

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020214.D
 Acq On : 28 Jan 2021 15:20
 Operator : SY/MD
 Sample : L5214-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Quant Time: Jan 29 00:53:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.621	114	486044	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.859	117	469001	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	249267	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.306	65	140672	4.09 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 81.80%
7) Chloroethane-d5	1.566	69	114941	3.87 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 77.40%
11) 1,1-Dichloroethene-d2	2.106	63	179060	3.73 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 74.60%
20) 2-Butanone-d5	3.936	46	280575	39.76 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 79.52%
24) Chloroform-d	4.354	84	273950	4.11 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 82.20%
26) 1,2-Dichloroethane-d4	5.039	65	141321	4.29 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 85.80%
32) Benzene-d6	5.055	84	527299	4.22 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 84.40%
36) 1,2-Dichloropropane-d6	6.074	67	162040	4.40 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 88.00%
41) Toluene-d8	7.318	98	479649	4.16 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 83.20%
43) trans-1,3-Dichloroprop...	7.630	79	52418	3.82 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 76.40%
46) 2-Hexanone-d5	8.097	63	224871	39.50 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 79.00%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	108645	4.37 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 87.40%
66) 1,2-Dichlorobenzene-d4	11.633	152	190099	4.38 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 87.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	10446	0.22 ug/L	99
3) Chloromethane	1.241	50	11729	0.25 ug/L	97
5) Vinyl chloride	1.309	62	10190	0.23 ug/L #	67
6) Bromomethane	1.521	94	5945	0.23 ug/L	95
8) Chloroethane	1.585	64	5946	0.22 ug/L	94
9) Trichlorofluoromethane	1.753	101	13608	0.25 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	9304	0.33 ug/L #	90
12) 1,1-Dichloroethene	2.116	96	8595	0.32 ug/L #	1
14) Carbon disulfide	2.293	76	22308	0.22 ug/L #	92
15) Methyl Acetate	2.454	43	1694	0.14 ug/L	94
16) Methylene chloride	2.512	84	11957	0.33 ug/L	89
17) Methyl tert-butyl Ether	2.778	73	15702	0.21 ug/L	99
18) trans-1,2-Dichloroethene	2.762	96	7859	0.22 ug/L	97
19) 1,1-Dichloroethane	3.200	63	13993	0.22 ug/L	99
22) cis-1,2-Dichloroethene	3.926	96	8085	0.22 ug/L	94
23) Bromochloromethane	4.261	128	3354	0.21 ug/L	87
25) Chloroform	4.386	83	17750	0.27 ug/L	95
27) 1,2-Dichloroethane	5.151	62	8185	0.21 ug/L	96
29) 1,1,1-Trichloroethane	4.618	97	13213	0.23 ug/L	94
30) Cyclohexane	4.679	56	12355	0.22 ug/L	92

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

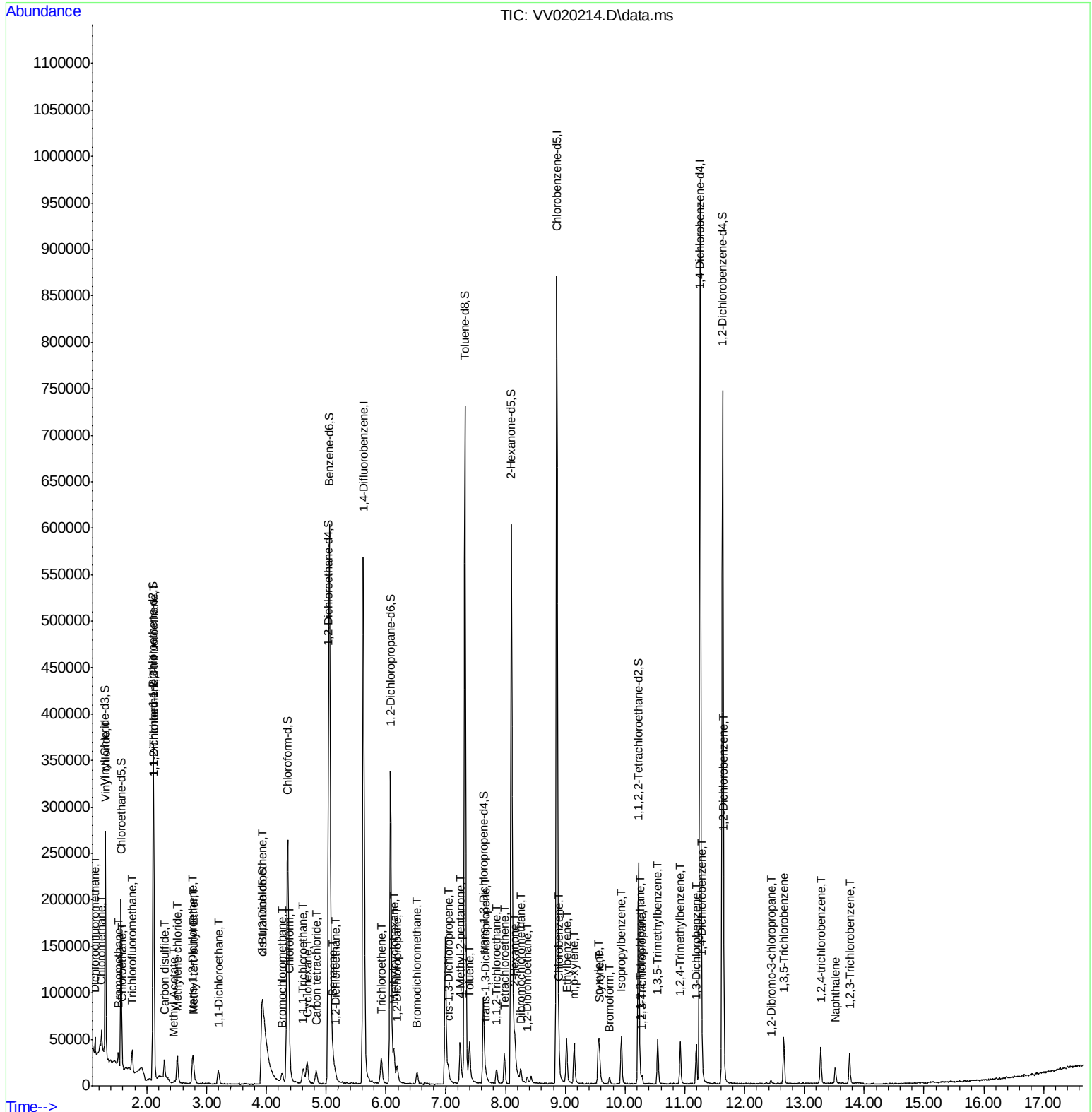
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.836	117	10600	0.21	ug/L	94
33) Benzene	5.106	78	31010	0.22	ug/L	100
34) Trichloroethene	5.923	95	8477	0.22	ug/L	92
35) Methylcyclohexane	6.132	83	12687	0.22	ug/L	97
37) 1,2-Dichloropropane	6.187	63	8166	0.24	ug/L #	91
38) Bromodichloromethane	6.518	83	9157	0.21	ug/L	82
39) cis-1,3-Dichloropropene	7.042	75	10288	0.22	ug/L	99
40) 4-Methyl-2-pentanone	7.241	43	33067	1.77	ug/L #	89
42) Toluene	7.399	91	32477	0.22	ug/L	99
44) trans-1,3-Dichloropropene	7.666	75	10169	0.26	ug/L	91
45) 1,1,2-Trichloroethane	7.849	97	4553	0.19	ug/L	89
47) Tetrachloroethene	7.978	164	7769	0.24	ug/L	89
48) 2-Hexanone	8.151	43	29551	2.28	ug/L	98
49) Dibromochloromethane	8.254	129	6085	0.22	ug/L	88
50) 1,2-Dibromoethane	8.363	107	4865	0.22	ug/L #	86
51) Chlorobenzene	8.891	112	21397	0.22	ug/L	92
52) Ethylbenzene	9.023	91	34864	0.21	ug/L	97
53) m,p-xylene	9.148	106	12832	0.21	ug/L	91
54) o-xylene	9.550	106	11775	0.20	ug/L	99
55) Styrene	9.572	104	18436	0.18	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.251	83	5045	0.20	ug/L #	74
59) Bromoform	9.740	173	2973	0.20	ug/L #	98
60) Isopropylbenzene	9.939	105	32243	0.22	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	4237	0.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.547	105	26194	0.21	ug/L	99
63) 1,2,4-Trimethylbenzene	10.923	105	24880	0.20	ug/L	95
64) 1,3-Dichlorobenzene	11.193	146	17124	0.22	ug/L	96
65) 1,4-Dichlorobenzene	11.283	146	17039	0.22	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	16927	0.24	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	12.444	75	832	0.20	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.656	180	14828	0.22	ug/L	97
70) 1,2,4-trichlorobenzene	13.273	180	12006	0.22	ug/L	98
71) Naphthalene	13.514	128	12915	0.18	ug/L	97
72) 1,2,3-Trichlorobenzene	13.755	180	9982	0.21	ug/L	96

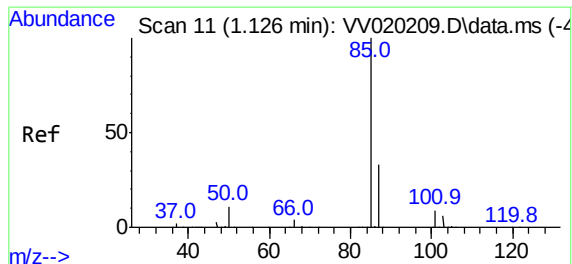
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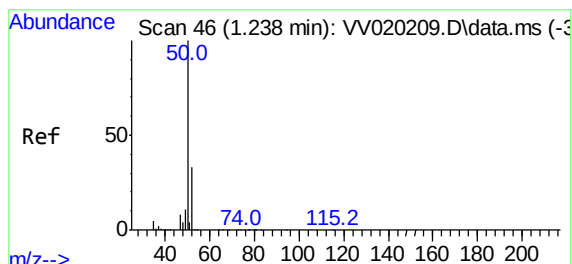
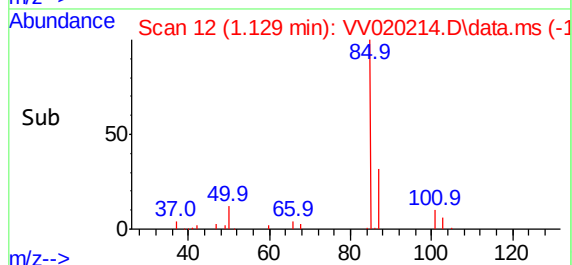
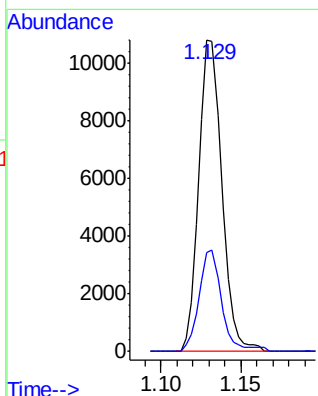
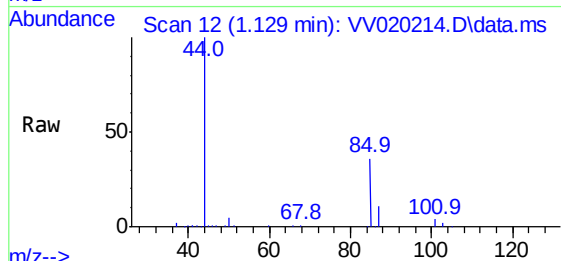




#2
Dichlorodifluoromethane
Concen: 0.22 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

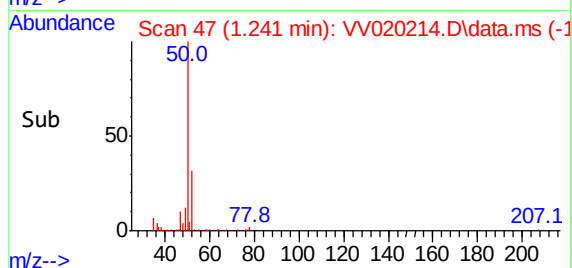
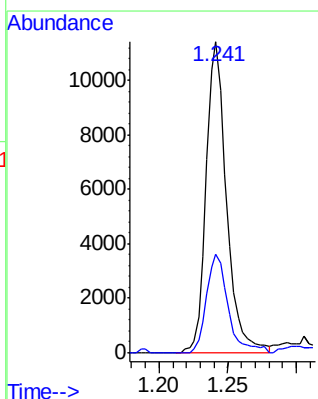
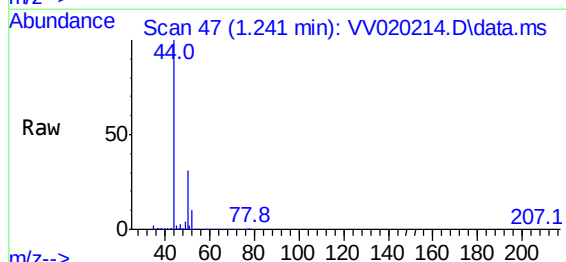
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ClientSampleId :
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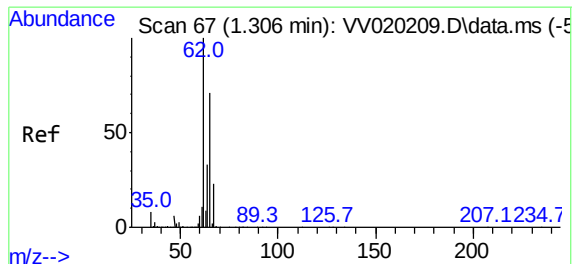
Tgt Ion: 85 Resp: 10446
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4



#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 50 Resp: 11729
Ion Ratio Lower Upper
50 100
52 31.5 23.1 42.9

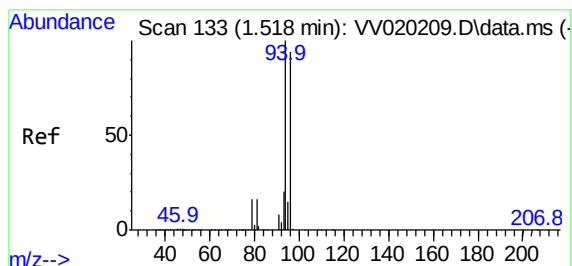
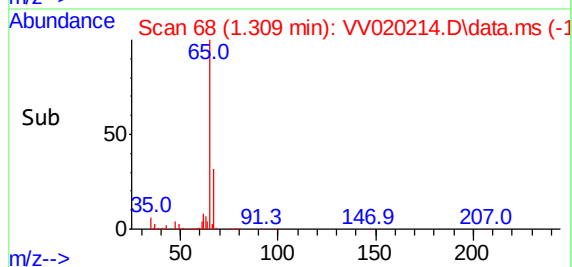
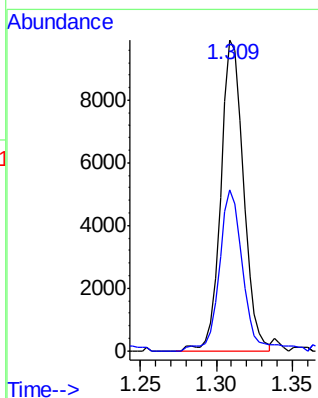
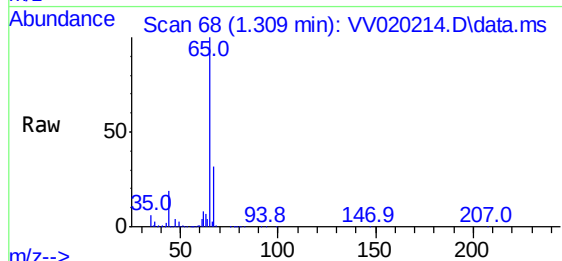




#5
 Vinyl chloride
 Concen: 0.23 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

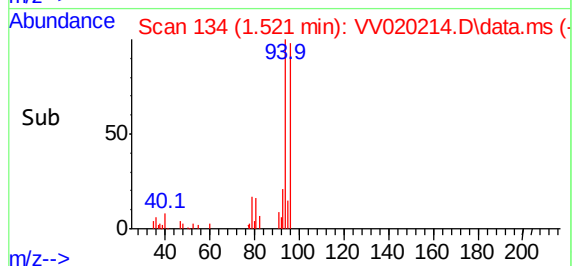
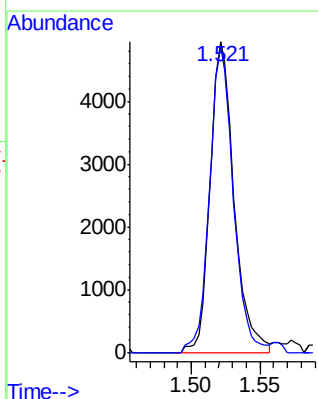
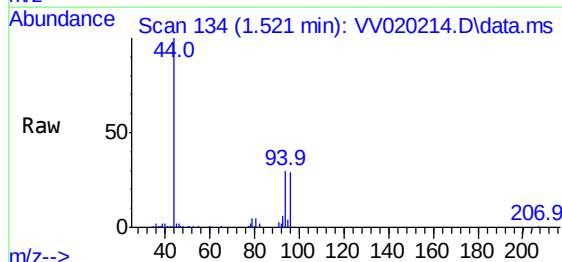
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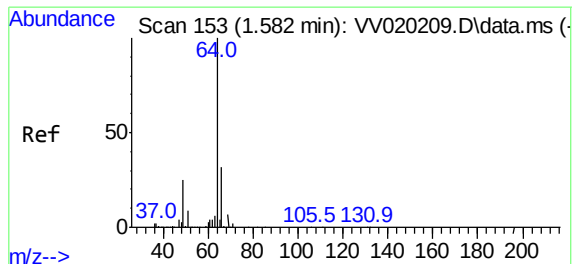
Tgt Ion: 62 Resp: 10190
 Ion Ratio Lower Upper
 62 100
 64 51.9 23.2 43.2#



#6
 Bromomethane
 Concen: 0.23 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

Tgt Ion: 94 Resp: 5945
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.6 121.8

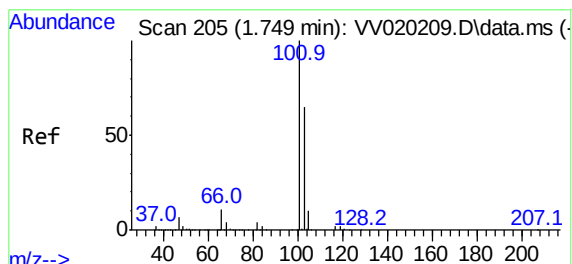
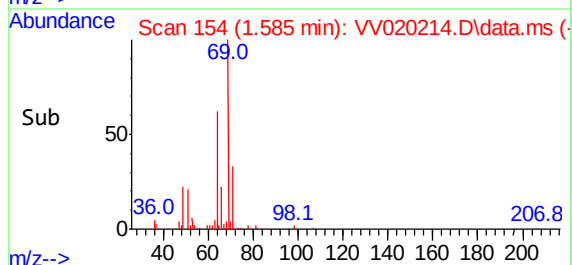
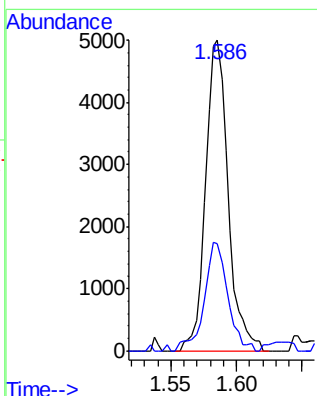
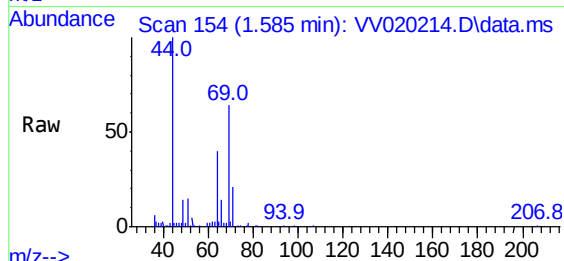




#8
Chloroethane
Concen: 0.22 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

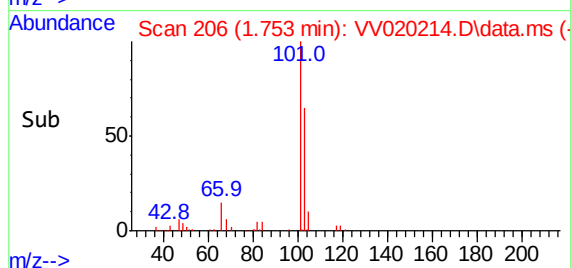
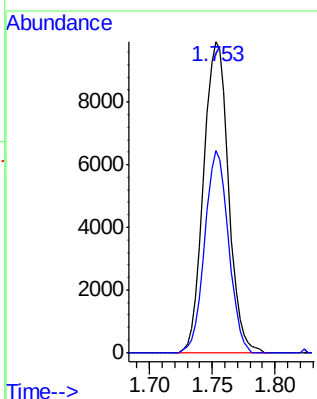
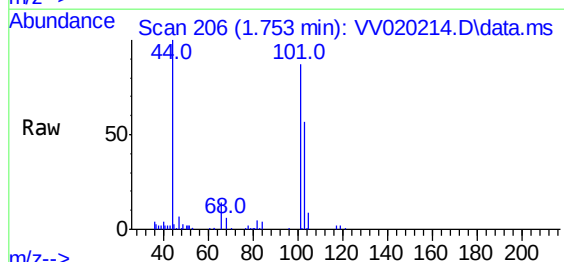
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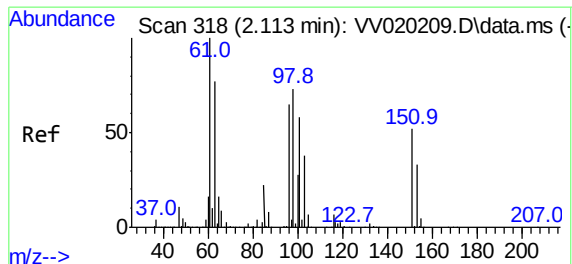
Tgt Ion: 64 Resp: 5946
Ion Ratio Lower Upper
64 100
66 34.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.25 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 101 Resp: 13608
Ion Ratio Lower Upper
101 100
103 62.0 51.8 77.8

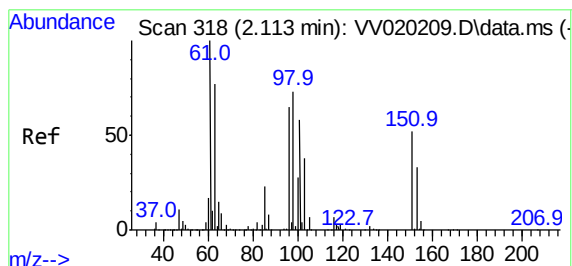
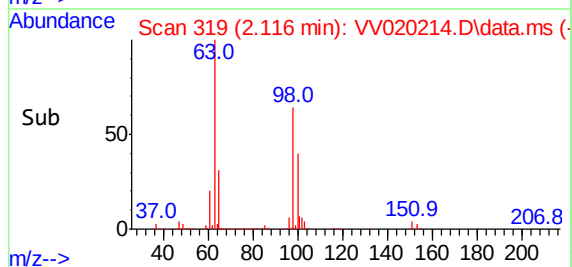
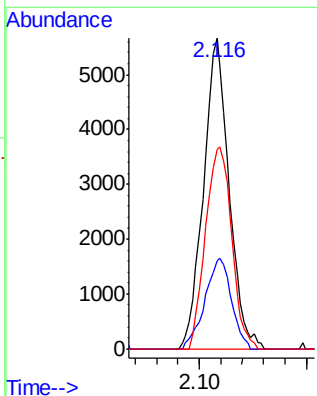
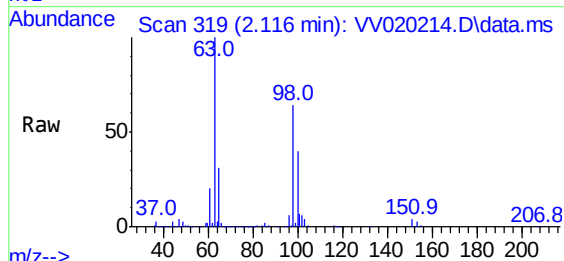




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.33 ug/L
RT: 2.116 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

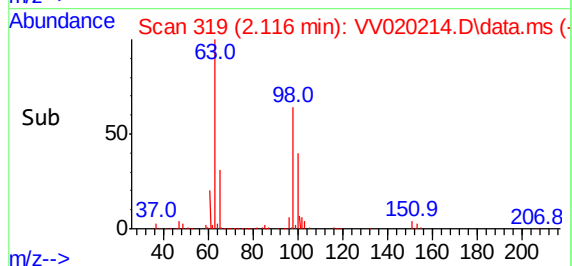
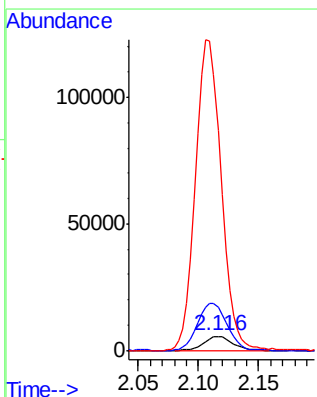
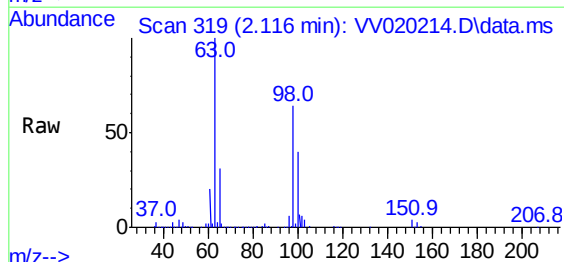
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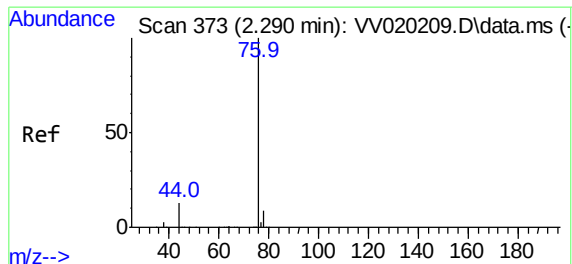
Tgt Ion:101 Resp: 9304
Ion Ratio Lower Upper
101 100
85 30.3 36.4 54.6#
151 66.9 54.1 81.1



#12
1,1-Dichloroethene
Concen: 0.32 ug/L
RT: 2.116 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 96 Resp: 8595
Ion Ratio Lower Upper
96 100
61 301.8 131.5 244.1#
63 1543.9 95.2 176.8#

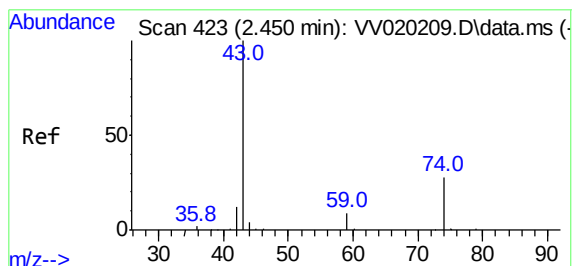
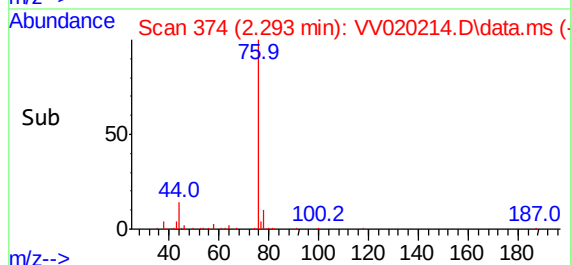
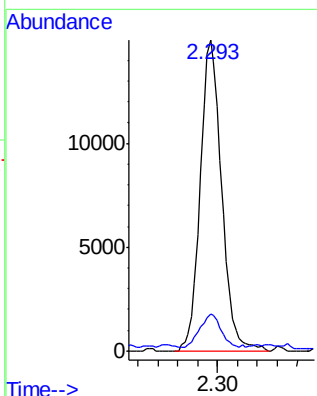
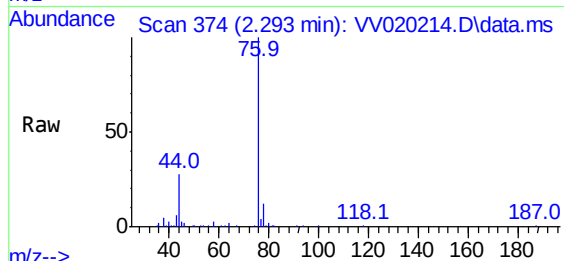




#14
Carbon disulfide
Concen: 0.22 ug/L
RT: 2.293 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

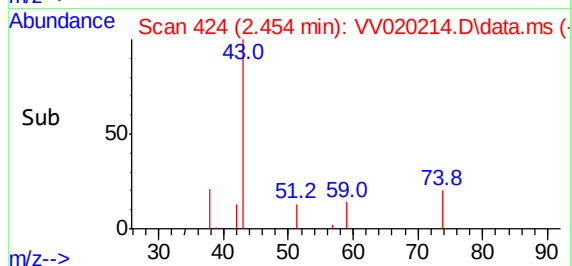
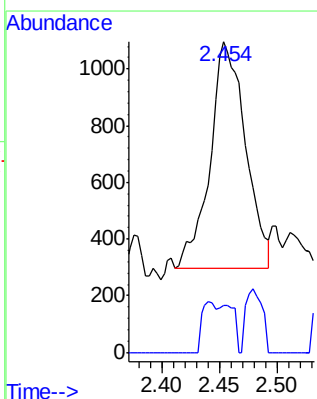
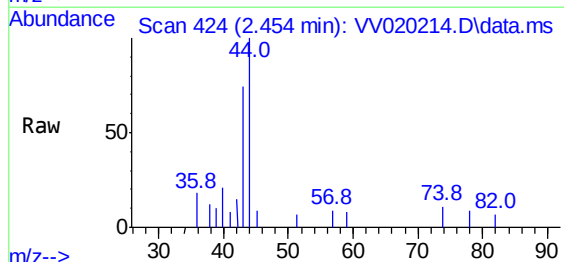
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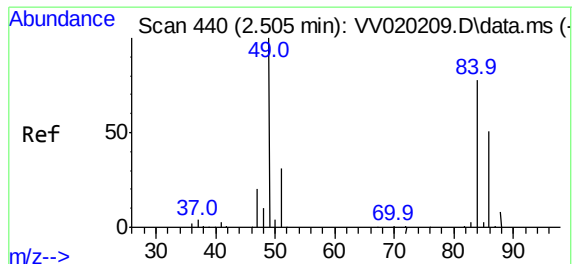
Tgt Ion: 76 Resp: 22308
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



#15
Methyl Acetate
Concen: 0.14 ug/L
RT: 2.454 min Scan# 424
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
74 11.1 10.6 16.0

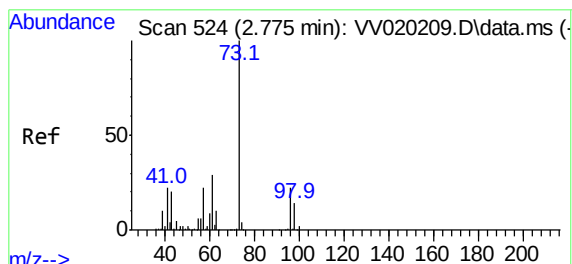
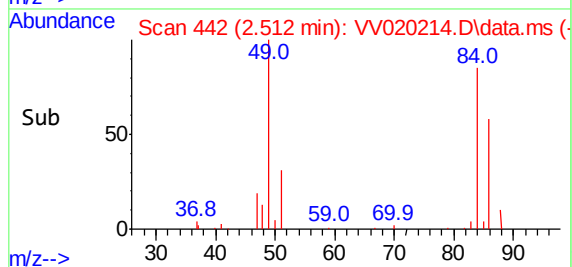
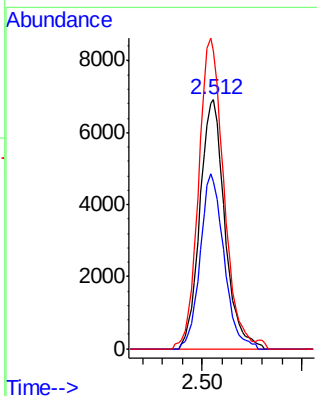
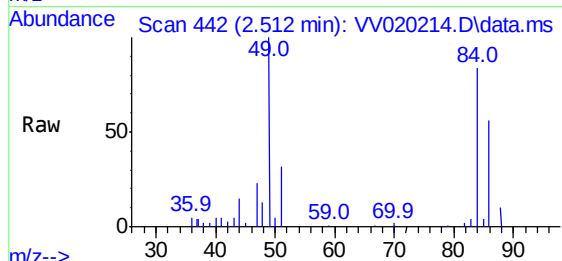




#16
Methylene chloride
Concen: 0.33 ug/L
RT: 2.512 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

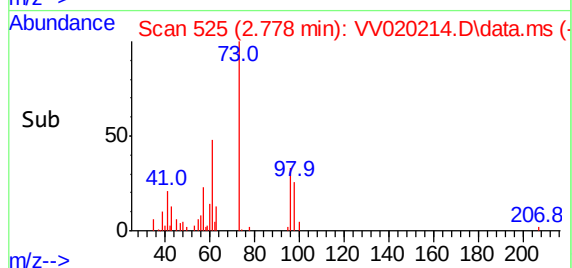
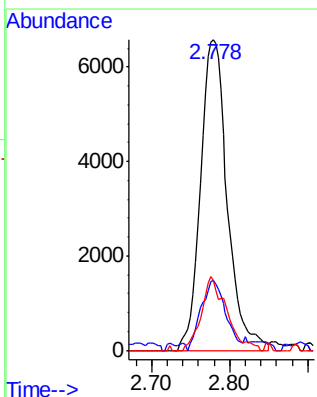
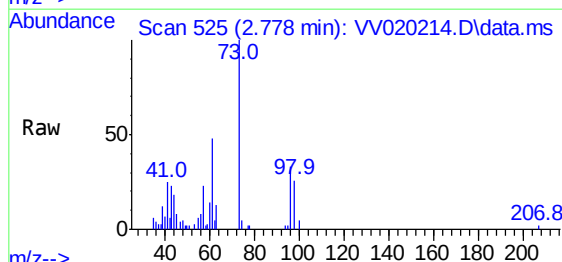
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

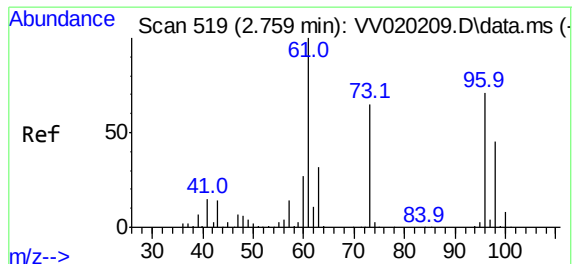
Tgt Ion: 84 Resp: 11957
Ion Ratio Lower Upper
84 100
86 67.5 42.8 79.4
49 119.6 93.9 174.3



#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 2.778 min Scan# 525
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 73 Resp: 15702
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.6
57 22.7 18.2 27.4

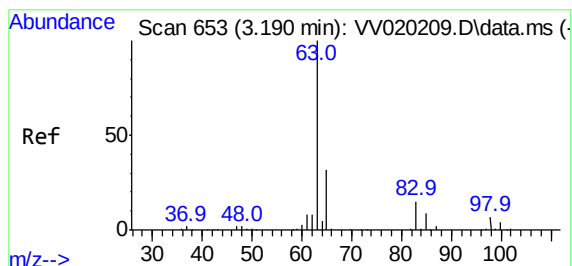
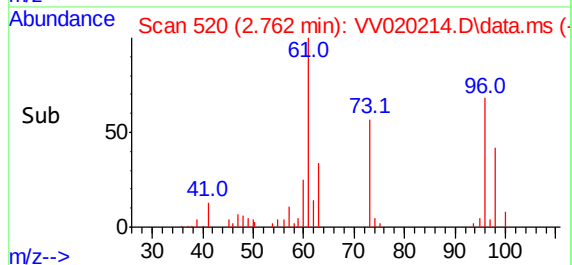
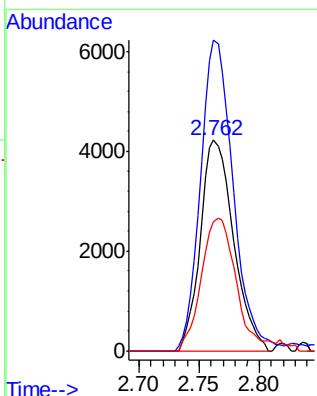
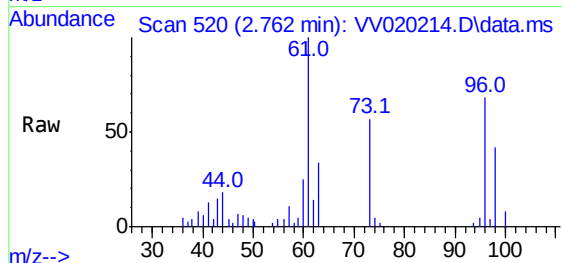




#18
trans-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

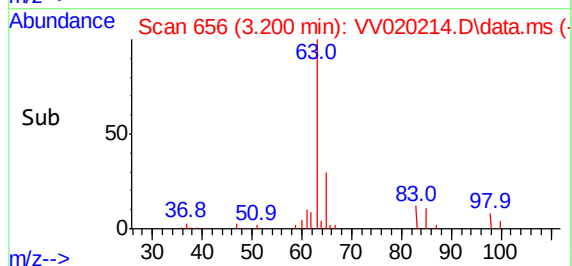
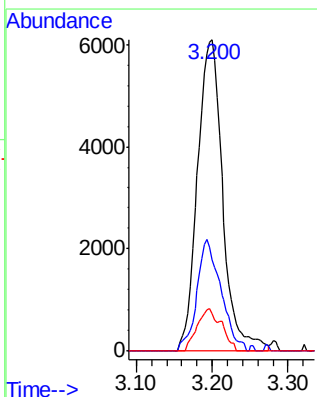
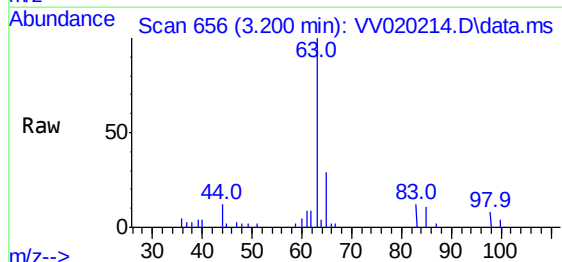
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

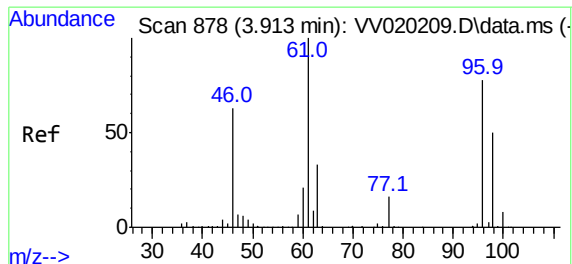
Tgt Ion: 96 Resp: 7859
Ion Ratio Lower Upper
96 100
61 147.8 106.3 197.3
98 61.3 44.7 82.9



#19
1,1-Dichloroethane
Concen: 0.22 ug/L
RT: 3.200 min Scan# 656
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 63 Resp: 13993
Ion Ratio Lower Upper
63 100
65 31.3 21.8 40.6
83 12.0 9.0 16.8

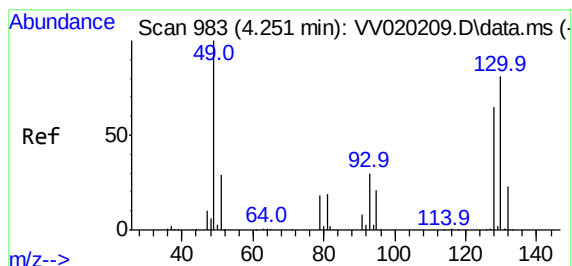
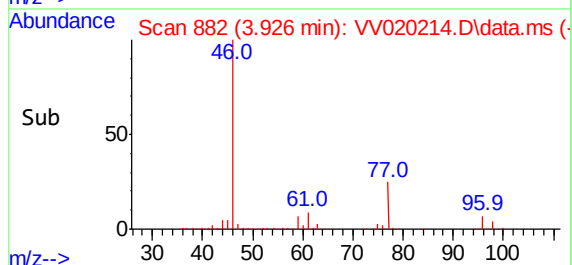
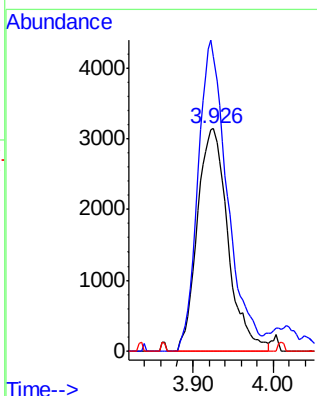
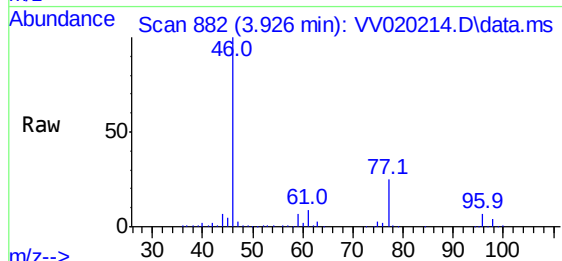




#22
 cis-1,2-Dichloroethene
 Concen: 0.22 ug/L
 RT: 3.926 min Scan# 882
 Delta R.T. 0.013 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

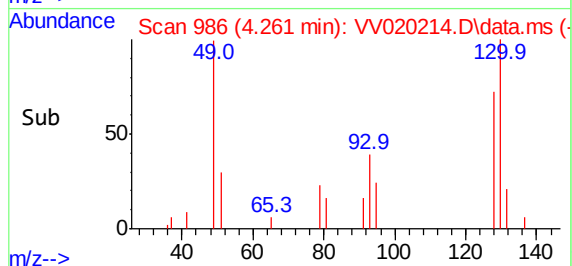
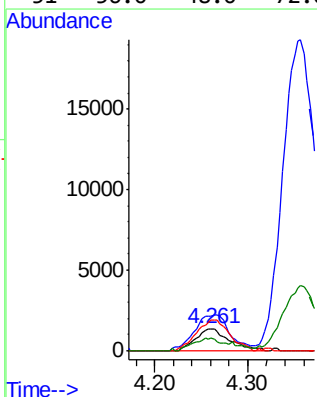
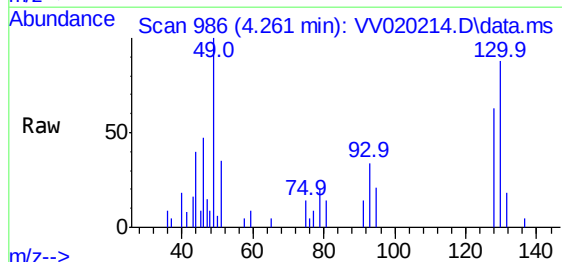
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

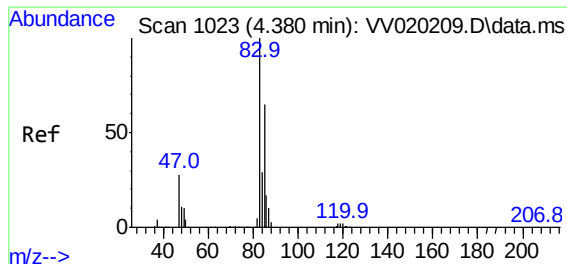
Tgt Ion: 96 Resp: 8085
 Ion Ratio Lower Upper
 96 100
 61 132.4 98.1 182.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.21 ug/L
 RT: 4.261 min Scan# 986
 Delta R.T. 0.010 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

Tgt Ion: 128 Resp: 3354
 Ion Ratio Lower Upper
 128 100
 49 167.3 132.6 246.2
 130 138.7 86.4 160.4
 51 56.0 48.0 72.0

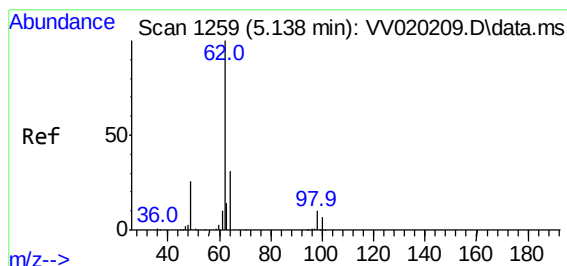
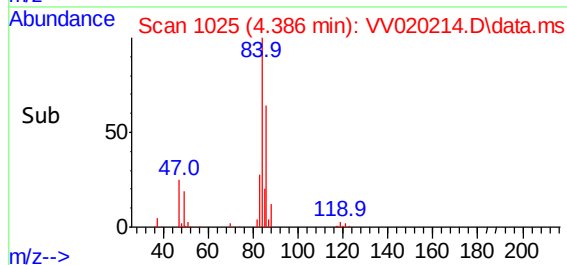
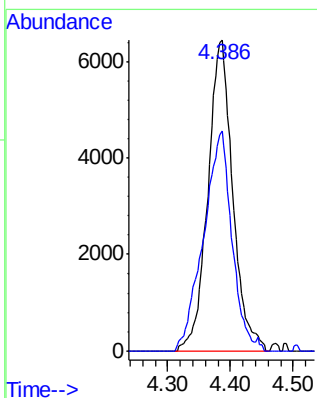
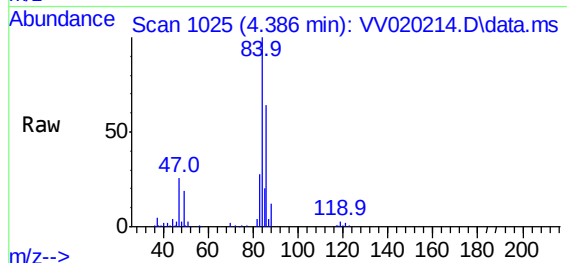




#25
Chloroform
Concen: 0.27 ug/L
RT: 4.386 min Scan# 1025
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

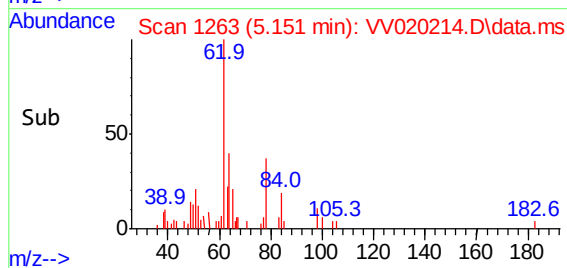
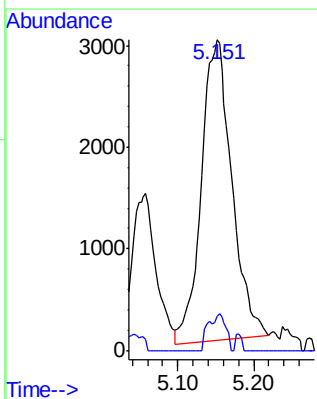
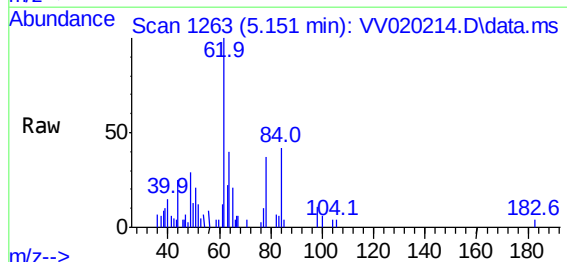
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

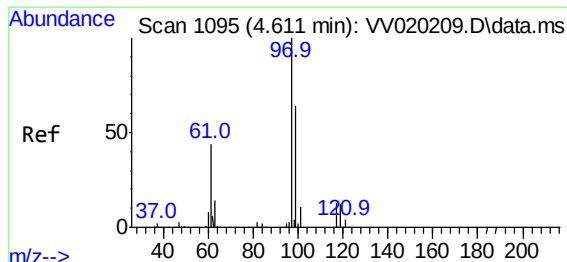
Tgt Ion: 83 Resp: 17750
Ion Ratio Lower Upper
83 100
85 70.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.21 ug/L
RT: 5.151 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 62 Resp: 8185
Ion Ratio Lower Upper
62 100
98 11.0 7.6 11.4



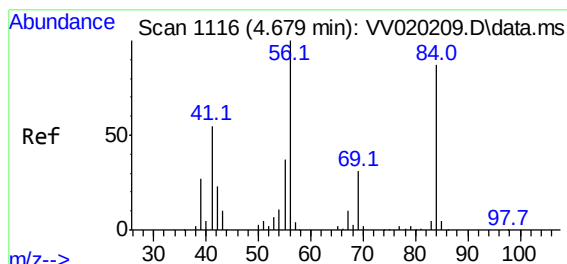
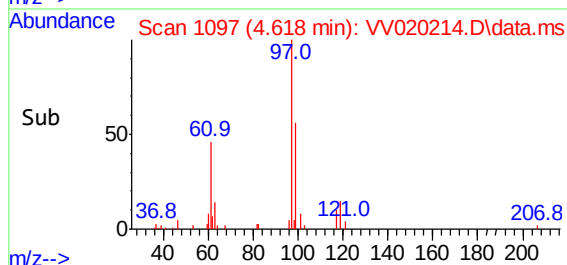
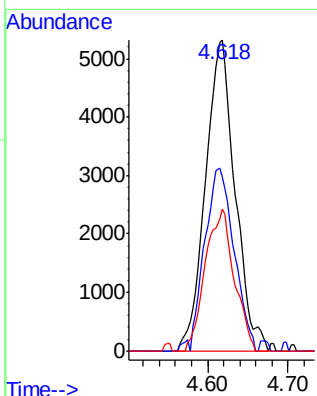
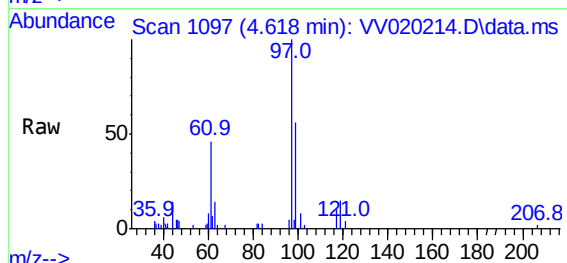


#29
1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 4.618 min Scan# 1097
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion: 97 Resp: 13213

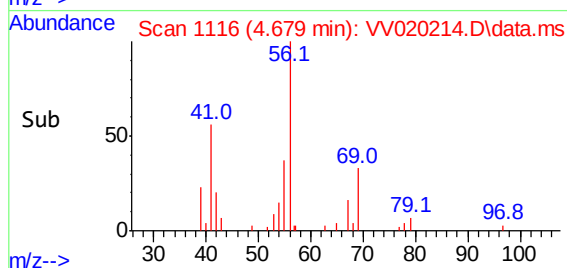
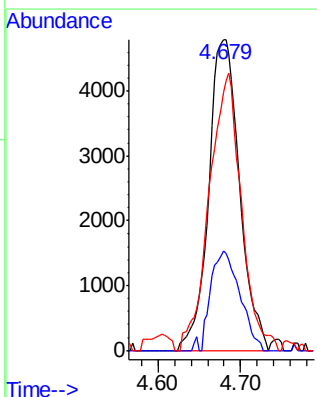
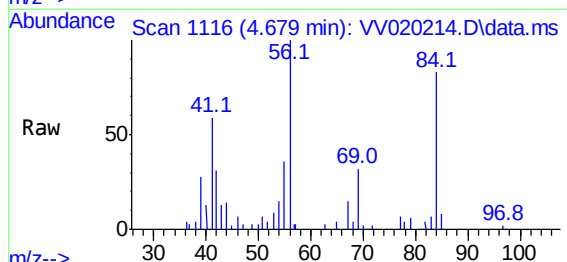
Ion	Ratio	Lower	Upper
97	100		
99	58.7	51.1	76.7
61	44.6	38.6	57.8

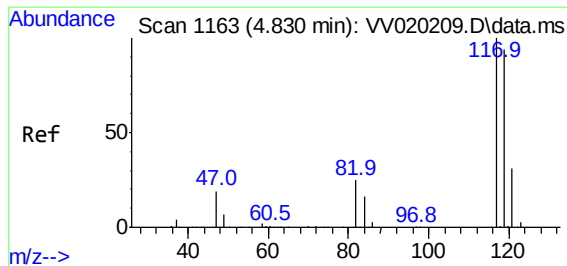


#30
Cyclohexane
Concen: 0.22 ug/L
RT: 4.679 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 56 Resp: 12355

Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	93.0	66.8	100.2

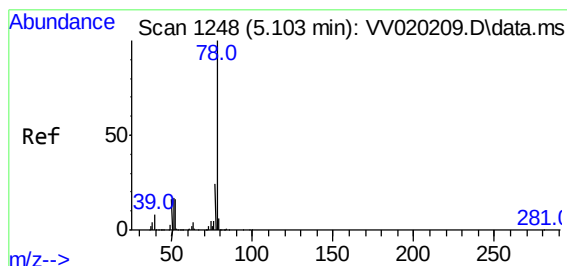
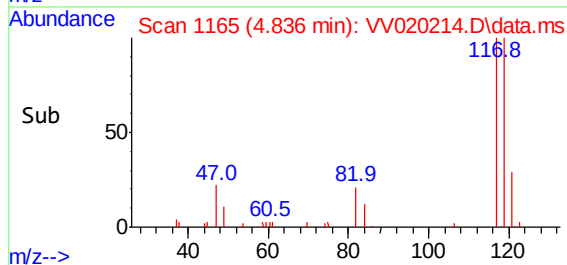
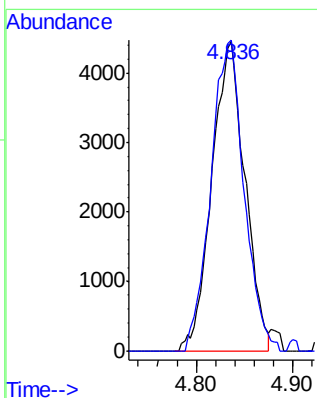
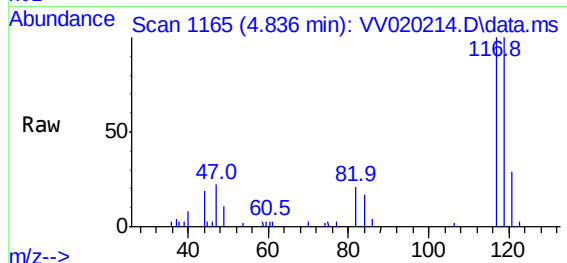




#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 4.836 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

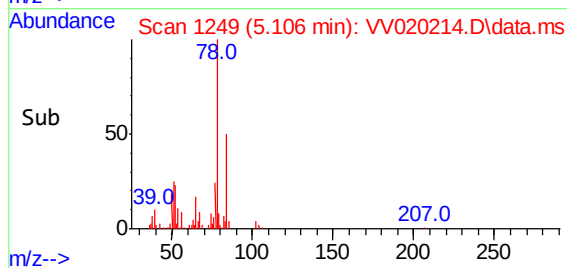
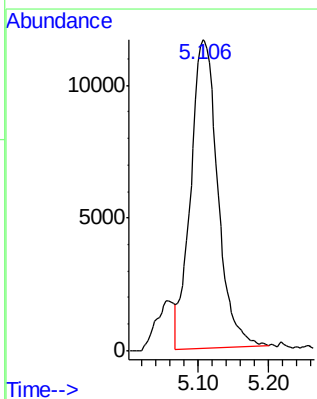
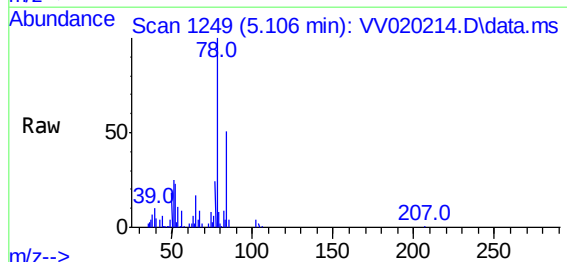
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

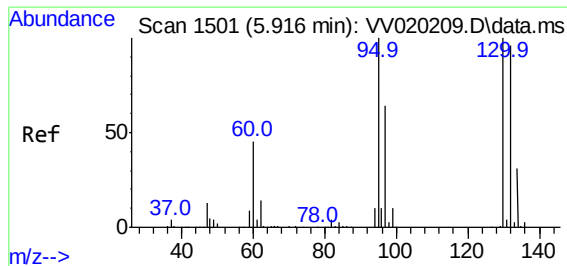
Tgt Ion:117 Resp: 10600
Ion Ratio Lower Upper
117 100
119 101.2 76.0 114.0



#33
Benzene
Concen: 0.22 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 78 Resp: 31010



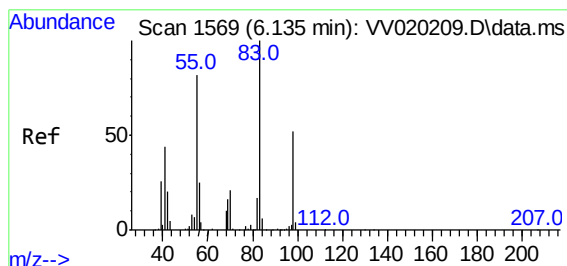
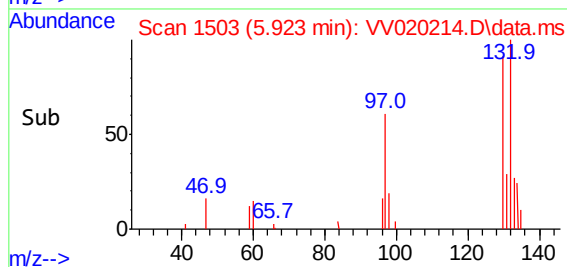
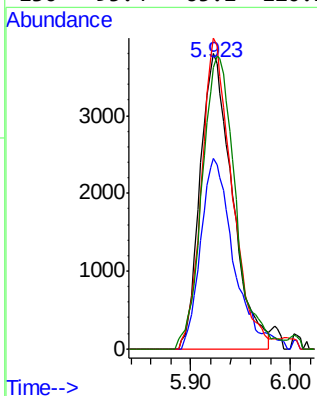
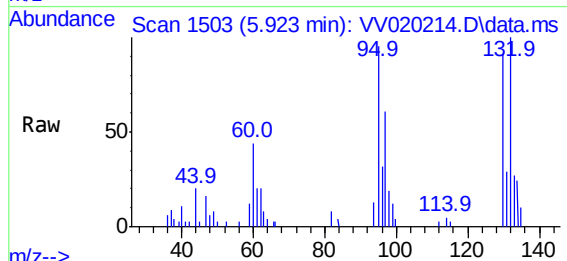


#34
Trichloroethene
Concen: 0.22 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion: 95 Resp: 8477

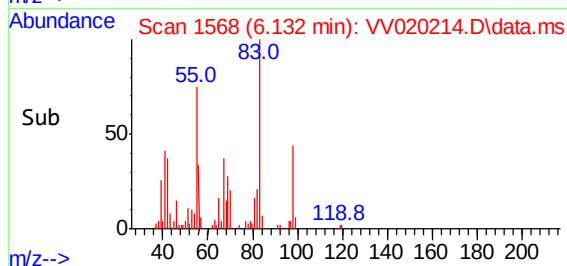
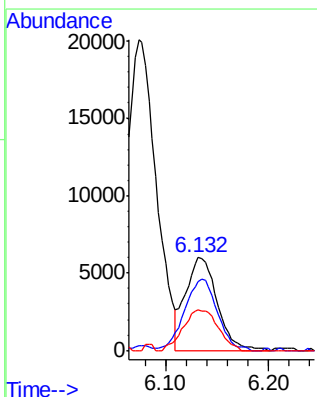
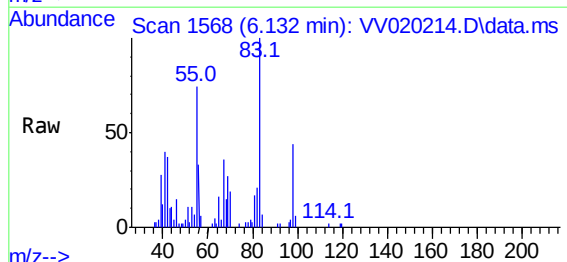
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.1	81.9
132	105.3	61.2	113.8
130	95.4	65.1	120.9

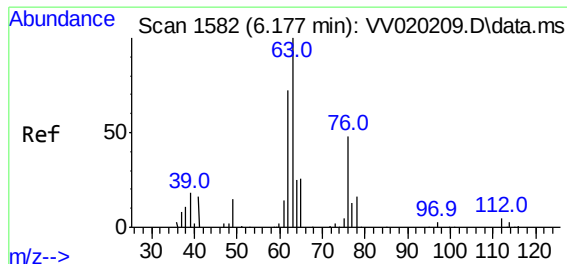


#35
Methylcyclohexane
Concen: 0.22 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 83 Resp: 12687

Ion	Ratio	Lower	Upper
83	100		
55	79.9	67.5	101.3
98	48.3	38.6	58.0

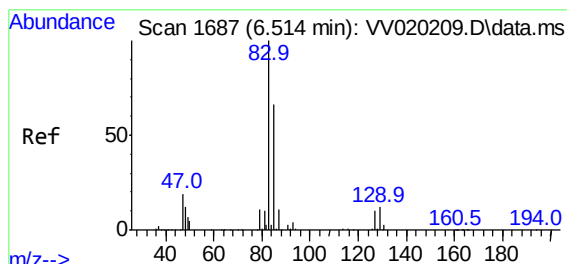
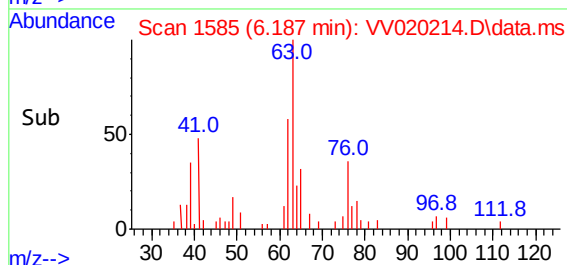
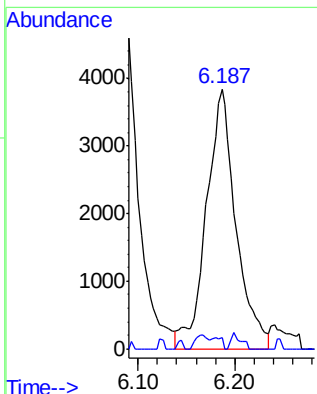
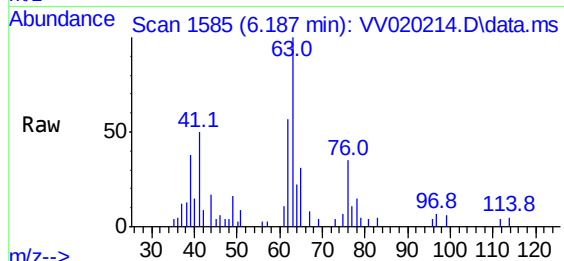




#37
1,2-Dichloropropane
Concen: 0.24 ug/L
RT: 6.187 min Scan# 1585
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

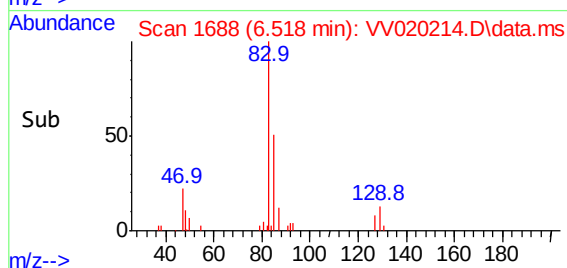
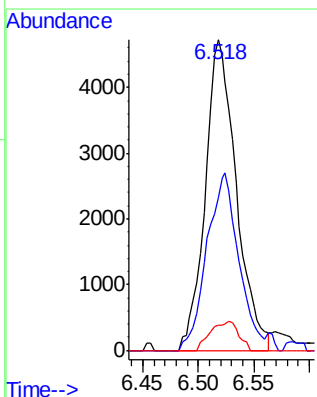
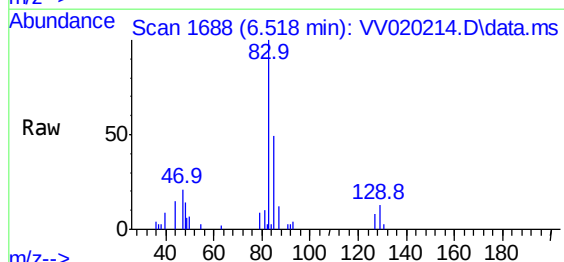
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

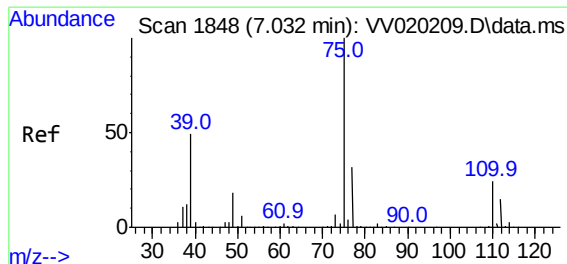
Tgt Ion: 63 Resp: 8166
Ion Ratio Lower Upper
63 100
112 1.5 3.6 5.4#



#38
Bromodichloromethane
Concen: 0.21 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 83 Resp: 9157
Ion Ratio Lower Upper
83 100
85 49.4 45.9 85.3
127 8.3 6.2 9.2

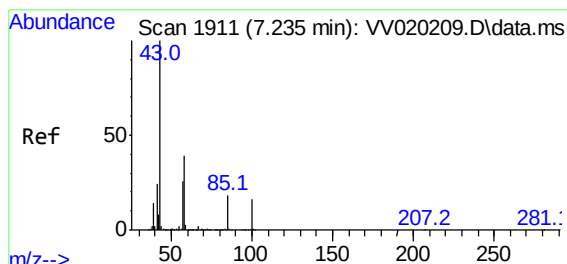
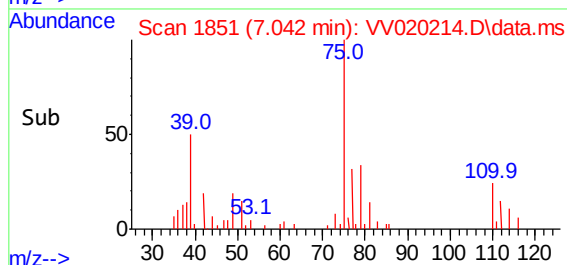
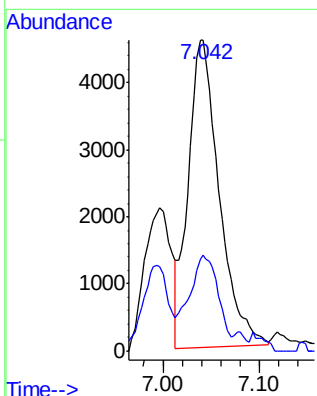
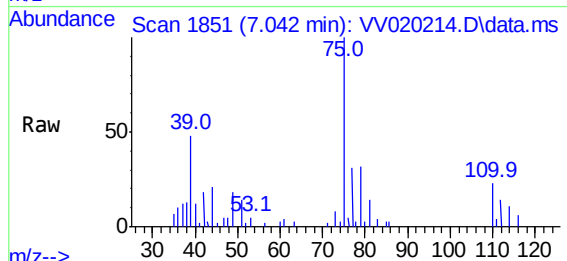




#39
cis-1,3-Dichloropropene
Concen: 0.22 ug/L
RT: 7.042 min Scan# 1851
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

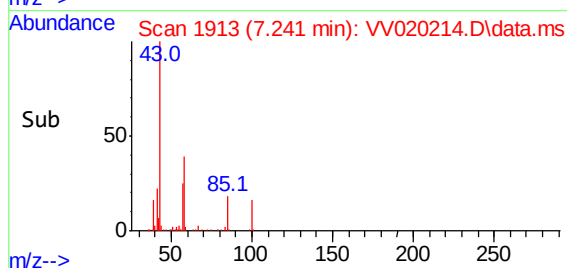
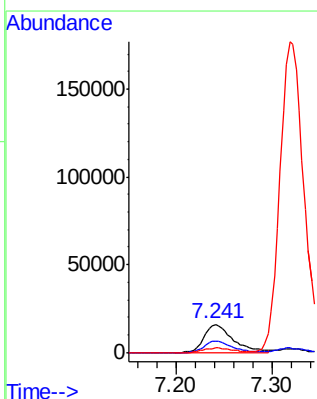
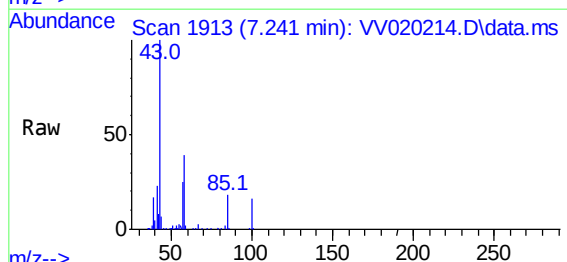
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

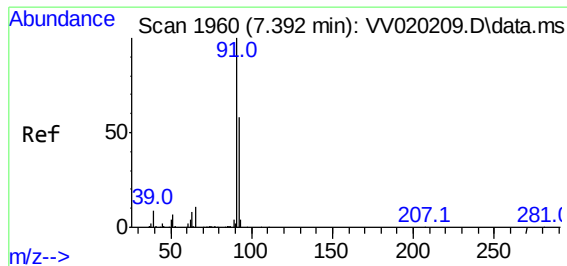
Tgt Ion: 75 Resp: 10288
Ion Ratio Lower Upper
75 100
77 30.8 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 1.77 ug/L
RT: 7.241 min Scan# 1913
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 43 Resp: 33067
Ion Ratio Lower Upper
43 100
58 38.6 30.0 45.0
100 0.0 11.4 17.0#





#42

Toluene

Concen: 0.22 ug/L

RT: 7.399 min Scan# 1962

Delta R.T. 0.007 min

Lab File: VV020214.D

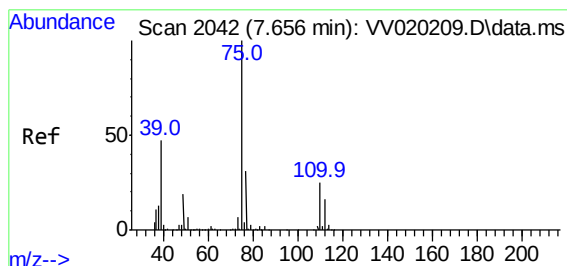
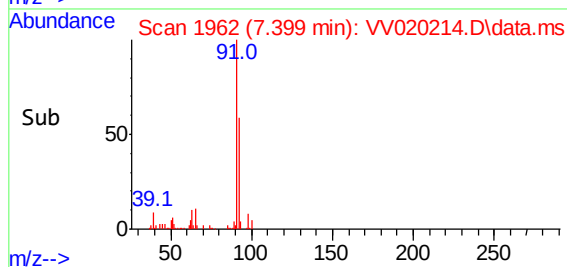
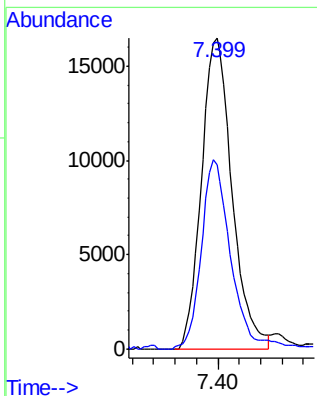
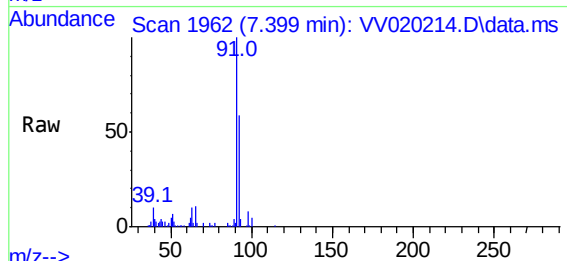
Acq: 28 Jan 2021 15:20

Tgt Ion: 91 Resp: 32477

Ion Ratio Lower Upper

91 100

92 59.4 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.26 ug/L

RT: 7.666 min Scan# 2045

Delta R.T. 0.010 min

Lab File: VV020214.D

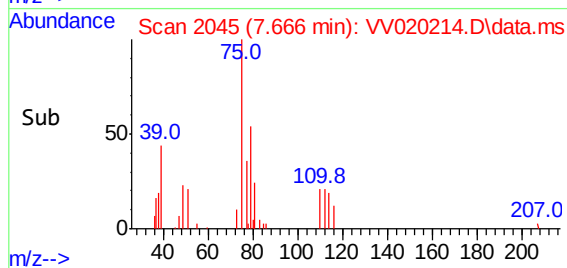
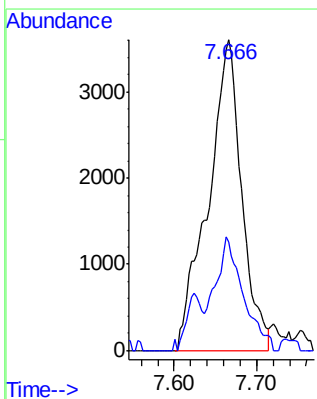
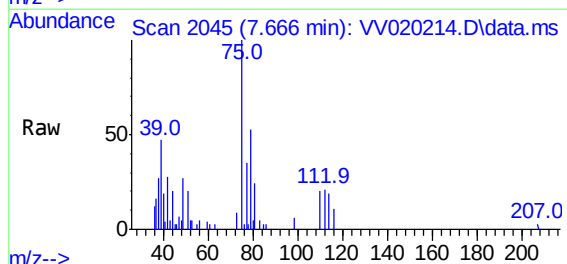
Acq: 28 Jan 2021 15:20

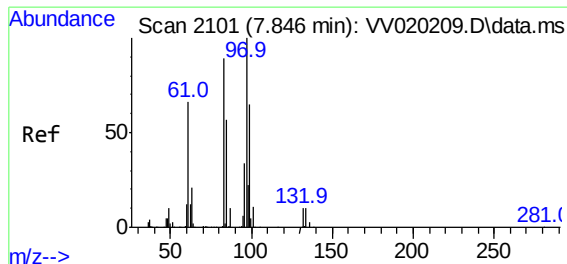
Tgt Ion: 75 Resp: 10169

Ion Ratio Lower Upper

75 100

77 35.0 21.1 39.3



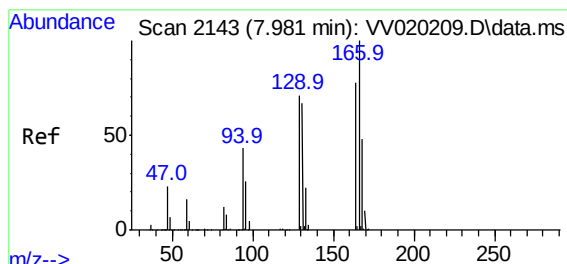
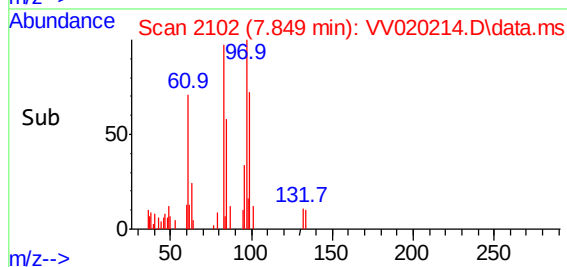
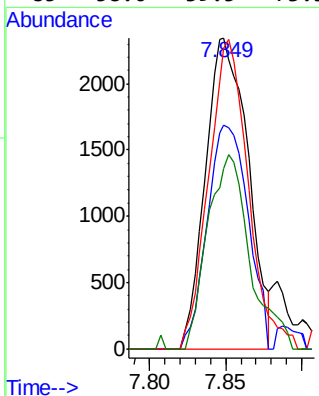
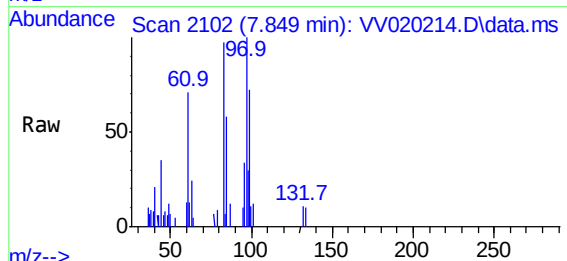


#45
1,1,2-Trichloroethane
Concen: 0.19 ug/L
RT: 7.849 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion: 97 Resp: 4553

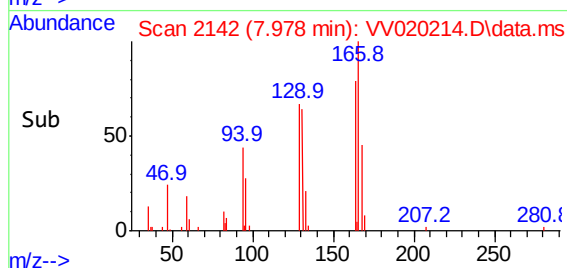
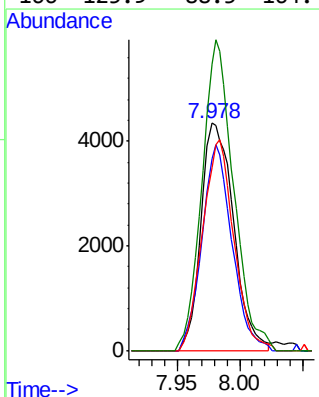
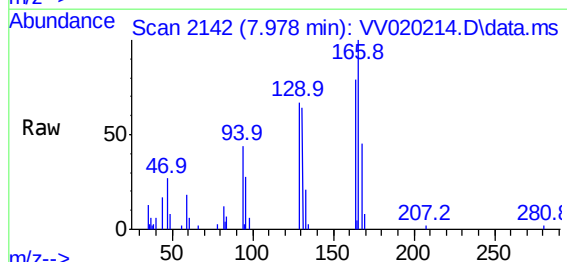
Ion	Ratio	Lower	Upper
97	100		
99	72.2	42.4	78.8
83	96.9	59.4	110.4
85	58.0	39.5	73.3

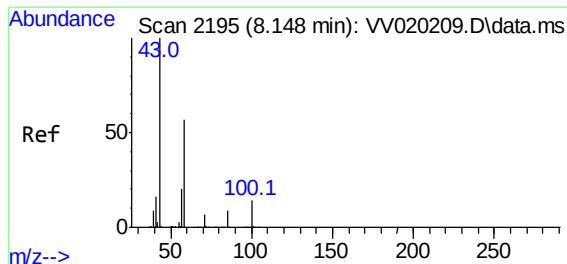


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 164 Resp: 7769

Ion	Ratio	Lower	Upper
164	100		
129	84.3	72.1	133.9
131	80.5	68.9	127.9
166	125.9	88.5	164.4



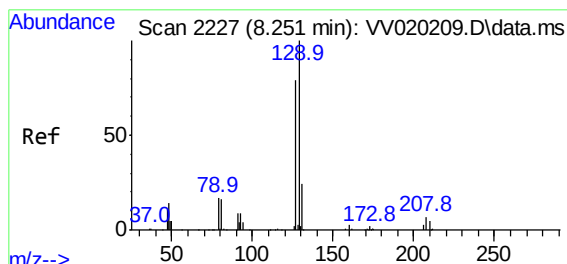
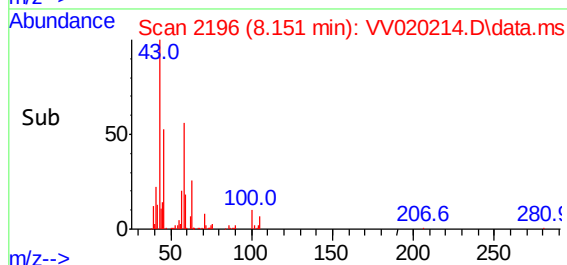
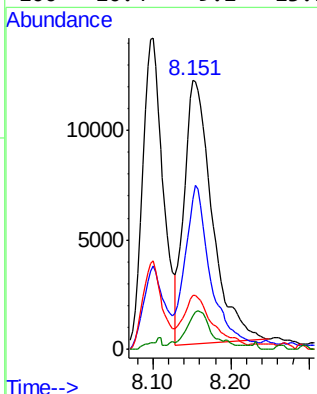
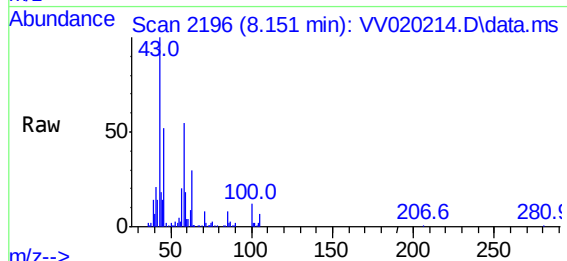


#48
2-Hexanone
Concen: 2.28 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion: 43 Resp: 29551

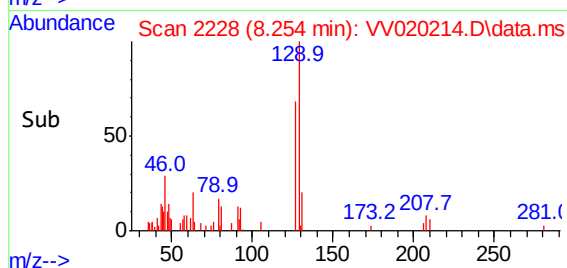
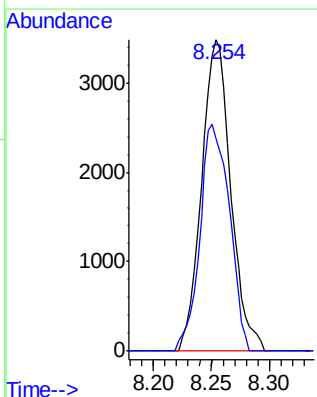
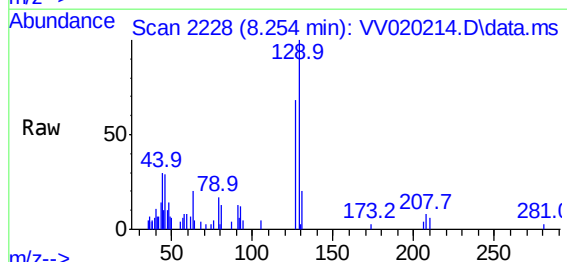
Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.4	63.6
57	19.7	14.8	22.2
100	10.4	9.1	13.7

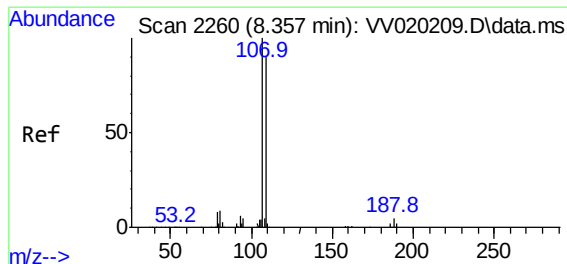


#49
Dibromochloromethane
Concen: 0.22 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 129 Resp: 6085

Ion	Ratio	Lower	Upper
129	100		
127	68.1	55.0	102.2

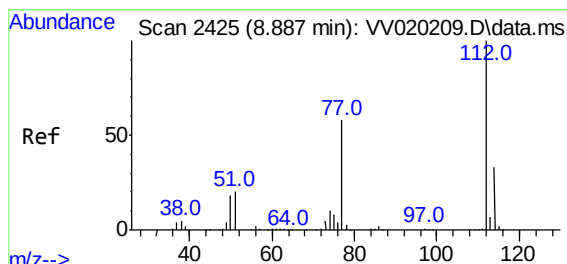
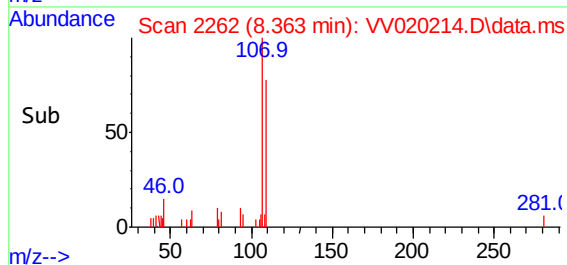
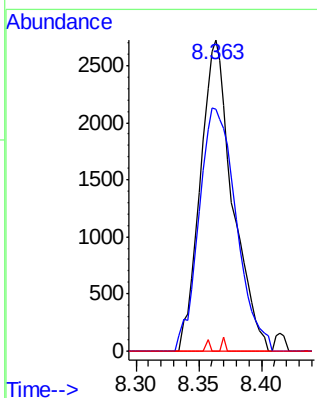
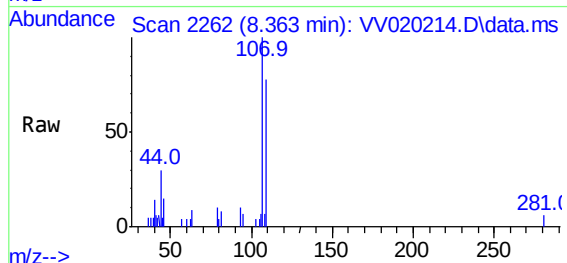




#50
1,2-Dibromoethane
Concen: 0.22 ug/L
RT: 8.363 min Scan# 2262
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

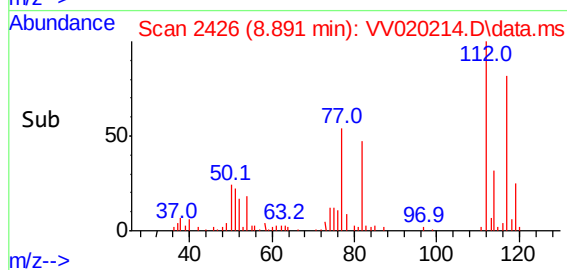
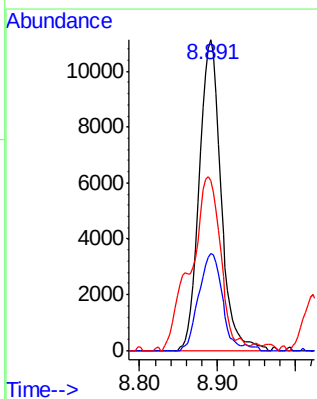
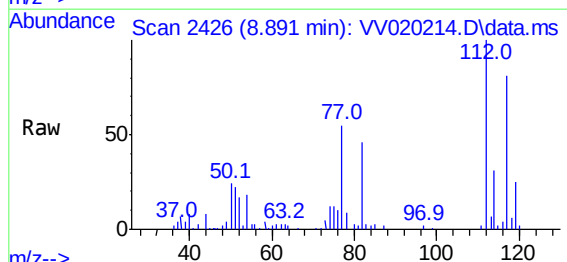
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

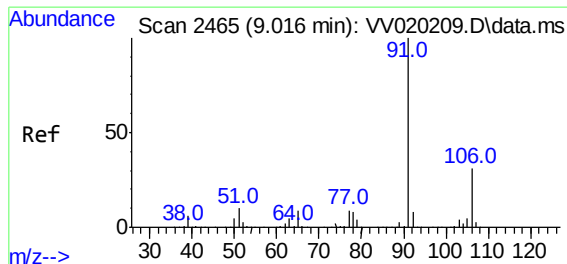
Tgt Ion:107 Resp: 4865
Ion Ratio Lower Upper
107 100
109 77.6 63.8 118.4
188 0.0 2.5 3.7#



#51
Chlorobenzene
Concen: 0.22 ug/L
RT: 8.891 min Scan# 2426
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:112 Resp: 21397
Ion Ratio Lower Upper
112 100
114 31.3 21.8 40.6
77 54.5 51.0 76.4

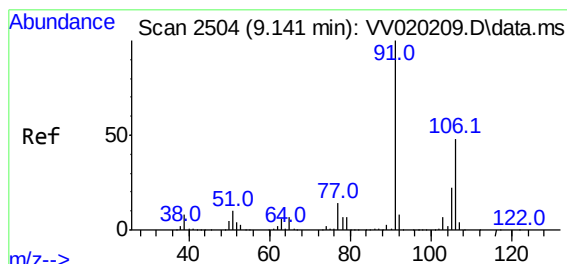
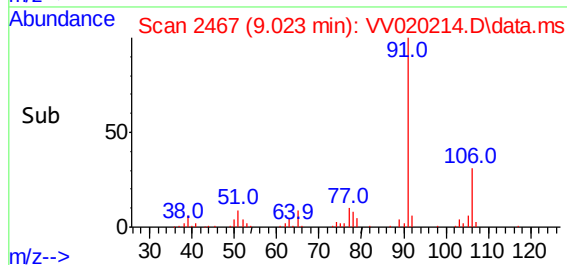
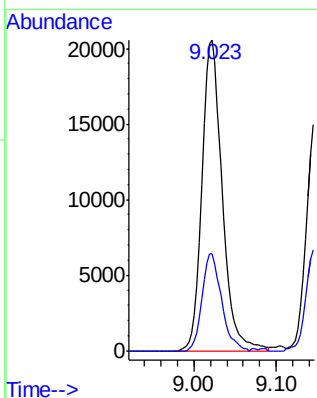
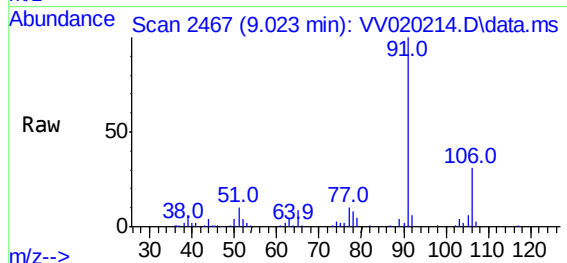




#52
Ethylbenzene
Concen: 0.21 ug/L
RT: 9.023 min Scan# 2467
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

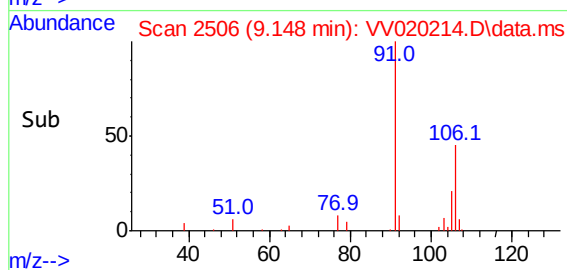
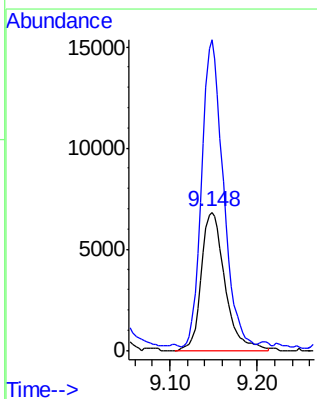
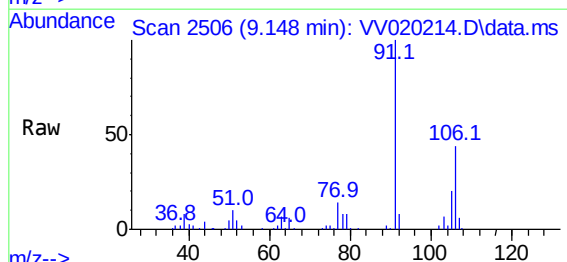
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

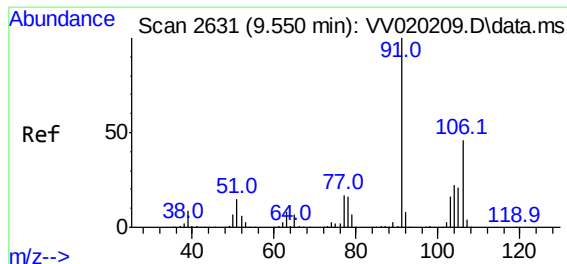
Tgt Ion: 91 Resp: 34864
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7



#53
m,p-xylene
Concen: 0.21 ug/L
RT: 9.148 min Scan# 2506
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 106 Resp: 12832
Ion Ratio Lower Upper
106 100
91 224.9 147.1 273.1

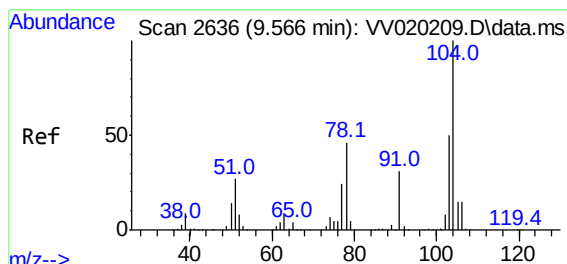
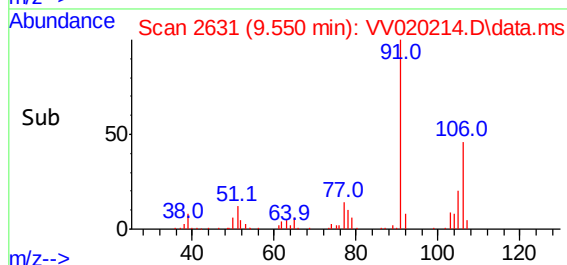
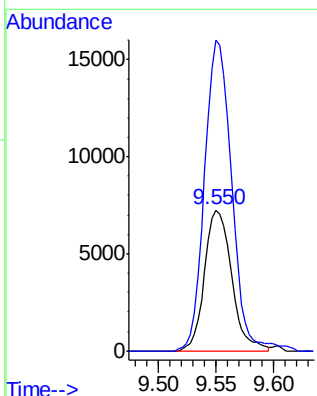
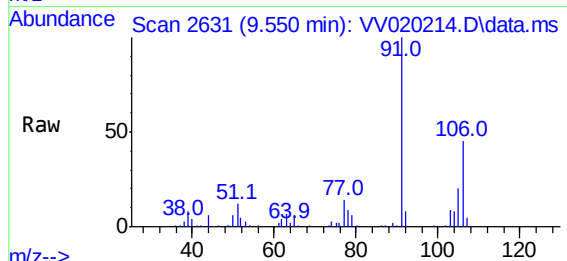




#54
o-xylene
Concen: 0.20 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

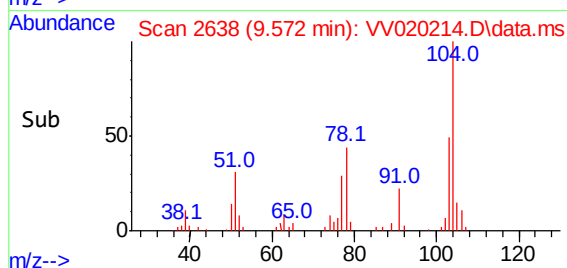
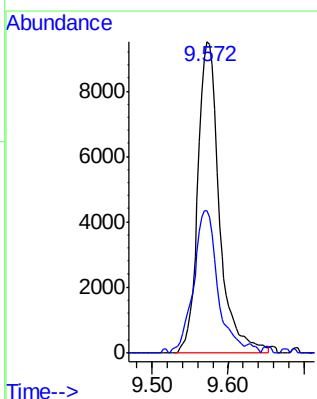
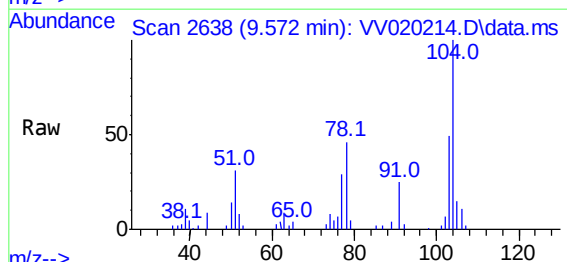
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

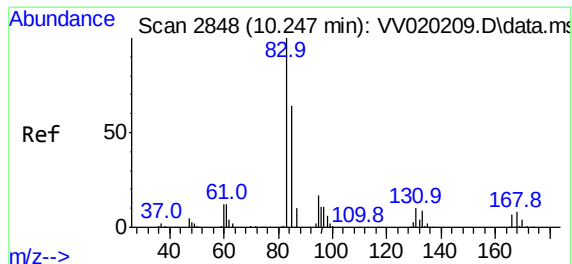
Tgt Ion:106 Resp: 11775
Ion Ratio Lower Upper
106 100
91 221.0 155.8 289.3



#55
Styrene
Concen: 0.18 ug/L
RT: 9.572 min Scan# 2638
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:104 Resp: 18436
Ion Ratio Lower Upper
104 100
78 45.7 33.7 62.7

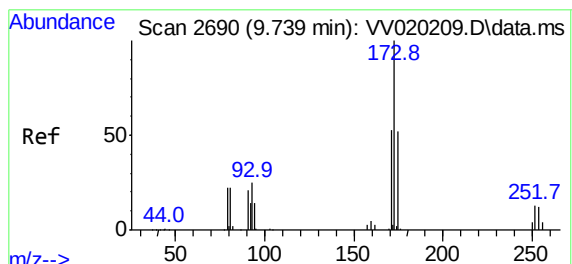
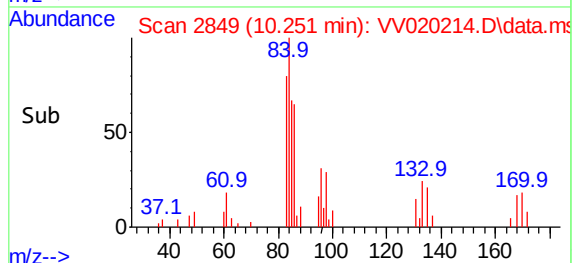
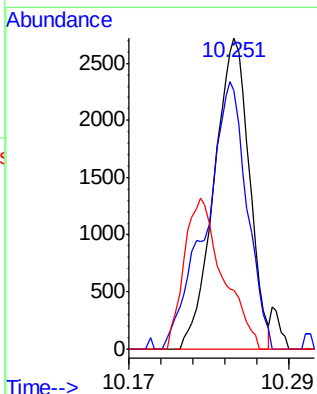
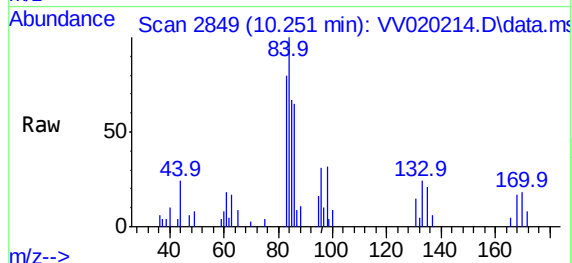




#57
1,1,2,2-Tetrachloroethane
Concen: 0.20 ug/L
RT: 10.251 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

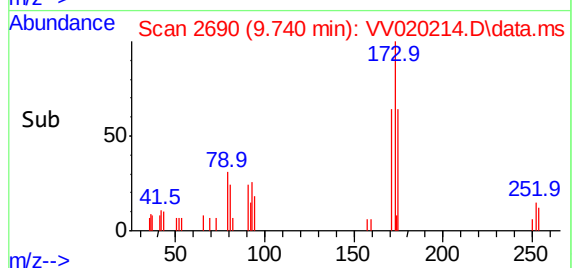
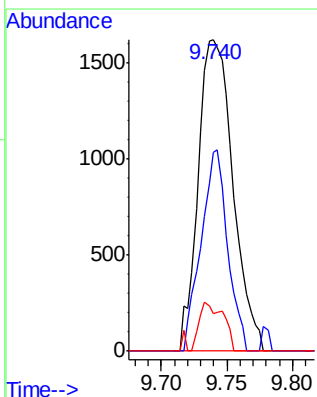
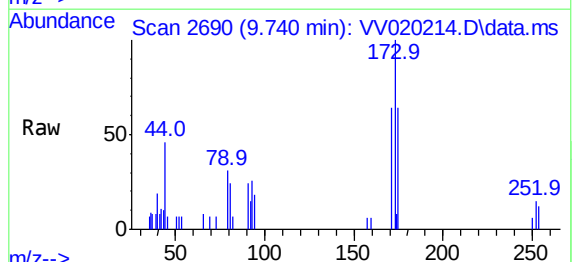
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

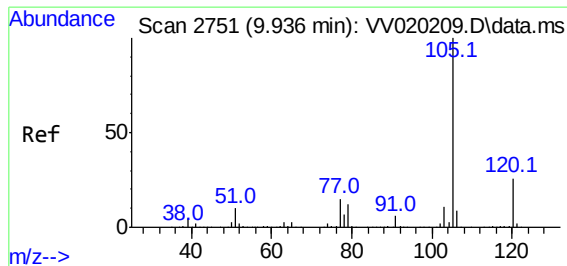
Tgt Ion: 83 Resp: 5045
Ion Ratio Lower Upper
83 100
85 83.2 44.3 82.3#
131 18.9 7.4 11.2#



#59
Bromoform
Concen: 0.20 ug/L
RT: 9.740 min Scan# 2690
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 173 Resp: 2973
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 10.6 6.4 9.6#

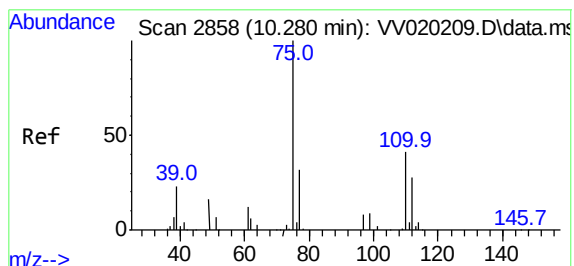
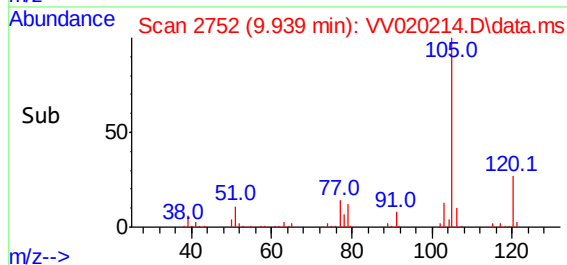
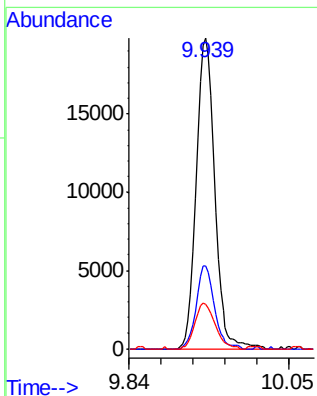
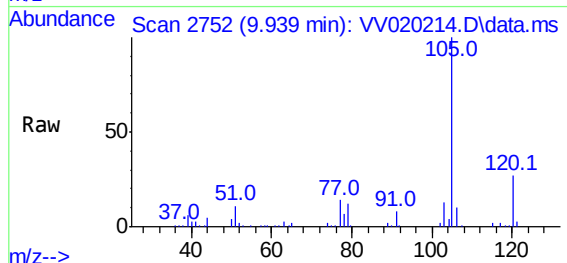




#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

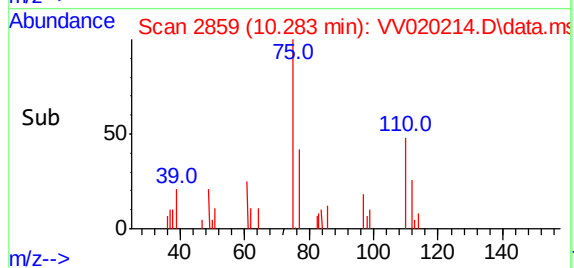
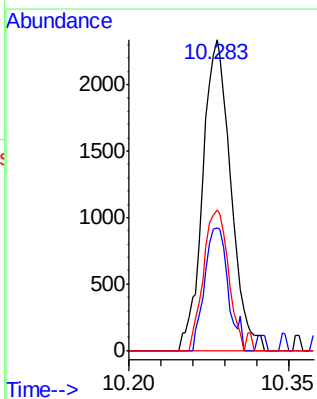
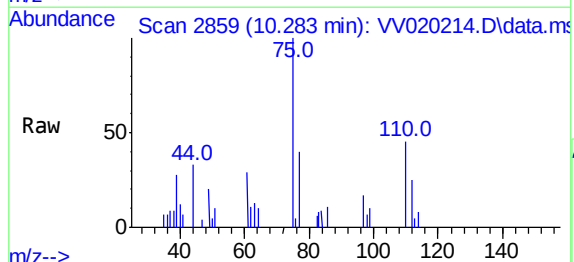
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

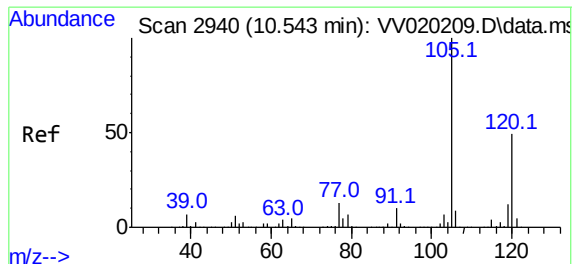
Tgt Ion:105 Resp: 32243
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 0.24 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 75 Resp: 4237
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
110 40.0 30.5 45.7



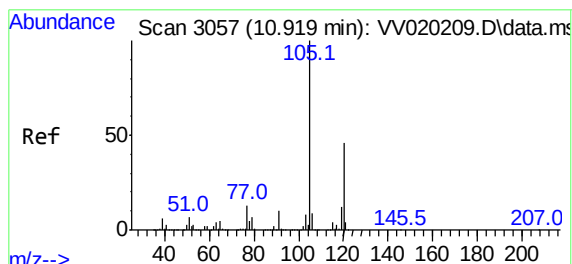
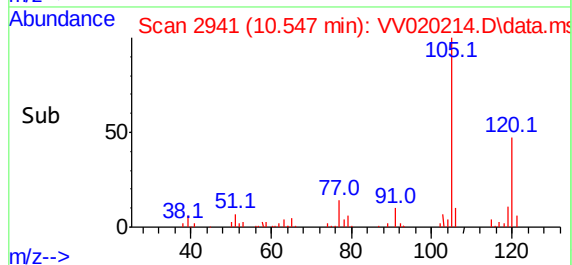
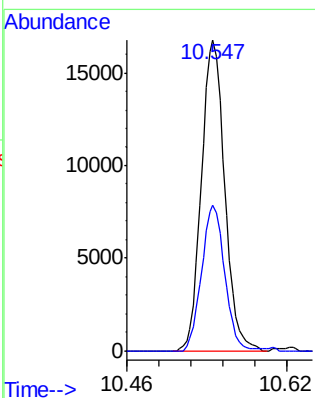
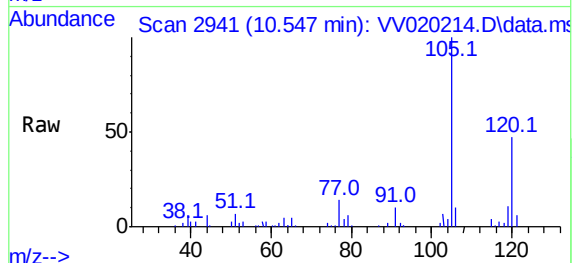


#62
 1,3,5-Trimethylbenzene
 Concen: 0.21 ug/L
 RT: 10.547 min Scan# 2941
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Tgt Ion:105 Resp: 26194

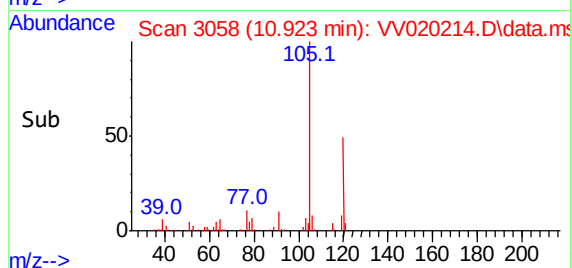
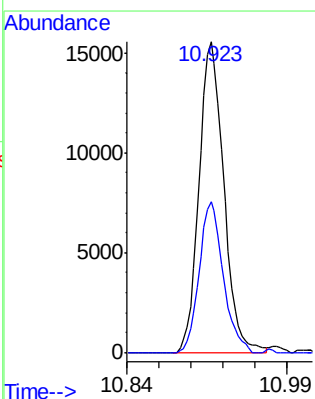
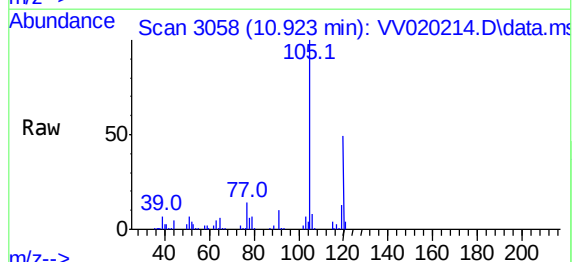
Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.8	56.6

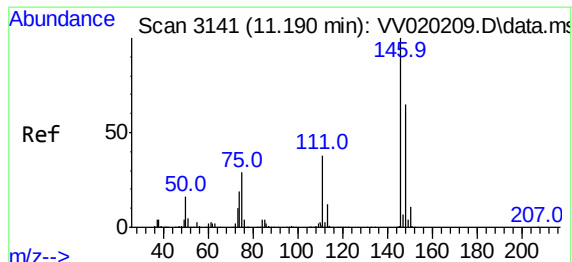


#63
 1,2,4-Trimethylbenzene
 Concen: 0.20 ug/L
 RT: 10.923 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

Tgt Ion:105 Resp: 24880

Ion	Ratio	Lower	Upper
105	100		
120	47.1	34.9	52.3

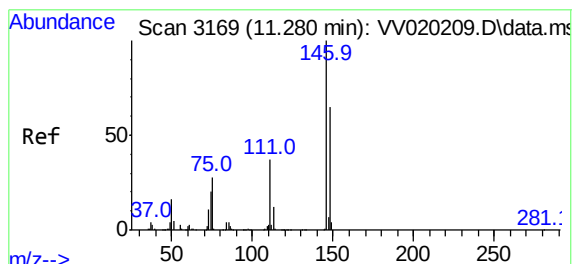
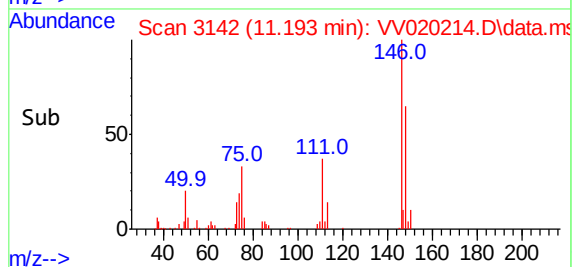
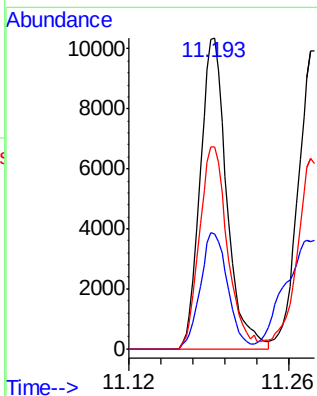
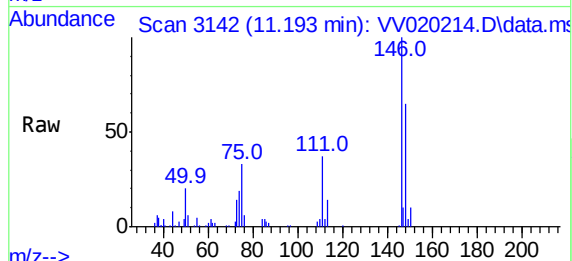




#64
1,3-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.193 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

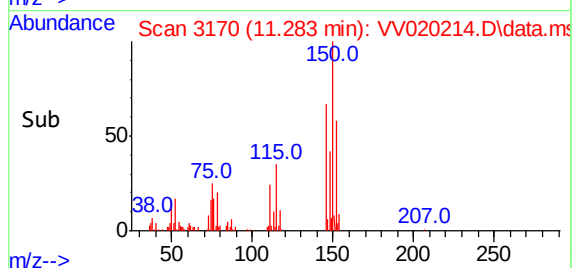
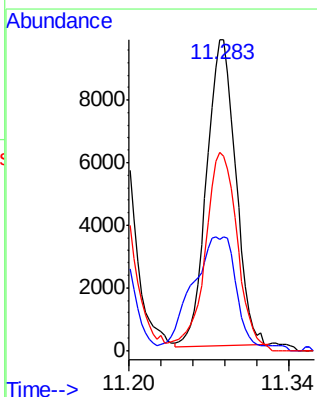
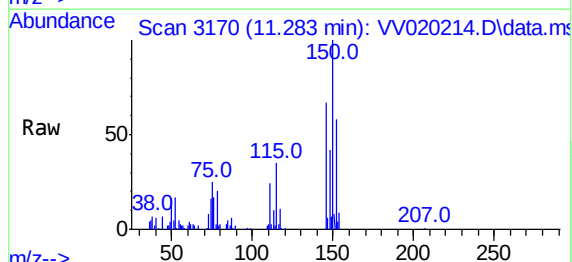
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

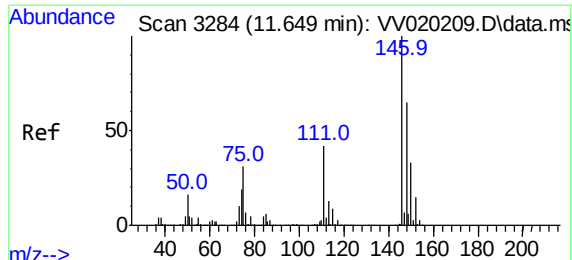
Tgt Ion:146 Resp: 17124
Ion Ratio Lower Upper
146 100
111 36.8 30.4 56.5
148 65.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.283 min Scan# 3170
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:146 Resp: 17039
Ion Ratio Lower Upper
146 100
111 36.4 29.7 55.1
148 62.4 45.1 83.7

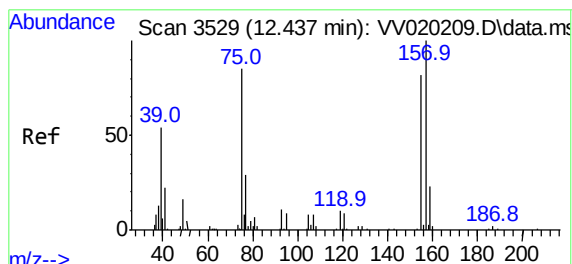
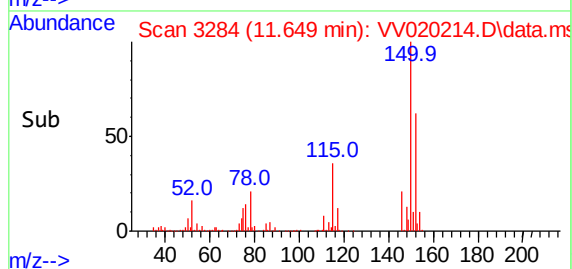
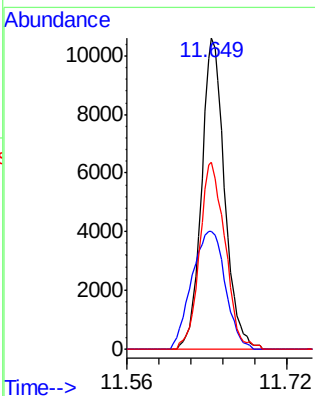
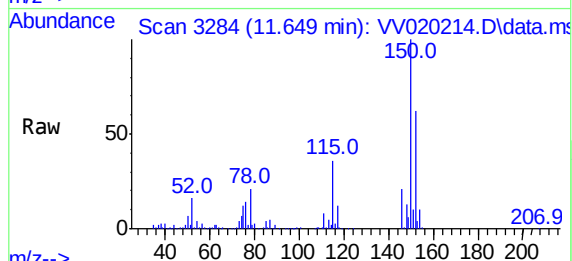




#67
1,2-Dichlorobenzene
Concen: 0.24 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

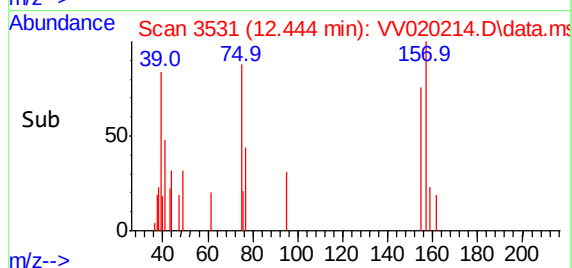
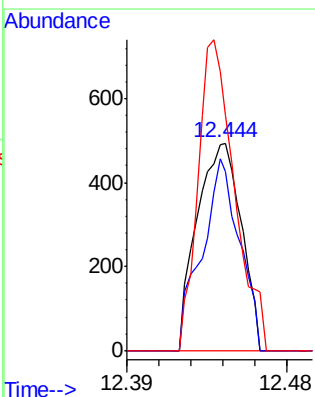
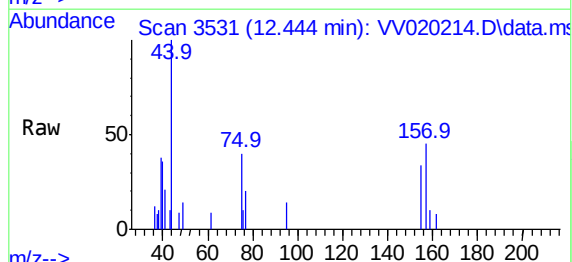
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

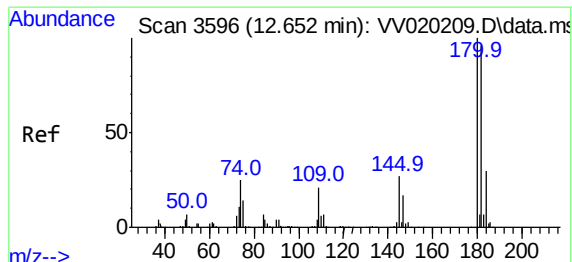
Tgt Ion:146 Resp: 16927
Ion Ratio Lower Upper
146 100
111 37.7 37.7 56.5#
148 59.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.20 ug/L
RT: 12.444 min Scan# 3531
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
155 86.0 56.5 84.7#
157 113.2 74.2 111.2#



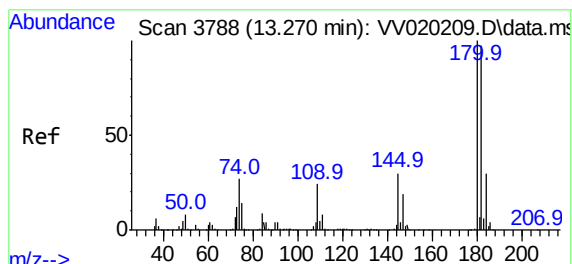
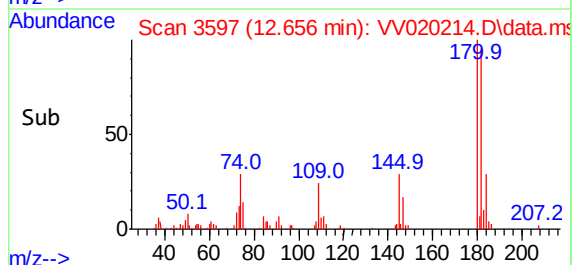
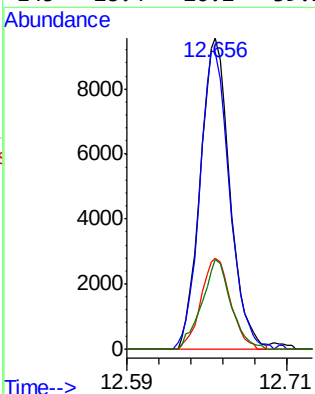
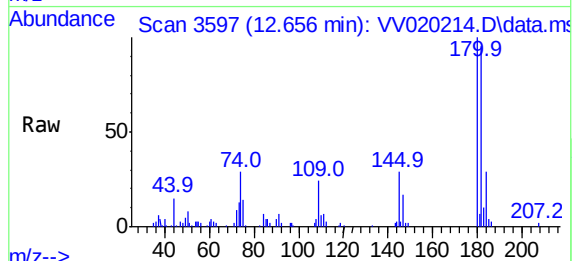


#69
1,3,5-Trichlorobenzene
Concen: 0.22 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion:180 Resp: 14828

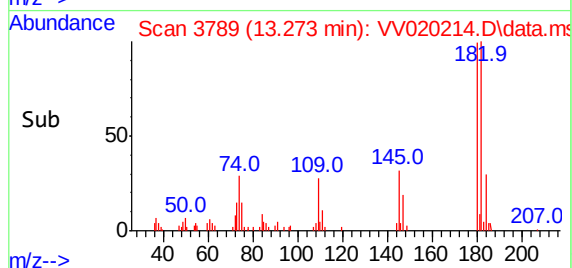
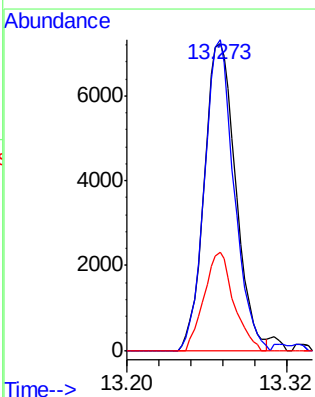
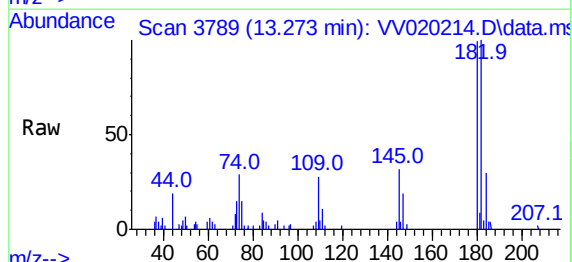
Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.9	113.9
184	28.9	23.5	35.3
145	28.4	26.2	39.2

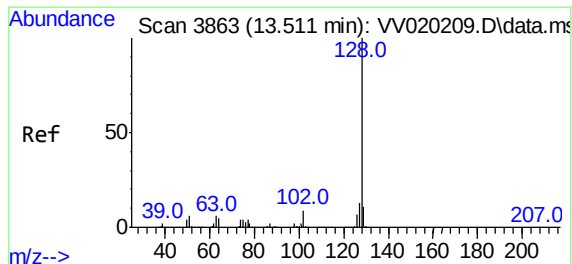


#70
1,2,4-trichlorobenzene
Concen: 0.22 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:180 Resp: 12006

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	30.2	26.6	39.8

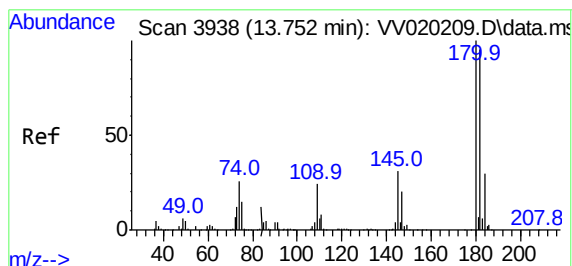
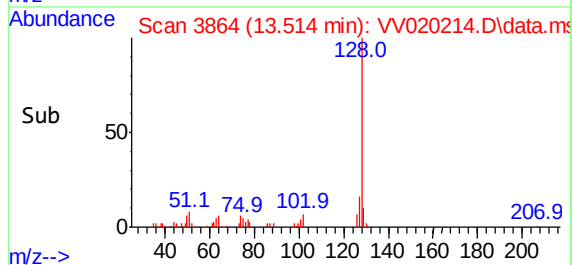
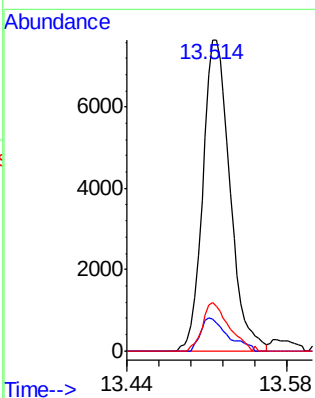
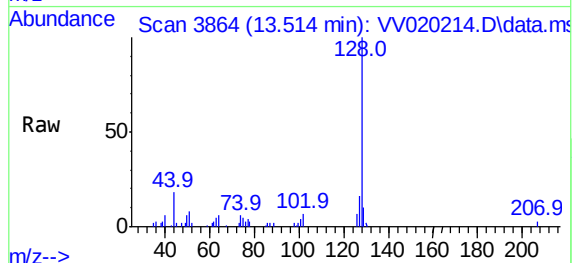




#71
Naphthalene
Concen: 0.18 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Tgt Ion:128 Resp: 12915
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 15.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.21 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:180 Resp: 9982
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
145 29.9 28.8 43.2

