

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020403.D
 Acq On : 24 Feb 2021 19:28
 Operator : SY/MD
 Sample : M1344-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Quant Time: Feb 25 00:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	574087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	552983	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	282592	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	136719	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.26%
7) Chloroethane-d5	1.571	69	128227	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.02%
11) 1,1-Dichloroethene-d2	2.111	63	209159	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.36%
21) 2-Butanone-d5	3.892	46	225485	105.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.43%
24) Chloroform-d	4.352	84	314739	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.037	65	212381	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
32) Benzene-d6	5.053	84	628088	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
36) 1,2-Dichloropropane-d6	6.072	67	199240	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.66%
41) Toluene-d8	7.320	98	578768	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%
43) trans-1,3-Dichloroprop...	7.625	79	89876	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.82%
47) 2-Hexanone-d5	8.092	63	147277	98.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.52%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	262575	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
66) 1,2-Dichlorobenzene-d4	11.632	152	264338	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	7970	1.70	ug/L	99
3) Chloromethane	1.243	50	7766	1.93	ug/L	98
5) Vinyl chloride	1.314	62	8272	1.90	ug/L #	76
6) Bromomethane	1.523	94	5742	2.01	ug/L	90
8) Chloroethane	1.587	64	5134	1.93	ug/L	99
9) Trichlorofluoromethane	1.754	101	11246	1.73	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7987	2.24	ug/L #	78
12) 1,1-Dichloroethene	2.121	96	7387	2.22	ug/L #	1
13) Acetone	2.182	43	6105	3.88	ug/L	67
14) Carbon disulfide	2.298	76	15899	1.83	ug/L	97
15) Methyl Acetate	2.442	43	6048	1.84	ug/L #	89
16) Methylene chloride	2.510	84	8369	2.21	ug/L	99
17) trans-1,2-Dichloroethene	2.767	96	6298	1.81	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	18225	1.74	ug/L	98
19) 1,1-Dichloroethane	3.195	63	11281	1.78	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	6821	1.77	ug/L	93
23) Bromochloromethane	4.259	128	2610	1.26	ug/L #	83
25) Chloroform	4.381	83	21592	3.11	ug/L	93
27) 1,2-Dichloroethane	5.143	62	9254	1.80	ug/L	95
29) Cyclohexane	4.680	56	8339	1.70	ug/L #	70

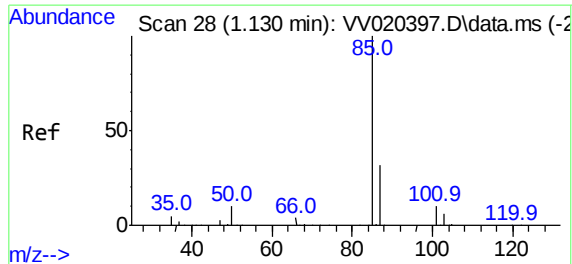
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.609	97	5245	0.90	ug/L #	39
31) Carbon tetrachloride	4.831	117	8748	1.73	ug/L	97
33) Benzene	5.105	78	24952	1.80	ug/L	100
34) Trichloroethene	5.924	95	8471	2.10	ug/L	98
35) Methylcyclohexane	6.137	83	8459	1.56	ug/L	95
37) 1,2-Dichloropropane	6.185	63	5889	1.67	ug/L	97
38) Bromodichloromethane	6.519	83	8216	1.70	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	8795	1.64	ug/L #	83
40) 4-Methyl-2-pentanone	7.236	43	14269	3.27	ug/L	96
42) Toluene	7.397	91	26581	1.75	ug/L	96
44) trans-1,3-Dichloropropene	7.664	75	9325	1.78	ug/L	93
45) 1,1,2-Trichloroethane	7.847	97	6319	1.71	ug/L	90
46) Tetrachloroethene	7.982	164	5734	1.77	ug/L	91
48) 2-Hexanone	8.149	43	24656	7.30	ug/L #	95
49) Dibromochloromethane	8.252	129	6579	1.64	ug/L	98
50) 1,2-Dibromoethane	8.365	107	7129	1.81	ug/L	85
51) Chlorobenzene	8.889	112	19459	1.84	ug/L	94
52) Ethylbenzene	9.021	91	27074	1.61	ug/L	99
53) m,p-Xylene	9.146	106	10531	1.64	ug/L	96
54) o-Xylene	9.551	106	10101	1.60	ug/L	94
55) Styrene	9.571	104	15064	1.39	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	10165	1.86	ug/L #	96
59) Bromoform	9.738	173	4082	1.54	ug/L #	98
60) Isopropylbenzene	9.937	105	24842	1.60	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	8751	1.97	ug/L	98
62) 1,3,5-Trimethylbenzene	10.548	105	18987	1.50	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	18919	1.45	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	14588	1.79	ug/L	94
65) 1,4-Dichlorobenzene	11.281	146	16026	1.89	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	15959	1.96	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	1527	1.48	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.654	180	11558	1.82	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	8738	1.58	ug/L	99
71) Naphthalene	13.516	128	19054	1.25	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	8859	1.60	ug/L	99

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

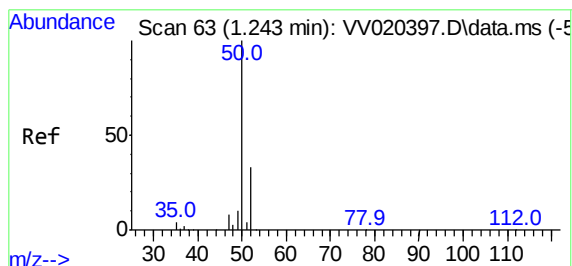
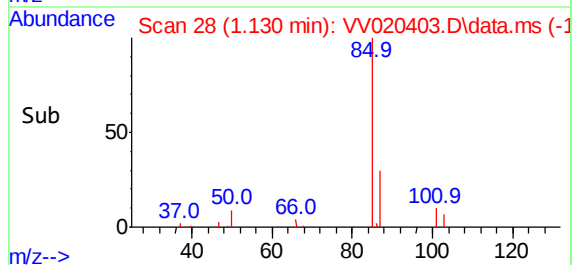
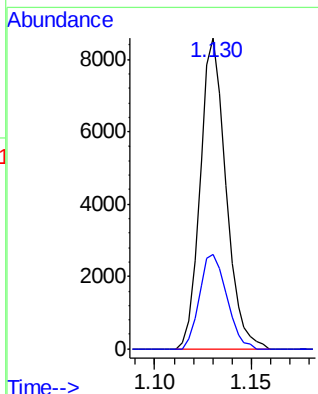
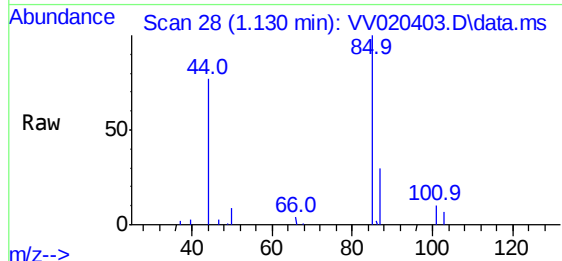


#2

Dichlorodifluoromethane
Concen: 1.70 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

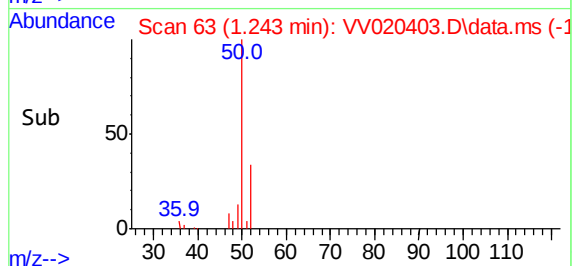
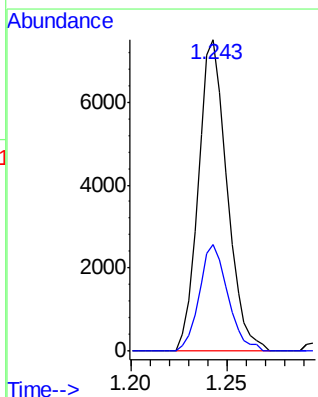
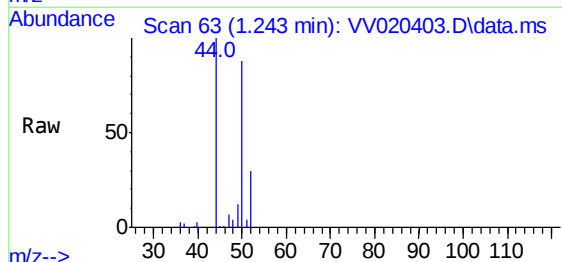
Tgt Ion: 85 Resp: 7970
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.2

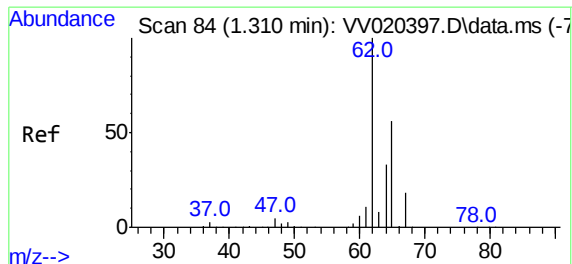


#3

Chloromethane
Concen: 1.93 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 50 Resp: 7766
Ion Ratio Lower Upper
50 100
52 34.0 22.9 42.5

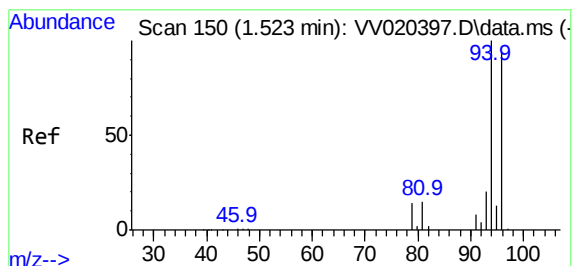
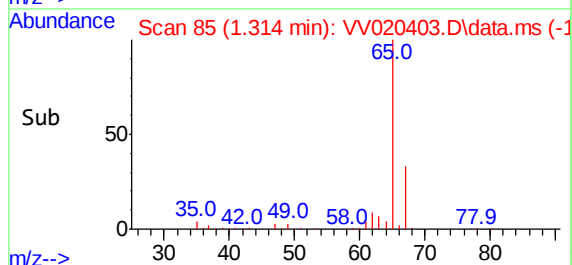
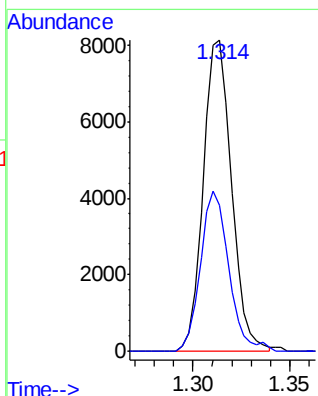
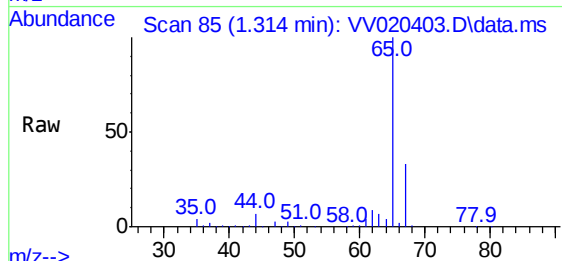




#5
 Vinyl chloride
 Concen: 1.90 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

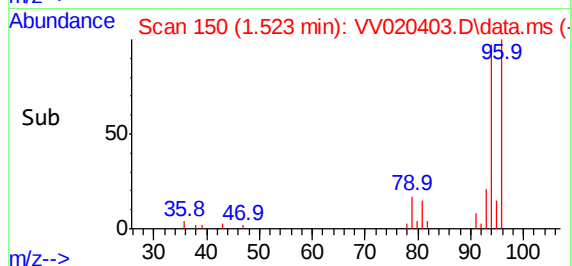
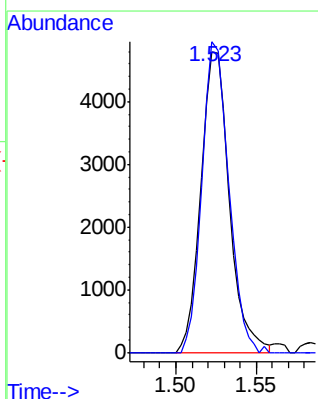
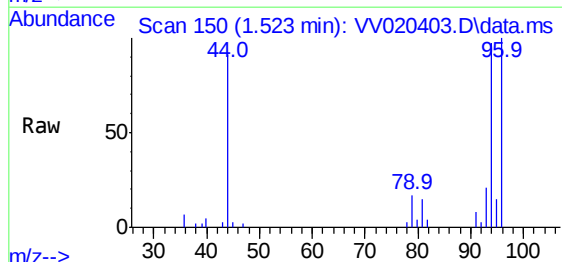
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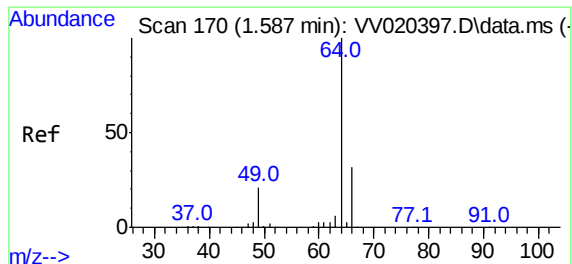
Tgt Ion: 62 Resp: 8272
 Ion Ratio Lower Upper
 62 100
 64 46.8 23.1 42.9#



#6
 Bromomethane
 Concen: 2.01 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 94 Resp: 5742
 Ion Ratio Lower Upper
 94 100
 96 103.5 65.9 122.5

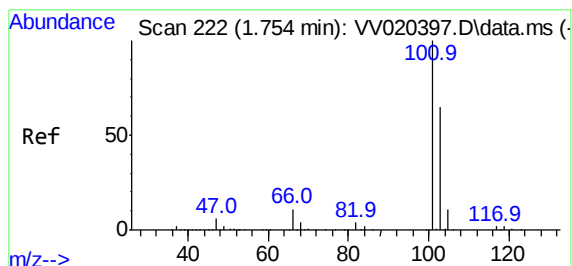
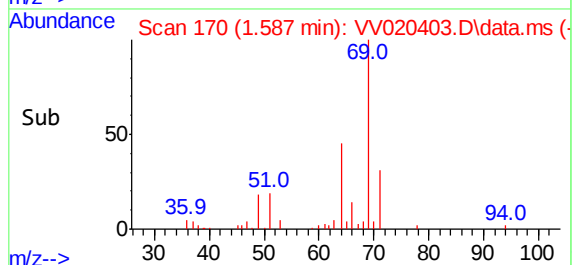
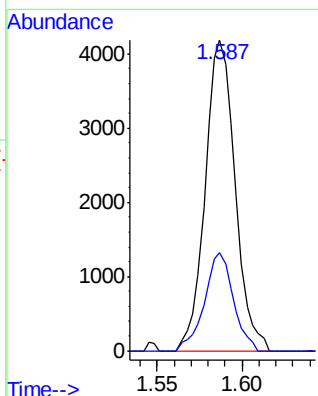
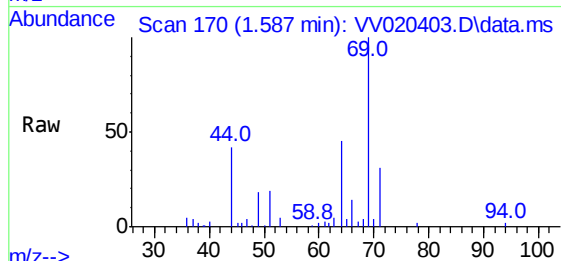




#8
Chloroethane
Concen: 1.93 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

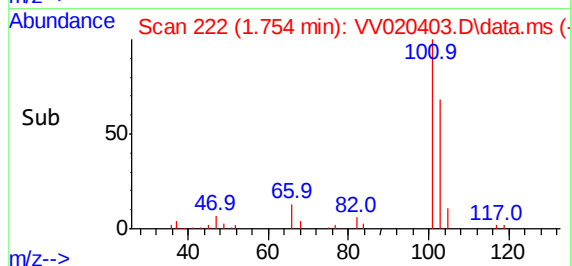
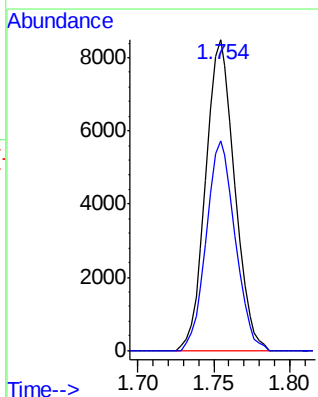
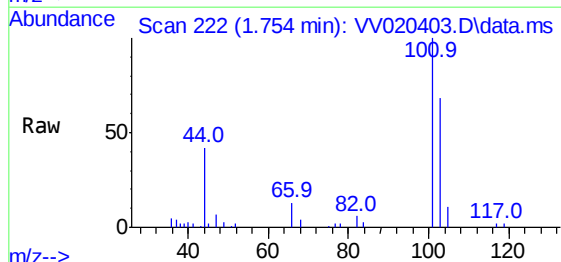
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ClientSampleId :
MDL-WATER-QT2-2021-03

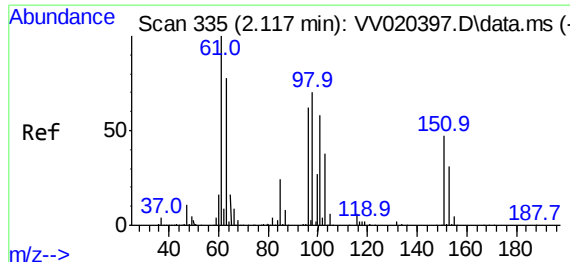
Tgt Ion: 64 Resp: 5134
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 1.73 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 101 Resp: 11246
Ion Ratio Lower Upper
101 100
103 67.2 51.8 77.6

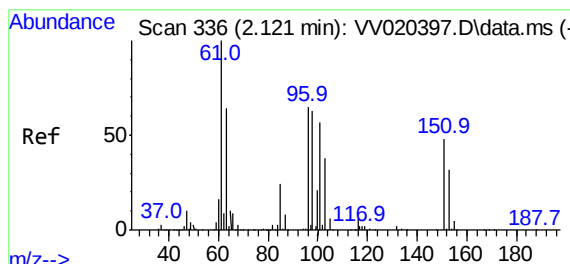
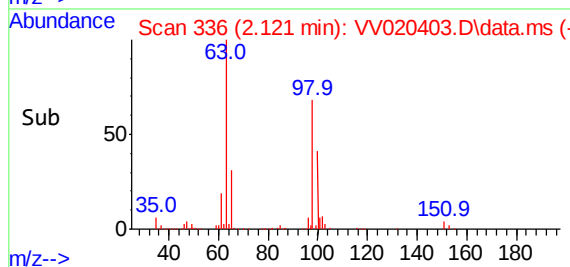
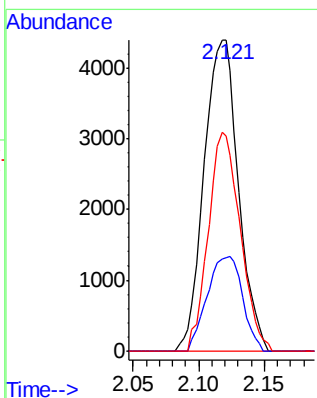
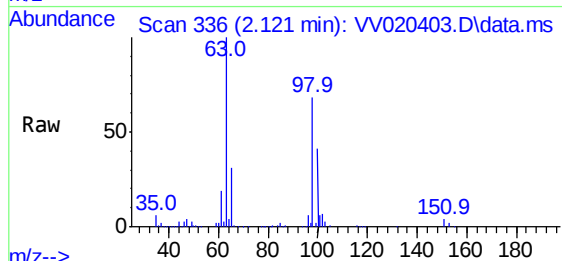




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.24 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

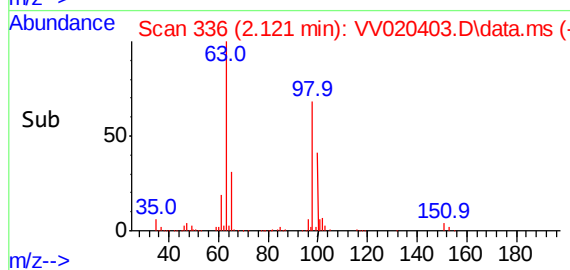
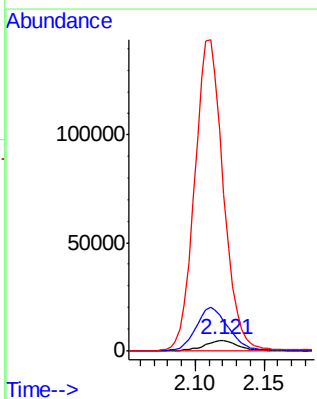
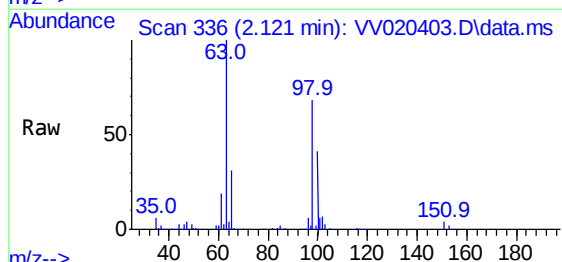
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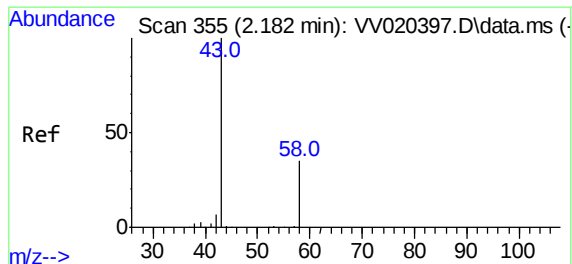
Tgt Ion:101 Resp: 7987
 Ion Ratio Lower Upper
 101 100
 85 31.1 32.4 48.6#
 151 65.4 71.0 106.6#



#12
 1,1-Dichloroethene
 Concen: 2.22 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 96 Resp: 7387
 Ion Ratio Lower Upper
 96 100
 61 292.9 110.9 206.1#
 63 1546.3 82.1 152.5#

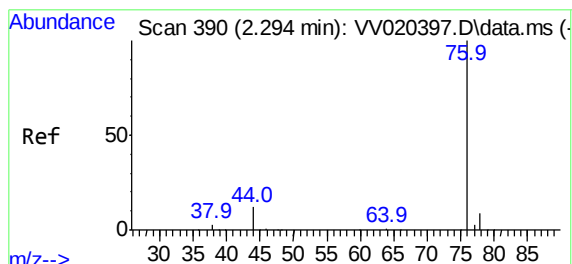
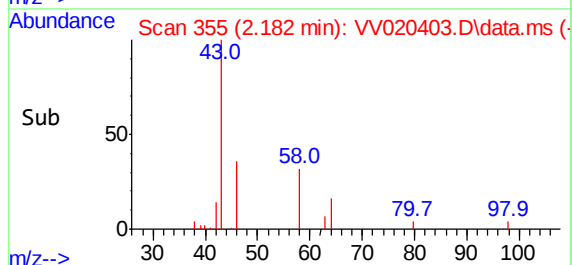
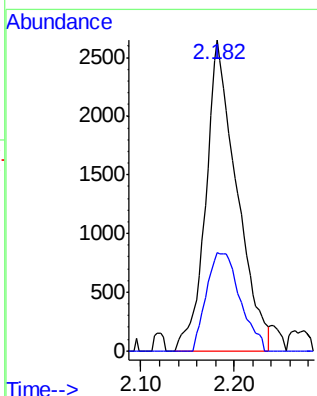
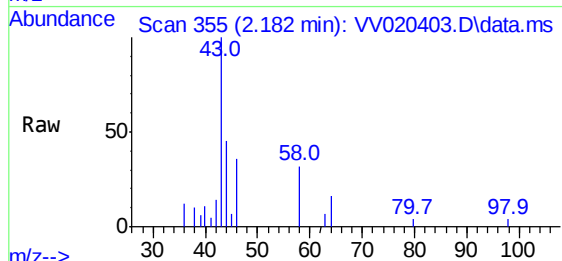




#13
Acetone
Concen: 3.88 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

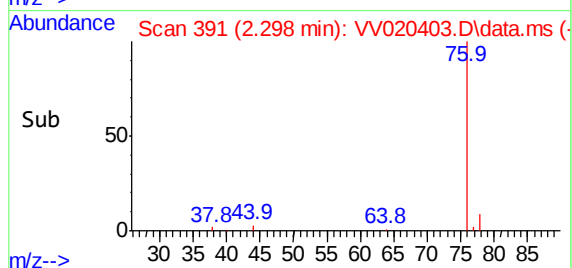
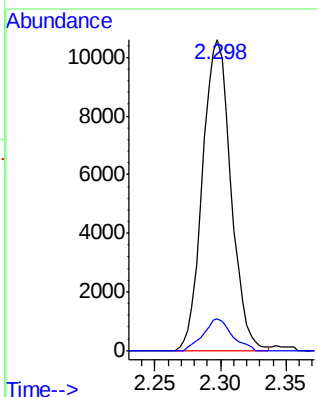
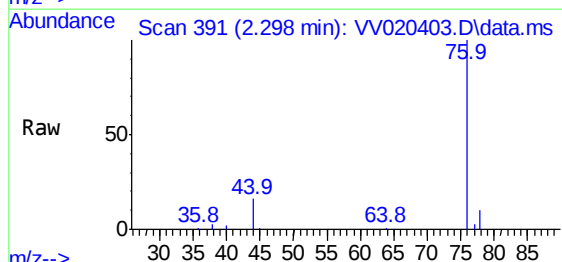
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

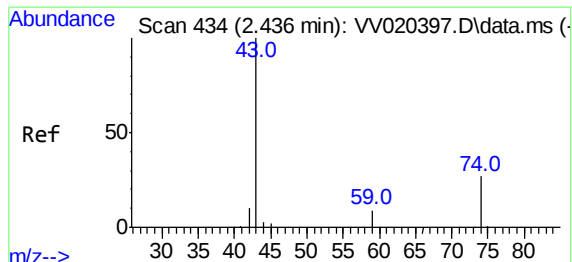
Tgt Ion: 43 Resp: 6105
Ion Ratio Lower Upper
43 100
58 15.2 0.0 68.0



#14
Carbon disulfide
Concen: 1.83 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 76 Resp: 15899
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

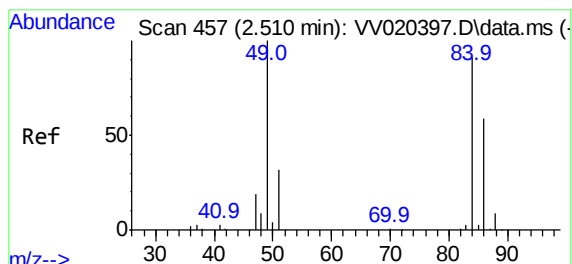
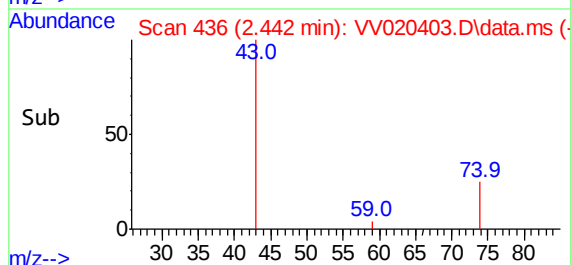
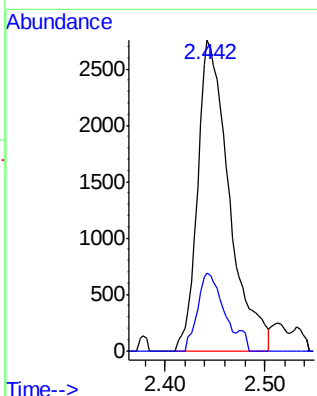
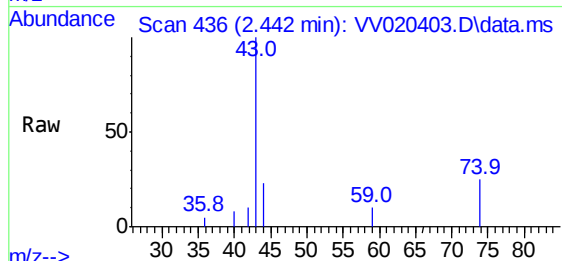




#15
Methyl Acetate
Concen: 1.84 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

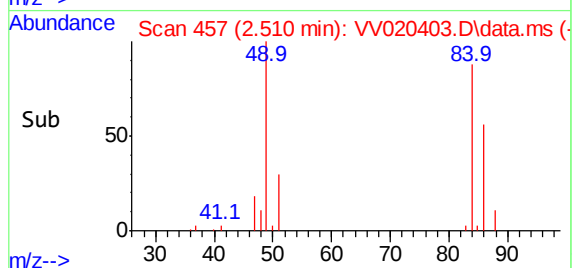
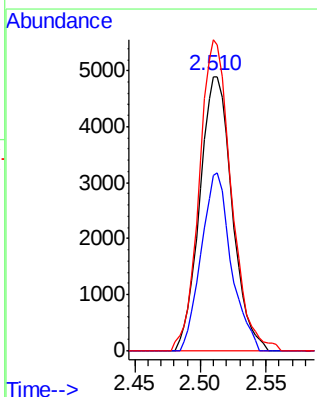
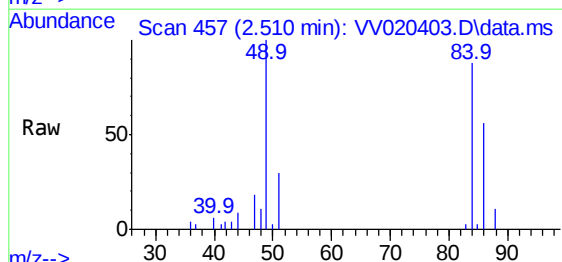
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

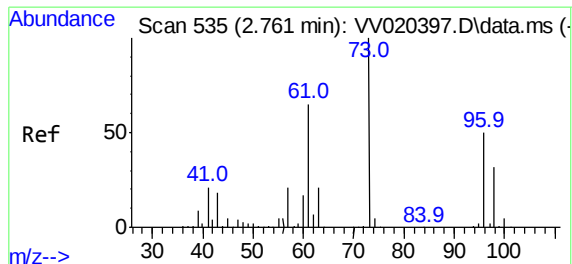
Tgt Ion: 43 Resp: 6048
Ion Ratio Lower Upper
43 100
74 20.0 20.6 30.8#



#16
Methylene chloride
Concen: 2.21 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 84 Resp: 8369
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 113.3 78.5 145.7

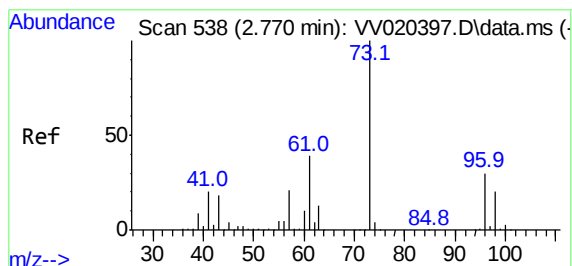
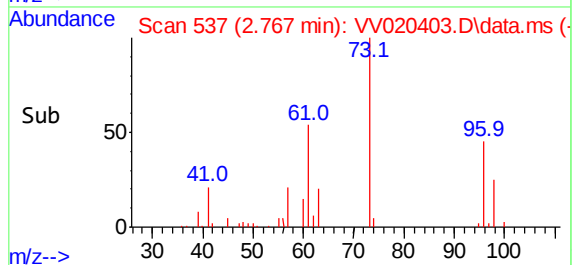
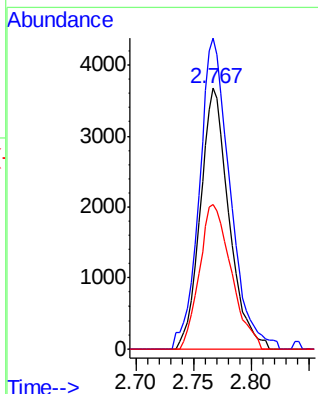
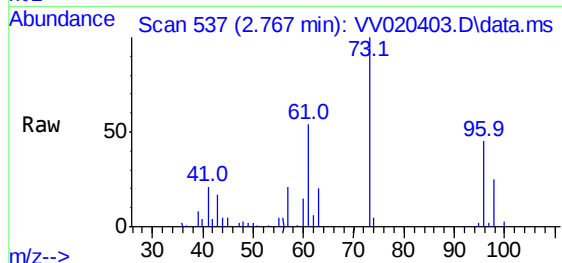




#17
trans-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

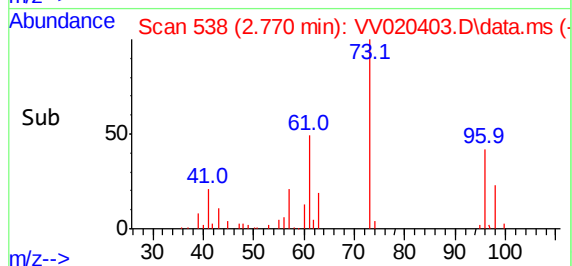
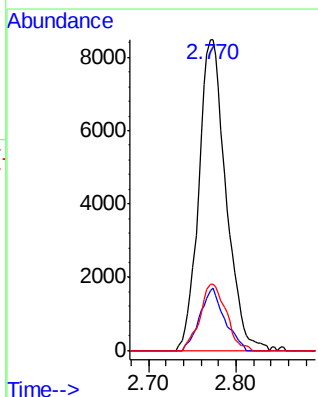
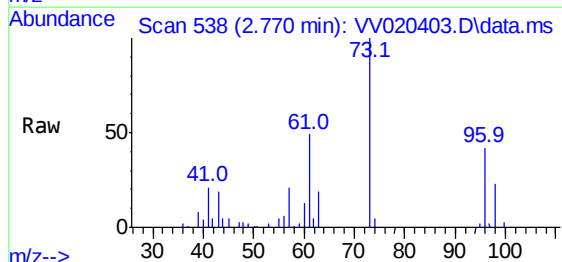
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

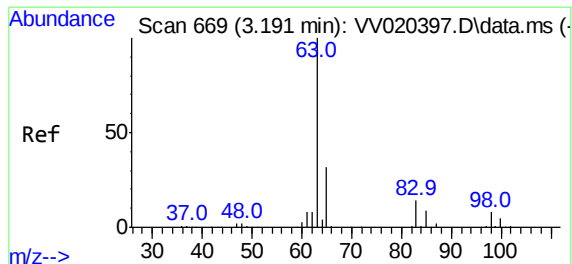
Tgt Ion: 96 Resp: 6298
Ion Ratio Lower Upper
96 100
61 119.4 92.0 170.9
98 55.5 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 1.74 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 73 Resp: 18225
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.6
57 20.6 17.2 25.8



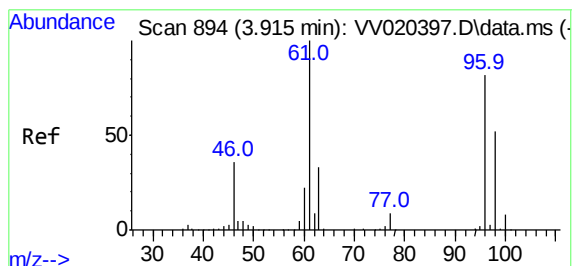
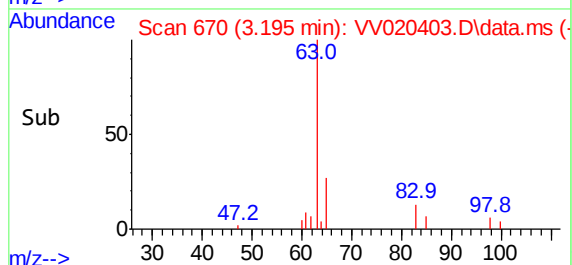
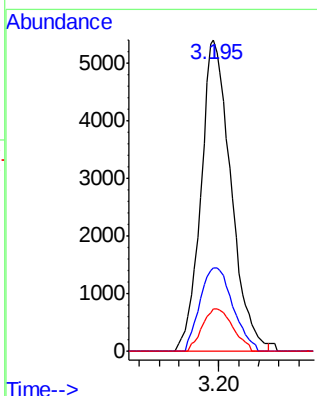
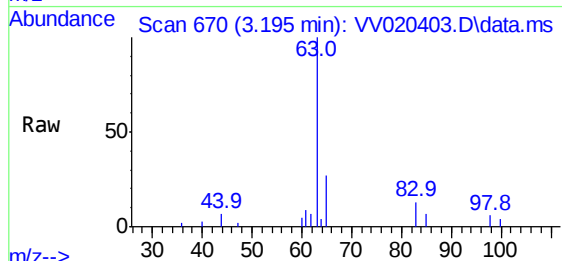


#19
1,1-Dichloroethane
Concen: 1.78 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 63 Resp: 11281

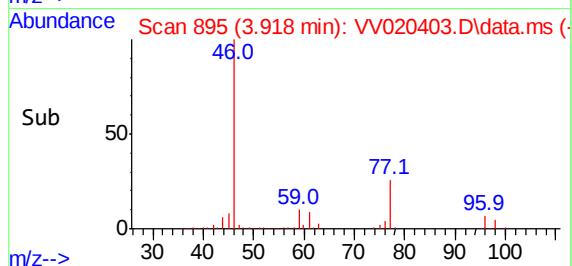
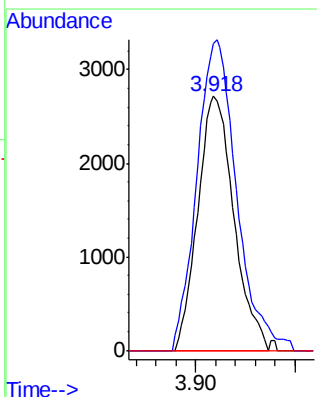
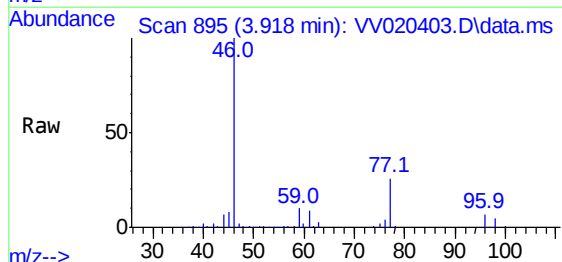
Ion	Ratio	Lower	Upper
63	100		
65	26.8	21.8	40.4
83	13.4	9.4	17.4

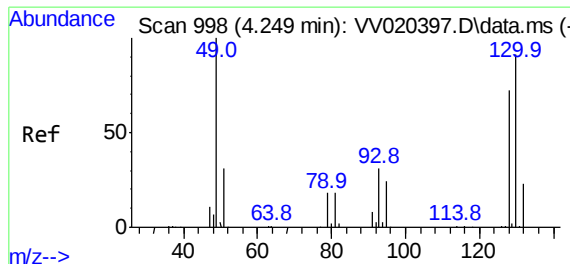


#20
cis-1,2-Dichloroethene
Concen: 1.77 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 96 Resp: 6821

Ion	Ratio	Lower	Upper
96	100		
61	121.1	90.6	168.3
68	0.0	0.0	0.0

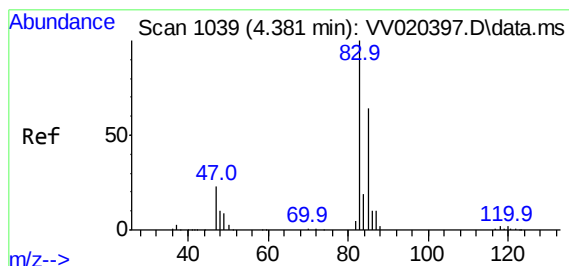
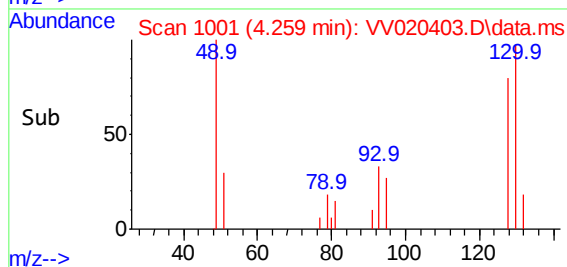
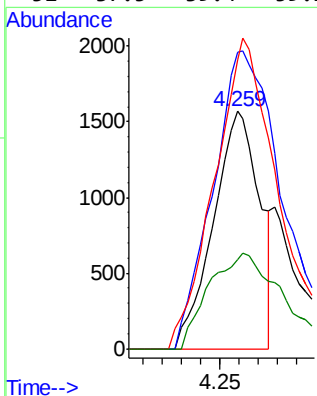
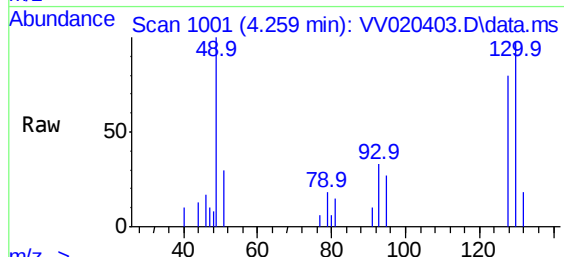




#23
Bromochloromethane
Concen: 1.26 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

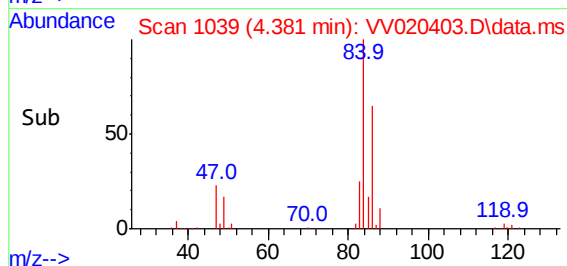
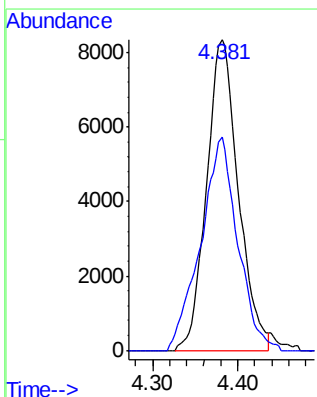
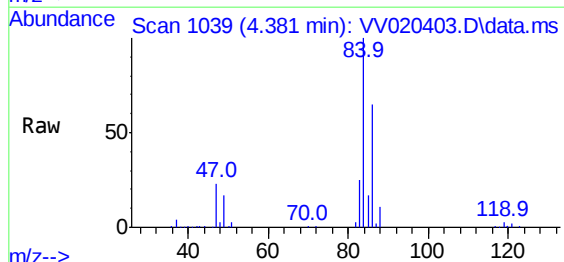
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

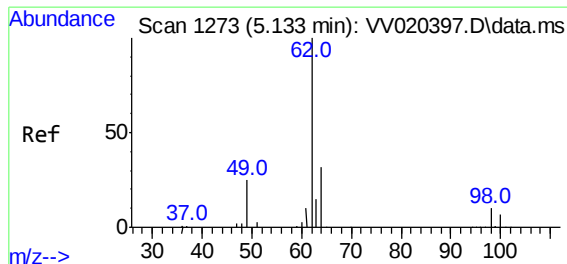
Tgt Ion:128 Resp: 2610
Ion Ratio Lower Upper
128 100
49 125.3 109.8 203.8
130 121.9 92.8 172.4
51 37.5 39.4 59.2#



#25
Chloroform
Concen: 3.11 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 83 Resp: 21592
Ion Ratio Lower Upper
83 100
85 68.8 44.6 82.8

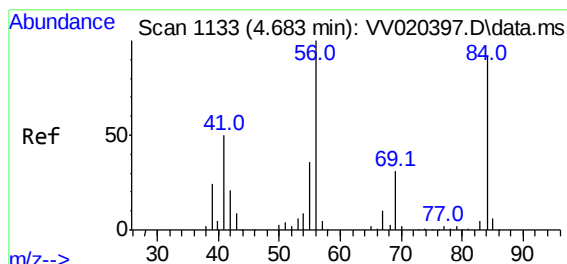
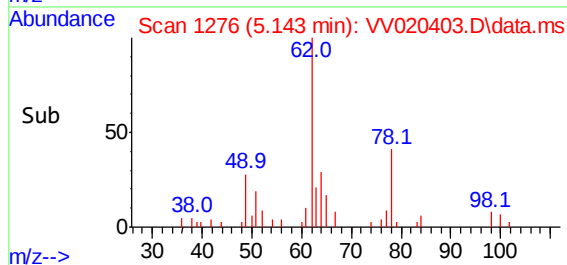
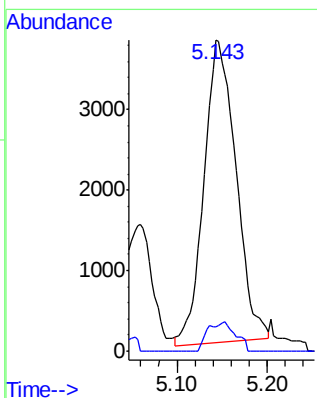
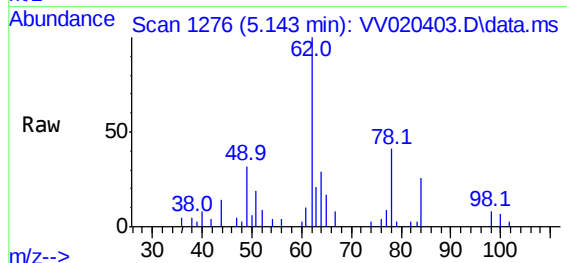




#27
1,2-Dichloroethane
Concen: 1.80 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

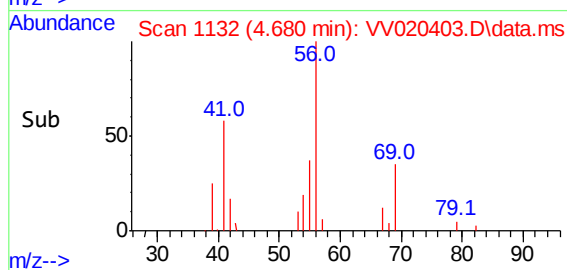
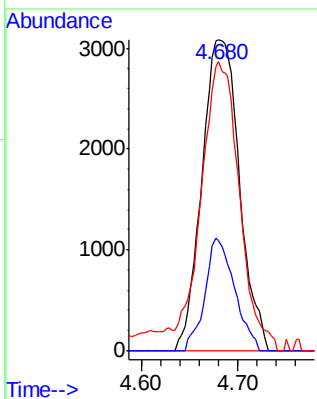
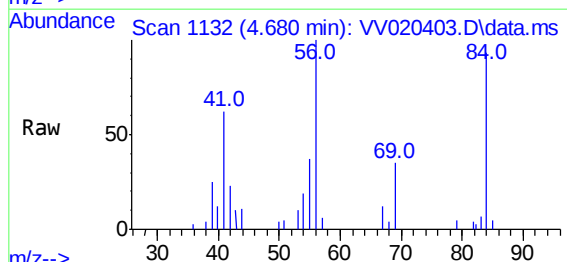
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

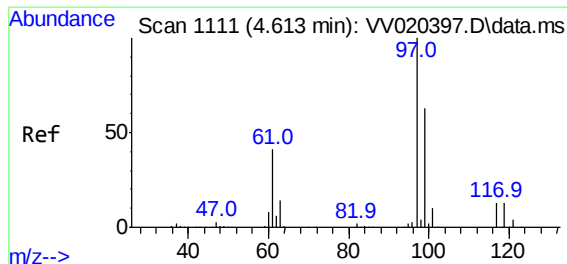
Tgt Ion: 62 Resp: 9254
Ion Ratio Lower Upper
62 100
98 7.8 7.8 11.6



#29
Cyclohexane
Concen: 1.70 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 56 Resp: 8339
Ion Ratio Lower Upper
56 100
69 28.3 25.1 37.7
84 51.9 70.6 106.0#

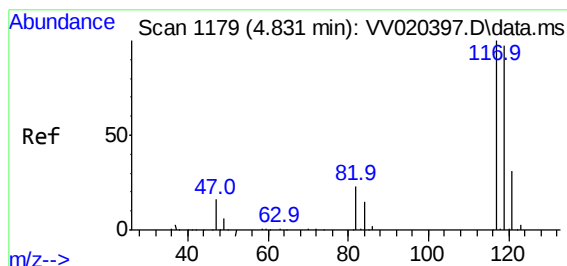
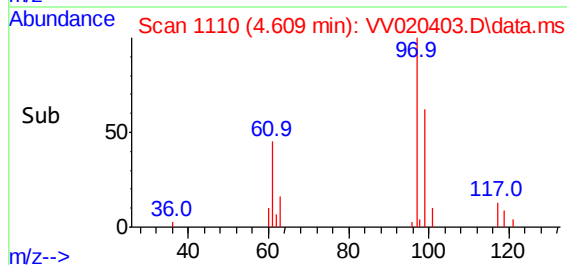
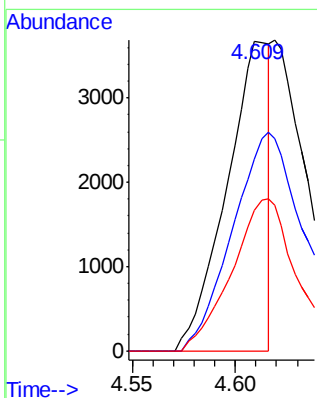
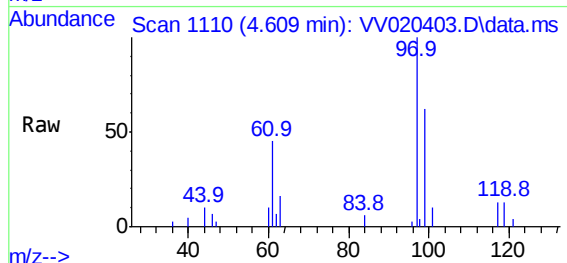




#30
1,1,1-Trichloroethane
Concen: 0.90 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

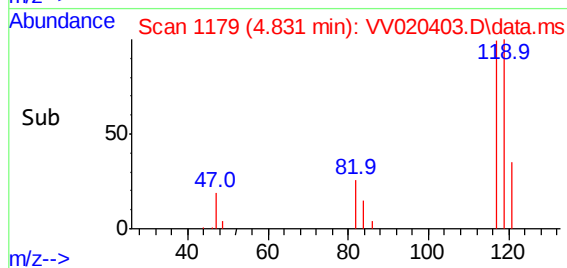
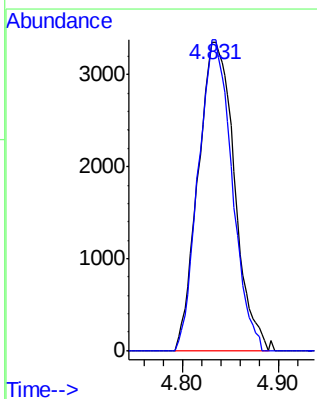
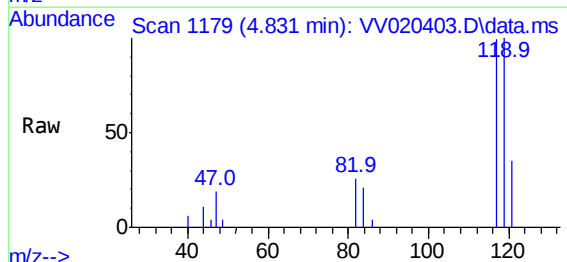
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

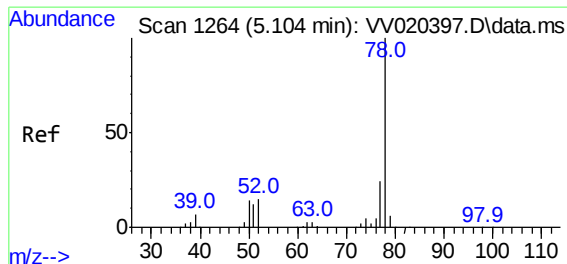
Tgt Ion: 97 Resp: 5245
Ion Ratio Lower Upper
97 100
99 119.1 51.9 77.9#
61 77.0 35.4 53.2#



#31
Carbon tetrachloride
Concen: 1.73 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 117 Resp: 8748
Ion Ratio Lower Upper
117 100
119 93.5 76.9 115.3

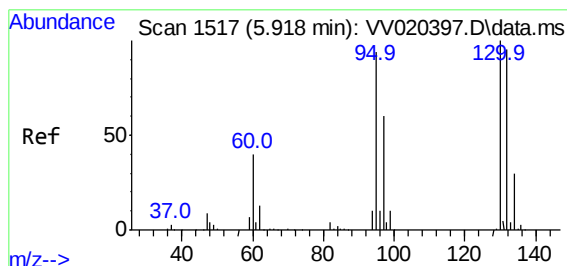
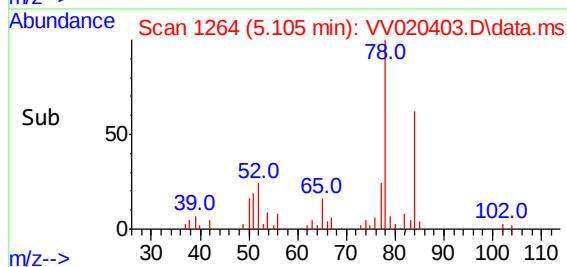
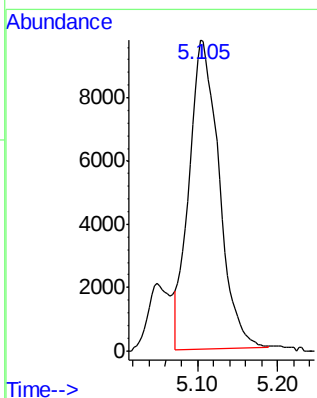
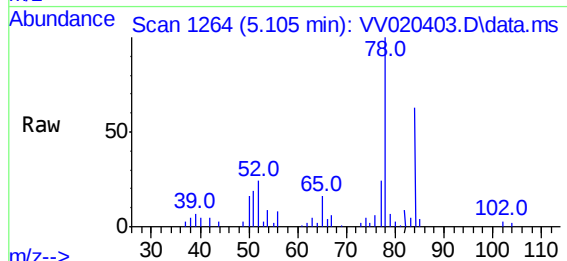




#33
Benzene
Concen: 1.80 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

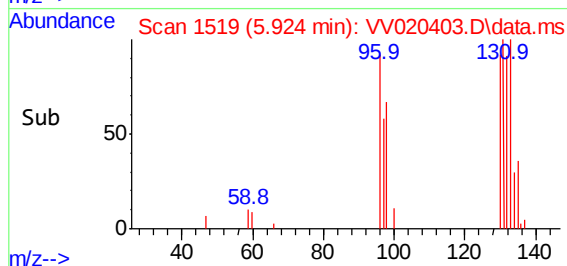
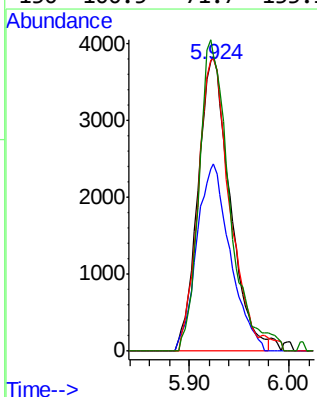
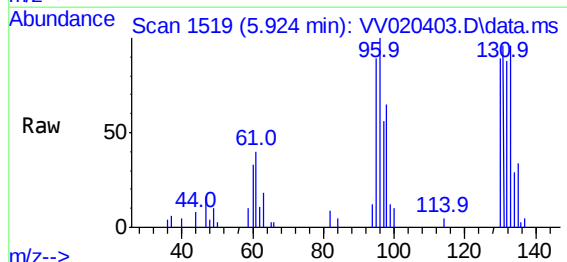
Tgt Ion: 78 Resp: 24952

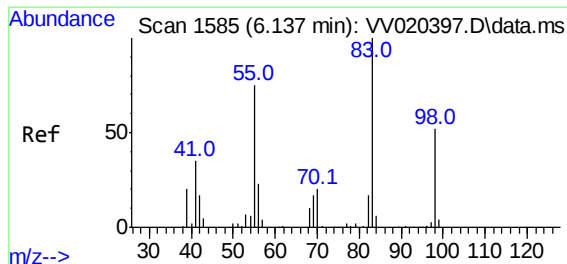


#34
Trichloroethene
Concen: 2.10 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 95 Resp: 8471

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.4	84.4
132	99.5	68.7	127.7
130	100.5	71.7	133.1

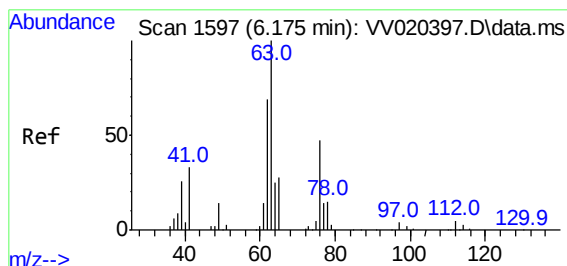
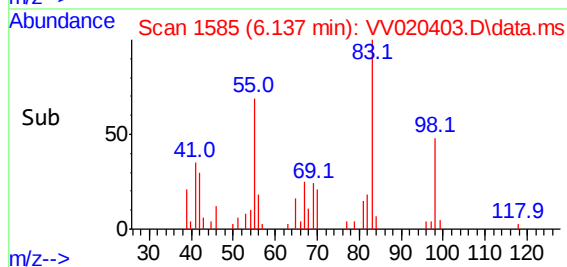
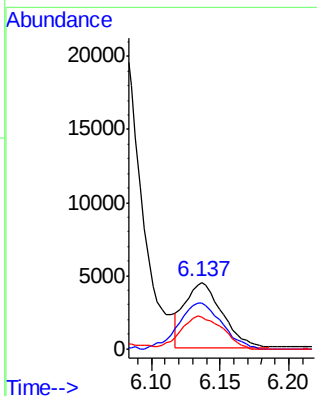
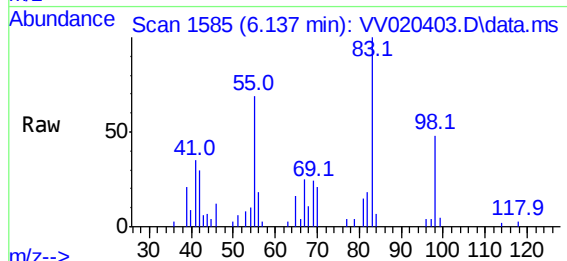




#35
Methylcyclohexane
Concen: 1.56 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

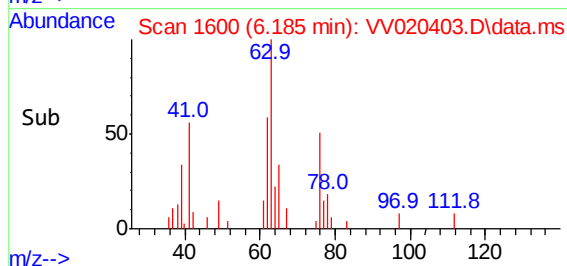
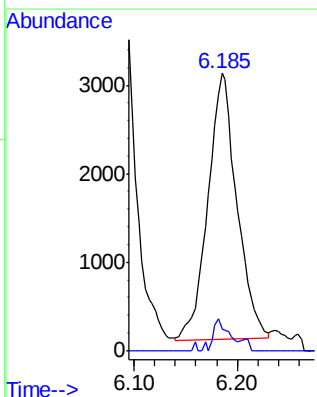
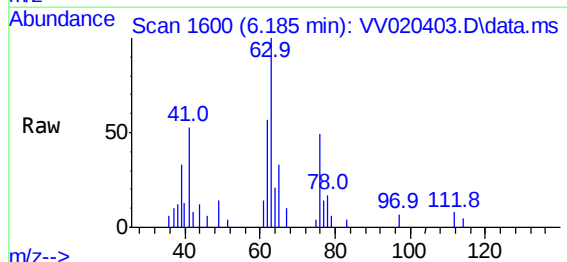
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

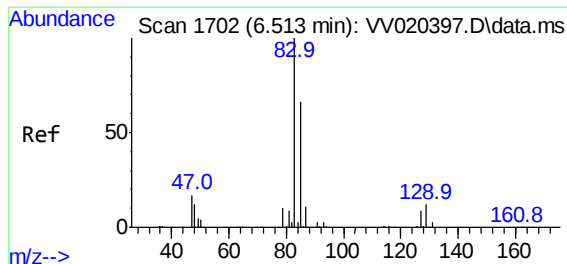
Tgt Ion: 83 Resp: 8459
Ion Ratio Lower Upper
83 100
55 79.8 61.4 92.0
98 55.2 39.9 59.9



#37
1,2-Dichloropropane
Concen: 1.67 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 63 Resp: 5889
Ion Ratio Lower Upper
63 100
112 4.0 3.9 5.9

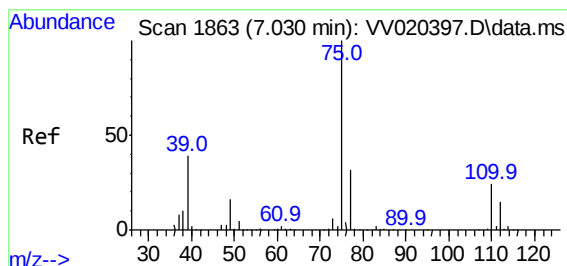
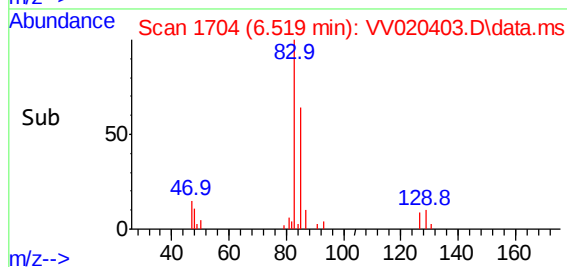
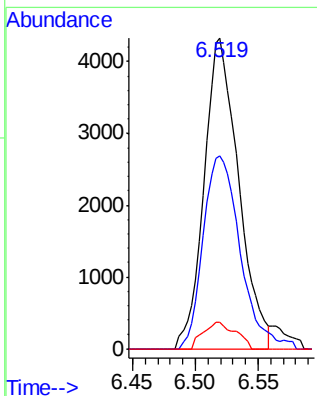
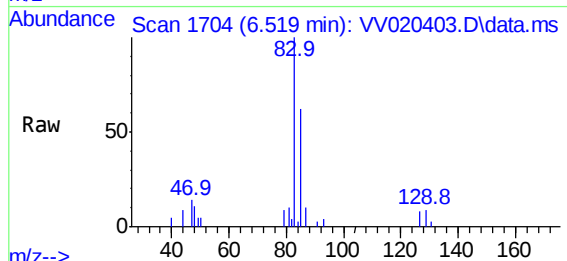




#38
Bromodichloromethane
Concen: 1.70 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

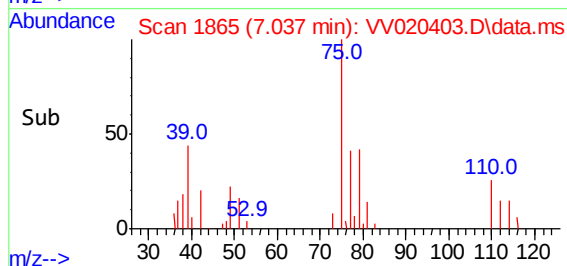
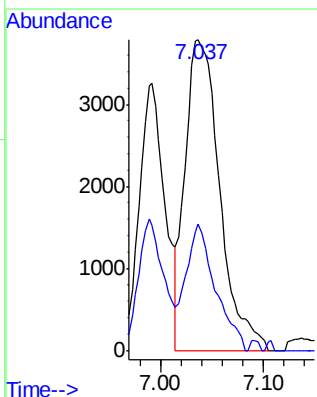
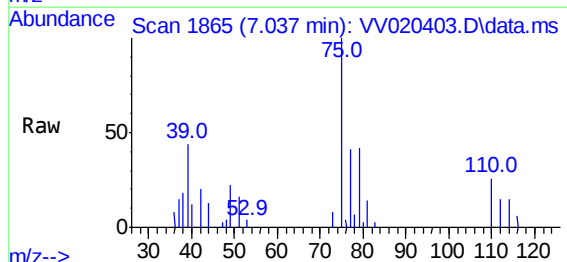
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

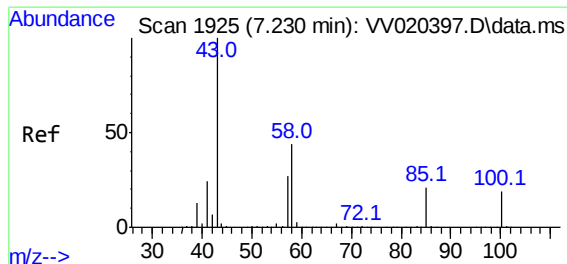
Tgt Ion: 83 Resp: 8216
Ion Ratio Lower Upper
83 100
85 62.0 44.2 82.2
127 8.5 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 1.64 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 75 Resp: 8795
Ion Ratio Lower Upper
75 100
77 40.7 21.8 40.6#

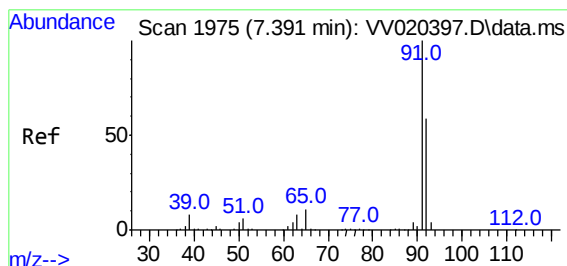
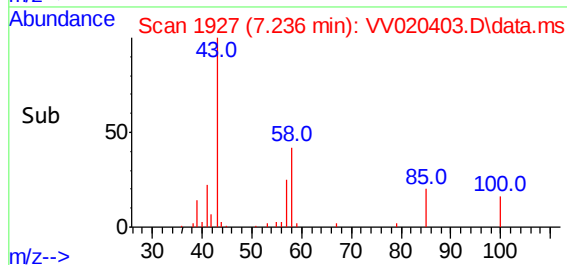
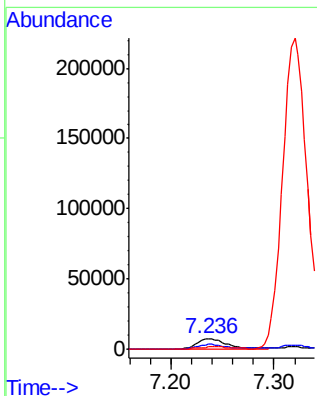
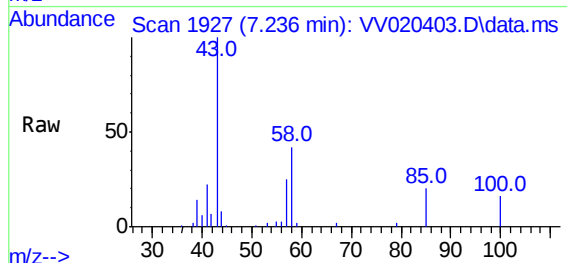




#40
4-Methyl-2-pentanone
Concen: 3.27 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

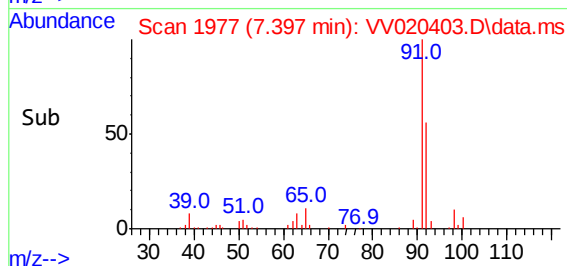
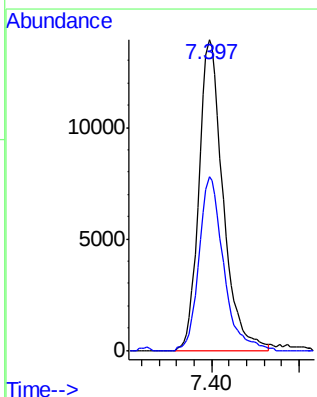
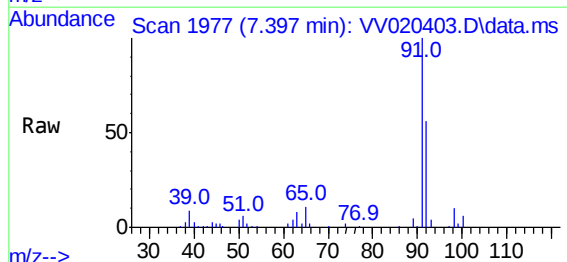
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

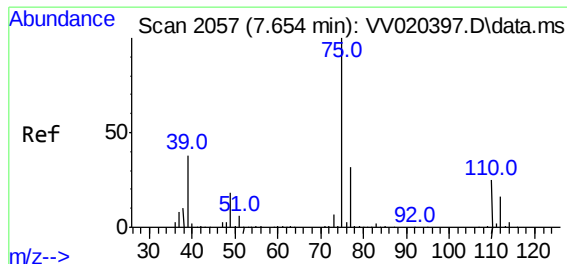
Tgt Ion: 43 Resp: 14269
Ion Ratio Lower Upper
43 100
58 42.6 32.1 48.1
100 18.4 13.4 20.0



#42
Toluene
Concen: 1.75 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 91 Resp: 26581
Ion Ratio Lower Upper
91 100
92 55.8 40.9 75.9



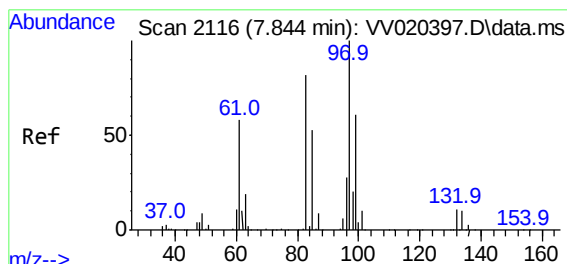
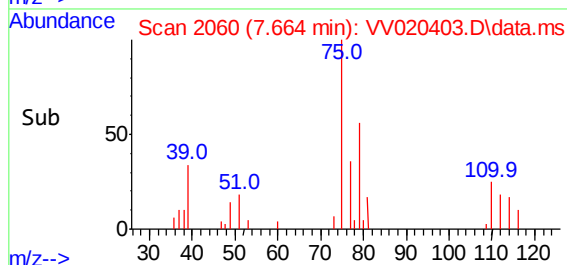
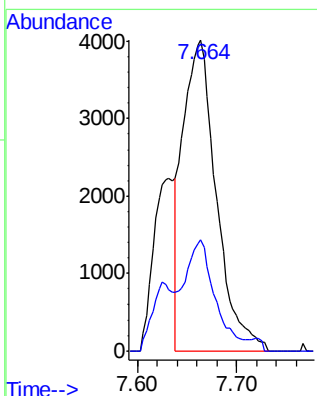
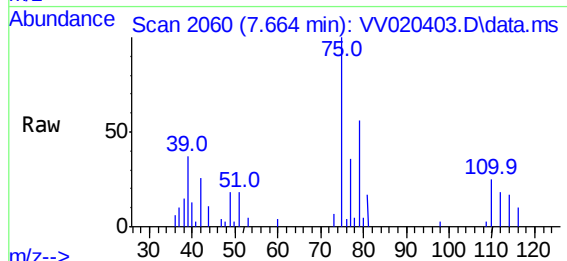


#44

trans-1,3-Dichloropropene
 Concen: 1.78 ug/L
 RT: 7.664 min Scan# 2060
 Delta R.T. 0.010 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

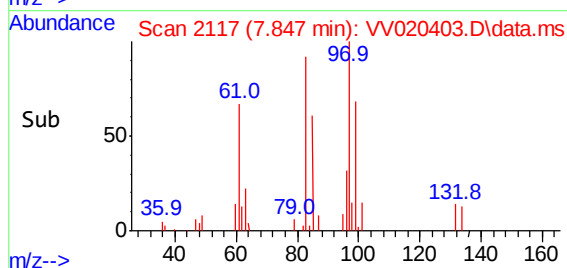
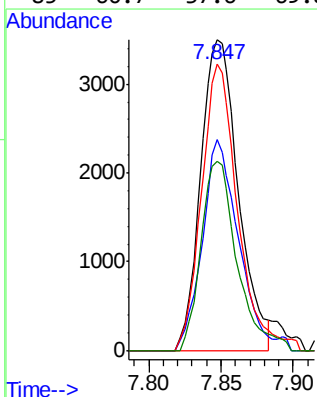
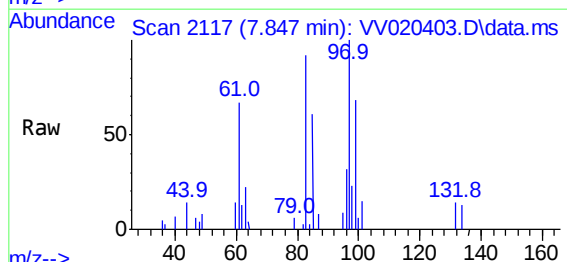
Tgt Ion: 75 Resp: 9325
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.5 41.7

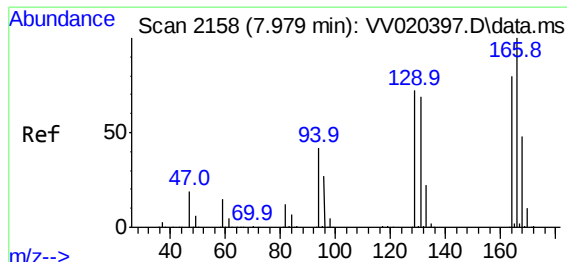


#45

1,1,2-Trichloroethane
 Concen: 1.71 ug/L
 RT: 7.847 min Scan# 2117
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 97 Resp: 6319
 Ion Ratio Lower Upper
 97 100
 99 67.7 43.0 79.8
 83 92.3 57.8 107.4
 85 60.7 37.6 69.8



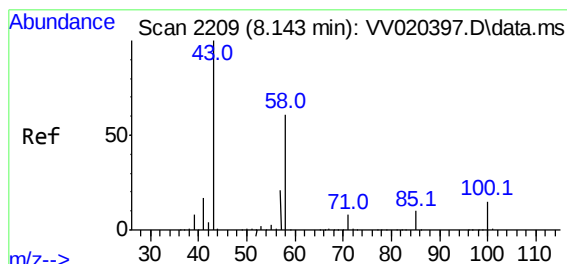
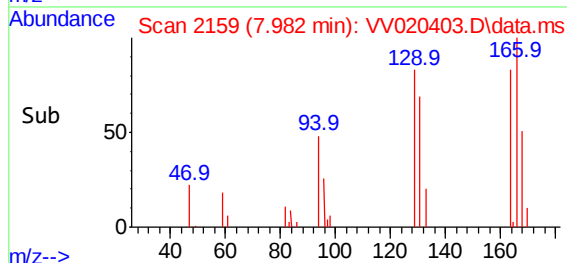
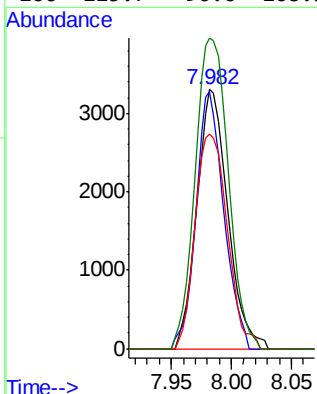
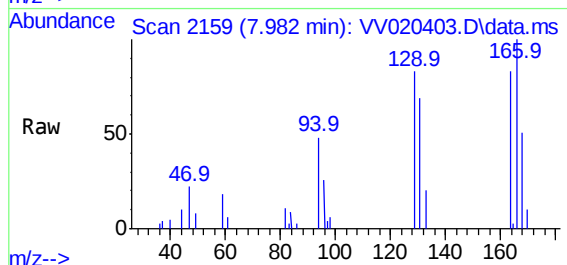


#46
Tetrachloroethene
Concen: 1.77 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion:164 Resp: 5734

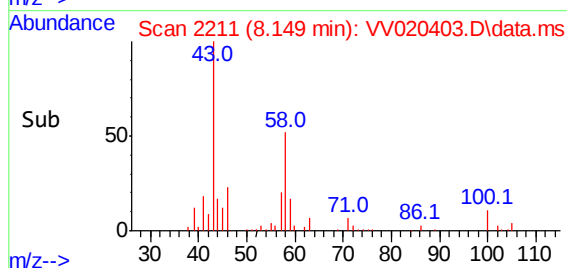
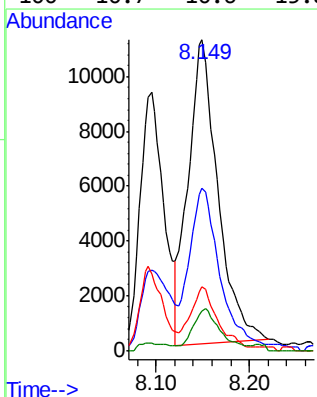
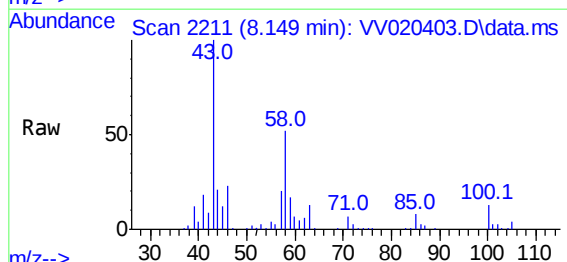
Ion	Ratio	Lower	Upper
164	100		
129	95.4	64.0	118.8
131	80.0	61.2	113.8
166	115.7	90.6	168.3

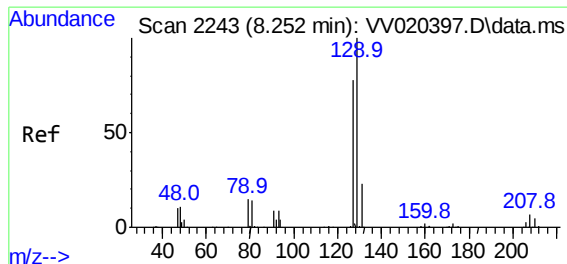


#48
2-Hexanone
Concen: 7.30 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 43 Resp: 24656

Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.3	67.9
57	12.1	15.8	23.6#
100	10.7	10.6	15.8

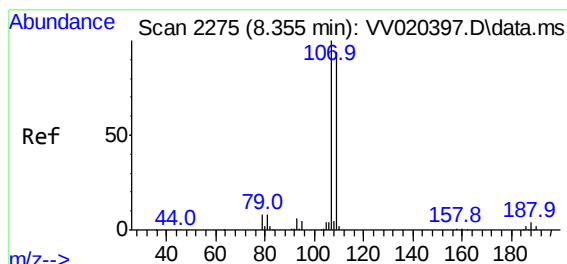
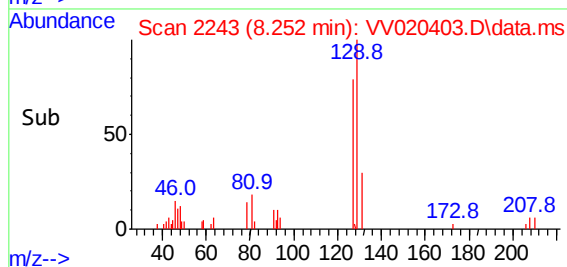
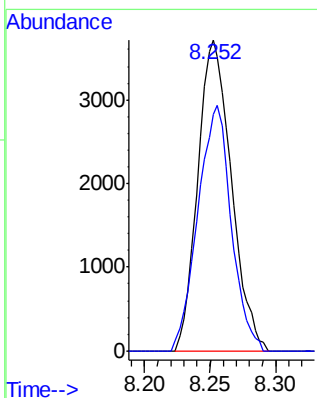
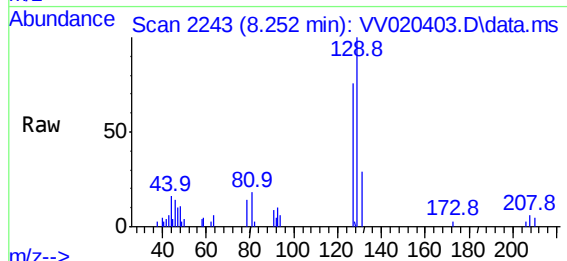




#49
Dibromochloromethane
Concen: 1.64 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

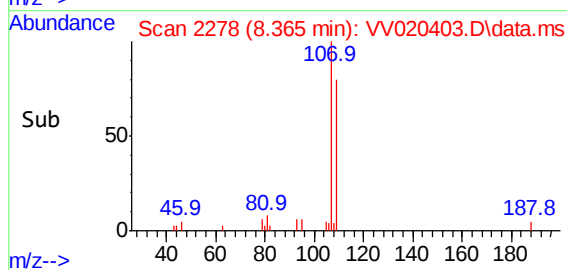
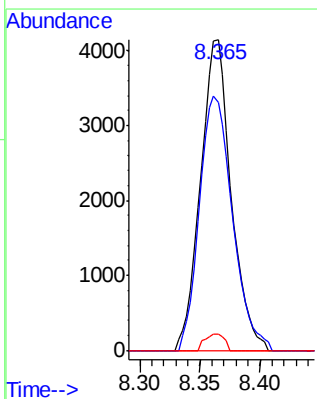
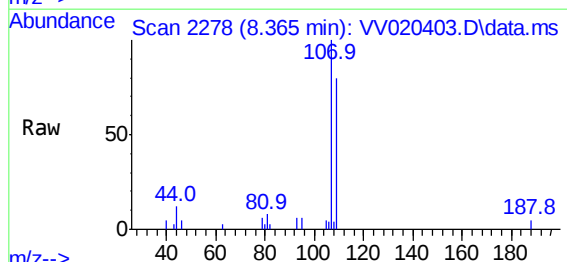
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

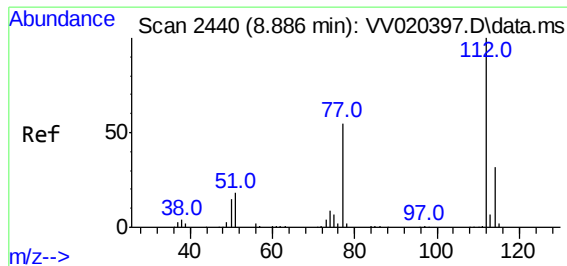
Tgt Ion:129 Resp: 6579
Ion Ratio Lower Upper
129 100
127 76.2 54.7 101.7



#50
1,2-Dibromoethane
Concen: 1.81 ug/L
RT: 8.365 min Scan# 2278
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:107 Resp: 7129
Ion Ratio Lower Upper
107 100
109 79.8 66.2 123.0
188 5.2 3.6 5.4

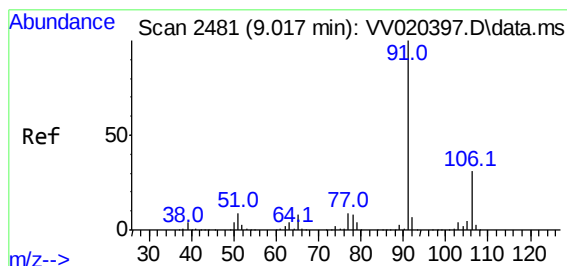
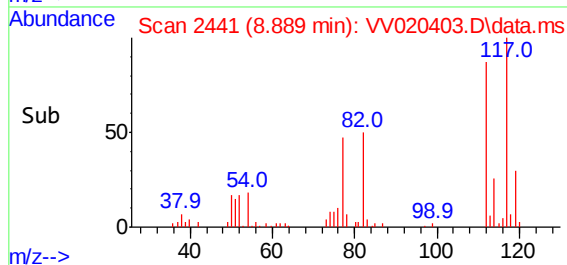
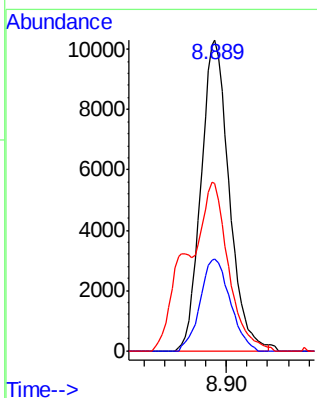
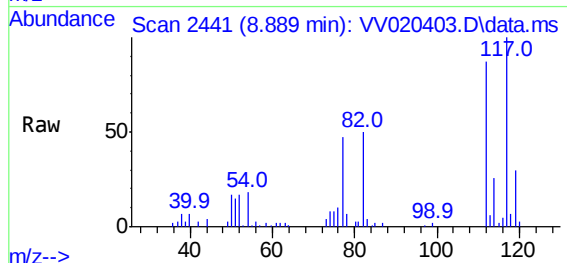




#51
Chlorobenzene
Concen: 1.84 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

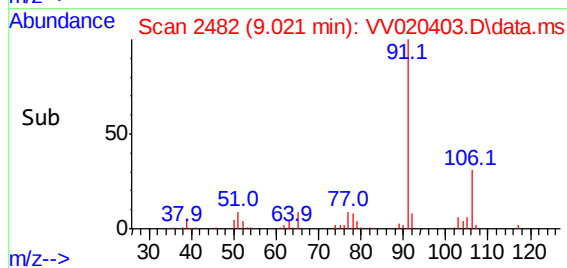
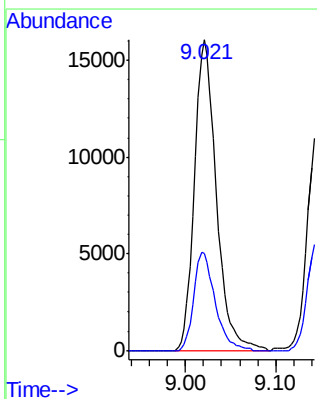
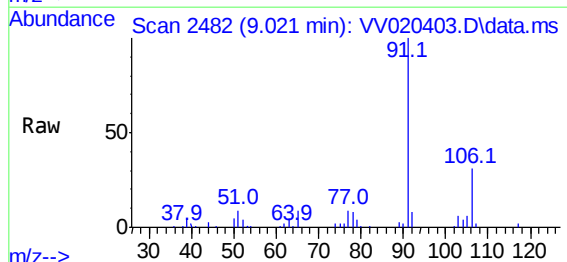
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

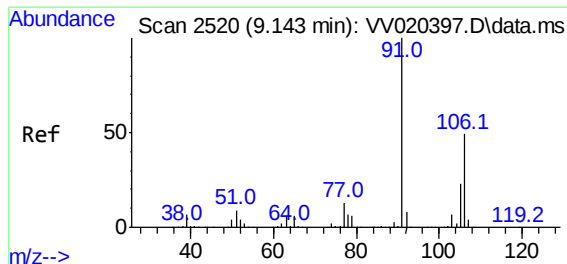
Tgt Ion:112 Resp: 19459
Ion Ratio Lower Upper
112 100
114 29.6 22.5 41.7
77 53.8 47.3 70.9



#52
Ethylbenzene
Concen: 1.61 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 91 Resp: 27074
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.6

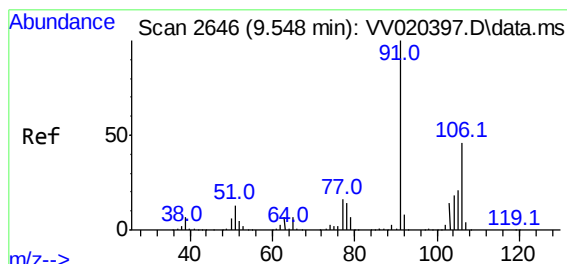
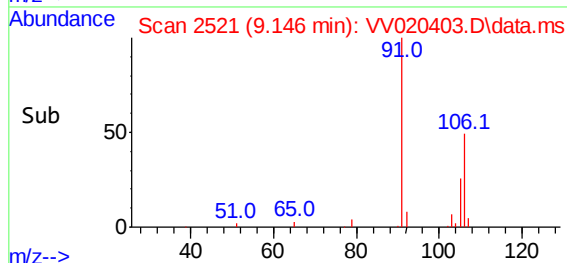
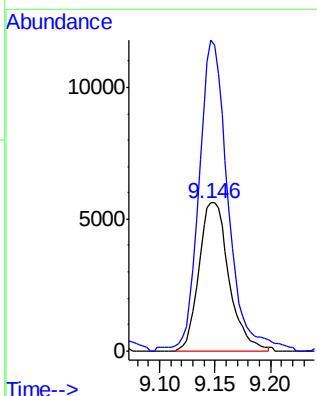
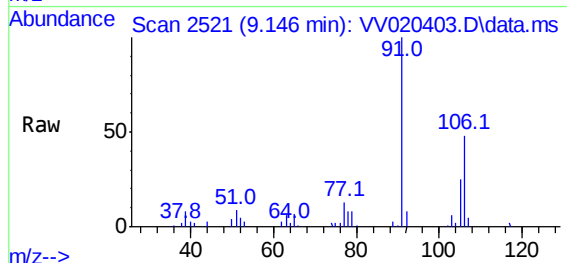




#53
m,p-Xylene
Concen: 1.64 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

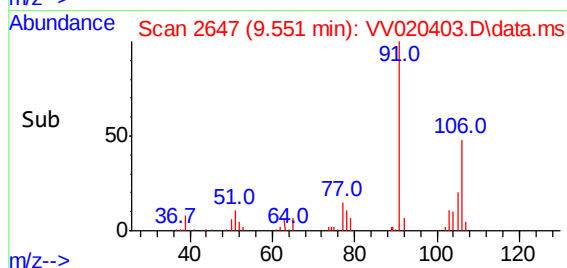
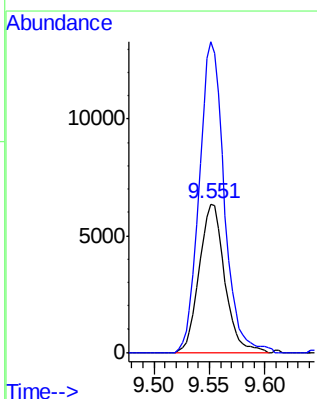
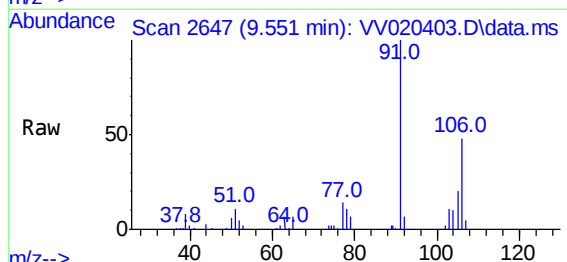
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

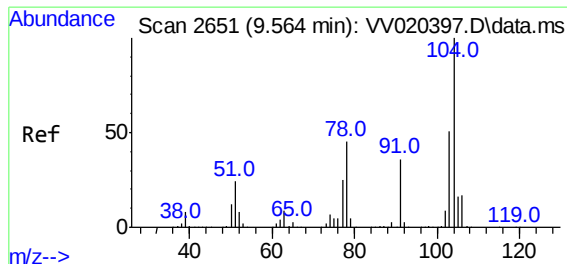
Tgt Ion:106 Resp: 10531
Ion Ratio Lower Upper
106 100
91 210.2 143.1 265.7



#54
o-Xylene
Concen: 1.60 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:106 Resp: 10101
Ion Ratio Lower Upper
106 100
91 209.7 153.6 285.3

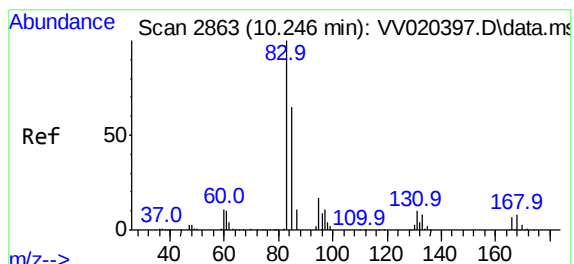
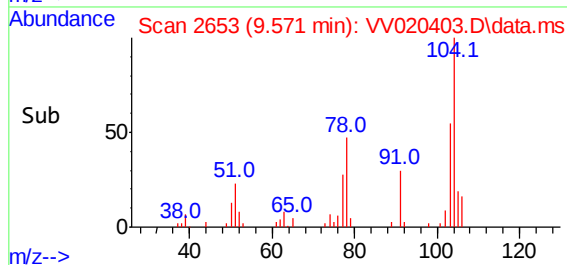
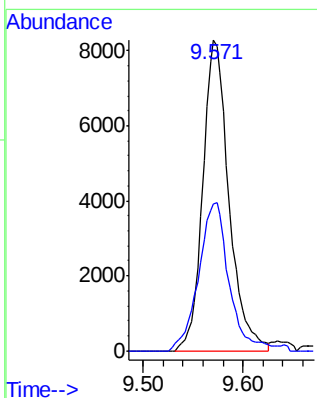
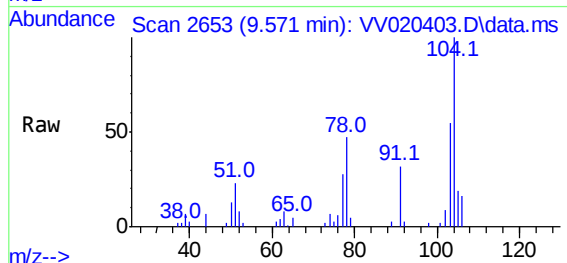




#55
Styrene
Concen: 1.39 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

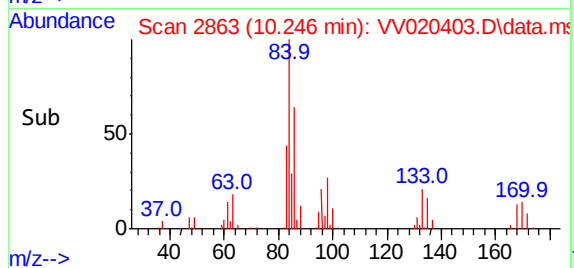
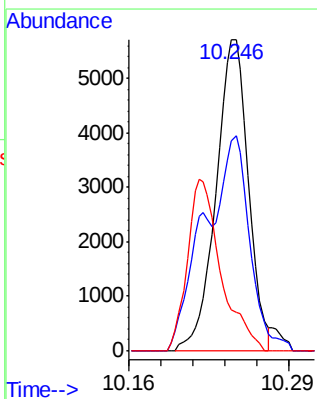
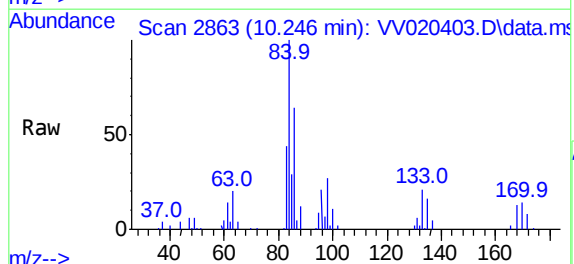
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

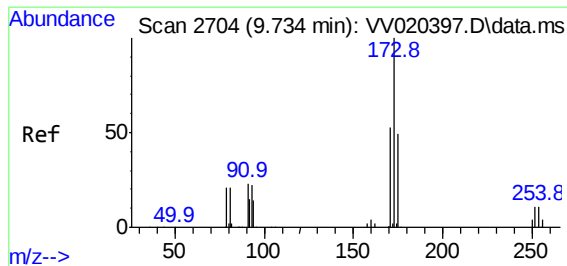
Tgt Ion:104 Resp: 15064
Ion Ratio Lower Upper
104 100
78 47.3 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 1.86 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 83 Resp: 10165
Ion Ratio Lower Upper
83 100
85 67.6 45.4 84.4
131 13.1 8.6 12.8#

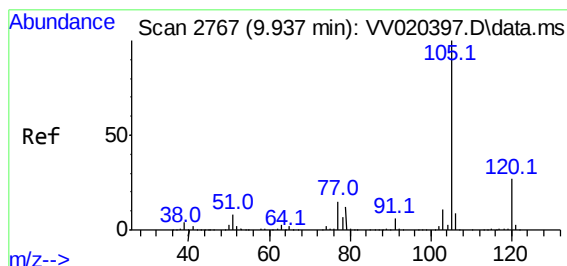
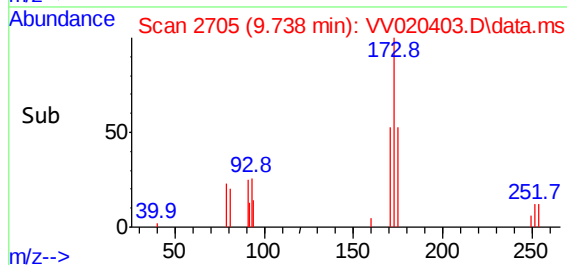
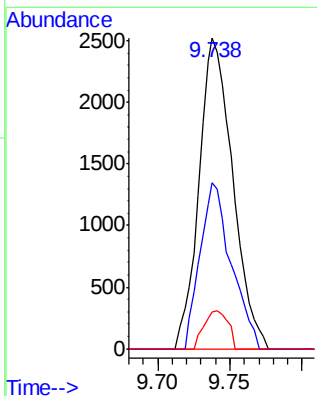
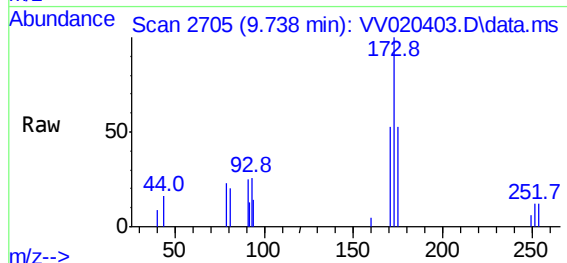




#59
Bromoform
Concen: 1.54 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

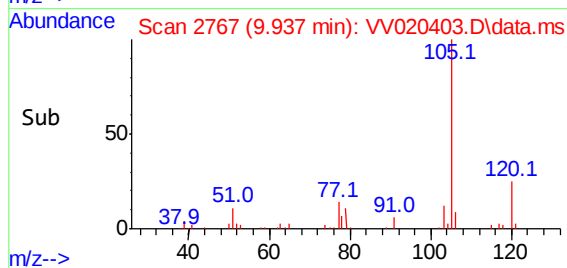
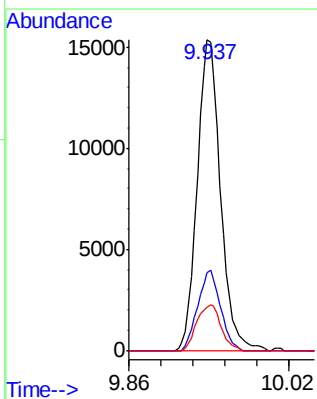
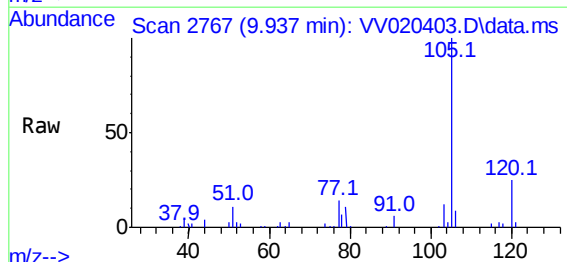
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

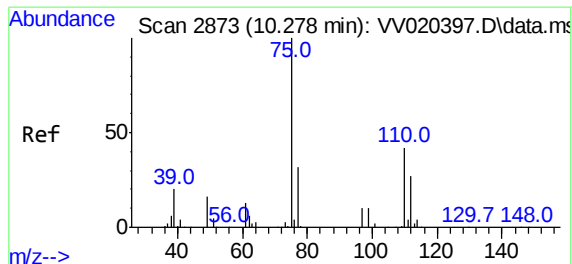
Tgt Ion:173 Resp: 4082
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 8.7 9.5 14.3#



#60
Isopropylbenzene
Concen: 1.60 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:105 Resp: 24842
Ion Ratio Lower Upper
105 100
120 25.0 21.2 31.8
77 15.1 11.8 17.6

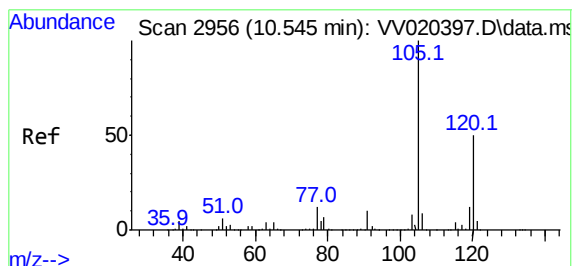
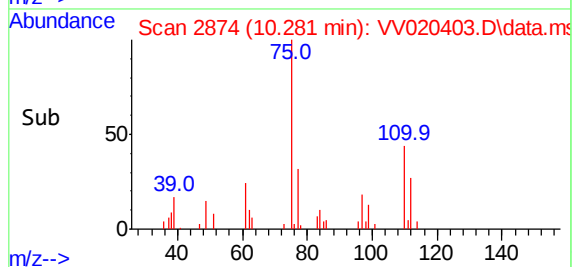
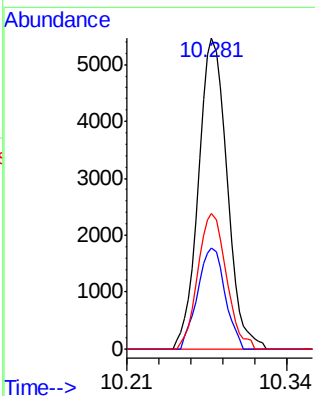
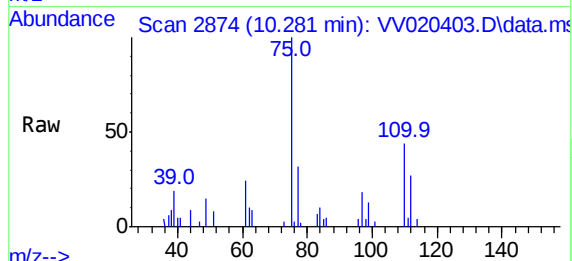




#61
1,2,3-Trichloropropane
Concen: 1.97 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

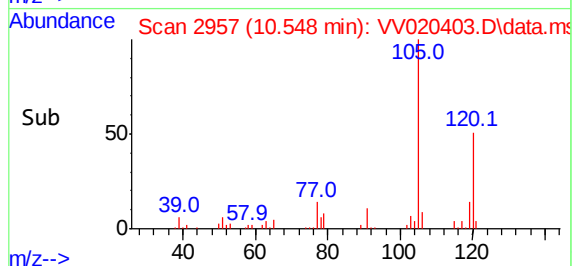
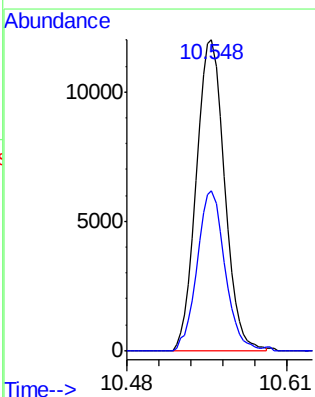
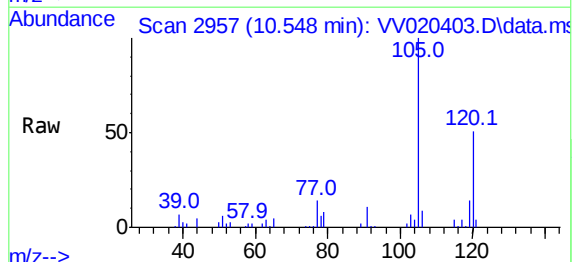
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

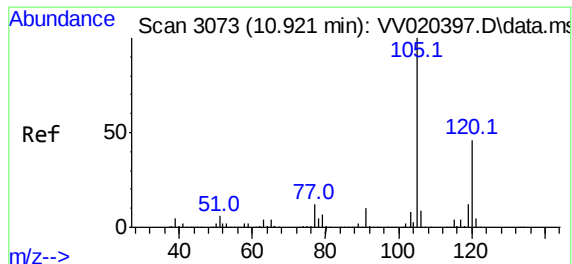
Tgt Ion: 75 Resp: 8751
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
110 43.3 33.3 49.9



#62
1,3,5-Trimethylbenzene
Concen: 1.50 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 105 Resp: 18987
Ion Ratio Lower Upper
105 100
120 50.4 39.9 59.9

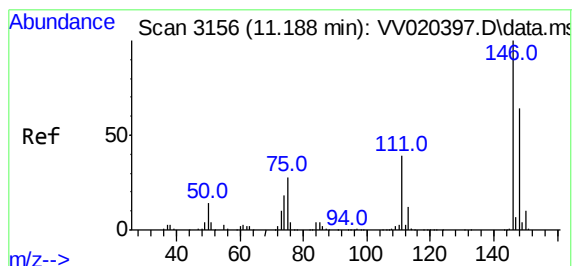
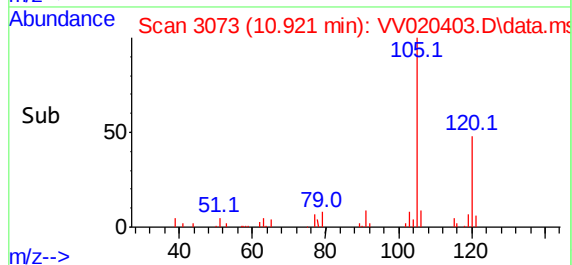
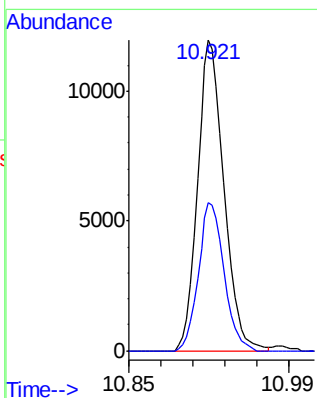
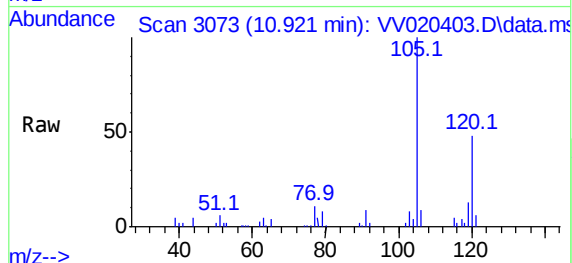




#63
1,2,4-Trimethylbenzene
Concen: 1.45 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

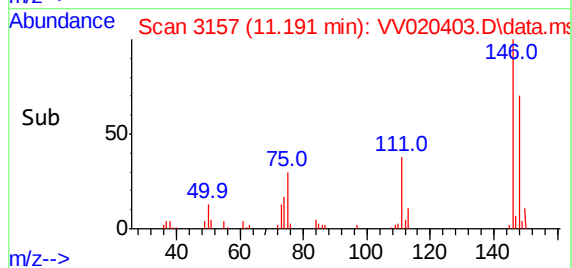
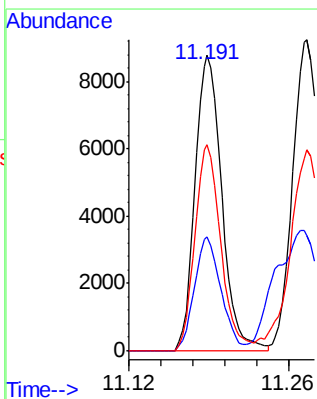
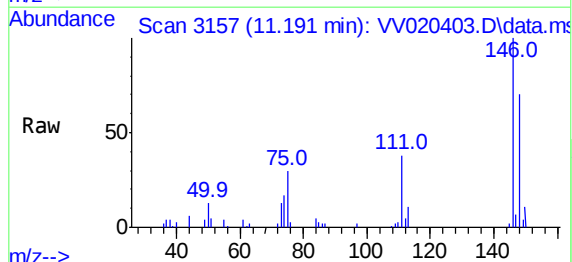
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

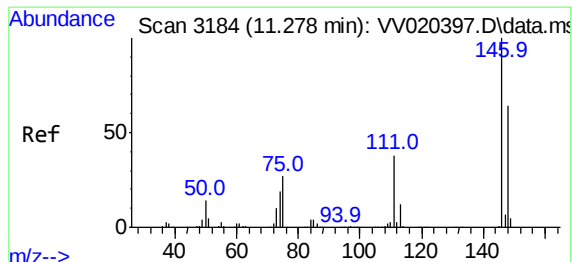
Tgt Ion:105 Resp: 18919
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 1.79 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:146 Resp: 14588
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 69.7 44.1 81.9

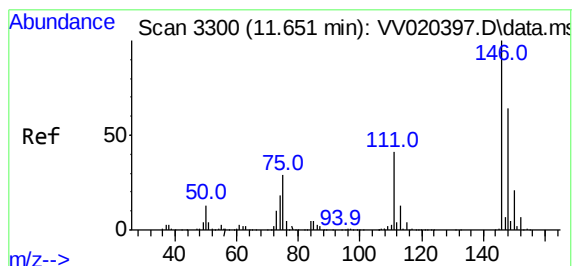
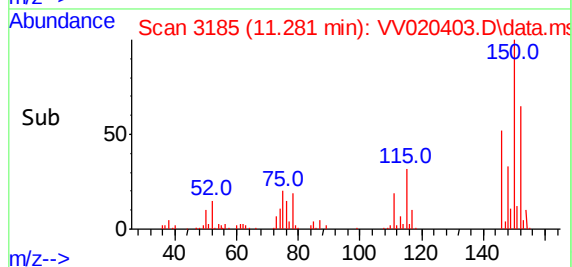
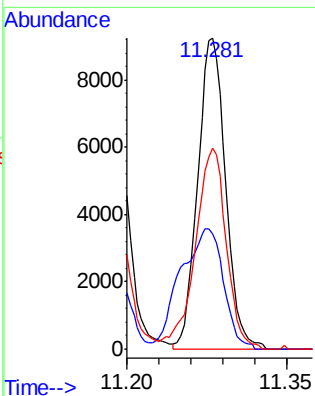
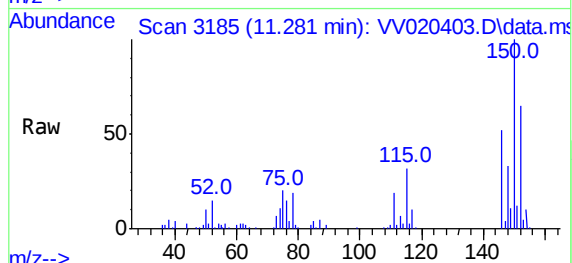




#65
1,4-Dichlorobenzene
Concen: 1.89 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

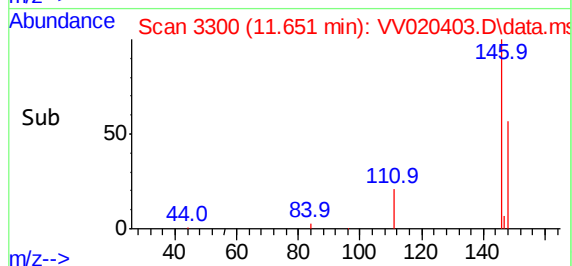
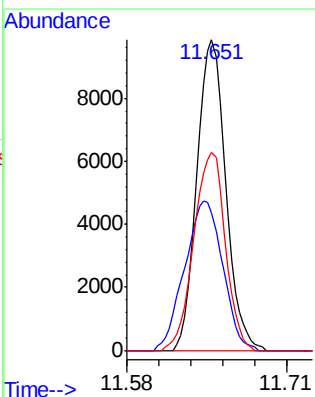
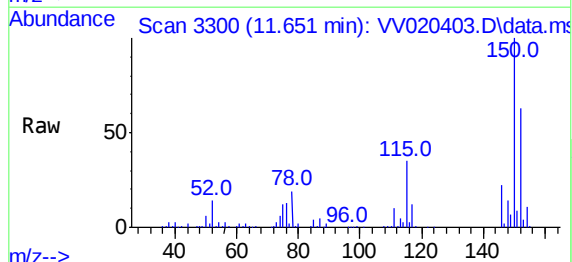
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

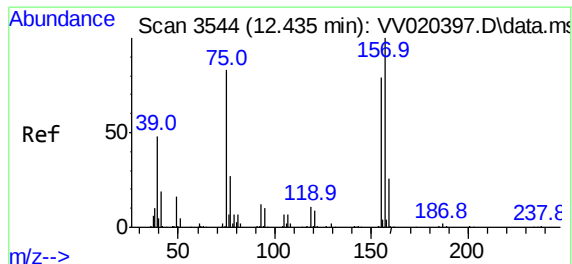
Tgt Ion:146 Resp: 16026
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 64.4 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 1.96 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:146 Resp: 15959
Ion Ratio Lower Upper
146 100
111 44.3 32.4 48.6
148 63.9 51.0 76.4

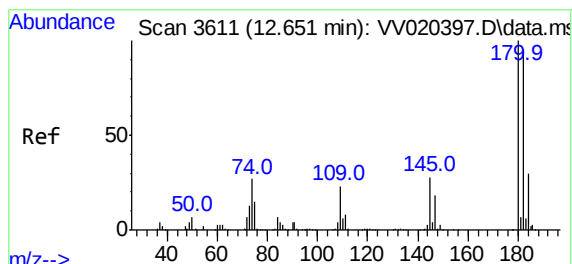
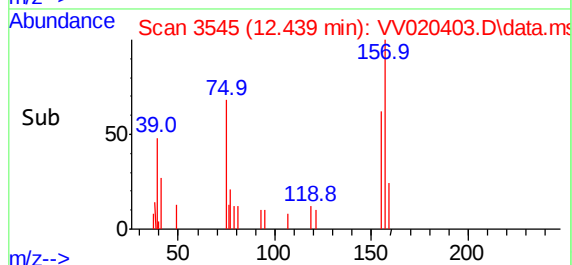
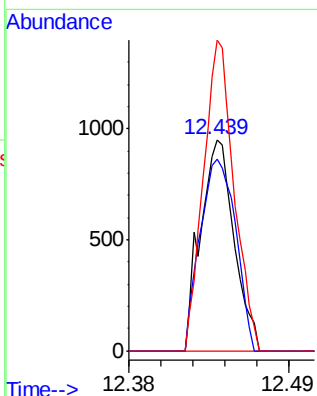
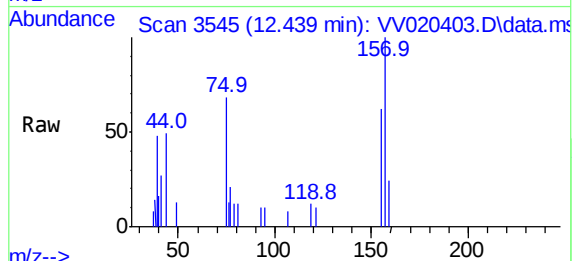




#68
1,2-Dibromo-3-chloropropane
Concen: 1.48 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

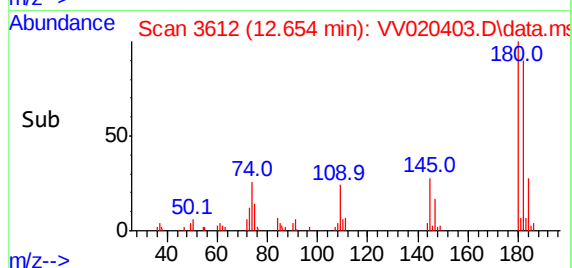
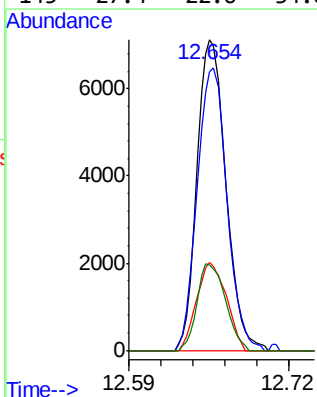
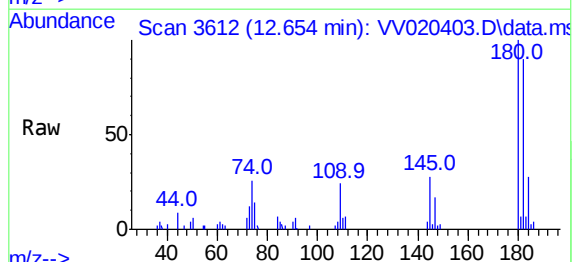
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

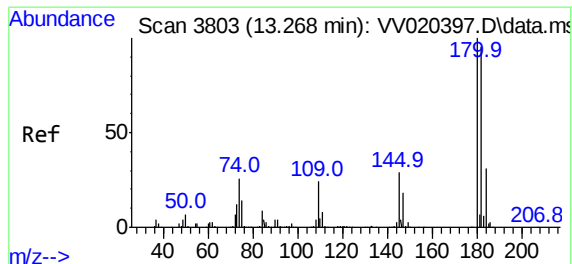
Tgt Ion: 75 Resp: 1527
Ion Ratio Lower Upper
75 100
155 90.7 74.1 111.1
157 146.9 95.8 143.8#



#69
1,3,5-Trichlorobenzene
Concen: 1.82 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 180 Resp: 11558
Ion Ratio Lower Upper
180 100
182 93.3 76.1 114.1
184 29.0 24.1 36.1
145 27.4 22.6 34.0

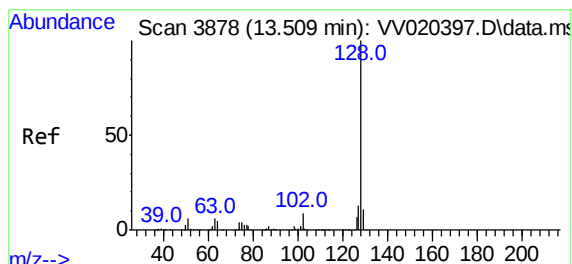
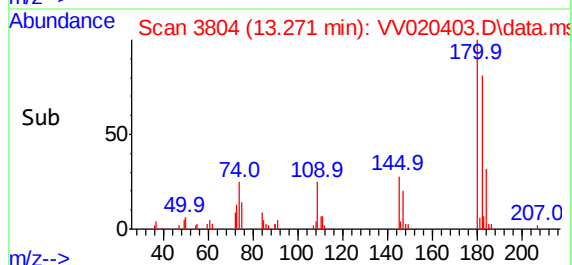
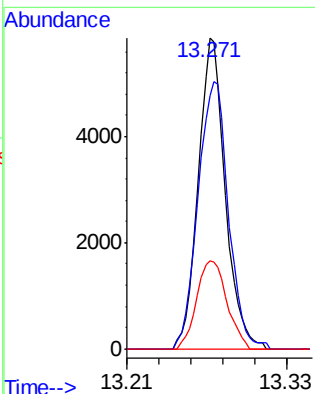
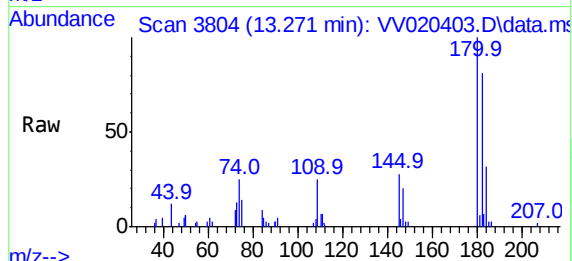




#70
1,2,4-trichlorobenzene
Concen: 1.58 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

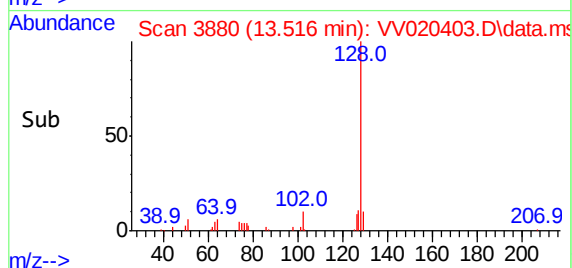
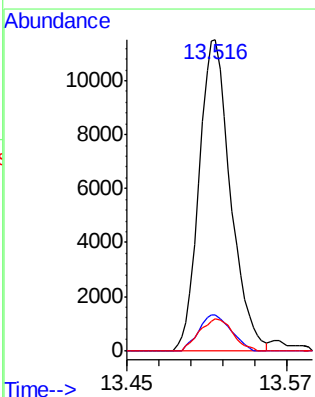
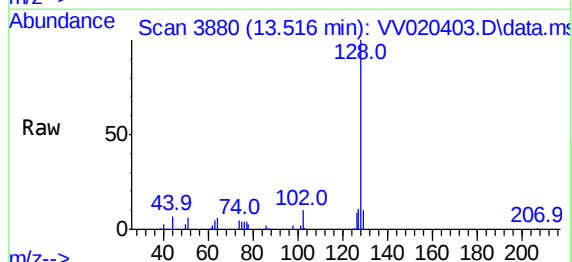
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

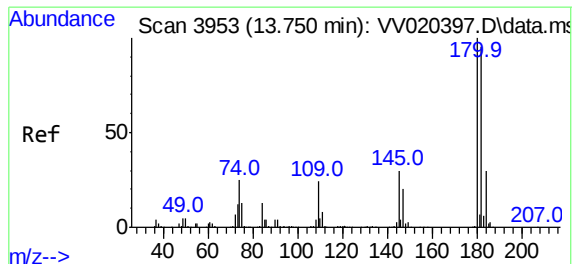
Tgt Ion:180 Resp: 8738
Ion Ratio Lower Upper
180 100
182 96.3 77.1 115.7
145 31.7 23.4 35.2



#71
Naphthalene
Concen: 1.25 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

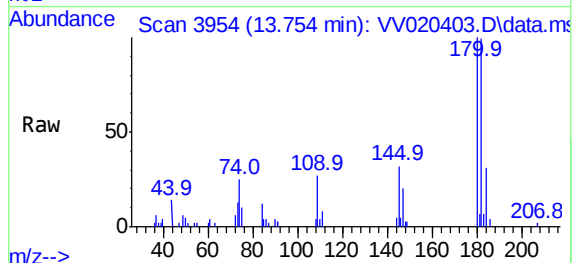
Tgt Ion:128 Resp: 19054
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 10.7 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.60 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03



Tgt Ion:180 Resp: 8859

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	32.1	24.5	36.7

