

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042414.D
 Acq On : 23 Feb 2021 12:23
 Operator : SY/MD
 Sample : M1344-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 24 03:52:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	208406	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	193596	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	97819	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71829	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.60%			
7) Chloroethane-d5	1.916	69	59343	55.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.34%			
11) 1,1-Dichloroethene-d2	2.572	63	124908	37.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.64%			
21) 2-Butanone-d5	4.636	46	160884	99.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.14%			
24) Chloroform-d	5.073	84	154801	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
26) 1,2-Dichloroethane-d4	5.713	65	114232	51.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.52%			
32) Benzene-d6	5.735	84	282734	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.54%			
36) 1,2-Dichloropropane-d6	6.700	67	95312	50.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.46%			
41) Toluene-d8	7.906	98	263668	49.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.96%			
43) trans-1,3-Dichloroprop...	8.185	79	48789	49.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.90%			
47) 2-Hexanone-d5	8.642	63	104717	98.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.57%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	133800	47.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.68%			
66) 1,2-Dichlorobenzene-d4	12.201	152	104232	50.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.64%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3806	2.18	ug/L	97
3) Chloromethane	1.523	50	3982	2.50	ug/L	97
5) Vinyl chloride	1.607	62	4016	2.54	ug/L #	63
6) Bromomethane	1.864	94	2484	2.81	ug/L	99
8) Chloroethane	1.935	64	2495	2.87	ug/L	92
9) Trichlorofluoromethane	2.141	101	6099	2.50	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3973	2.72	ug/L #	83
12) 1,1-Dichloroethene	2.584	96	3838	2.87	ug/L #	1
13) Acetone	2.646	43	6165	4.21	ug/L	91
14) Carbon disulfide	2.800	76	9033	2.24	ug/L #	93
15) Methyl Acetate	2.961	43	5472	2.43	ug/L #	90
16) Methylene chloride	3.057	84	4052	2.68	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	3153	2.26	ug/L	91
18) Methyl tert-butyl Ether	3.375	73	11854	2.36	ug/L #	91
19) 1,1-Dichloroethane	3.880	63	6807	2.36	ug/L	97
20) cis-1,2-Dichloroethene	4.678	96	3663	2.34	ug/L	82
22) 2-Butanone	4.719	43	7051	3.71	ug/L	95
23) Bromochloromethane	4.989	128	1917	2.30	ug/L	91
25) Chloroform	5.096	83	7302	2.49	ug/L	93

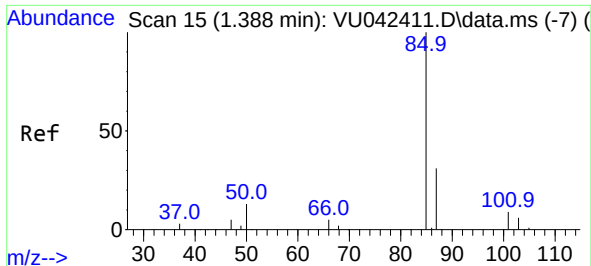
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042414.D
 Acq On : 23 Feb 2021 12:23
 Operator : SY/MD
 Sample : M1344-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 24 03:52:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	5913	2.28	ug/L	97
29) Cyclohexane	5.395	56	5826	2.26	ug/L	97
30) 1,1,1-Trichloroethane	5.327	97	6032	2.28	ug/L	98
31) Carbon tetrachloride	5.533	117	4847	2.13	ug/L	96
33) Benzene	5.780	78	14439	2.44	ug/L	100
34) Trichloroethene	6.549	95	3763	2.43	ug/L	97
35) Methylcyclohexane	6.774	83	5685	2.38	ug/L	94
37) 1,2-Dichloropropane	6.800	63	4214	2.54	ug/L #	89
38) Bromodichloromethane	7.112	83	5162	2.32	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	5566	2.16	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	15192	4.64	ug/L	96
42) Toluene	7.976	91	15037	2.38	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	6552	2.58	ug/L	91
45) 1,1,2-Trichloroethane	8.414	97	3672	2.42	ug/L	96
46) Tetrachloroethene	8.562	164	2606	2.13	ug/L	93
48) 2-Hexanone	8.693	43	13140	4.96	ug/L	97
49) Dibromochloromethane	8.819	129	3811	2.15	ug/L	98
50) 1,2-Dibromoethane	8.931	107	3901	2.29	ug/L #	93
51) Chlorobenzene	9.452	112	9535	2.38	ug/L	97
52) Ethylbenzene	9.578	91	16559	2.35	ug/L	97
53) m,p-Xylene	9.703	106	5796	2.21	ug/L	88
54) o-xylene	10.108	106	6058	2.32	ug/L	88
55) Styrene	10.121	104	8756	1.96	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	6530	2.36	ug/L	96
59) Bromoform	10.301	173	3133	2.28	ug/L #	87
60) 1,2,3-Trichloropropane	10.832	75	5578	2.59	ug/L	97
61) Isopropylbenzene	10.491	105	15673	2.41	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	12340	2.19	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	12570	2.21	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	7092	2.31	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	7129	2.28	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	8056	2.55	ug/L	89
68) 1,2-Dibromo-3-chloropr...	13.008	75	1566	2.18	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.227	180	4828	2.04	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	4030	2.03	ug/L	99
71) Naphthalene	14.098	128	11091	1.77	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	4053	2.01	ug/L	95

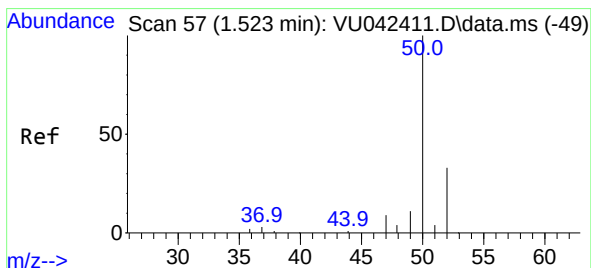
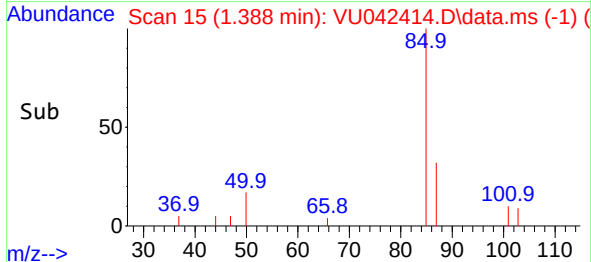
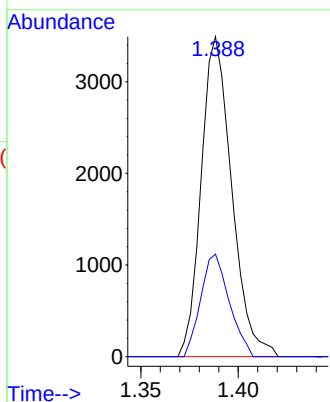
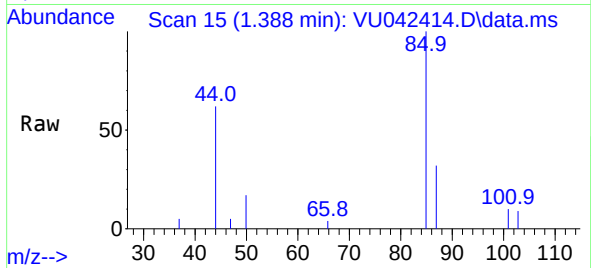
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.18 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

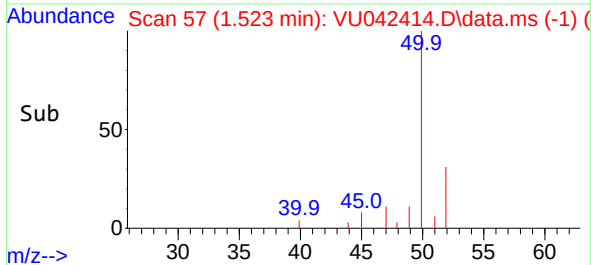
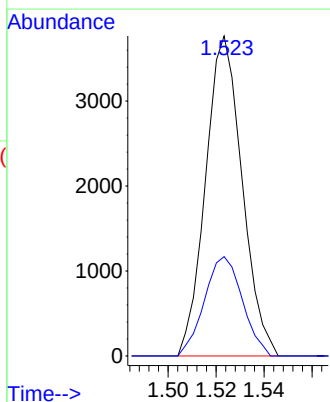
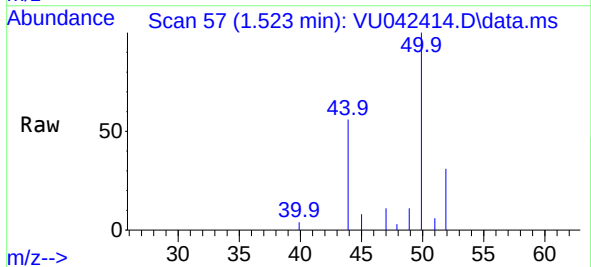
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

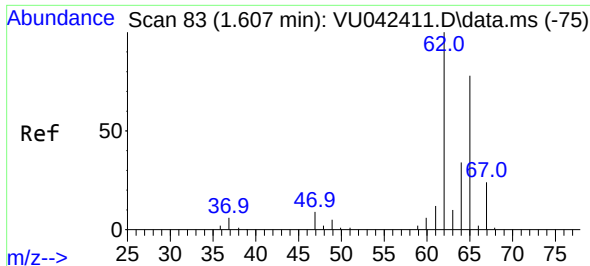
Tgt Ion: 85 Resp: 3806
Ion Ratio Lower Upper
85 100
87 29.9 25.4 38.2



#3
Chloromethane
Concen: 2.50 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 50 Resp: 3982
Ion Ratio Lower Upper
50 100
52 31.0 22.8 42.4

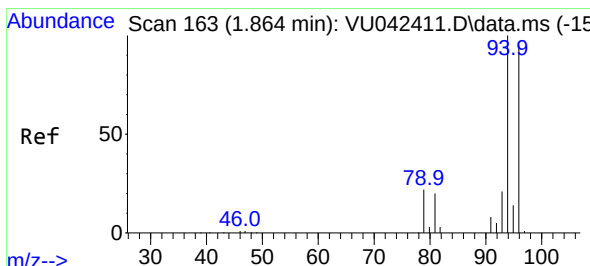
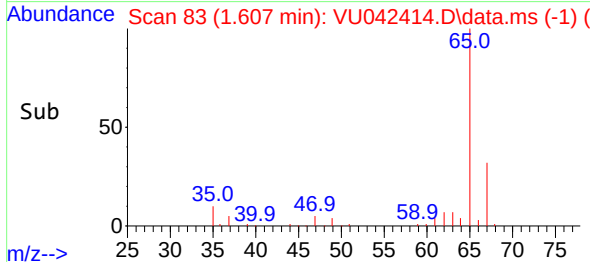
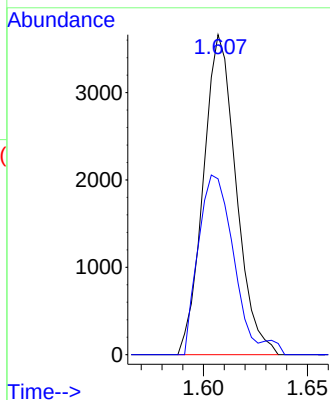
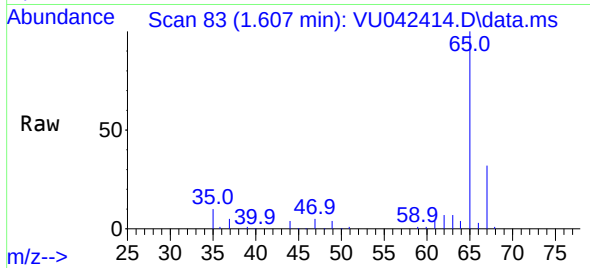




#5
 Vinyl chloride
 Concen: 2.54 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042414.D
 Acq: 23 Feb 2021 12:23

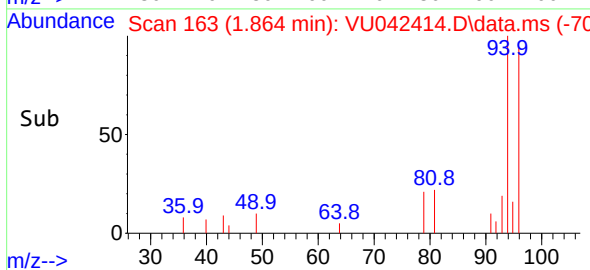
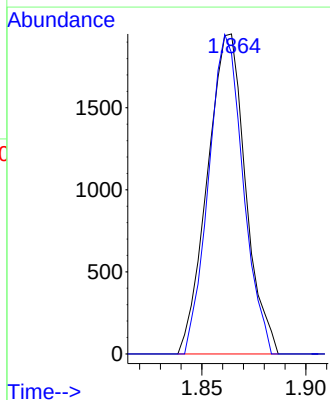
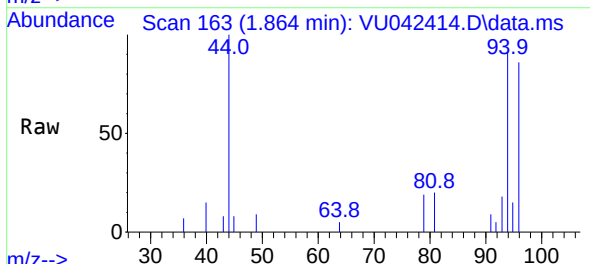
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-03

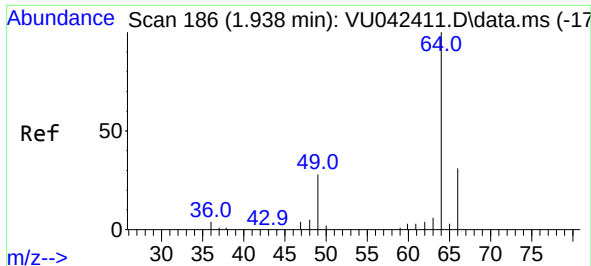
Tgt Ion: 62 Resp: 4016
 Ion Ratio Lower Upper
 62 100
 64 54.9 23.6 43.8#



#6
 Bromomethane
 Concen: 2.81 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042414.D
 Acq: 23 Feb 2021 12:23

Tgt Ion: 94 Resp: 2484
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.3 123.1

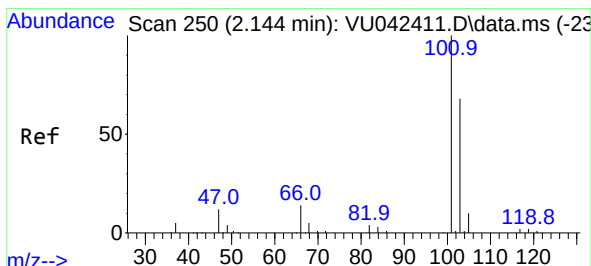
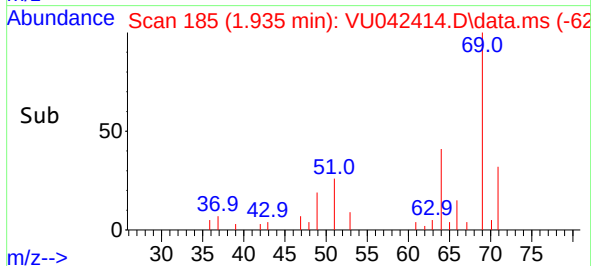
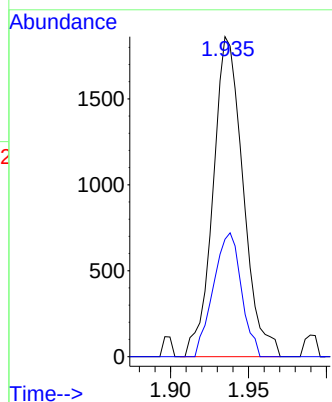
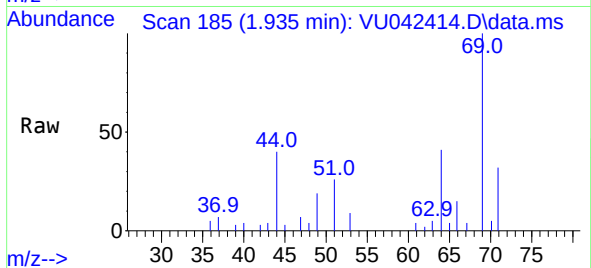




#8
Chloroethane
Concen: 2.87 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

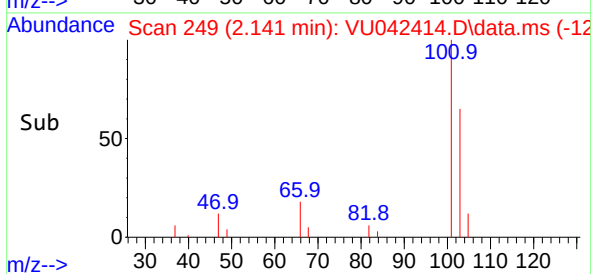
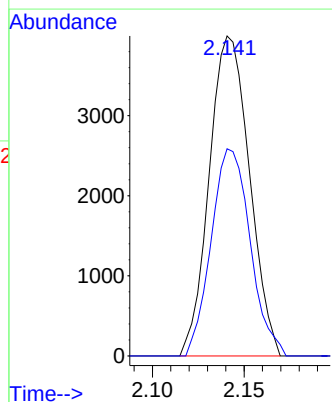
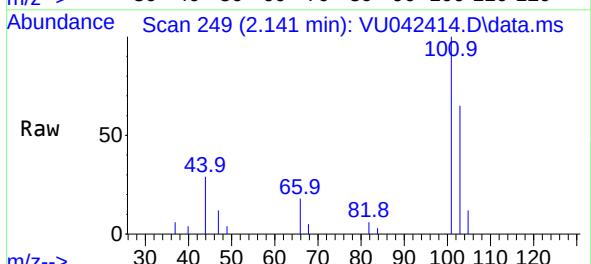
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

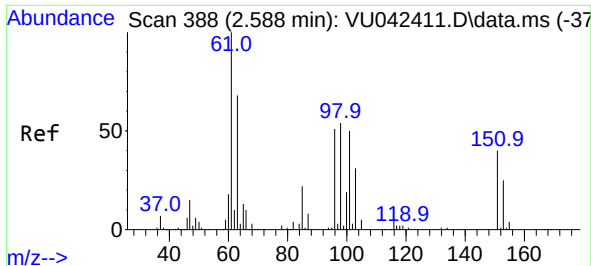
Tgt Ion: 64 Resp: 2495
Ion Ratio Lower Upper
64 100
66 36.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 2.50 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:101 Resp: 6099
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0

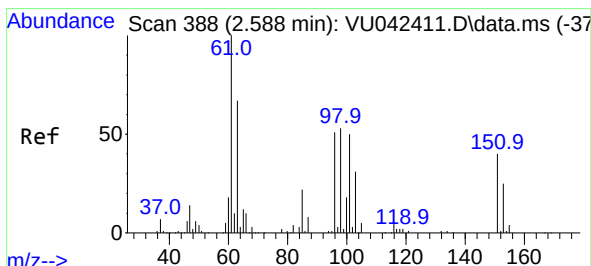
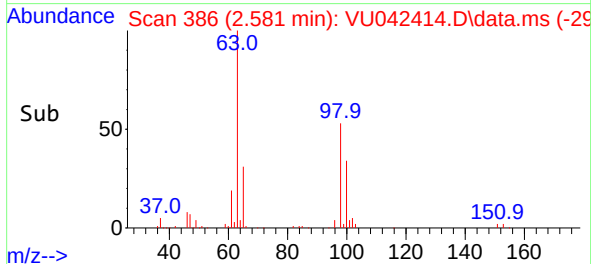
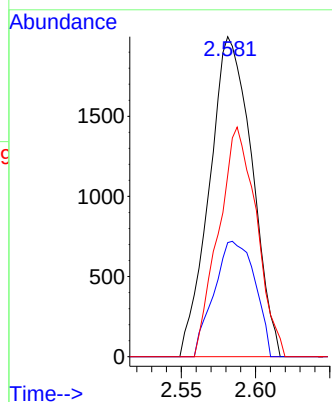
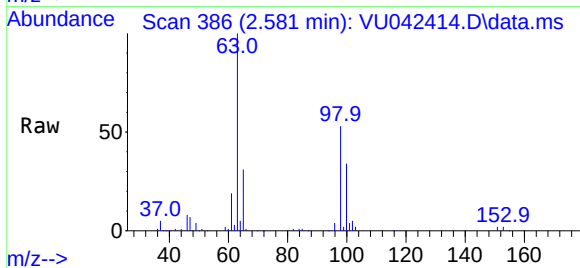




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.72 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

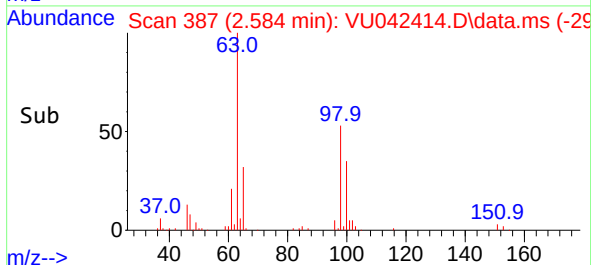
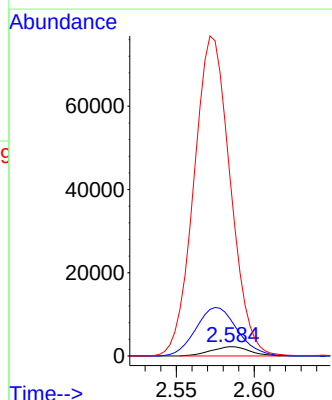
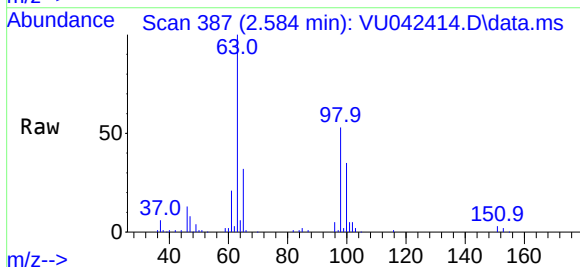
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

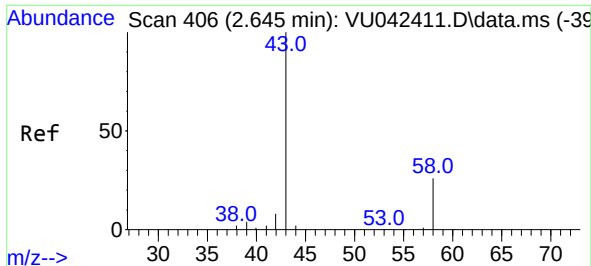
Tgt Ion:101 Resp: 3973
Ion Ratio Lower Upper
101 100
85 34.6 36.7 55.1#
151 64.3 62.9 94.3



#12
1,1-Dichloroethene
Concen: 2.87 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 96 Resp: 3838
Ion Ratio Lower Upper
96 100
61 399.6 131.6 244.4#
63 1913.4 92.6 172.0#

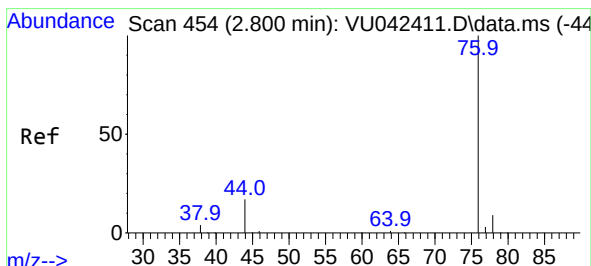
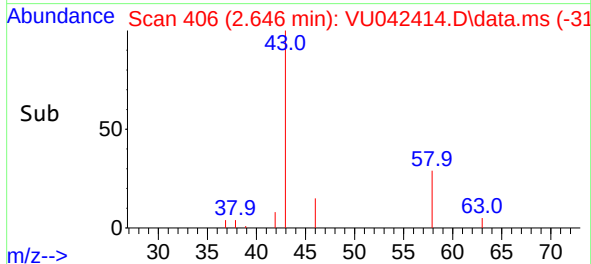
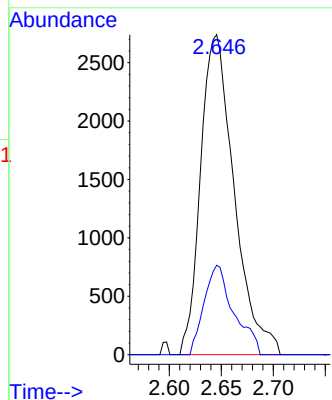
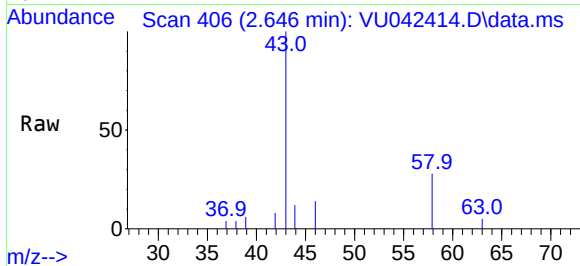




#13
Acetone
Concen: 4.21 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

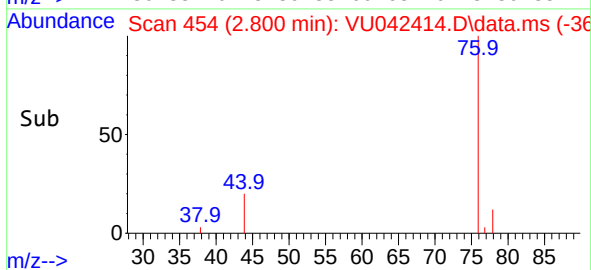
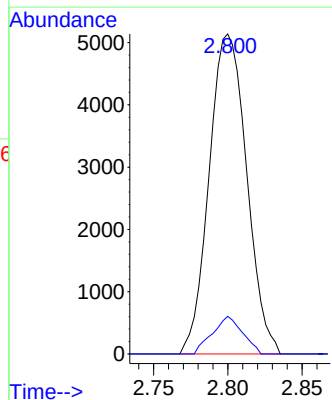
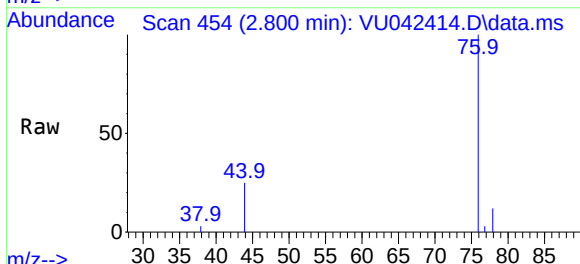
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

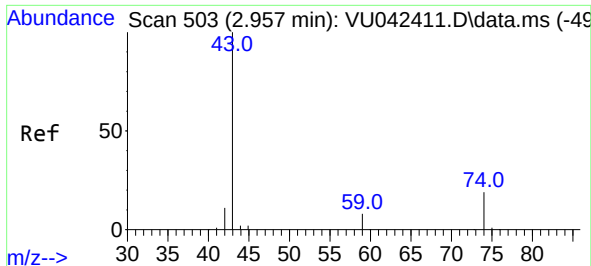
Tgt Ion: 43 Resp: 6165
Ion Ratio Lower Upper
43 100
58 22.3 0.0 54.0



#14
Carbon disulfide
Concen: 2.24 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 76 Resp: 9033
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.0#

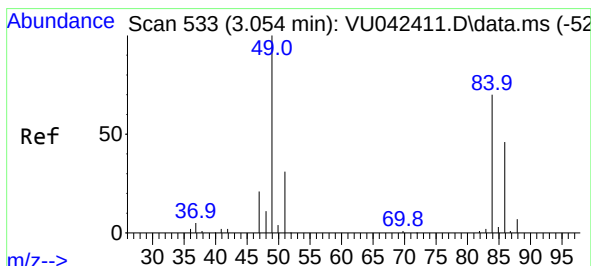
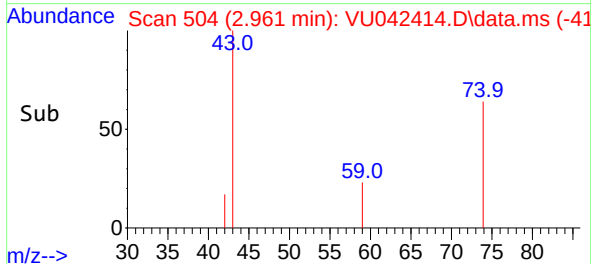
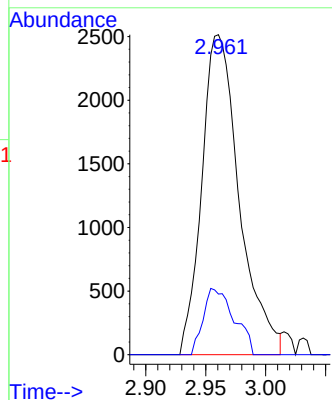
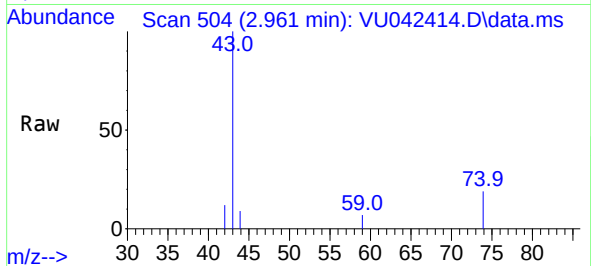




#15
Methyl Acetate
Concen: 2.43 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

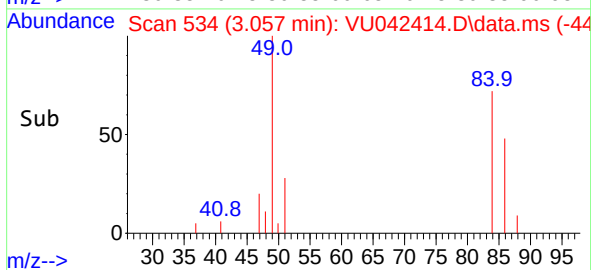
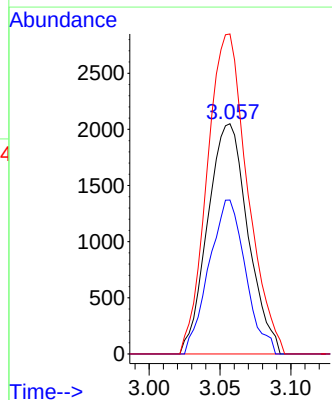
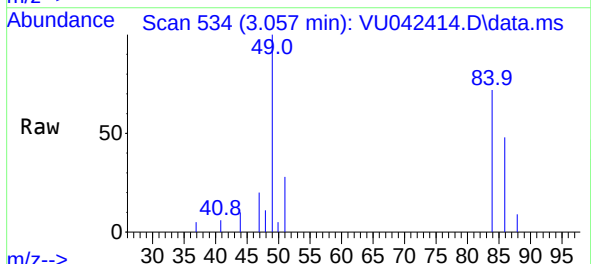
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

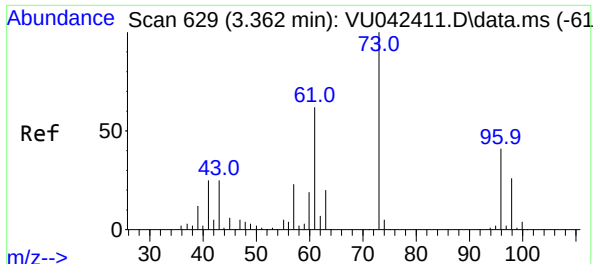
Tgt Ion: 43 Resp: 5472
Ion Ratio Lower Upper
43 100
74 14.9 15.8 23.6#



#16
Methylene chloride
Concen: 2.68 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 84 Resp: 4052
Ion Ratio Lower Upper
84 100
86 66.8 46.0 85.4
49 139.0 99.5 184.9



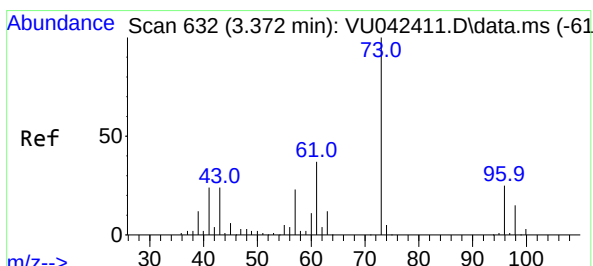
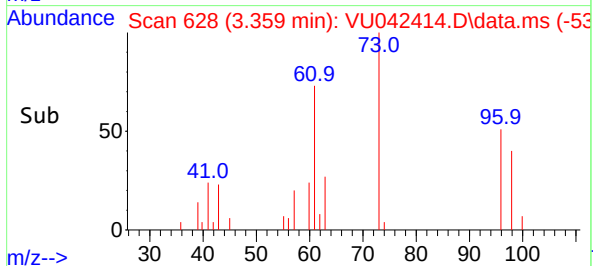
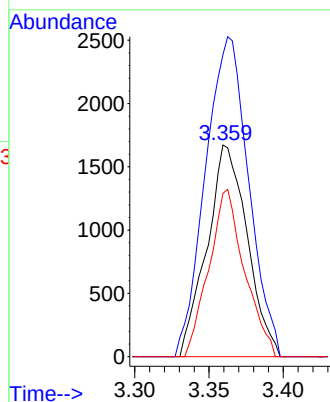
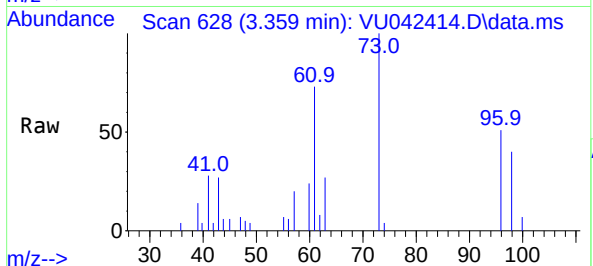


#17
trans-1,2-Dichloroethene
Concen: 2.26 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

Tgt Ion: 96 Resp: 3153

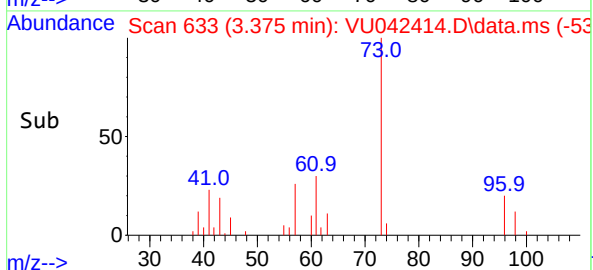
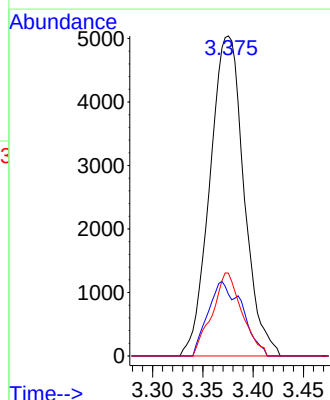
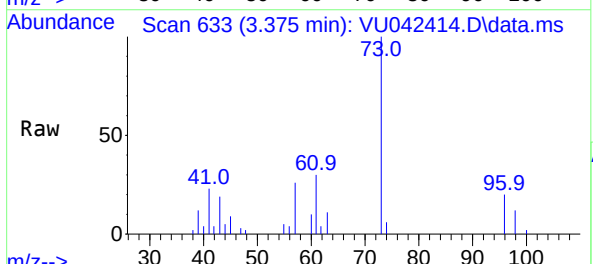
Ion	Ratio	Lower	Upper
96	100		
61	142.6	104.6	194.2
98	77.1	44.4	82.4

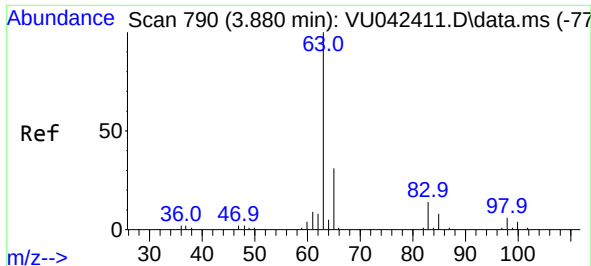


#18
Methyl tert-butyl Ether
Concen: 2.36 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 73 Resp: 11854

Ion	Ratio	Lower	Upper
73	100		
43	15.3	19.4	29.0#
57	22.7	18.2	27.2



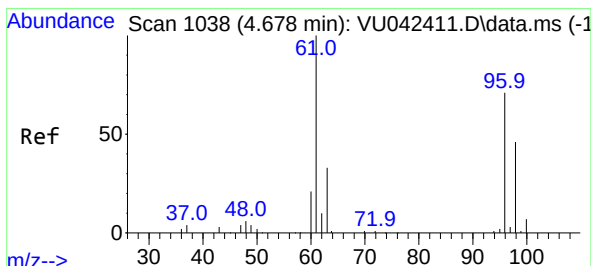
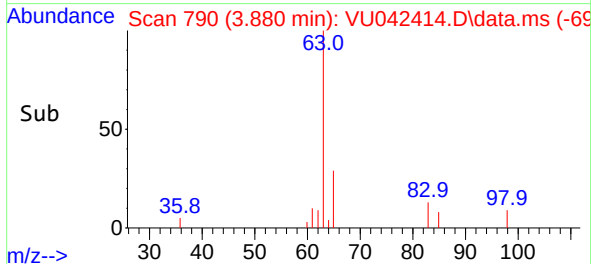
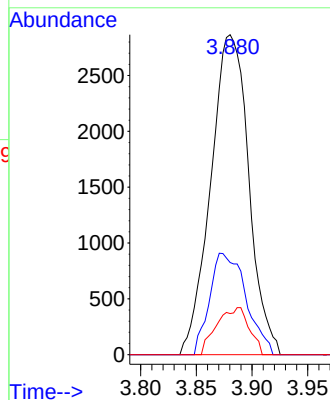
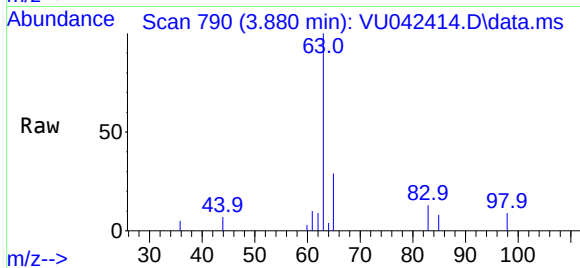


#19

1,1-Dichloroethane
Concen: 2.36 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

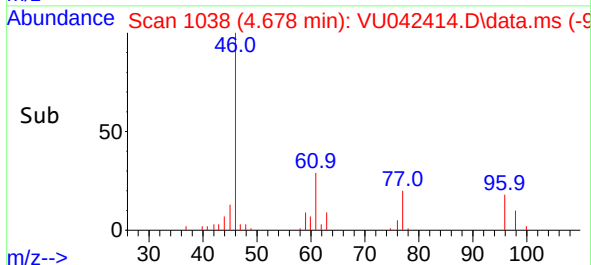
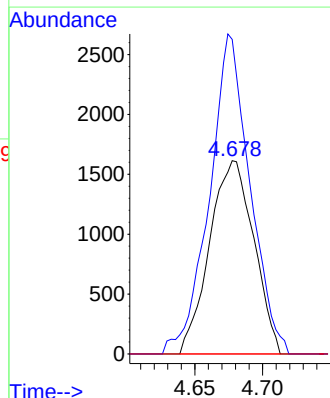
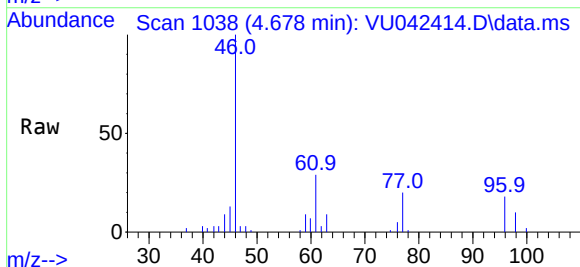
Tgt Ion:	63	Resp:	6807
Ion	Ratio	Lower	Upper
63	100		
65	28.8	21.8	40.4
83	12.8	9.1	16.9

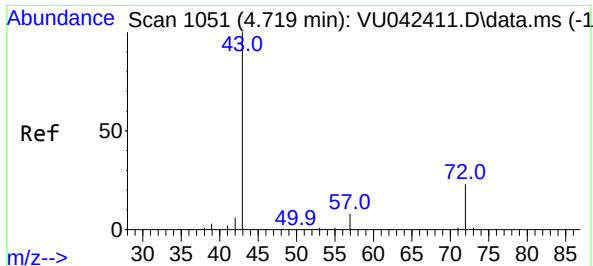


#20

cis-1,2-Dichloroethene
Concen: 2.34 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:	96	Resp:	3663
Ion	Ratio	Lower	Upper
96	100		
61	162.8	98.6	183.0
68	0.0	0.0	0.0

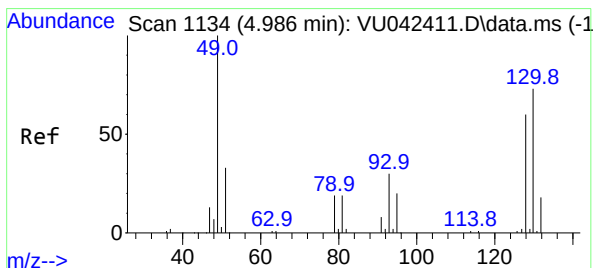
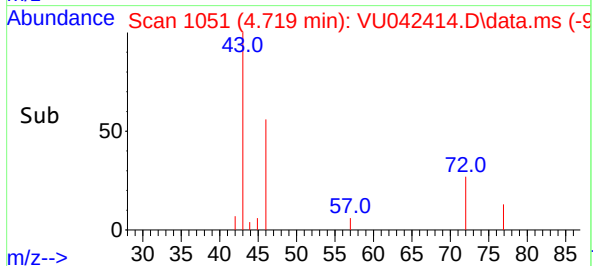
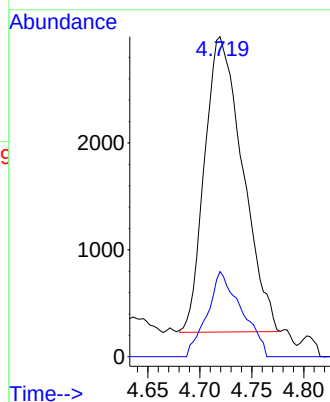
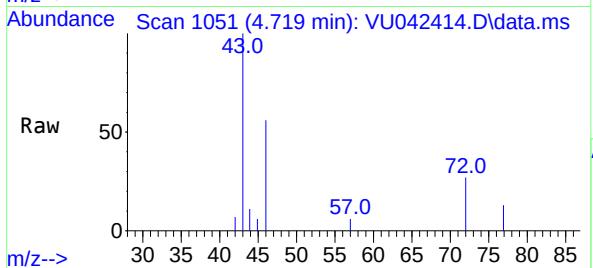




#22
2-Butanone
Concen: 3.71 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

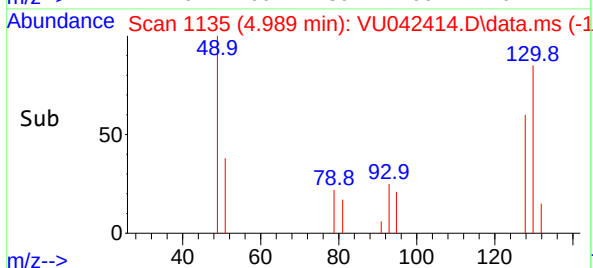
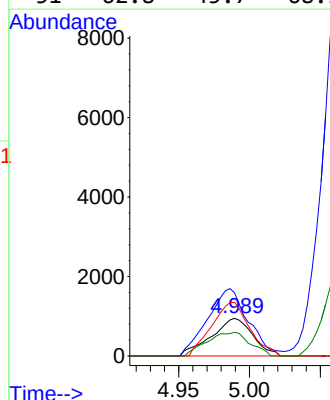
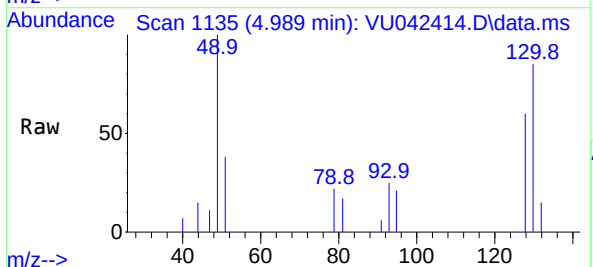
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

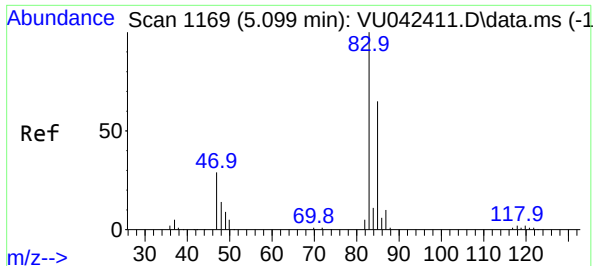
Tgt Ion: 43 Resp: 7051
Ion Ratio Lower Upper
43 100
72 25.9 11.7 35.1



#23
Bromochloromethane
Concen: 2.30 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 128 Resp: 1917
Ion Ratio Lower Upper
128 100
49 167.2 125.9 233.9
130 142.4 91.7 170.3
51 62.8 45.7 68.5



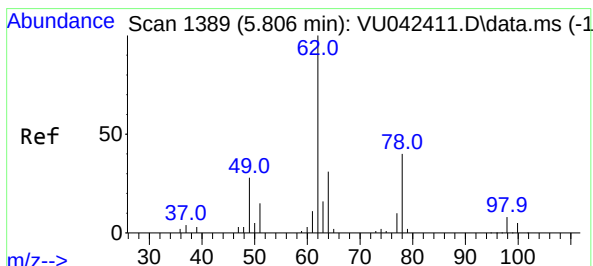
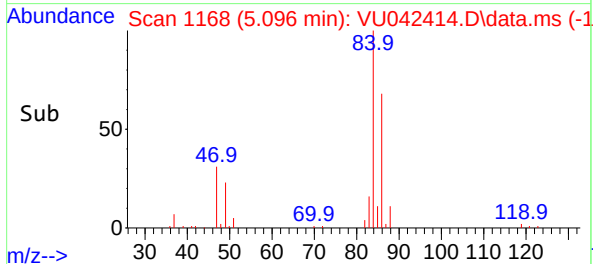
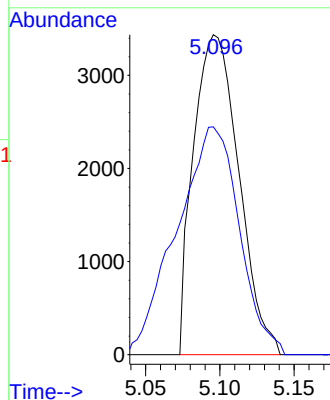
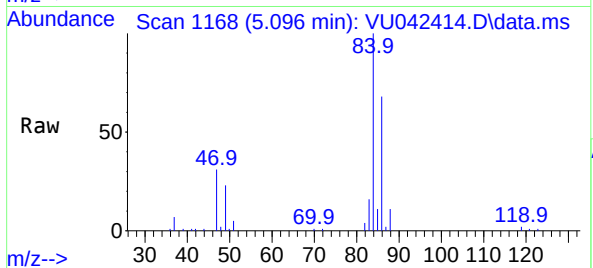


#25

Chloroform
Concen: 2.49 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

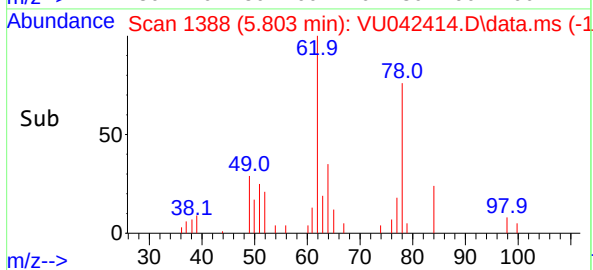
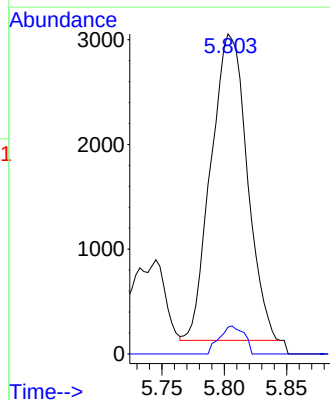
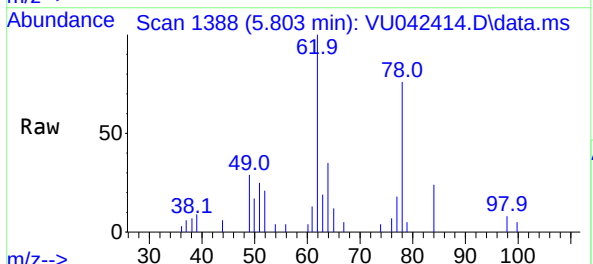
Tgt Ion: 83 Resp: 7302
Ion Ratio Lower Upper
83 100
85 71.2 46.1 85.5

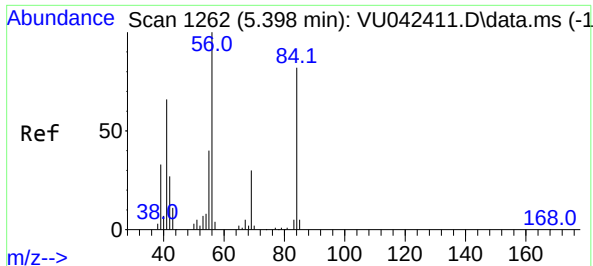


#27

1,2-Dichloroethane
Concen: 2.28 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 62 Resp: 5913
Ion Ratio Lower Upper
62 100
98 8.4 5.8 8.8





#29

Cyclohexane

Concen: 2.26 ug/L

RT: 5.395 min Scan# 1261

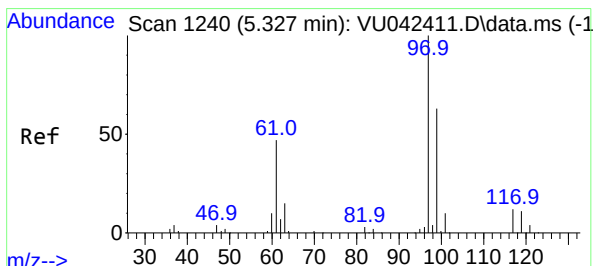
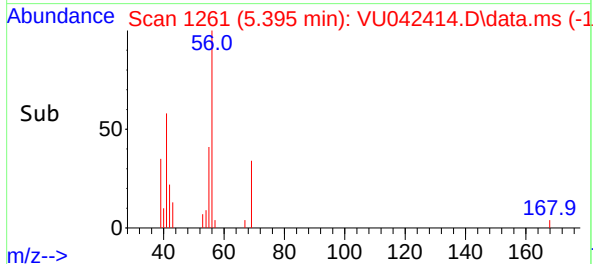
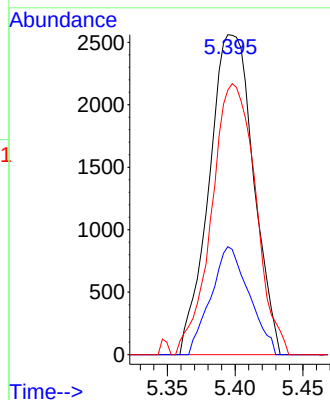
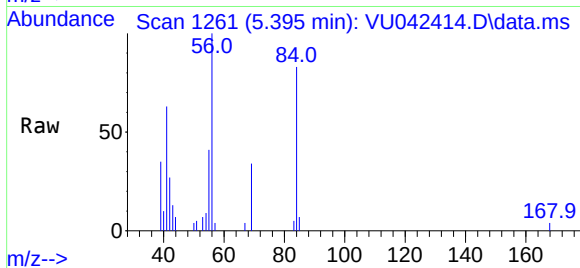
Delta R.T. -0.003 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

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

Tgt Ion:	56	Resp:	5826
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.5	35.3
84	84.0	64.2	96.2



#30

1,1,1-Trichloroethane

Concen: 2.28 ug/L

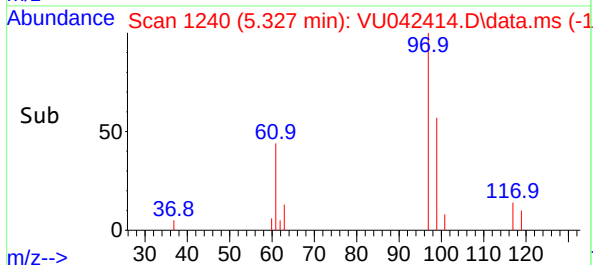
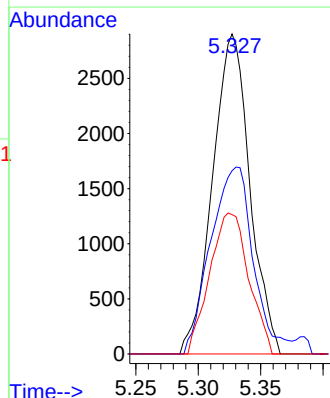
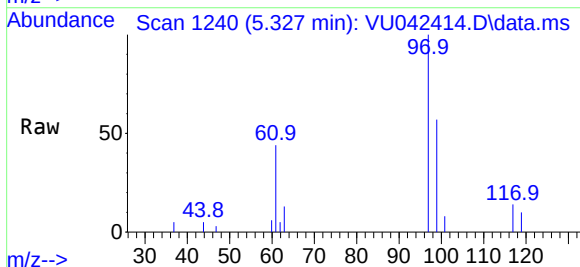
RT: 5.327 min Scan# 1240

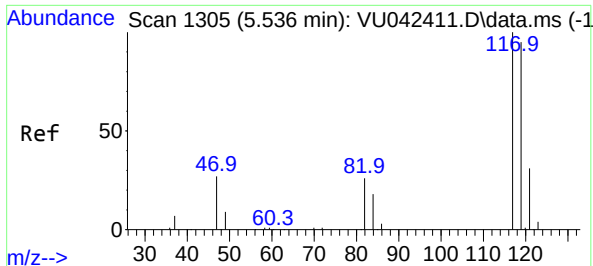
Delta R.T. 0.000 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

Tgt Ion:	97	Resp:	6032
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	46.1	37.7	56.5

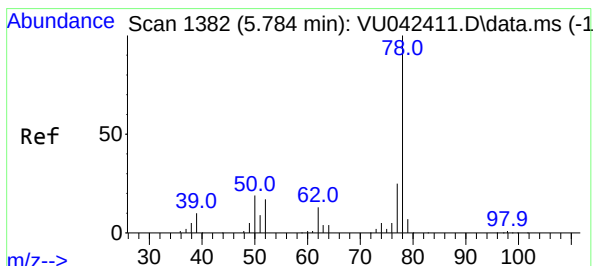
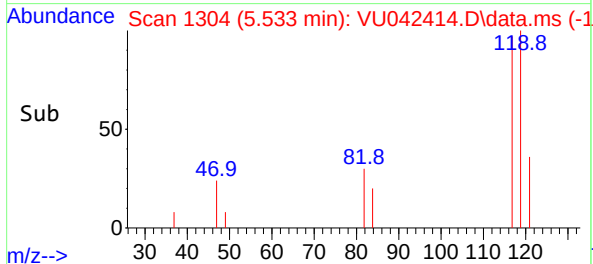
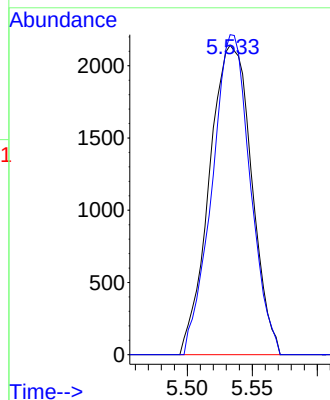
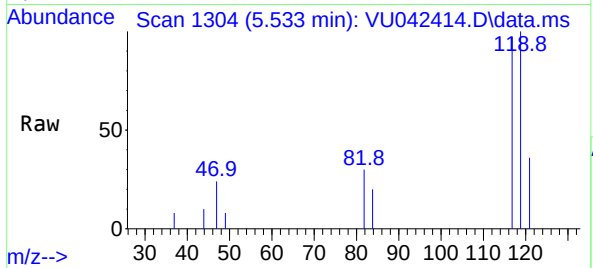




#31
Carbon tetrachloride
Concen: 2.13 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

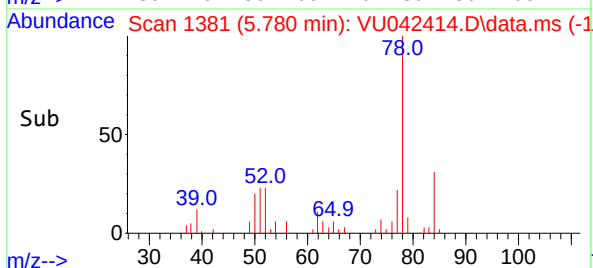
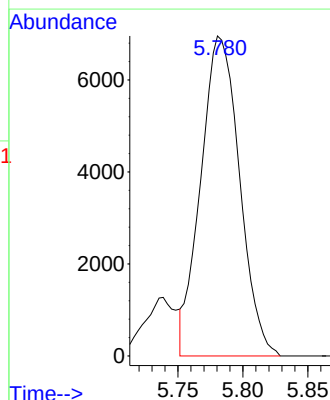
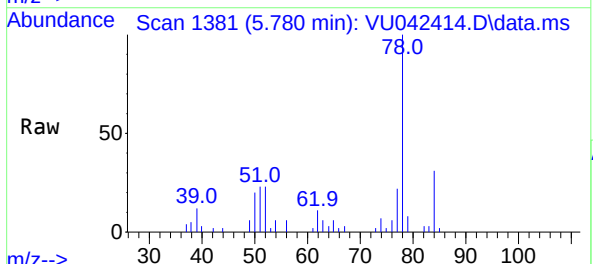
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

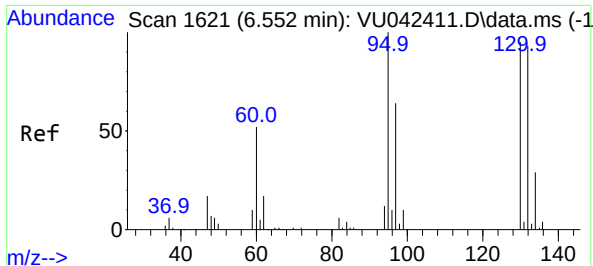
Tgt Ion:117 Resp: 4847
Ion Ratio Lower Upper
117 100
119 93.2 77.5 116.3



#33
Benzene
Concen: 2.44 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 78 Resp: 14439





#34

Trichloroethene

Concen: 2.43 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

Tgt Ion: 95 Resp: 3763

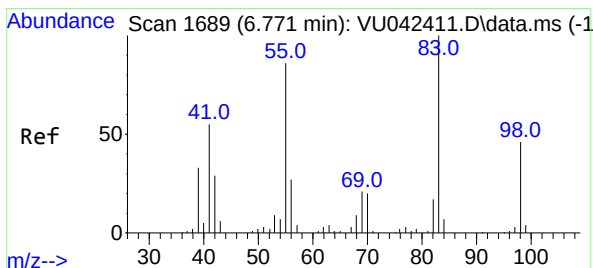
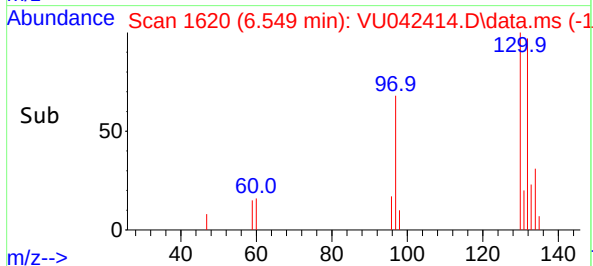
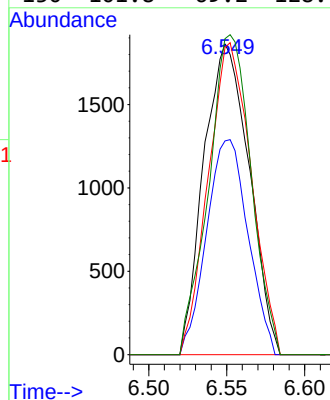
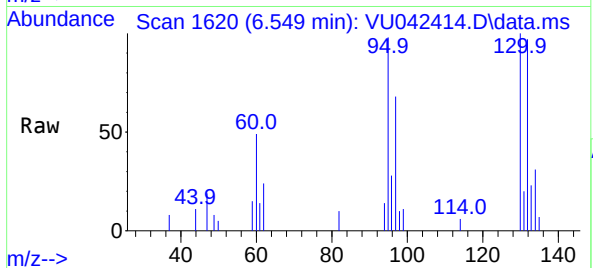
Ion Ratio Lower Upper

95 100

97 68.9 45.3 84.1

132 98.9 67.5 125.4

130 101.8 69.2 128.4



#35

Methylcyclohexane

Concen: 2.38 ug/L

RT: 6.774 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

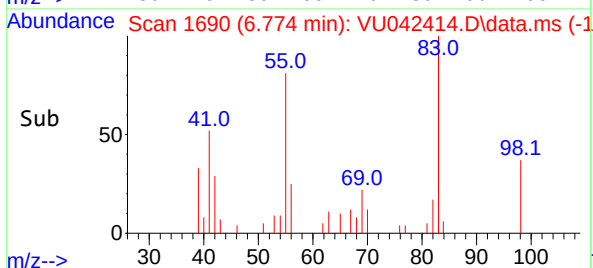
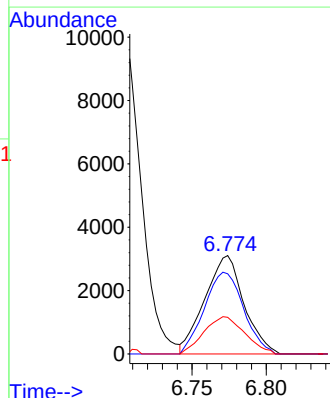
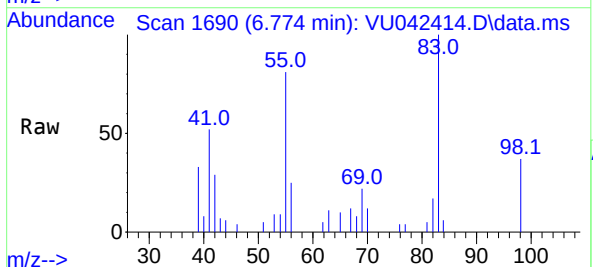
Tgt Ion: 83 Resp: 5685

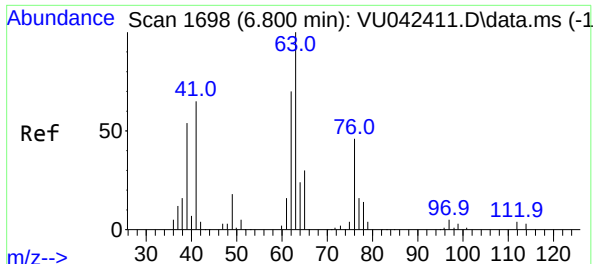
Ion Ratio Lower Upper

83 100

55 83.3 68.6 102.8

98 39.5 37.6 56.4

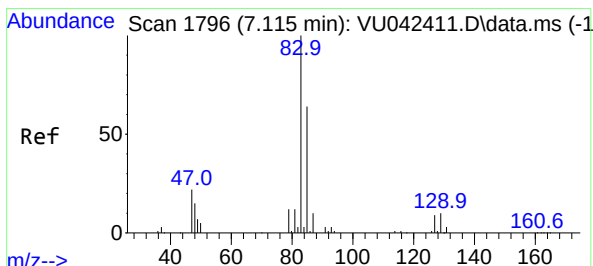
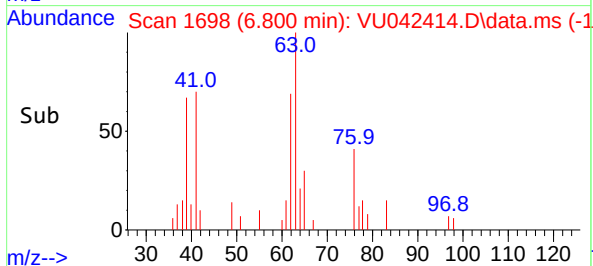
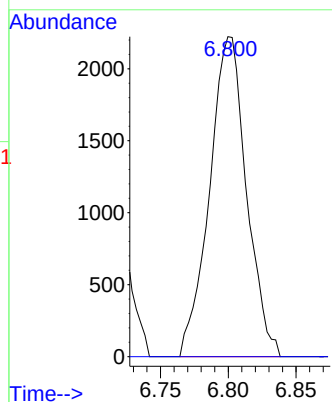
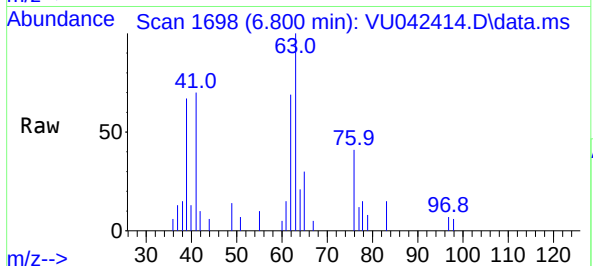




#37
1,2-Dichloropropane
Concen: 2.54 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

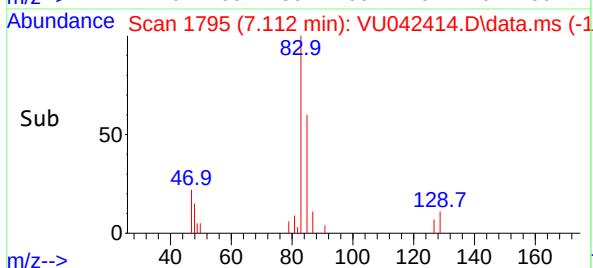
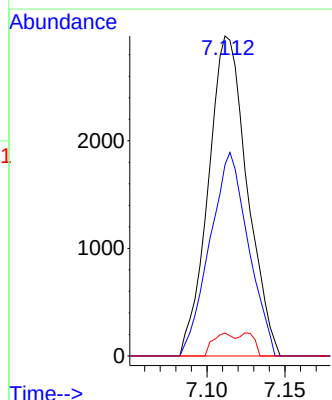
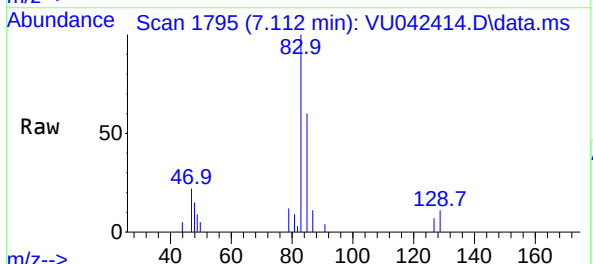
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

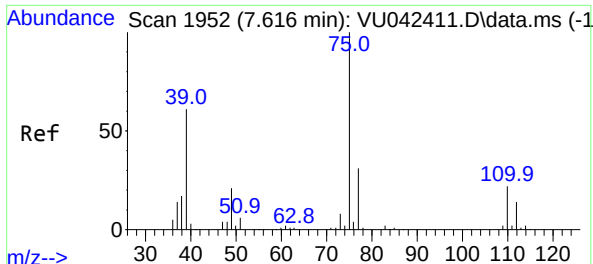
Tgt Ion: 63 Resp: 4214
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#38
Bromodichloromethane
Concen: 2.32 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 83 Resp: 5162
Ion Ratio Lower Upper
83 100
85 59.8 43.8 81.4
127 7.2 6.8 10.2

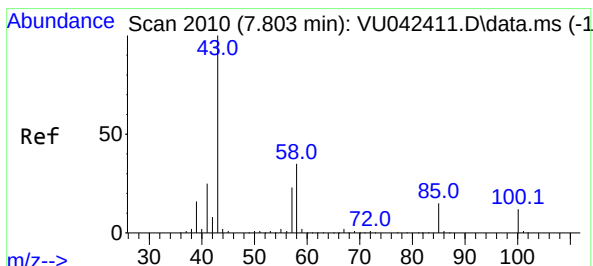
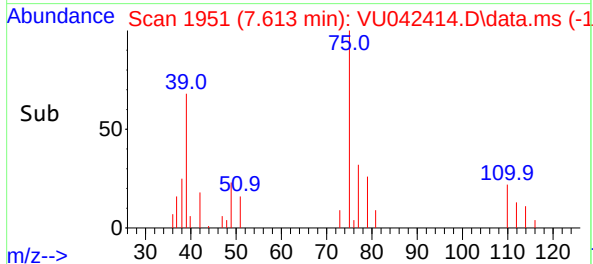
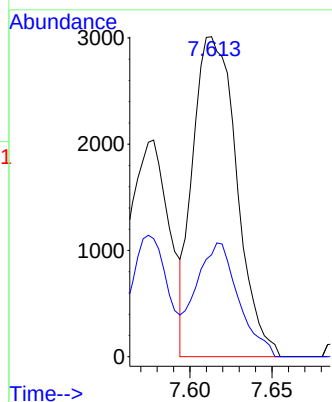
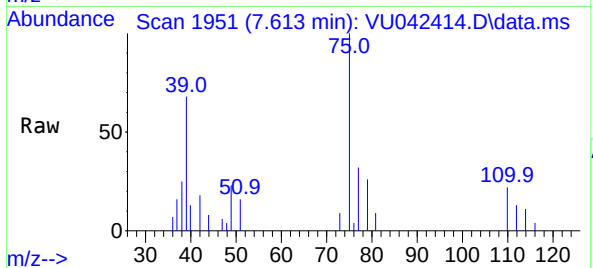




#39
cis-1,3-Dichloropropene
Concen: 2.16 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

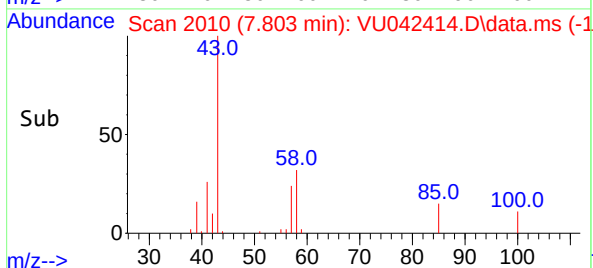
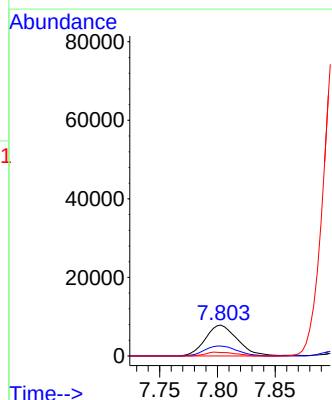
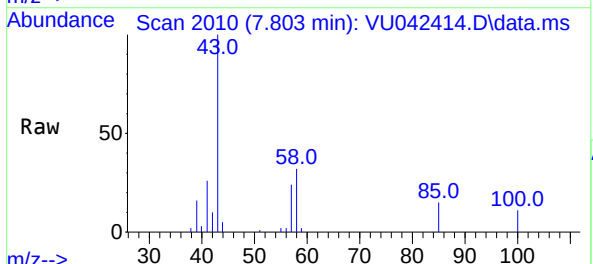
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

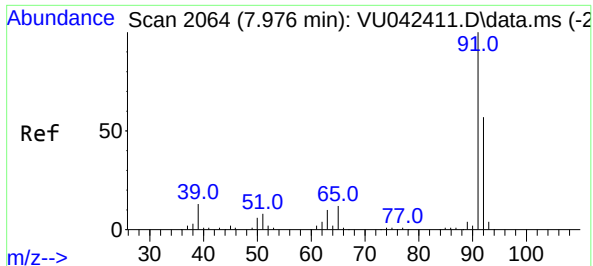
Tgt Ion: 75 Resp: 5566
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 4.64 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 43 Resp: 15192
Ion Ratio Lower Upper
43 100
58 32.9 28.7 43.1
100 11.3 9.7 14.5





#42

Toluene

Concen: 2.38 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042414.D

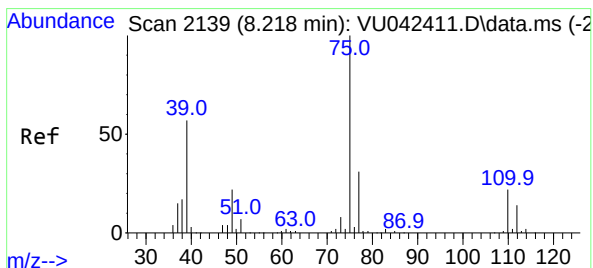
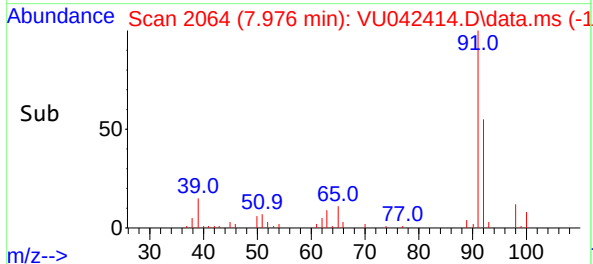
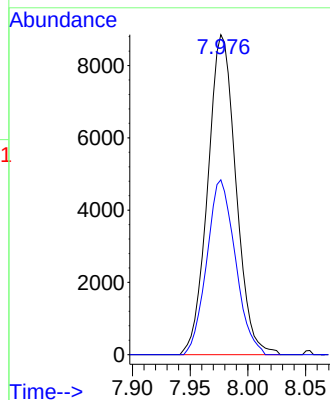
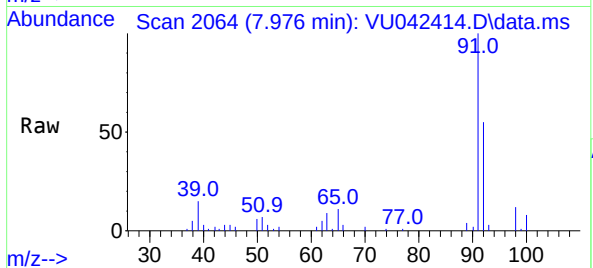
Acq: 23 Feb 2021 12:23

Tgt Ion: 91 Resp: 15037

Ion Ratio Lower Upper

91 100

92 54.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 2.58 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU042414.D

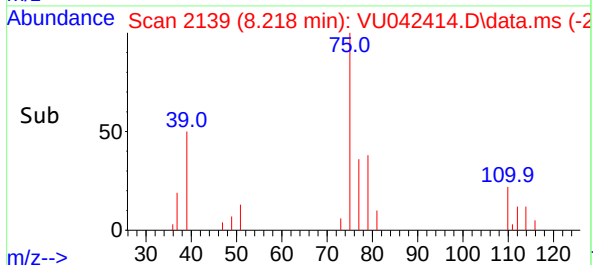
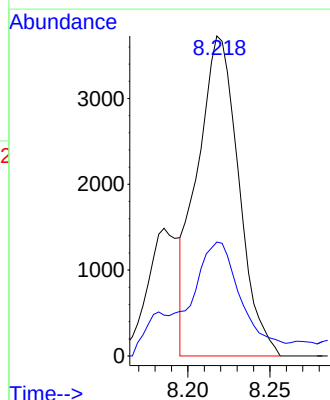
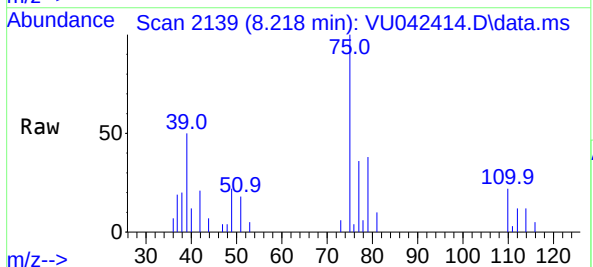
Acq: 23 Feb 2021 12:23

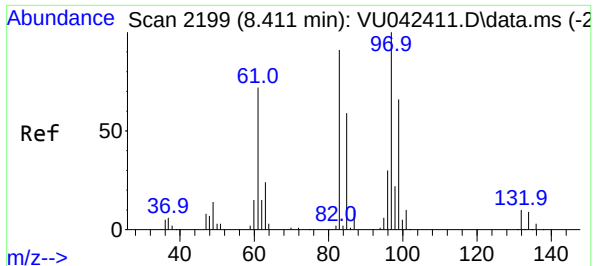
Tgt Ion: 75 Resp: 6552

Ion Ratio Lower Upper

75 100

77 35.6 21.6 40.2





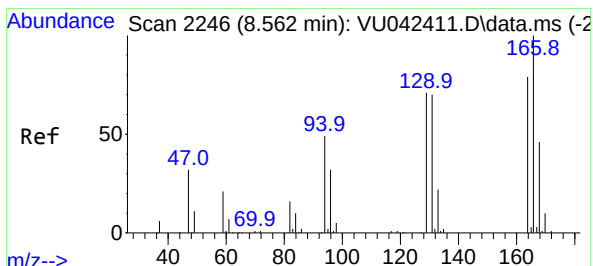
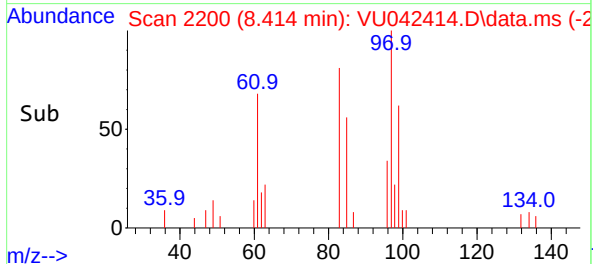
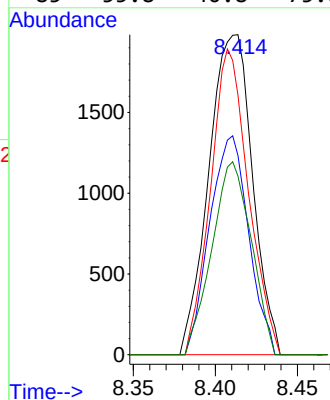
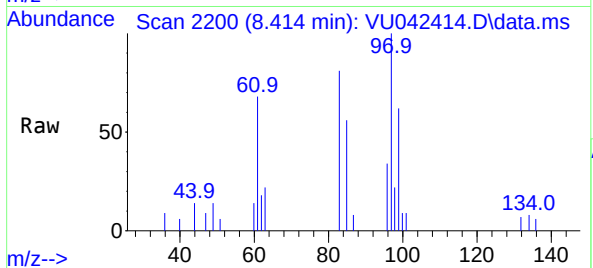
#45

1,1,2-Trichloroethane
Concen: 2.42 ug/L
RT: 8.414 min Scan# 2200
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

Tgt Ion: 97 Resp: 3672

Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	81.1	61.7	114.7
85	55.8	40.8	75.8

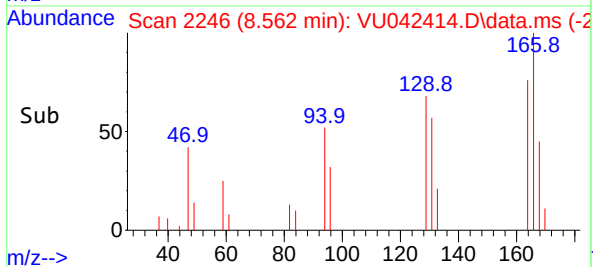
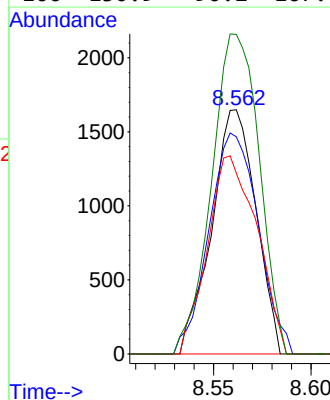
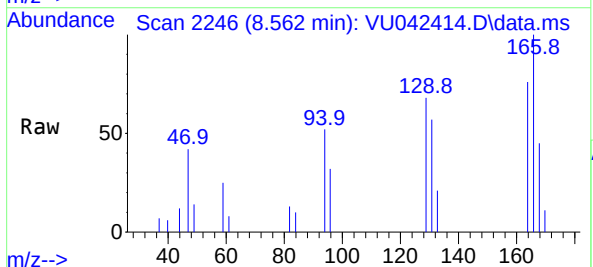


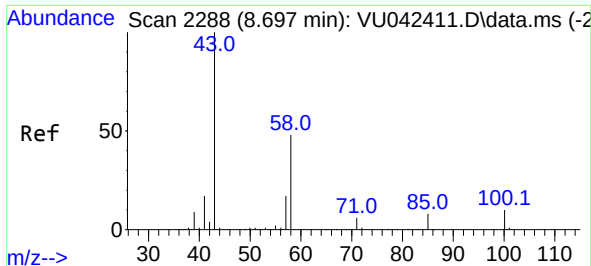
#46

Tetrachloroethene
Concen: 2.13 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 164 Resp: 2606

Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.2	121.2
131	74.0	62.4	115.8
166	130.9	90.2	167.6



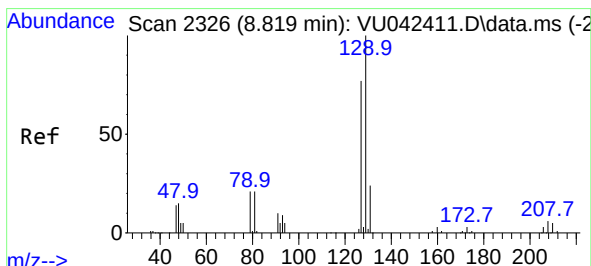
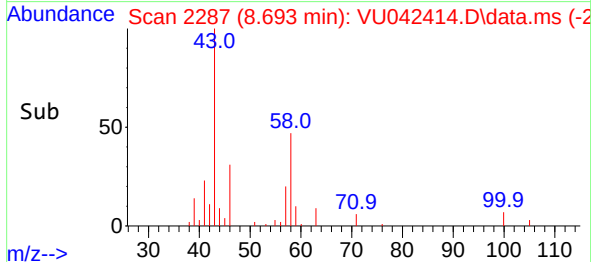
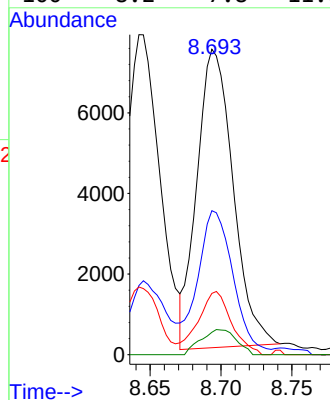
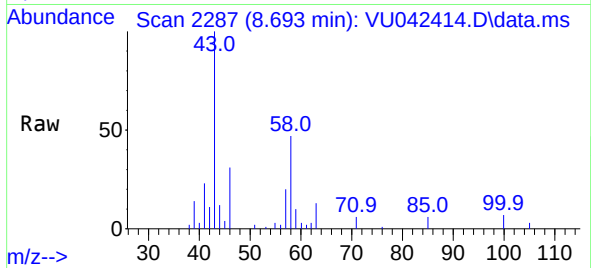


#48
2-Hexanone
Concen: 4.96 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

Tgt Ion: 43 Resp: 13140

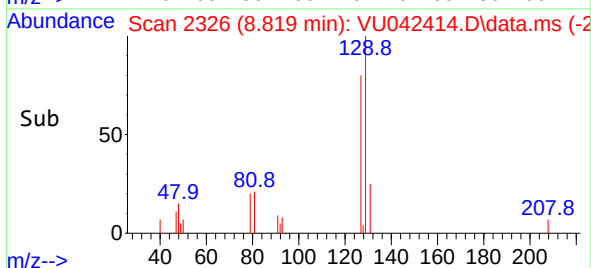
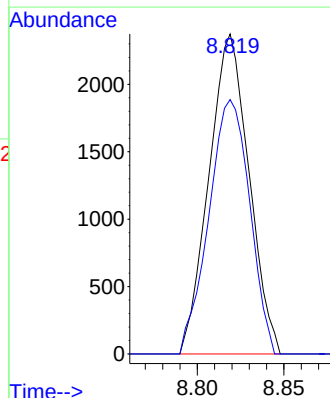
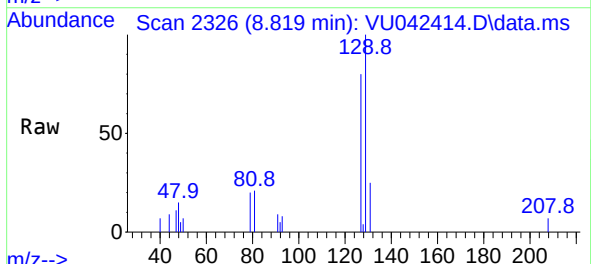
Ion	Ratio	Lower	Upper
43	100		
58	47.2	39.2	58.8
57	19.8	14.4	21.6
100	8.2	7.8	11.6

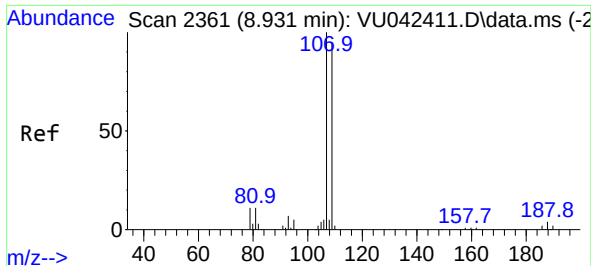


#49
Dibromochloromethane
Concen: 2.15 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 129 Resp: 3811

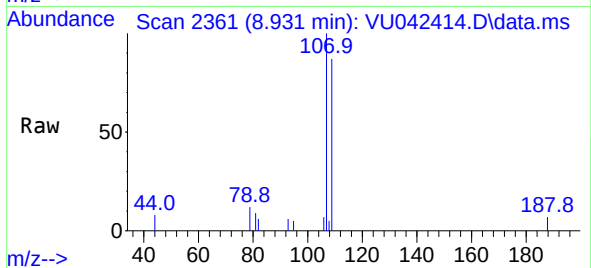
Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.7	101.7



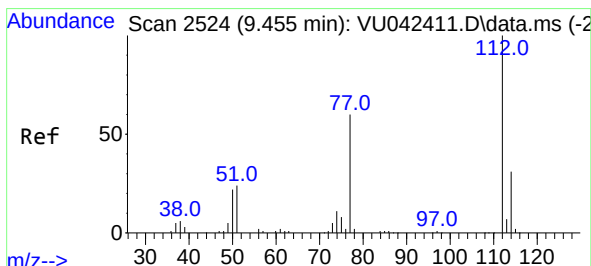
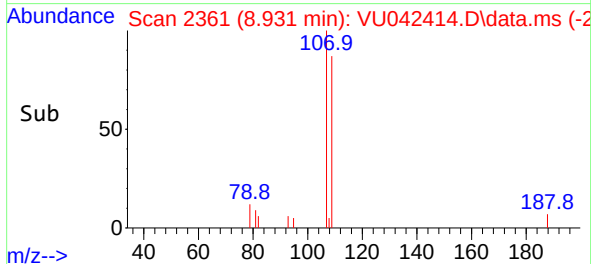
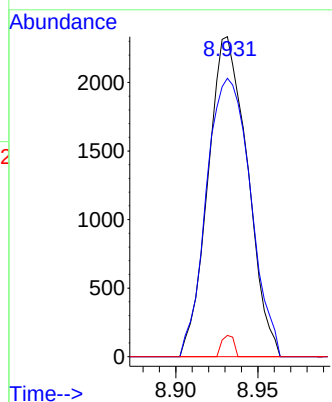


#50
1,2-Dibromoethane
Concen: 2.29 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

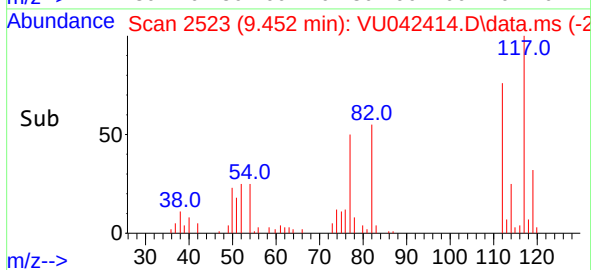
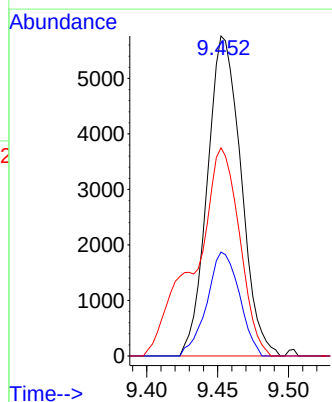
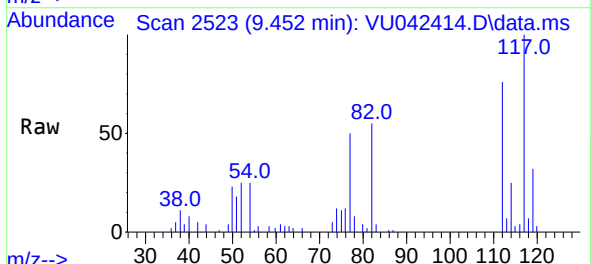


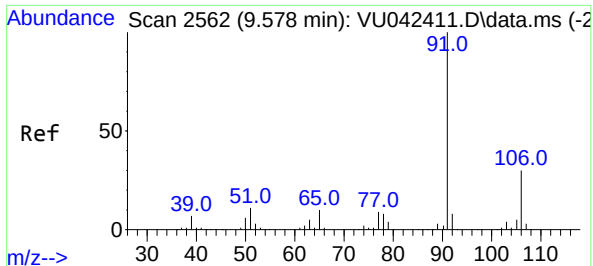
Tgt Ion:107 Resp: 3901
Ion Ratio Lower Upper
107 100
109 87.0 65.7 121.9
188 6.6 3.4 5.0#



#51
Chlorobenzene
Concen: 2.38 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:112 Resp: 9535
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 65.0 49.4 74.2

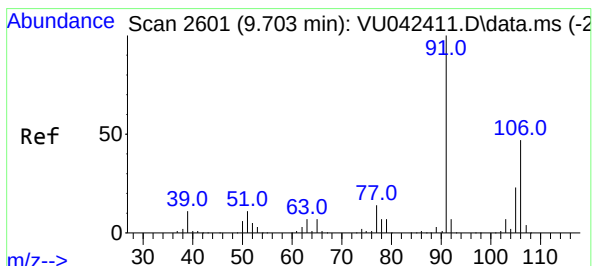
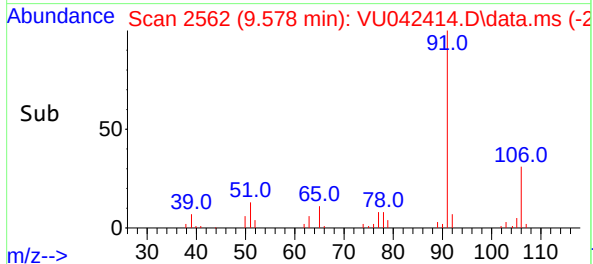
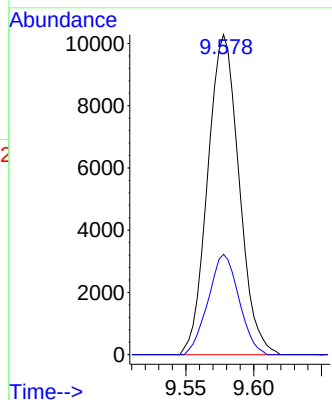
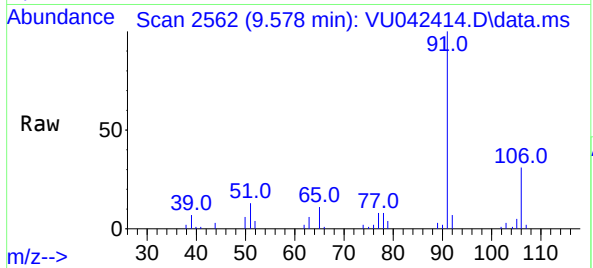




#52
Ethylbenzene
Concen: 2.35 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

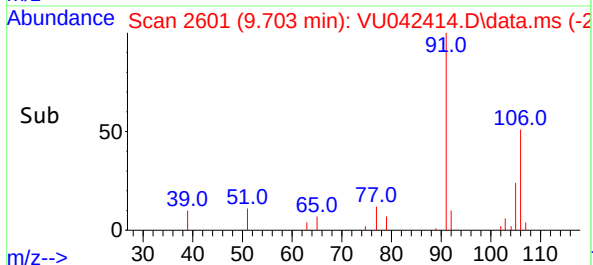
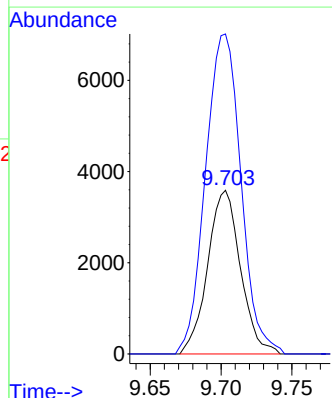
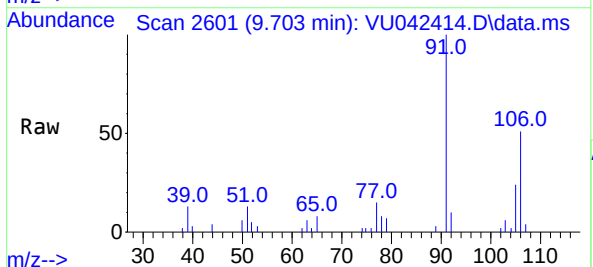
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

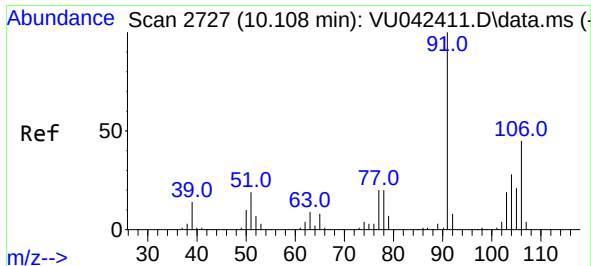
Tgt Ion: 91 Resp: 16559
Ion Ratio Lower Upper
91 100
106 31.4 20.8 38.6



#53
m,p-Xylene
Concen: 2.21 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion: 106 Resp: 5796
Ion Ratio Lower Upper
106 100
91 195.6 149.7 277.9

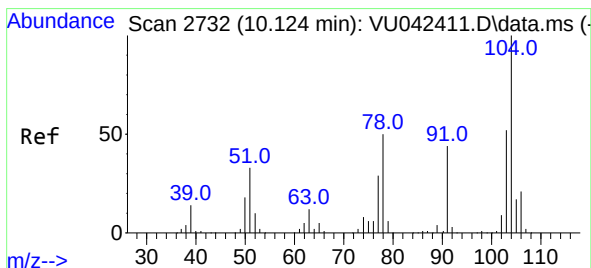
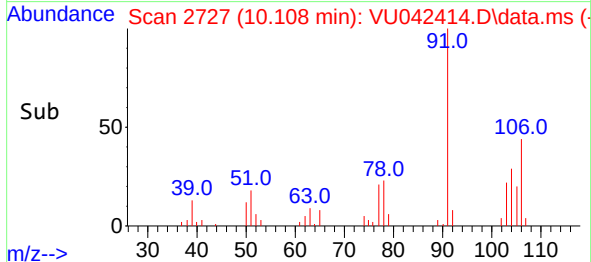
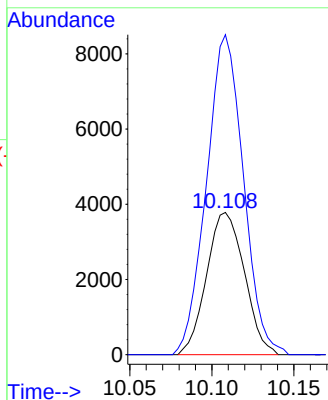
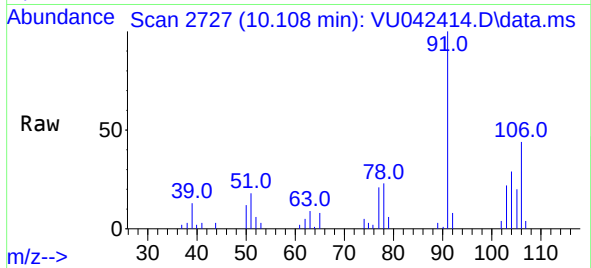




#54
o-xylene
Concen: 2.32 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

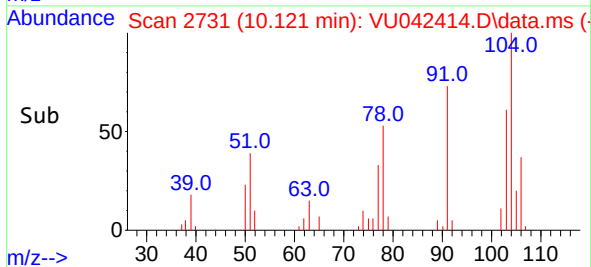
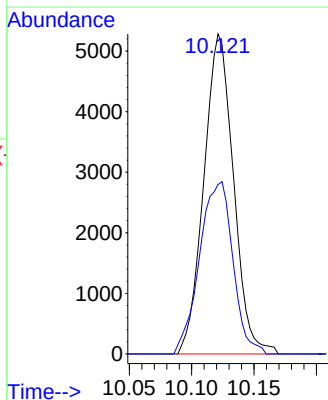
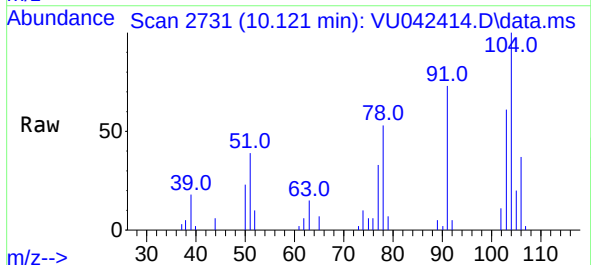
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

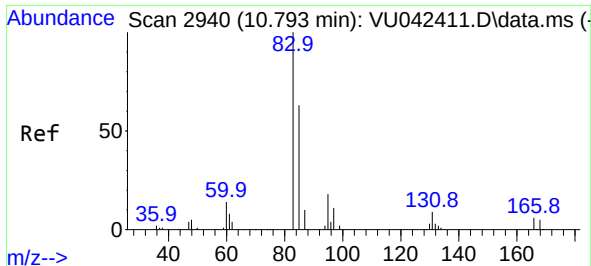
Tgt Ion:106 Resp: 6058
Ion Ratio Lower Upper
106 100
91 204.8 157.4 292.2



#55
Styrene
Concen: 1.96 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:104 Resp: 8756
Ion Ratio Lower Upper
104 100
78 53.0 34.4 64.0

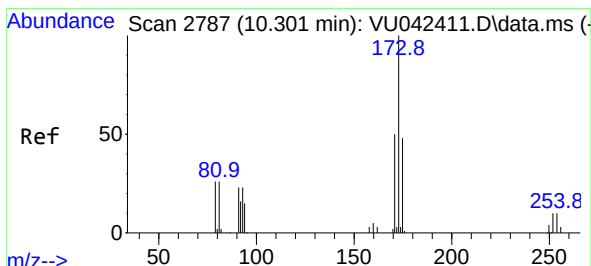
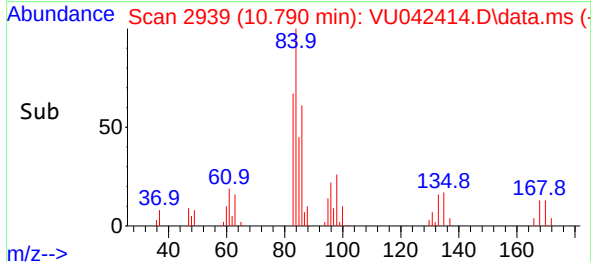
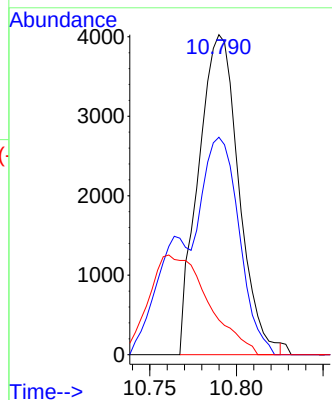
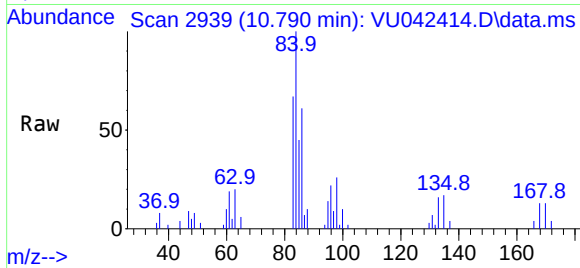




#57
1,1,2,2-Tetrachloroethane
Concen: 2.36 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

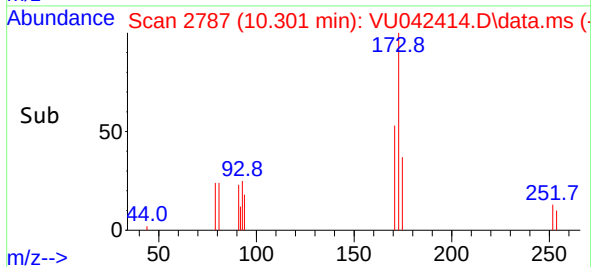
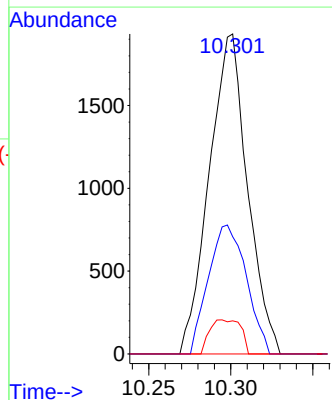
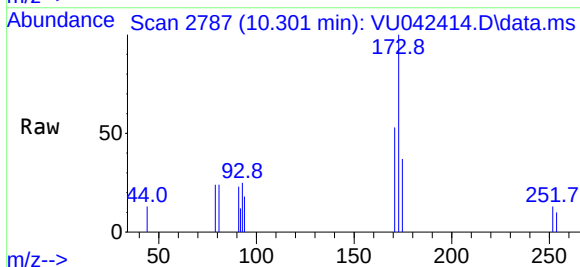
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

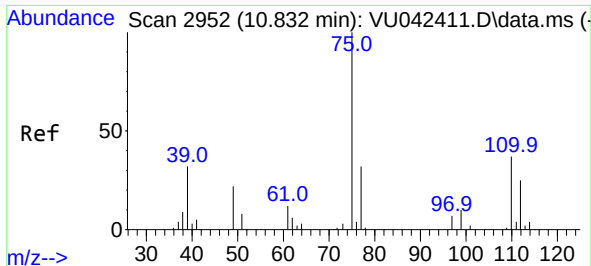
Tgt Ion:	83	Resp:	6530
Ion	Ratio	Lower	Upper
83	100		
85	67.9	45.4	84.2
131	10.9	8.1	12.1



#59
Bromoform
Concen: 2.28 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:	173	Resp:	3133
Ion	Ratio	Lower	Upper
173	100		
175	39.9	39.0	58.4
254	5.4	7.4	11.0#

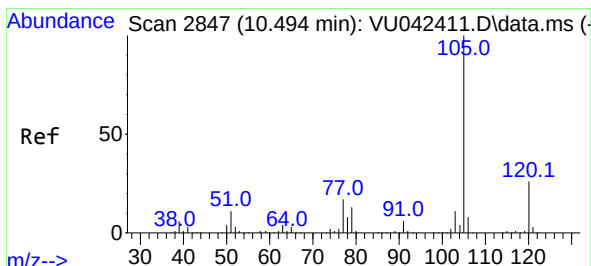
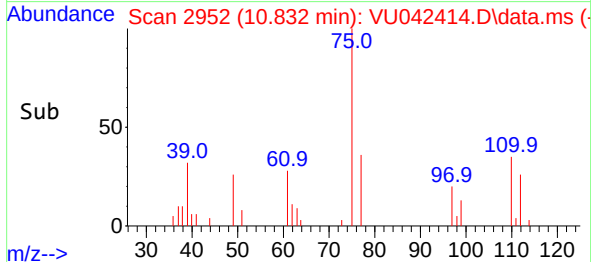
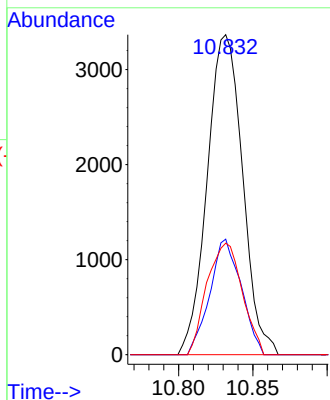
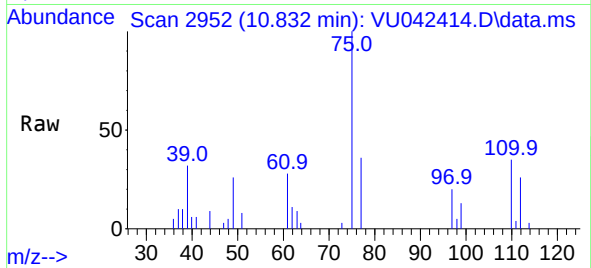




#60
1,2,3-Trichloropropane
Concen: 2.59 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

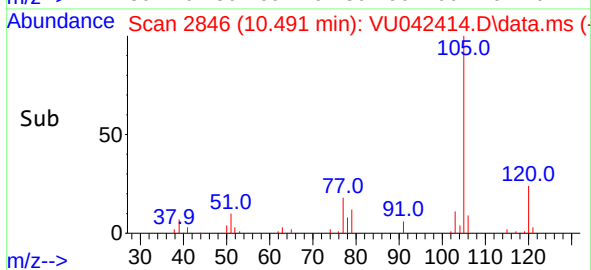
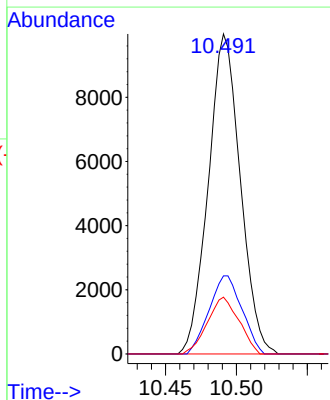
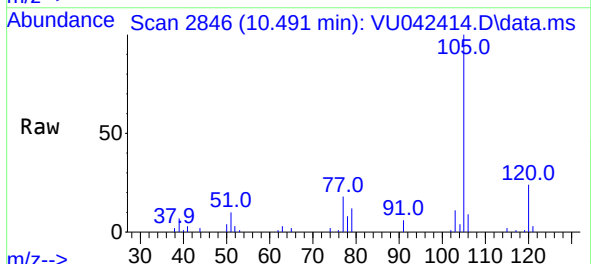
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

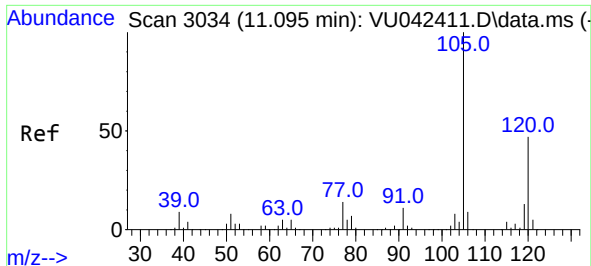
Tgt Ion:	75	Resp:	5578
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2
110	34.8	30.3	45.5



#61
Isopropylbenzene
Concen: 2.41 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

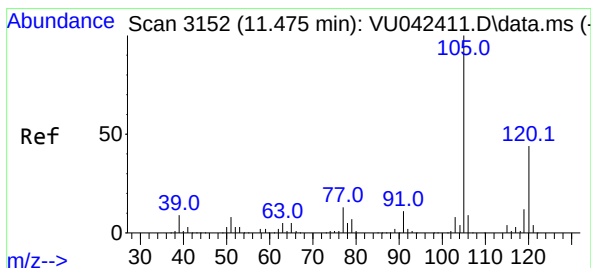
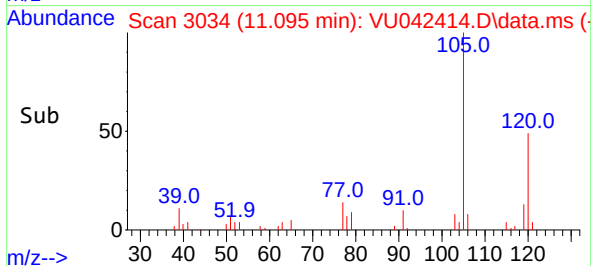
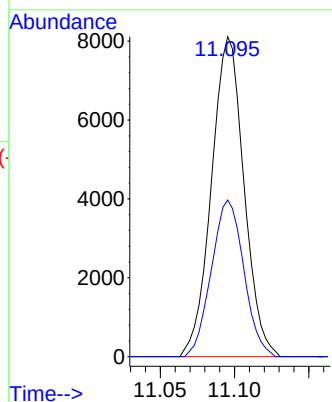
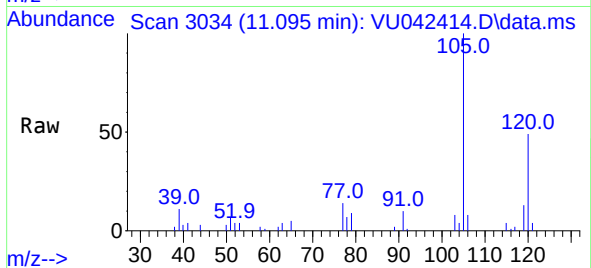
Tgt Ion:	105	Resp:	15673
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.5	30.7
77	17.5	13.6	20.4





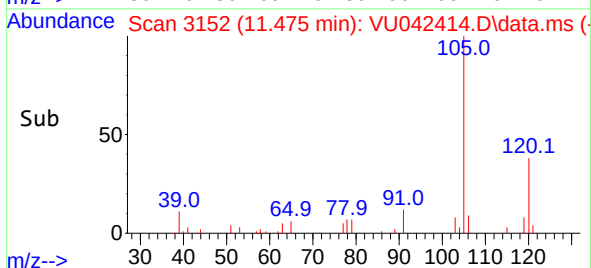
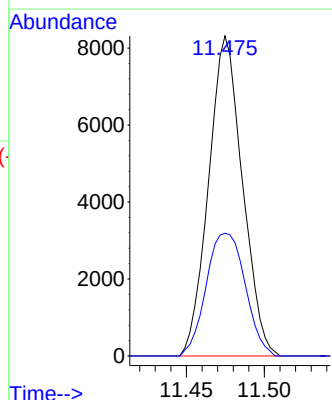
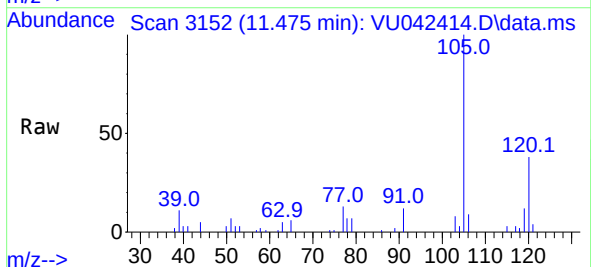
#62
1,3,5-Trimethylbenzene
Concen: 2.19 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

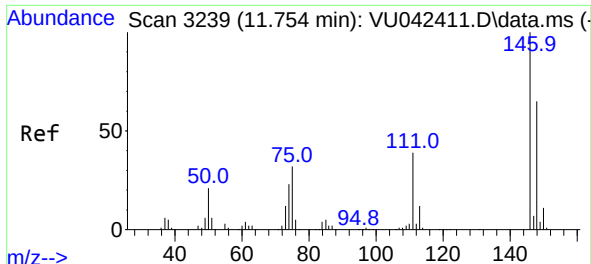
Tgt Ion:105 Resp: 12340
Ion Ratio Lower Upper
105 100
120 48.8 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 2.21 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:105 Resp: 12570
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

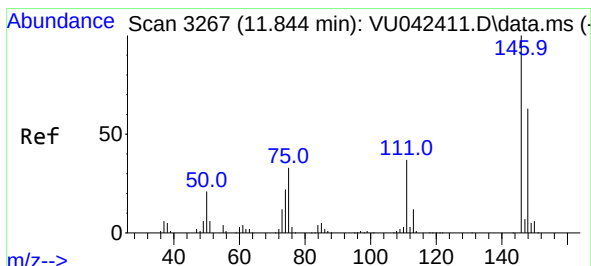
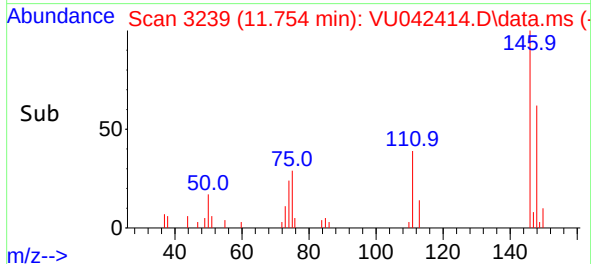
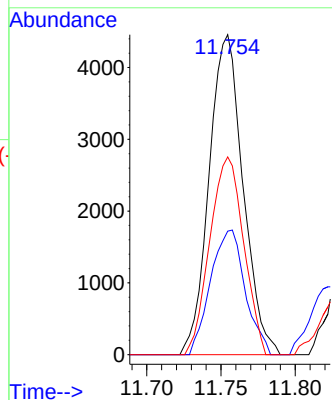
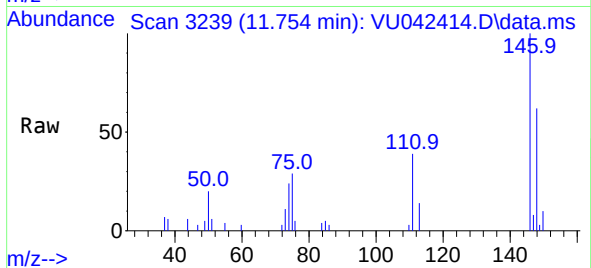




#64
1,3-Dichlorobenzene
Concen: 2.31 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

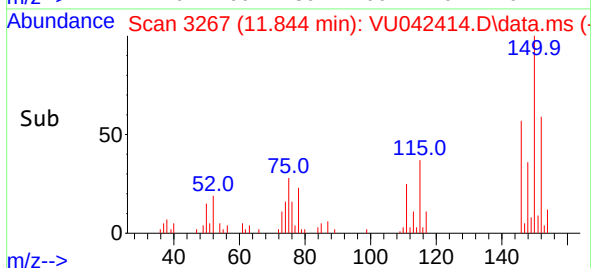
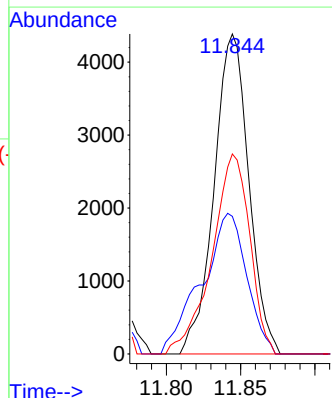
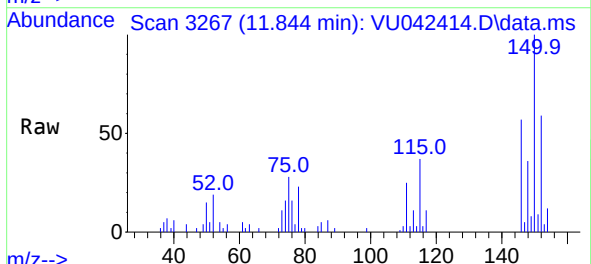
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

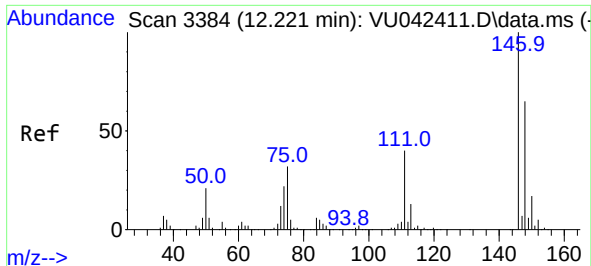
Tgt Ion:146 Resp: 7092
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 64.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 2.28 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:146 Resp: 7129
Ion Ratio Lower Upper
146 100
111 43.0 26.6 49.4
148 62.5 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 2.55 ug/L

RT: 12.221 min Scan# 3384

Delta R.T. 0.000 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

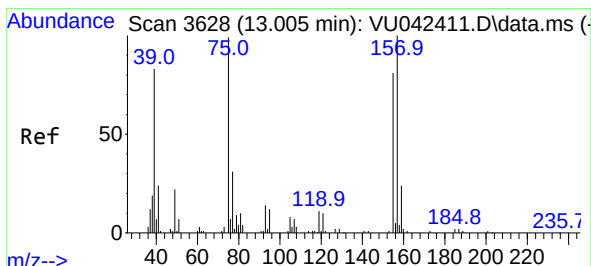
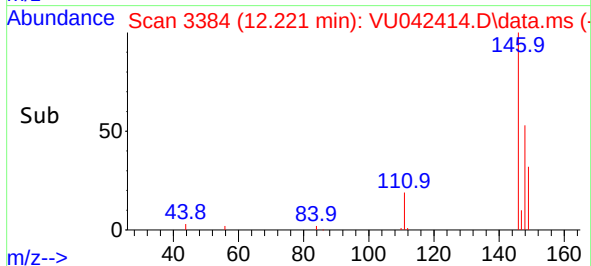
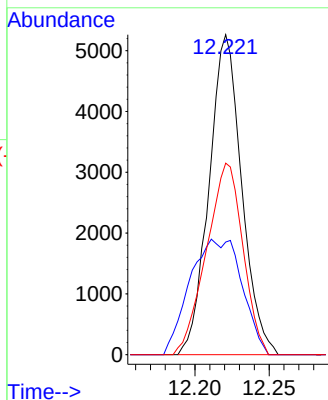
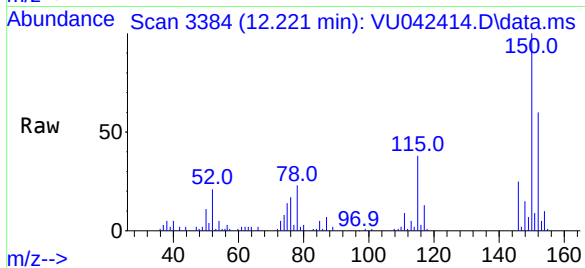
Tgt Ion:146 Resp: 8056

Ion Ratio Lower Upper

146 100

111 32.4 31.9 47.9

148 55.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.18 ug/L

RT: 13.008 min Scan# 3629

Delta R.T. 0.003 min

Lab File: VU042414.D

Acq: 23 Feb 2021 12:23

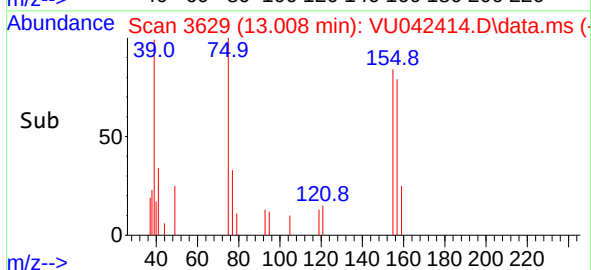
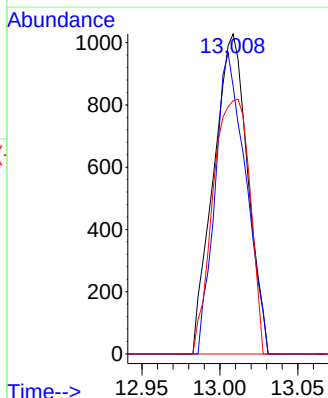
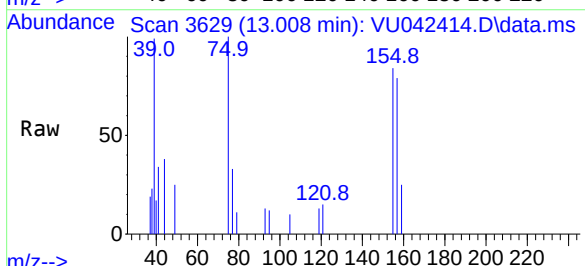
Tgt Ion: 75 Resp: 1566

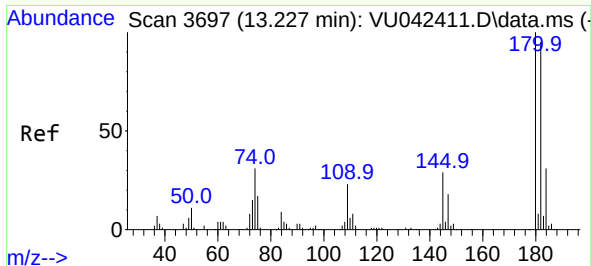
Ion Ratio Lower Upper

75 100

155 83.8 65.2 97.8

157 79.1 82.7 124.1#



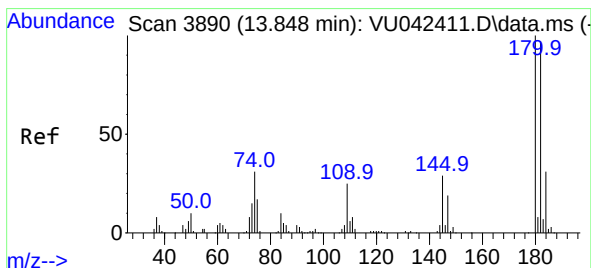
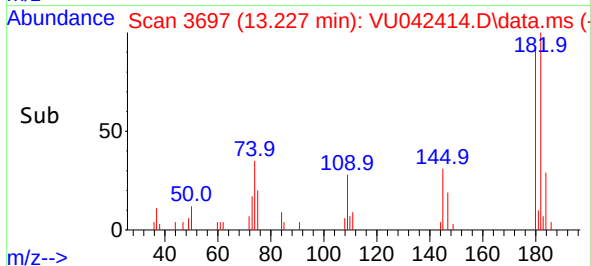
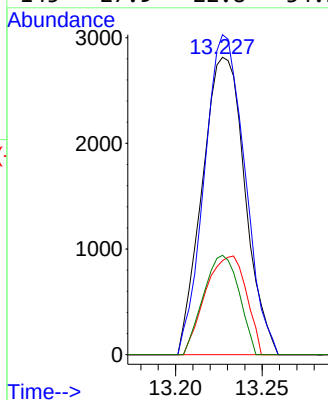
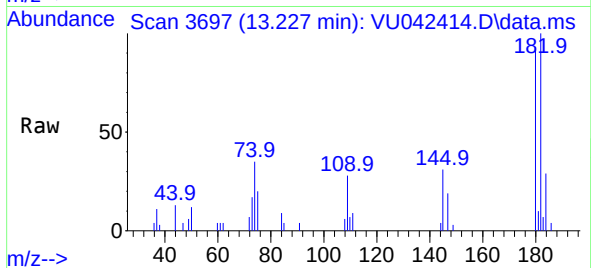


#69
1,3,5-Trichlorobenzene
Concen: 2.04 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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

Tgt Ion:180 Resp: 4828

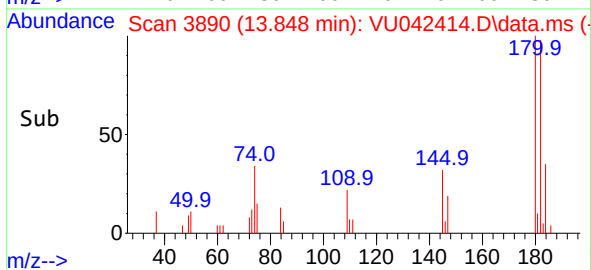
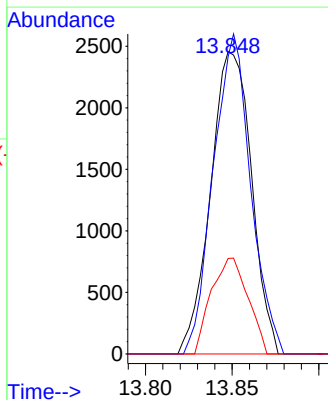
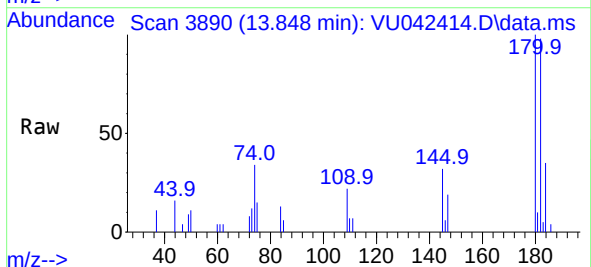
Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.8	115.2
184	31.6	24.1	36.1
145	27.9	22.8	34.2

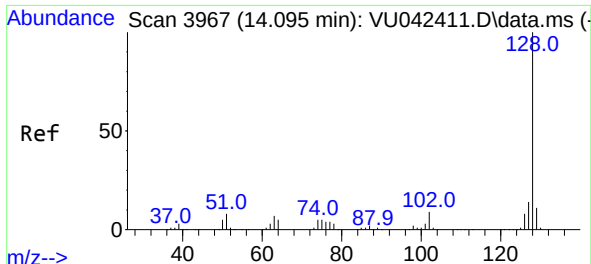


#70
1,2,4-trichlorobenzene
Concen: 2.03 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:180 Resp: 4030

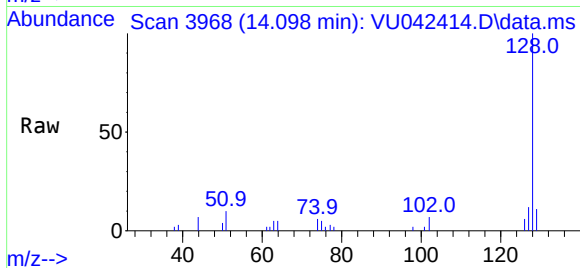
Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.2	115.8
145	28.5	23.7	35.5



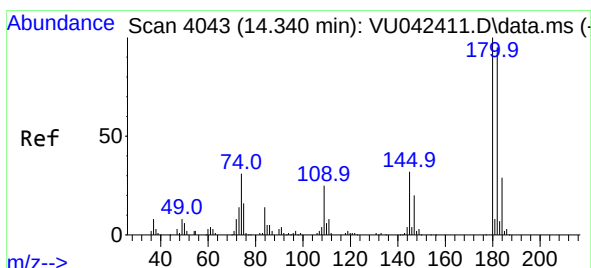
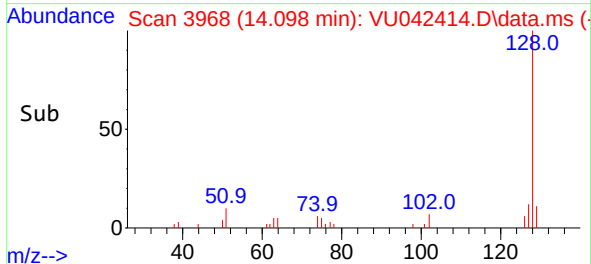
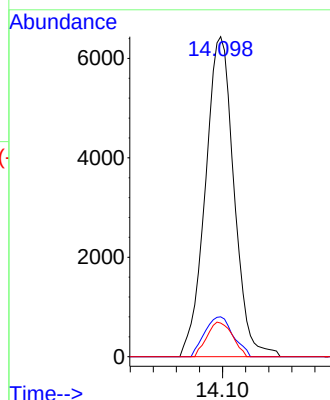


#71
Naphthalene
Concen: 1.77 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

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



Tgt Ion:128 Resp: 11091
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 9.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.01 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042414.D
Acq: 23 Feb 2021 12:23

Tgt Ion:180 Resp: 4053
Ion Ratio Lower Upper
180 100
182 98.3 76.2 114.2
145 25.6 24.6 37.0

