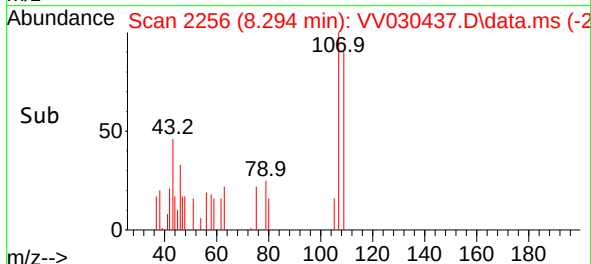
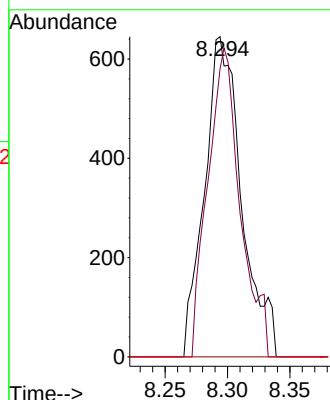
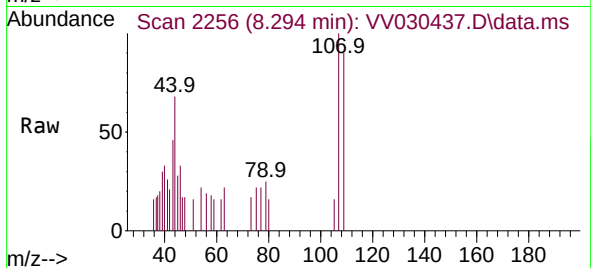
Tgt Ion:107 Resp: 1339

Ion Ratio Lower Upper

107 100

109 89.9 62.9 116.9

188 0.0 3.0 4.6#



#51

Chlorobenzene

Concen: 0.203 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

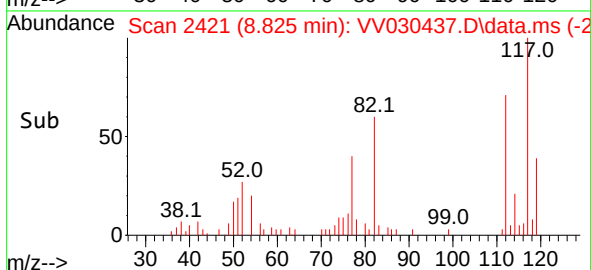
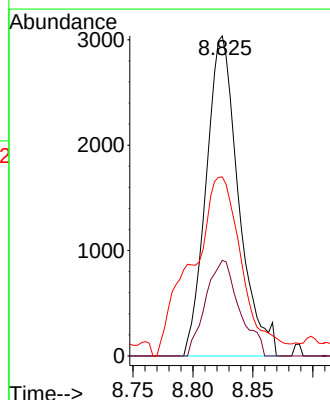
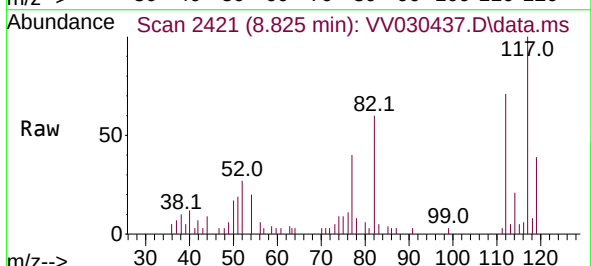
Tgt Ion:112 Resp: 5698

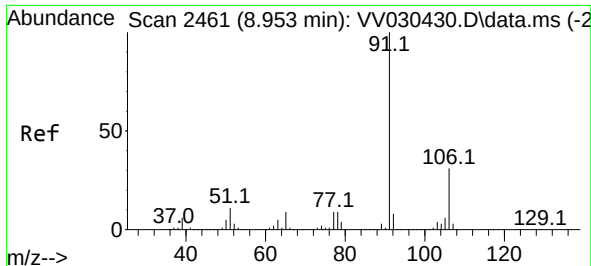
Ion Ratio Lower Upper

112 100

114 29.9 22.4 41.6

77 56.0 45.9 68.9

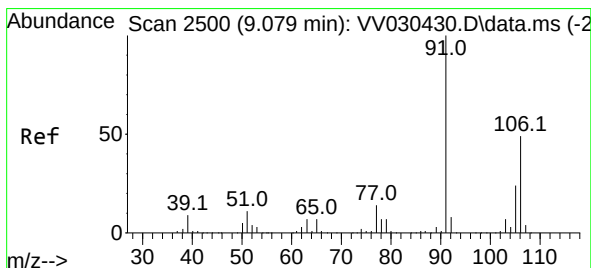
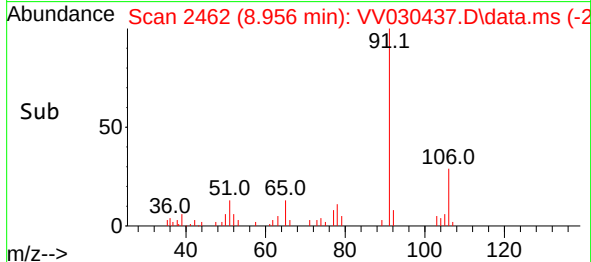
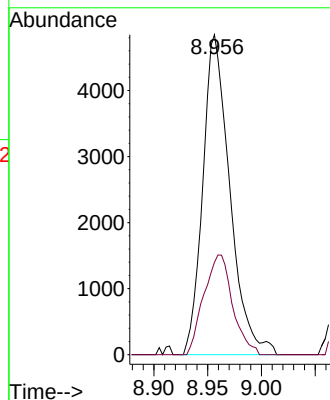
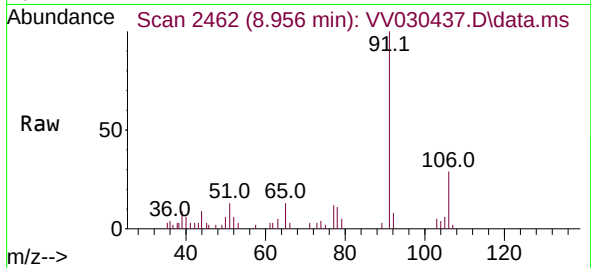




#52
Ethylbenzene
Concen: 0.177 ug/L
RT: 8.956 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

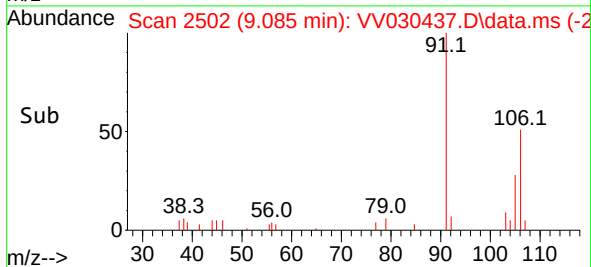
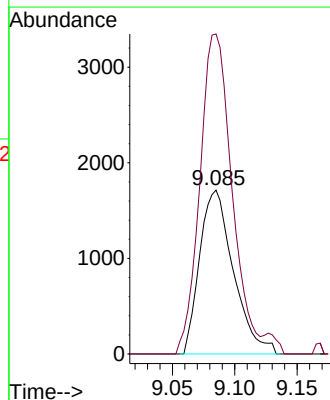
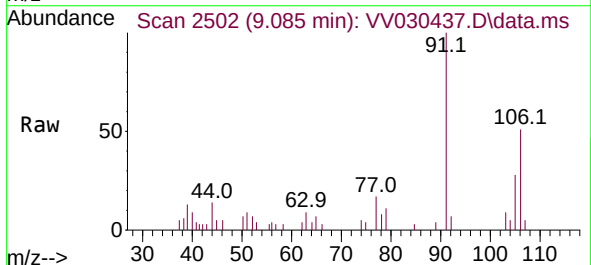
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

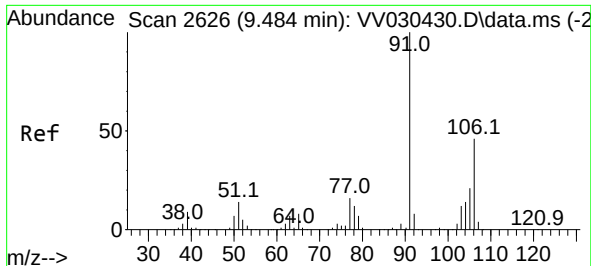
Tgt Ion: 91 Resp: 8471
Ion Ratio Lower Upper
91 100
106 28.8 22.2 41.2



#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion: 106 Resp: 3231
Ion Ratio Lower Upper
106 100
91 195.2 142.4 264.4

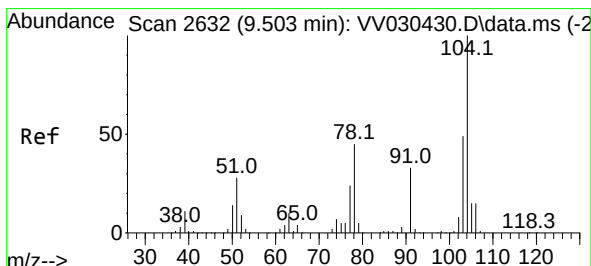
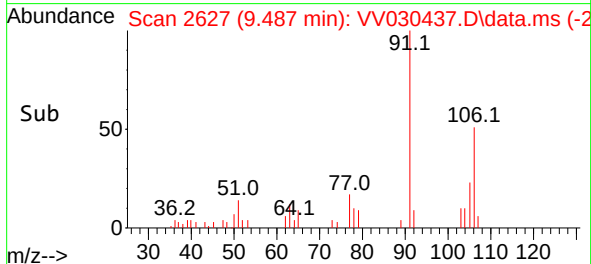
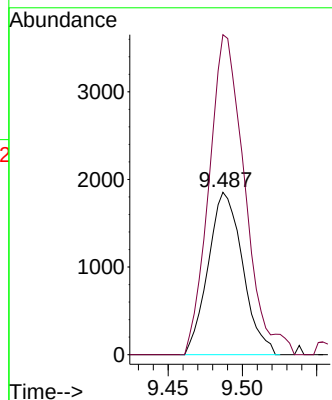
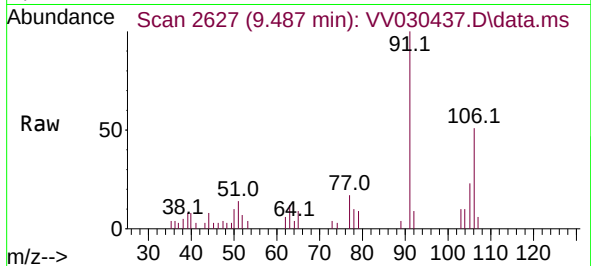




#54
o-Xylene
Concen: 0.171 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

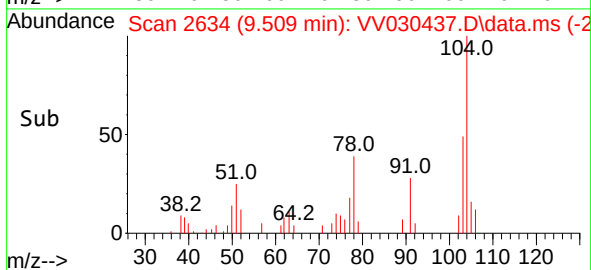
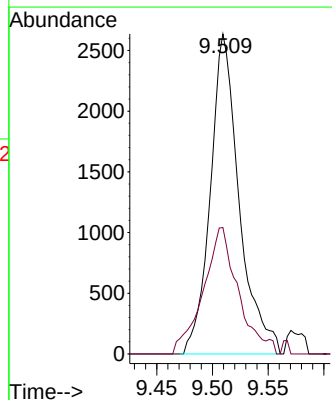
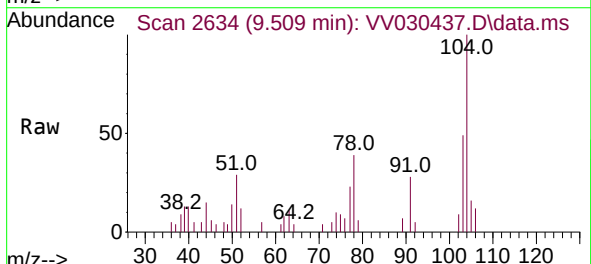
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

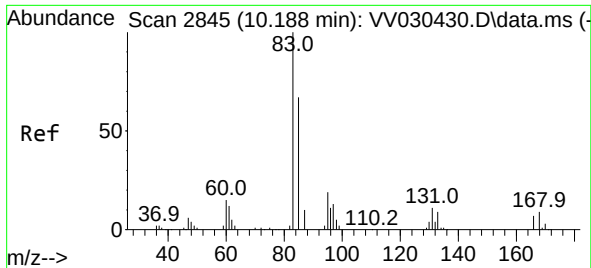
Tgt Ion:106 Resp: 2997
Ion Ratio Lower Upper
106 100
91 197.1 149.8 278.2



#55
Styrene
Concen: 0.159 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:104 Resp: 4746
Ion Ratio Lower Upper
104 100
78 39.5 31.9 59.2

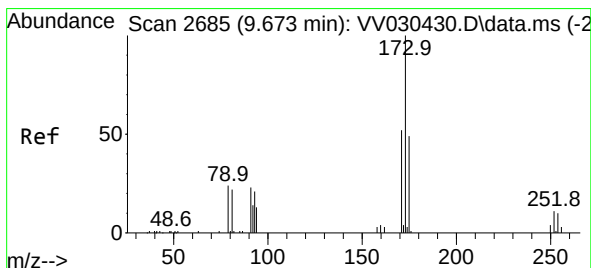
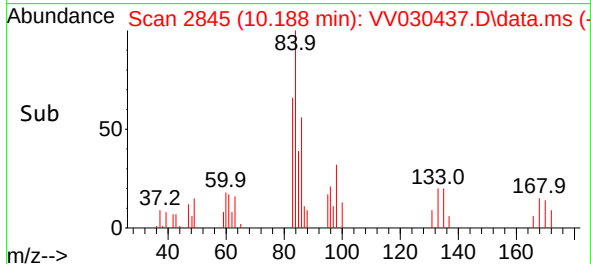
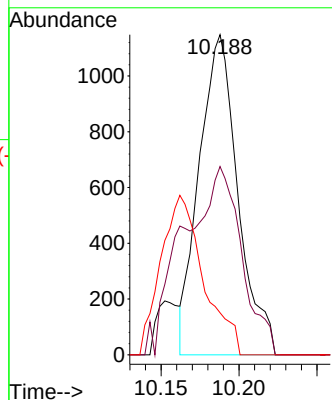
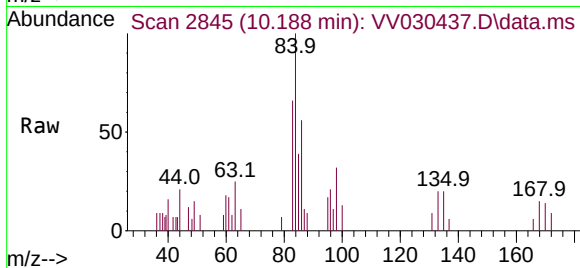




#57
1,1,2,2-Tetrachloroethane
Concen: 0.225 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

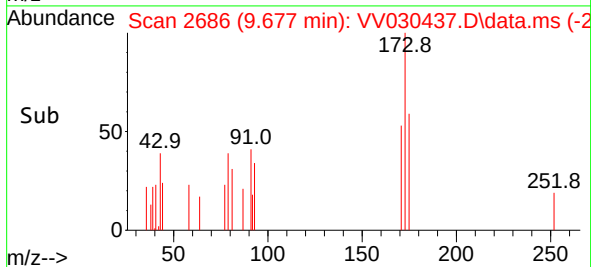
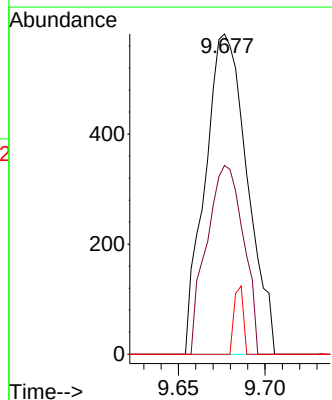
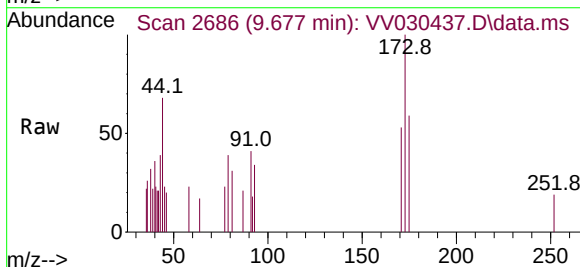
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04

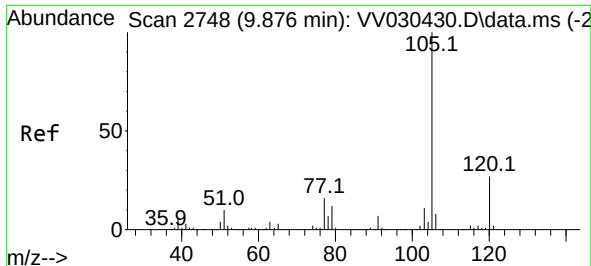
Tgt Ion:	83	Resp:	1980
Ion	Ratio	Lower	Upper
83	100		
85	58.8	45.3	84.1
131	13.2	8.2	12.4#



#59
Bromoform
Concen: 0.209 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:	173	Resp:	987
Ion	Ratio	Lower	Upper
173	100		
175	51.3	39.0	58.4
254	4.6	8.2	12.4#

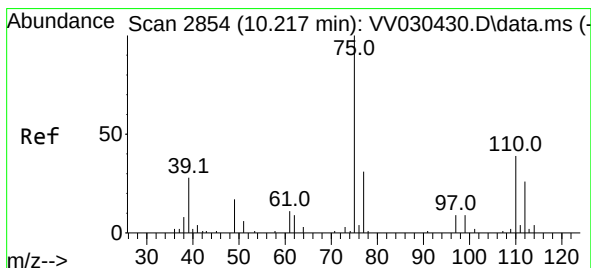
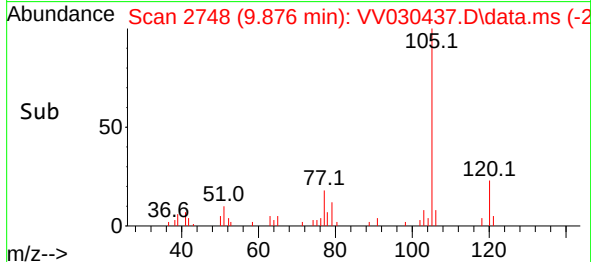
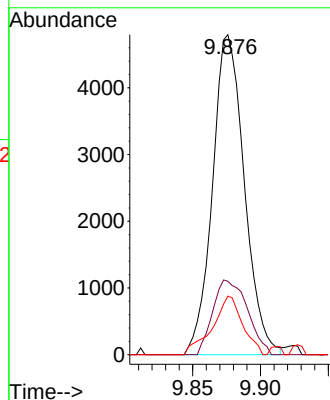
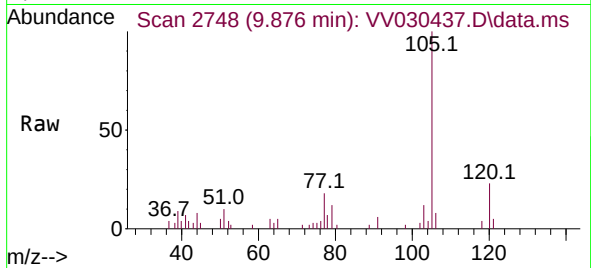




#60
Isopropylbenzene
Concen: 0.182 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

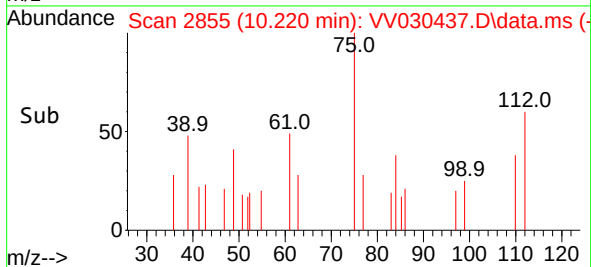
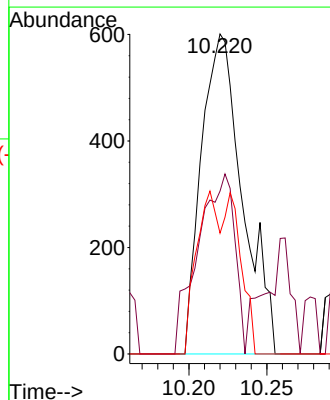
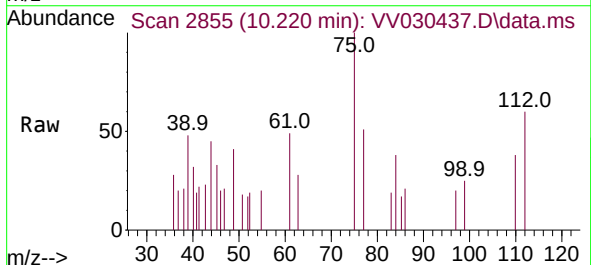
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

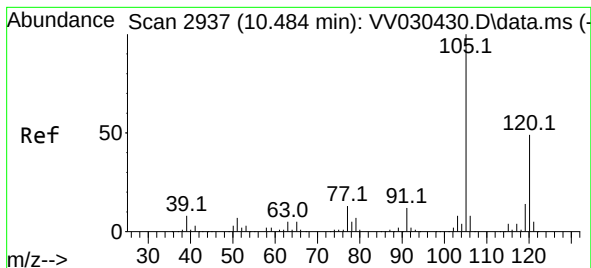
Tgt Ion:	105	Resp:	7837
Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.1	31.7
77	17.3	12.9	19.3



#61
1,2,3-Trichloropropane
Concen: 0.211 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:	75	Resp:	1106
Ion	Ratio	Lower	Upper
75	100		
77	50.4	26.0	39.0#
110	21.7	31.6	47.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.194 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV030437.D

Acq: 07 Apr 2023 12:54

Instrument :

MSVOA_V

ClientSampleId :

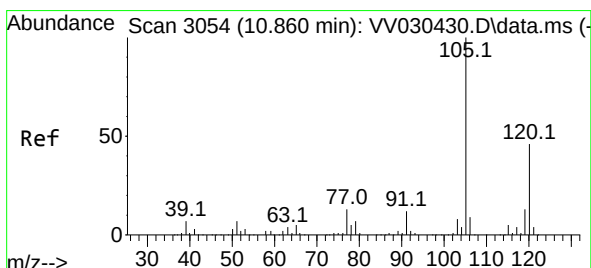
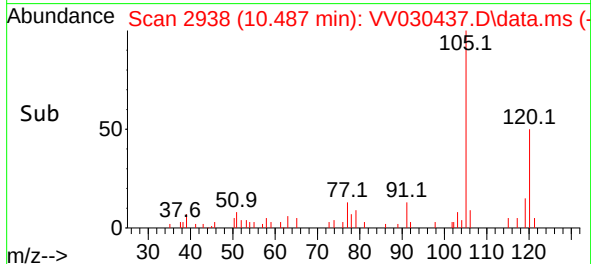
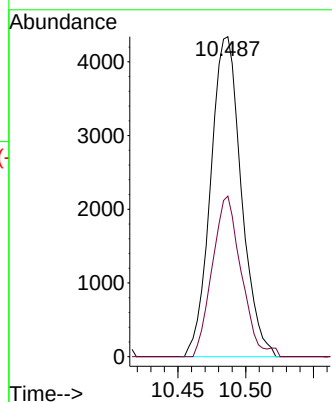
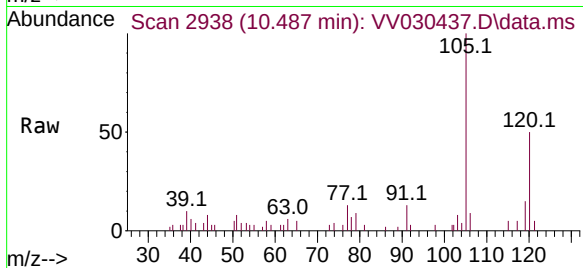
MDL-WATER-QT2-2023-04

Tgt Ion:105 Resp: 6834

Ion Ratio Lower Upper

105 100

120 47.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.182 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030437.D

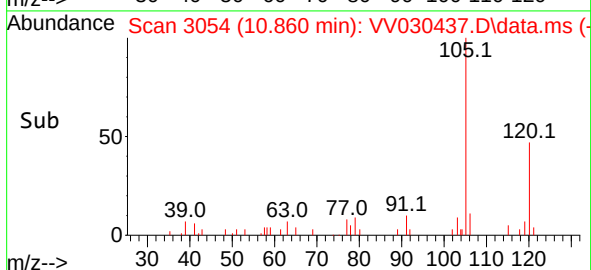
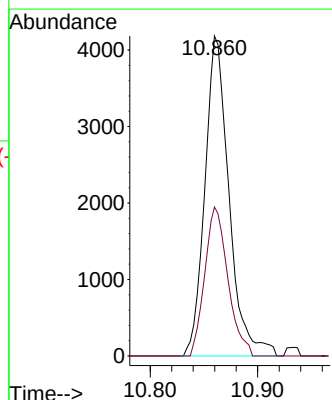
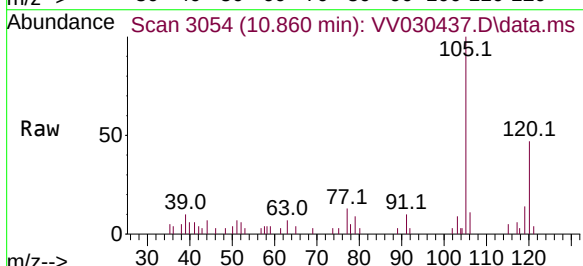
Acq: 07 Apr 2023 12:54

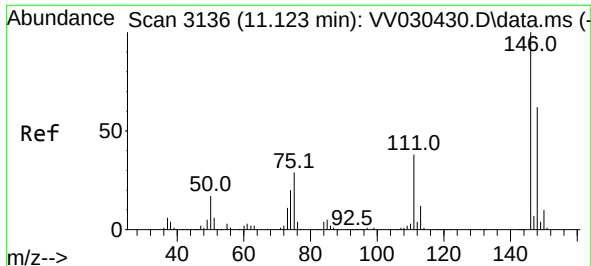
Tgt Ion:105 Resp: 6529

Ion Ratio Lower Upper

105 100

120 44.5 36.8 55.2

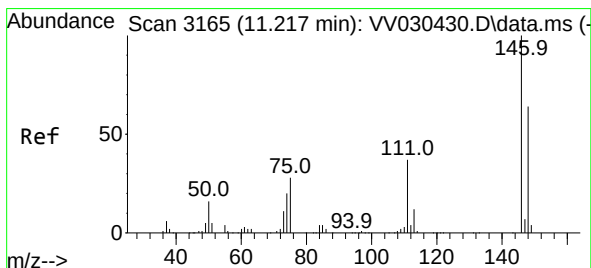
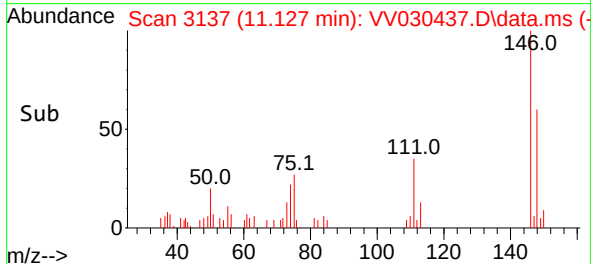
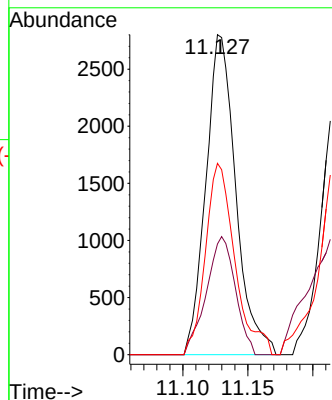
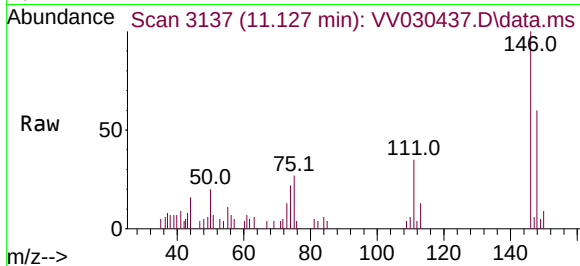




#64
1,3-Dichlorobenzene
Concen: 0.208 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

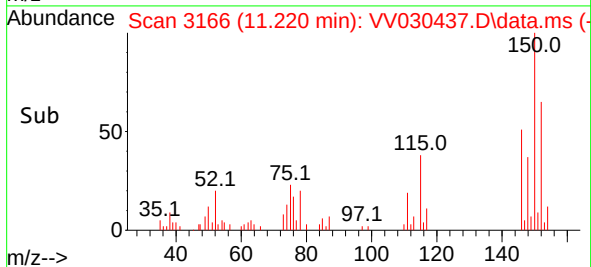
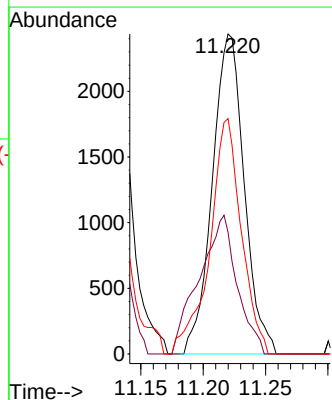
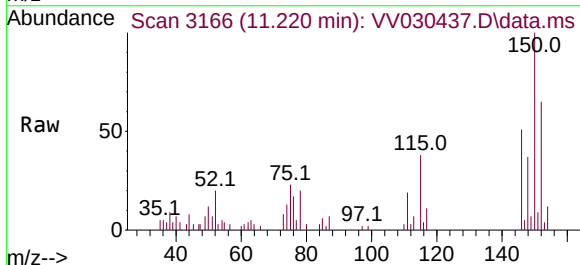
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

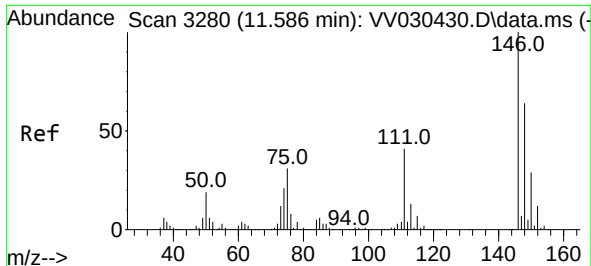
Tgt Ion:146 Resp: 4484
Ion Ratio Lower Upper
146 100
111 34.6 27.0 50.2
148 59.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 0.200 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:146 Resp: 4337
Ion Ratio Lower Upper
146 100
111 38.0 26.0 48.4
148 73.6 45.2 84.0

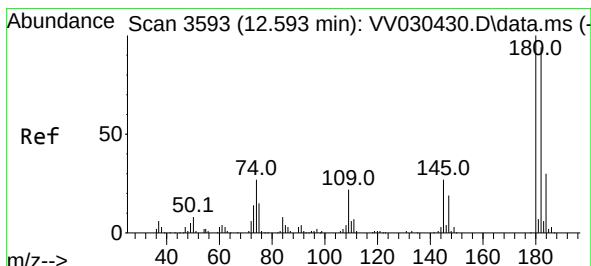
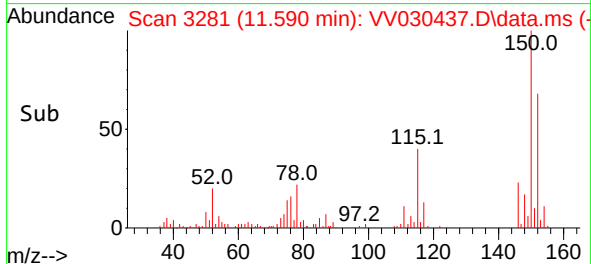
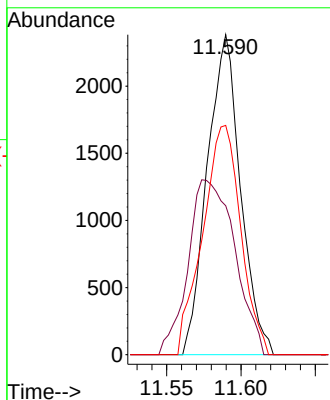
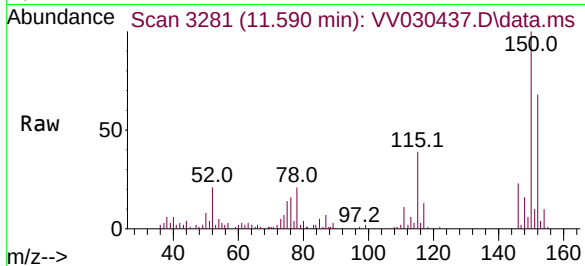




#67
1,2-Dichlorobenzene
Concen: 0.191 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

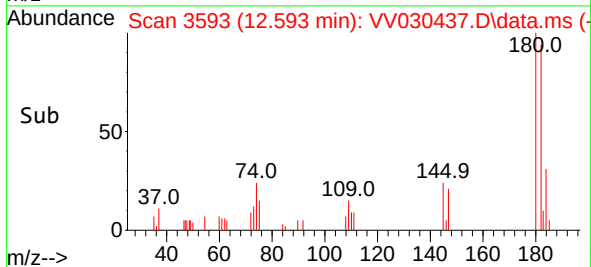
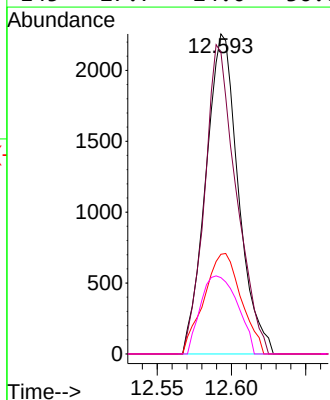
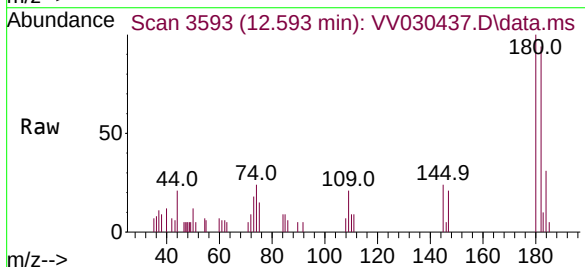
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

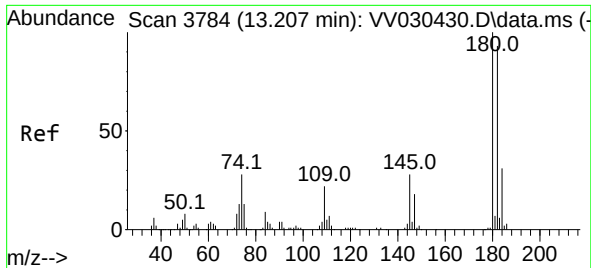
Tgt Ion:146 Resp: 3710
Ion Ratio Lower Upper
146 100
111 46.5 33.1 49.7
148 71.6 52.2 78.2



#69
1,3,5-Trichlorobenzene
Concen: 0.208 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

Tgt Ion:180 Resp: 3444
Ion Ratio Lower Upper
180 100
182 93.6 76.5 114.7
184 35.8 24.0 36.0
145 27.7 24.0 36.0

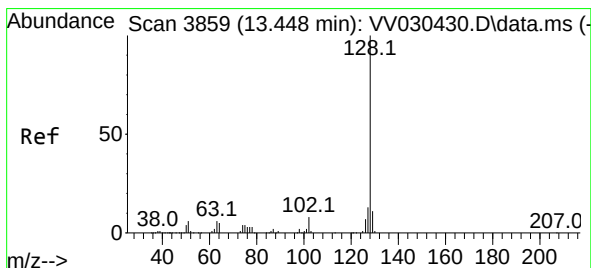
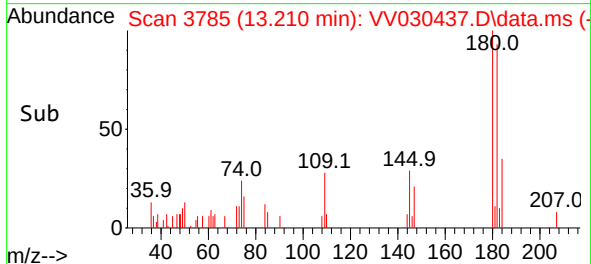
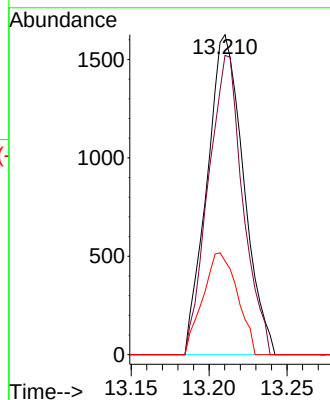
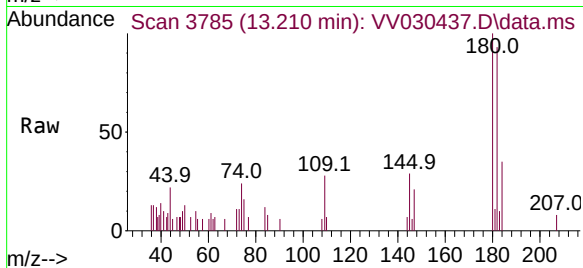




#70
1,2,4-trichlorobenzene
Concen: 0.207 ug/L
RT: 13.210 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

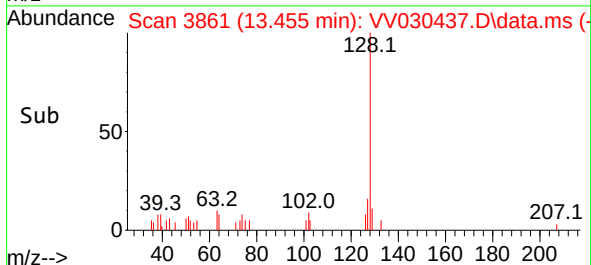
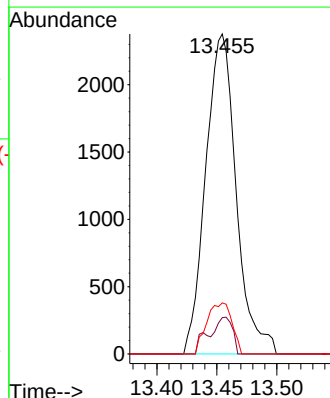
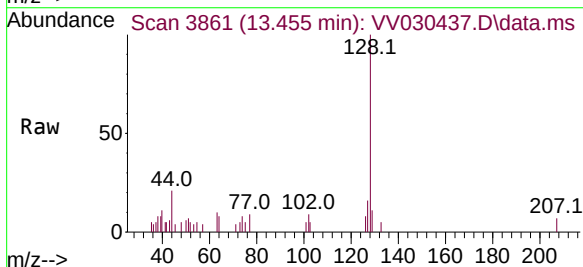
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

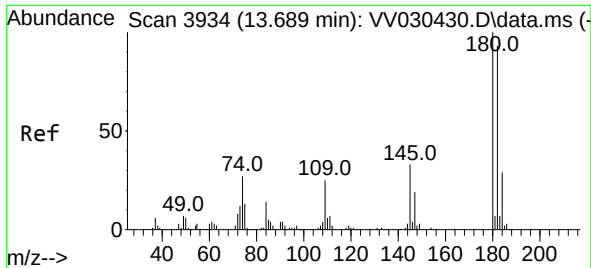
Tgt Ion:	180	Resp:	2652
Ion Ratio	Lower	Upper	
180	100		
182	88.3	75.3	112.9
145	30.1	23.8	35.6



#71
Naphthalene
Concen: 0.230 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.006 min
Lab File: VV030437.D
Acq: 07 Apr 2023 12:54

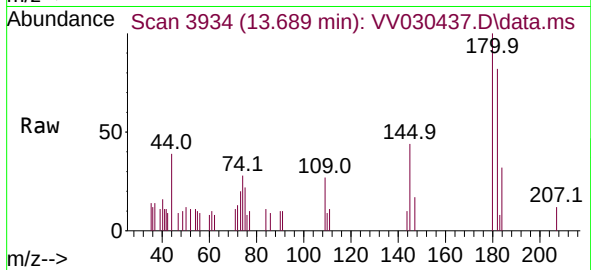
Tgt Ion:	128	Resp:	4208
Ion Ratio	Lower	Upper	
128	100		
129	6.1	8.9	13.3#
127	13.2	10.8	16.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.181 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030437.D
 Acq: 07 Apr 2023 12:54

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion:	180	Resp:	2008
Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.6	115.0
145	38.1	25.0	37.4#

