

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021674.D
 Acq On : 31 Mar 2021 11:22
 Operator : JC/MD
 Sample : M1842-08DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 03:22:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

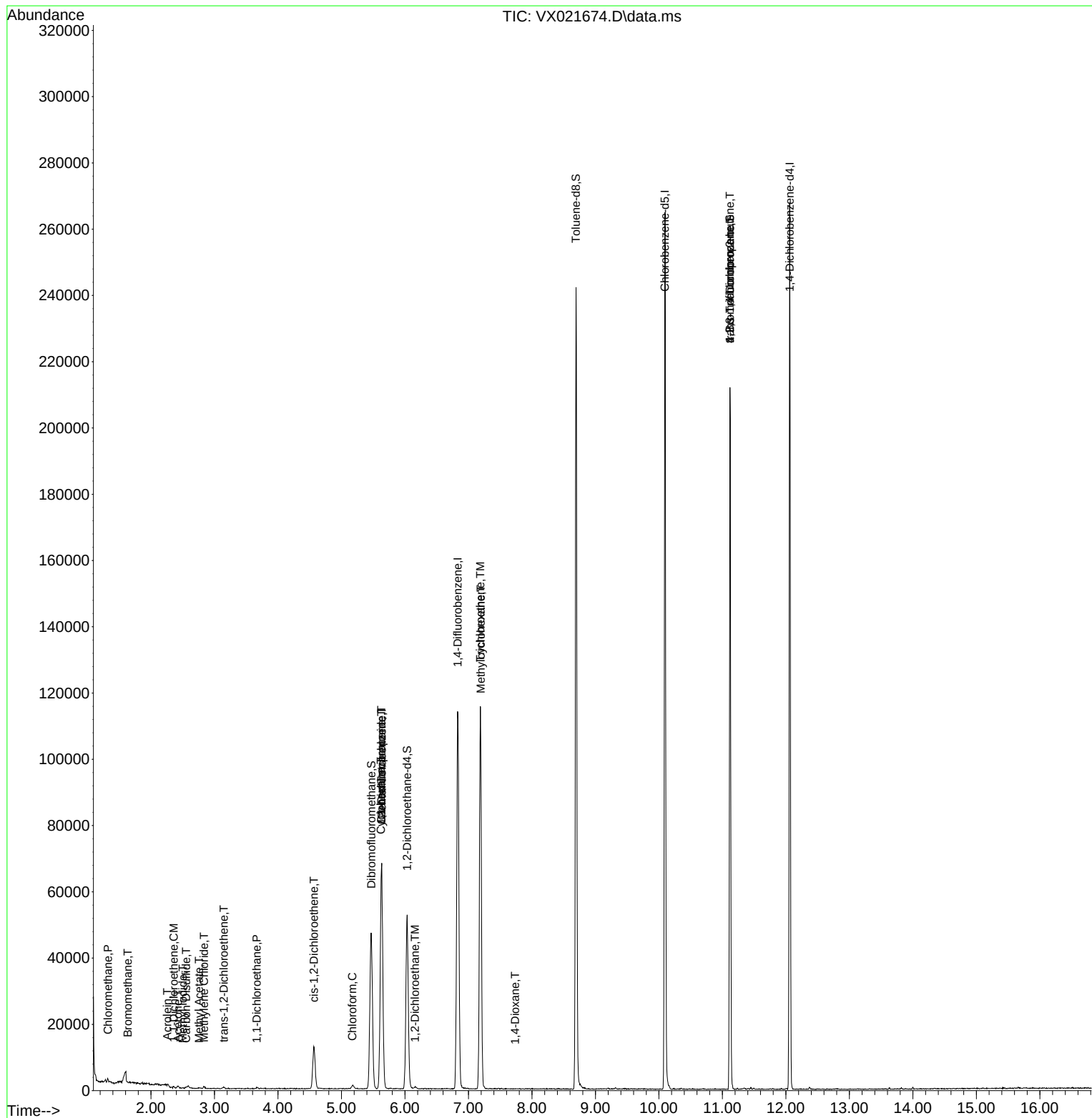
Internal Standards						
1) Pentafluorobenzene	5.635	168	57821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50988	53.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.00%			
35) Dibromofluoromethane	5.470	113	38763	50.91	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.82%			
50) Toluene-d8	8.694	98	136456	50.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.118	95	54571	51.73	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.46%			
Target Compounds					Qvalue	
3) Chloromethane	1.322	50	999	1.41	ug/l	97
5) Bromomethane	1.634	94	110	0.42	ug/l	87
10) Methyl Iodide	2.499	142	89	6.81	ug/l #	42
12) 1,1-Dichloroethene	2.358	96	199	0.34	ug/l #	70
13) Acrolein	2.258	56	58	5.01	ug/l	93
16) Acetone	2.423	43	746	2.05	ug/l #	87
17) Carbon Disulfide	2.552	76	436	0.27	ug/l #	75
18) Methyl Acetate	2.758	43	309	0.29	ug/l #	47
20) Methylene Chloride	2.834	84	235	0.33	ug/l #	60
21) trans-1,2-Dichloroethene	3.146	96	169	0.26	ug/l #	82
24) 1,1-Dichloroethane	3.664	63	474	0.38	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	7635	10.27	ug/l	98
30) Chloroform	5.170	83	1174	0.90	ug/l	87
31) Cyclohexane	5.623	56	1852	1.75	ug/l #	28
36) 1,1-Dichloropropene	5.629	75	5309	5.05	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6369	5.64	ug/l #	16
39) Methylcyclohexane	7.194	83	635	0.55	ug/l #	1
42) 1,2-Dichloroethane	6.158	62	749	0.58	ug/l #	73
44) Trichloroethene	7.188	130	40438	51.38	ug/l	93
49) 1,4-Dioxane	7.735	88	18	0.96	ug/l #	24
76) 1,2,3-Trichloropropane	11.118	75	30344	26.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30344	79.62	ug/l #	12

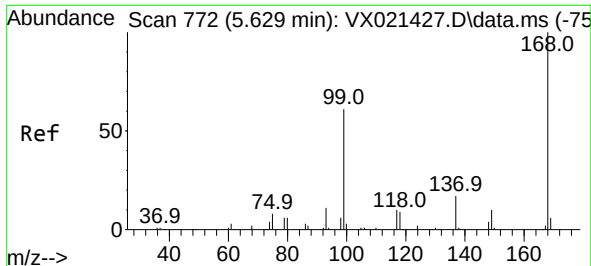
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
Data File : VX021674.D
Acq On : 31 Mar 2021 11:22
Operator : JC/MD
Sample : M1842-08DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 01 03:22:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

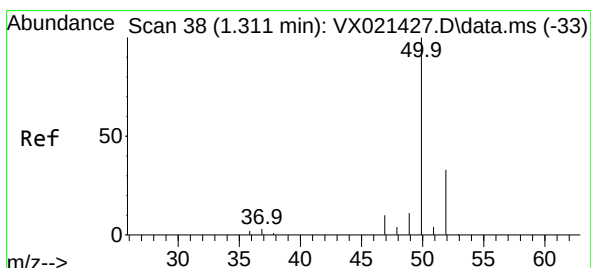
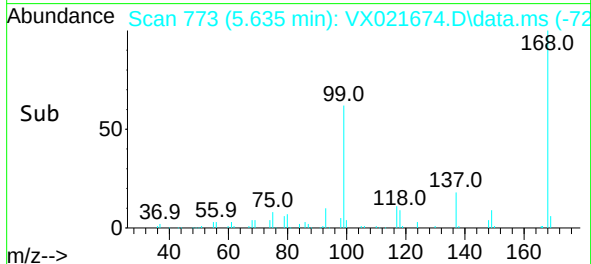
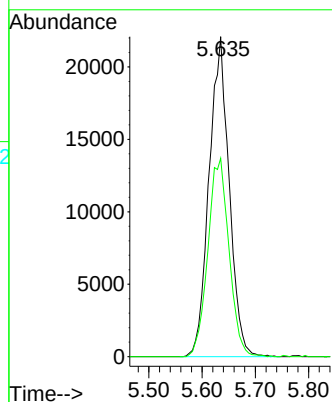
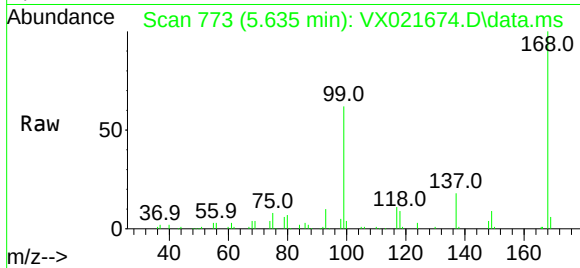




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

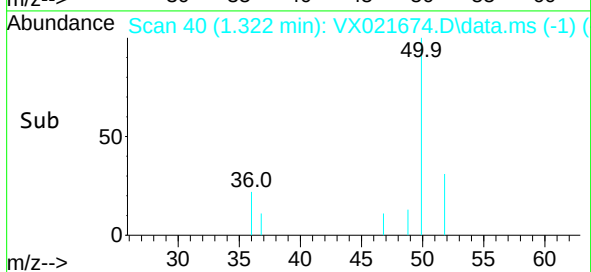
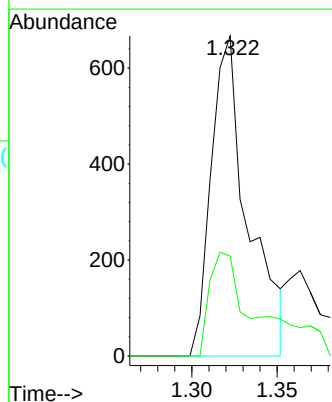
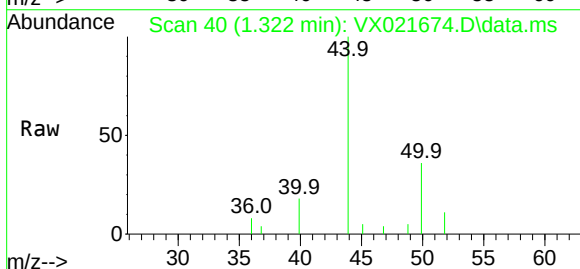
Instrument :
MSVOA_X
ClientSampleId :

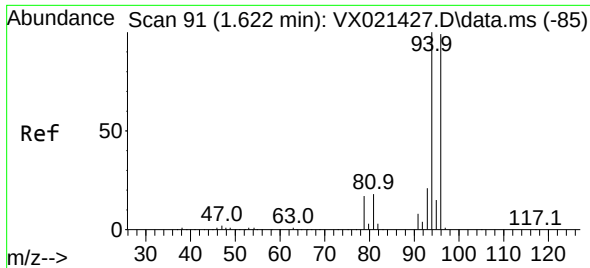
Tgt Ion:168 Resp: 57821
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#3
Chloromethane
Concen: 1.41 ug/l
RT: 1.322 min Scan# 40
Delta R.T. 0.011 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

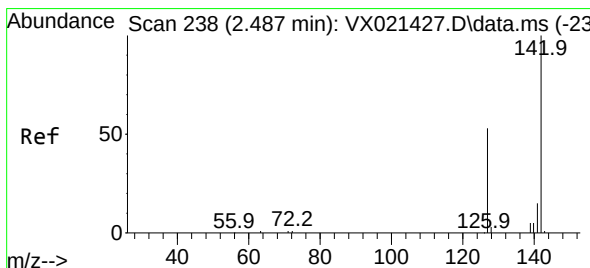
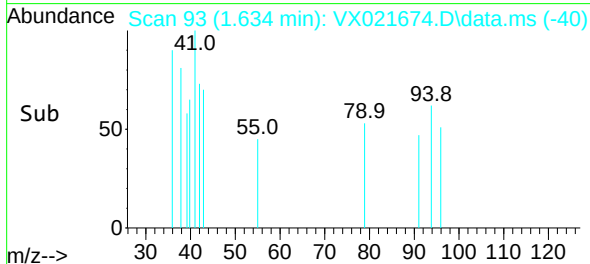
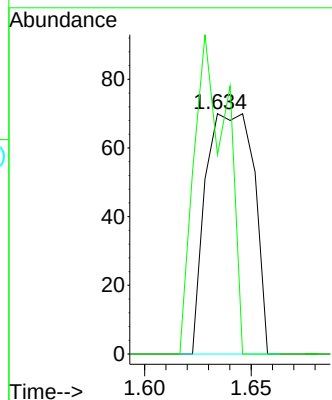
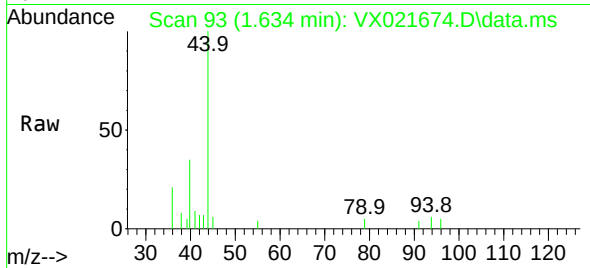




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

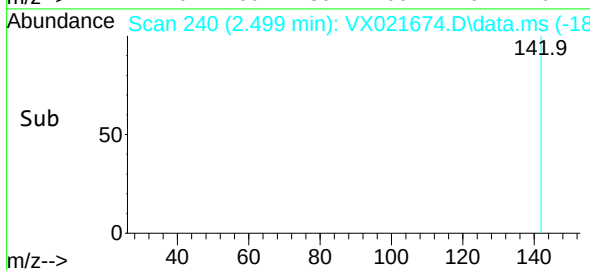
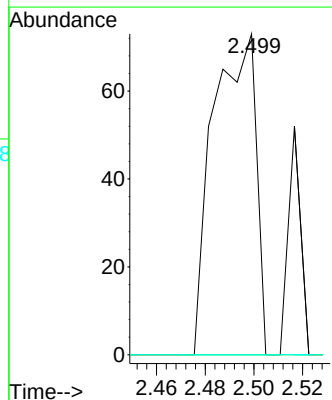
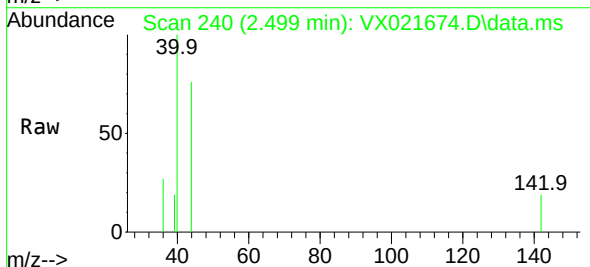
Instrument :
MSVOA_X
ClientSampled :

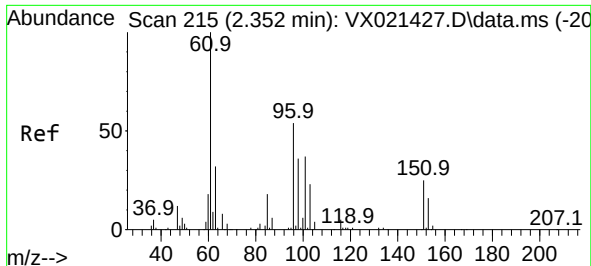
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 82.9 76.4 114.6



#10
Methyl Iodide
Concen: 6.81 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

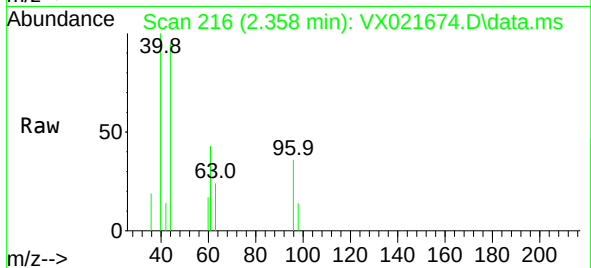
Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



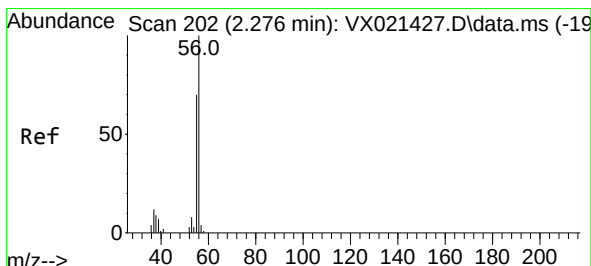
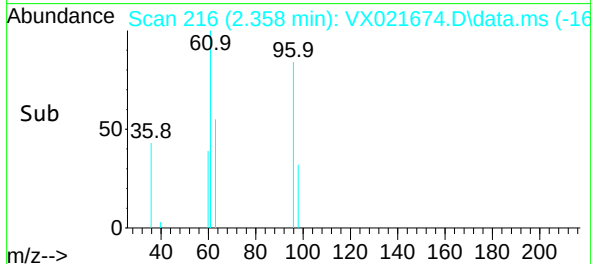
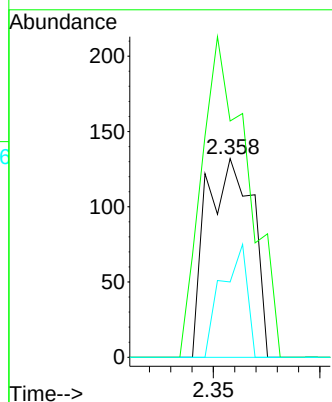


#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Instrument :
MSVOA_X
ClientSampled :

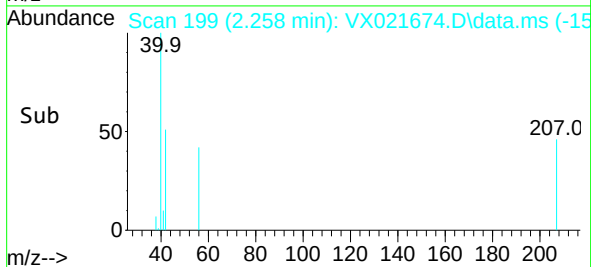
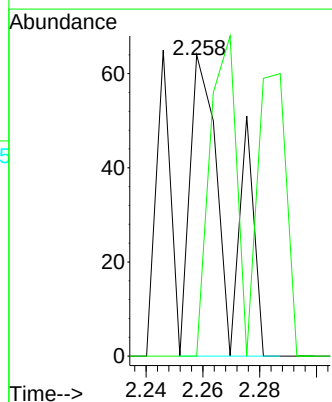
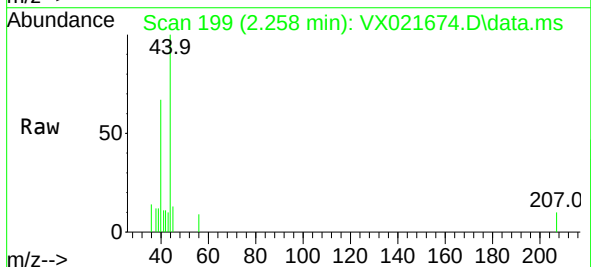


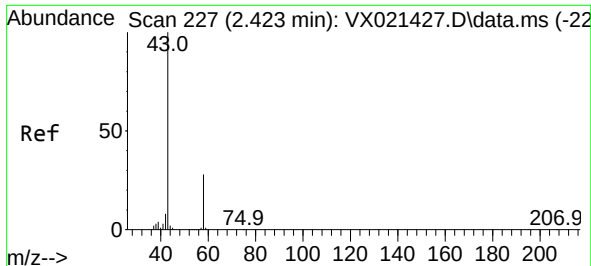
Tgt Ion: 96 Resp: 199
Ion Ratio Lower Upper
96 100
61 118.9 124.6 187.0#
98 37.9 50.6 76.0#



#13
Acrolein
Concen: 5.01 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

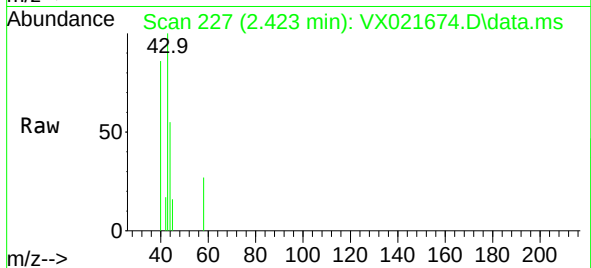
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 75.9 56.4 84.6



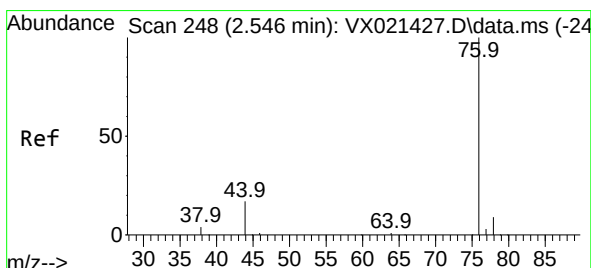
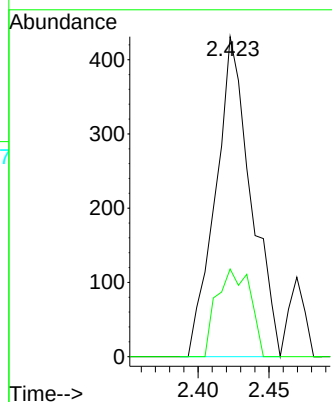
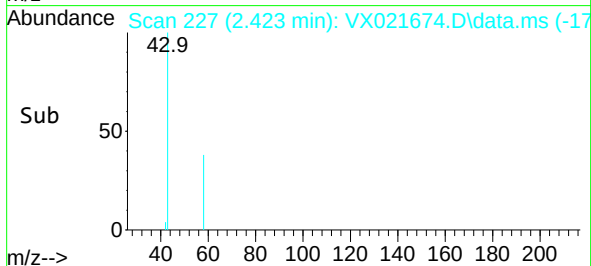


#16
Acetone
Concen: 2.05 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

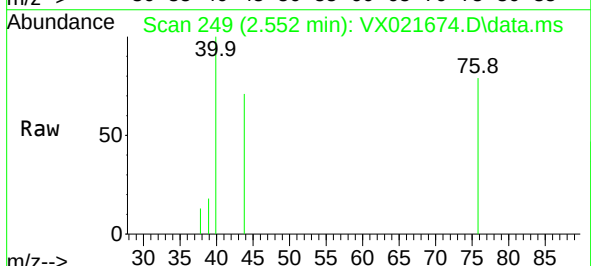
Instrument :
MSVOA_X
ClientSampled :



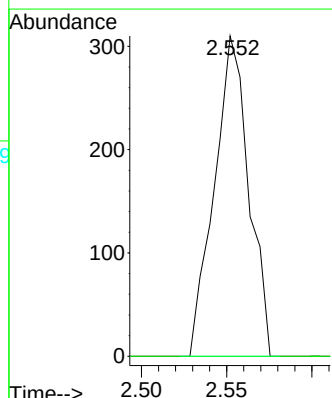
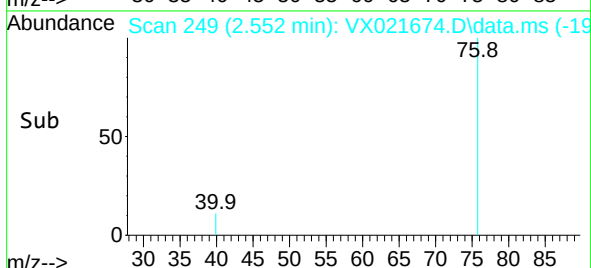
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#

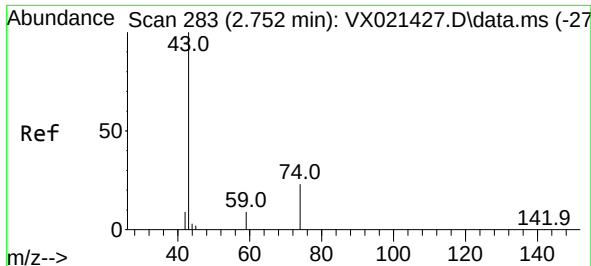


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22



Tgt Ion: 76 Resp: 436
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

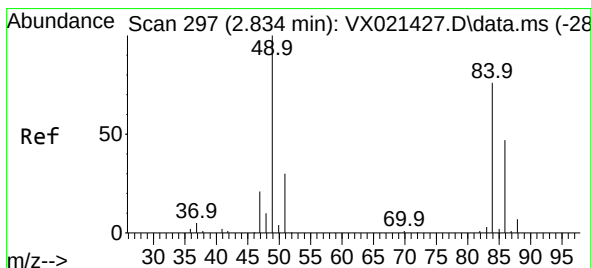
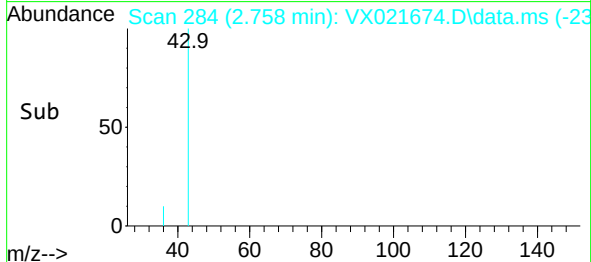
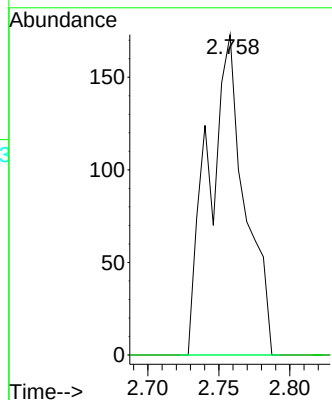
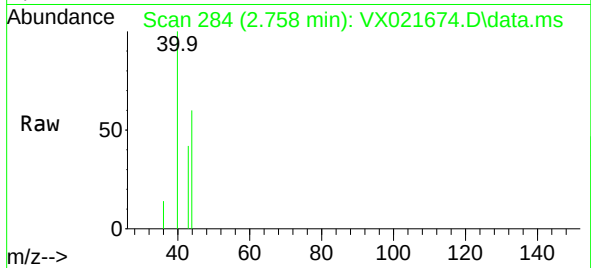




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

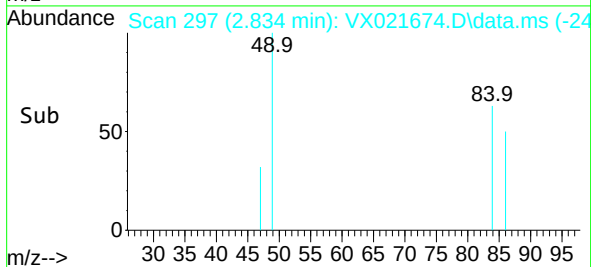
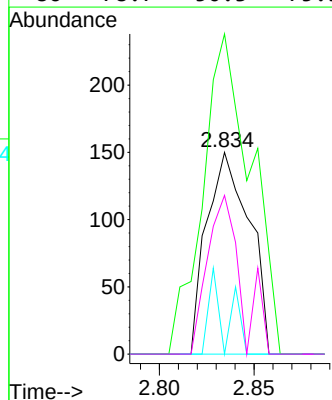
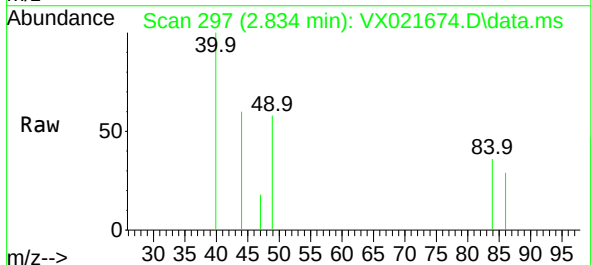
Instrument :
MSVOA_X
ClientSampled :

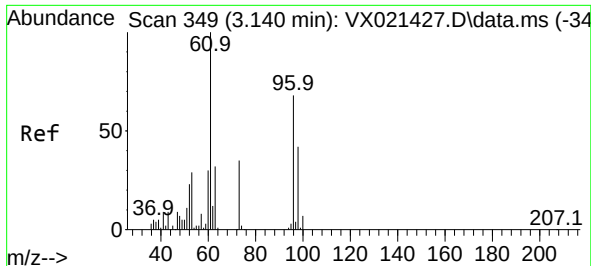
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

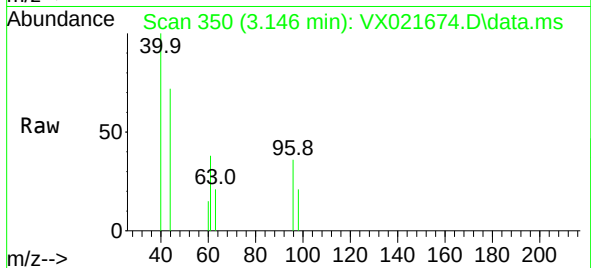
Tgt Ion: 84 Resp: 235
Ion Ratio Lower Upper
84 100
49 158.7 88.6 132.8#
51 0.0 27.0 40.6#
86 78.7 50.3 75.5#



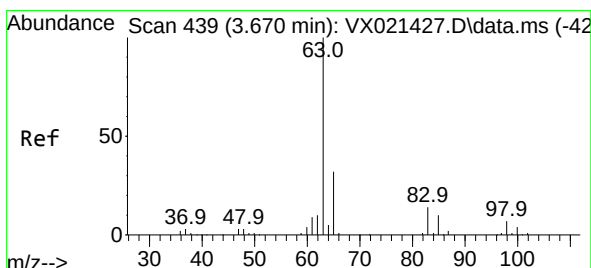
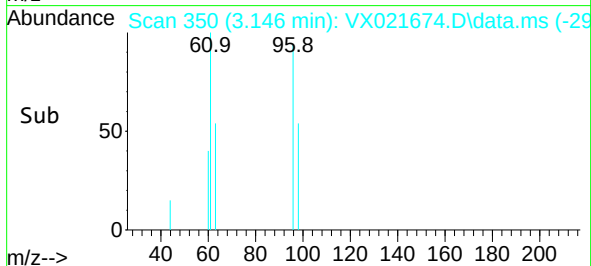
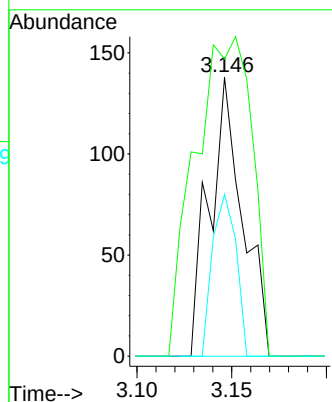


#21
trans-1,2-Dichloroethene
Concen: 0.26 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Instrument :
MSVOA_X
ClientSampleId :

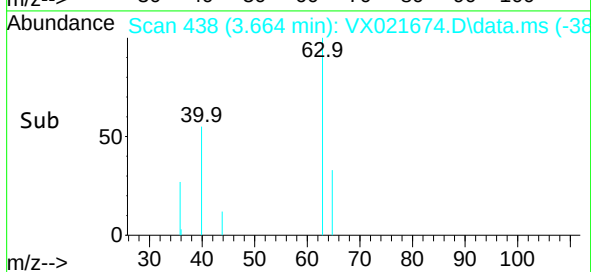
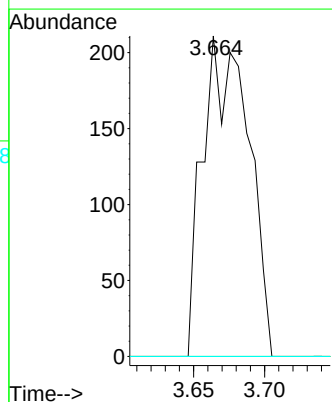
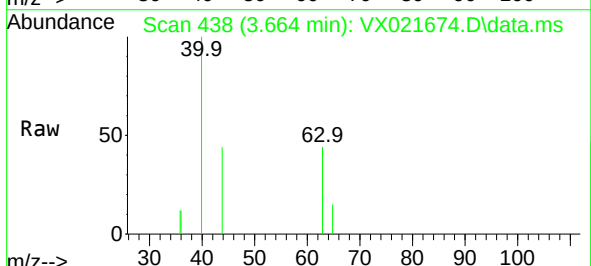


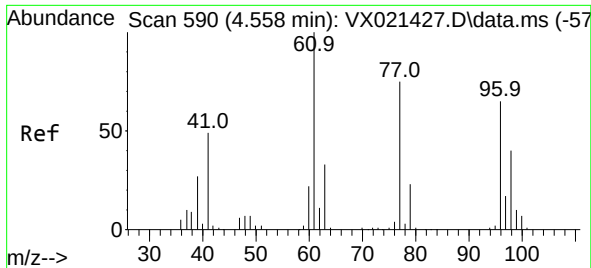
Tgt Ion: 96 Resp: 169
Ion Ratio Lower Upper
96 100
61 106.5 107.7 161.5#
98 58.0 50.4 75.6



#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 63 Resp: 474
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 10.27 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.006 min

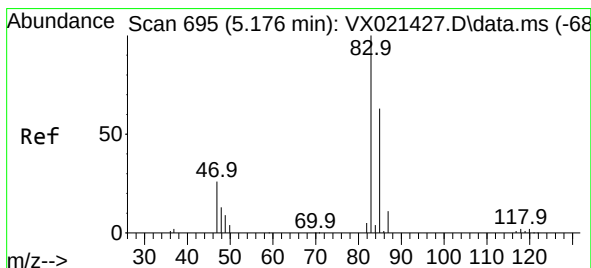
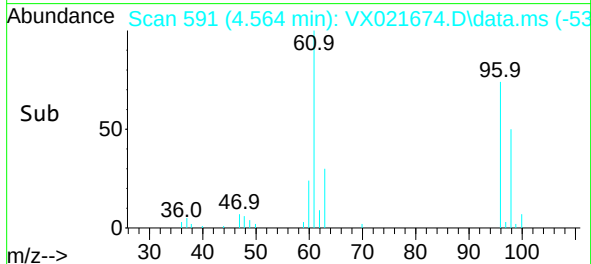
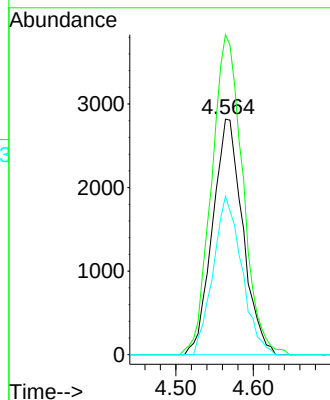
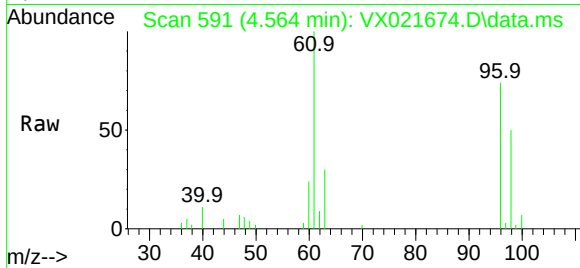
Lab File: VX021674.D

Acq: 31 Mar 2021 11:22

Tgt Ion: 96 Resp: 7635

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	285.6
98	63.9	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#30

Chloroform

Concen: 0.90 ug/l

RT: 5.170 min Scan# 694

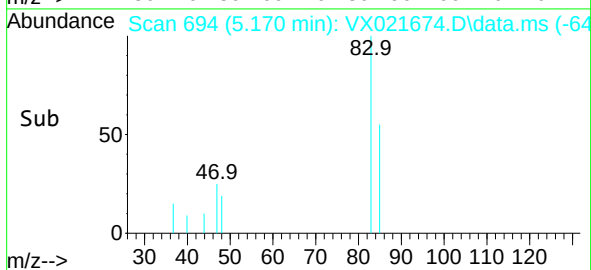
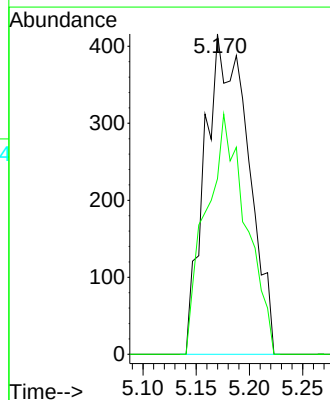
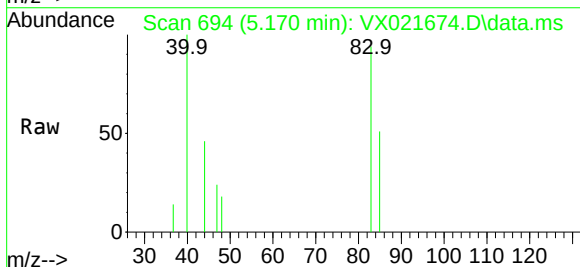
Delta R.T. -0.006 min

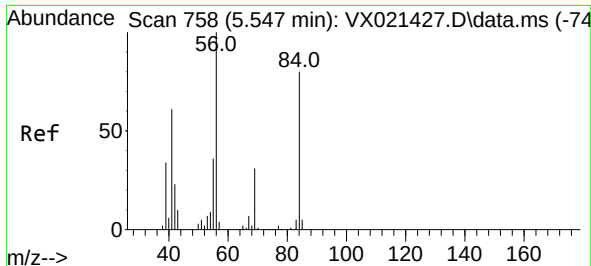
Lab File: VX021674.D

Acq: 31 Mar 2021 11:22

Tgt Ion: 83 Resp: 1174

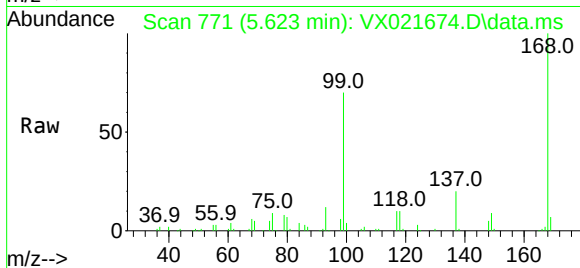
Ion	Ratio	Lower	Upper
83	100		
85	54.8	52.0	78.0



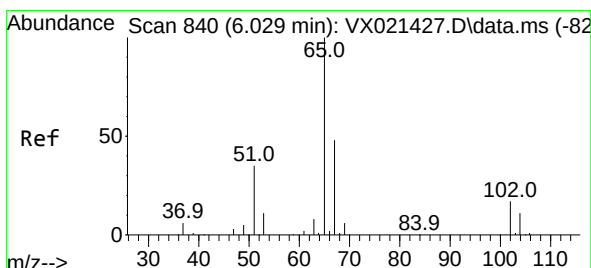
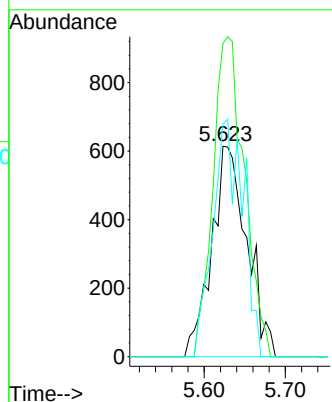
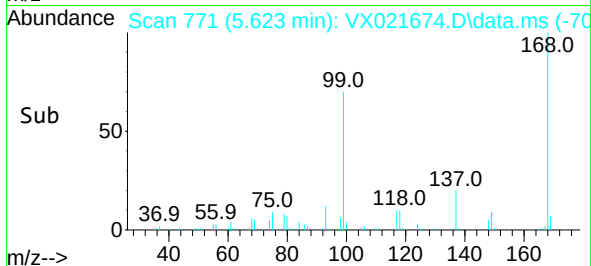


#31
Cyclohexane
Concen: 1.75 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

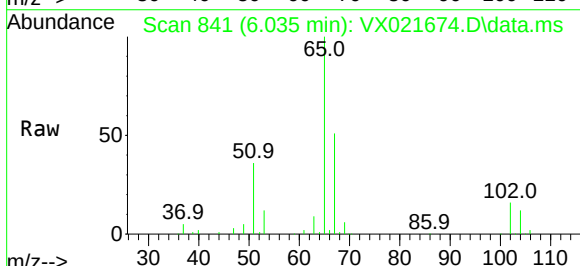
Instrument :
MSVOA_X
ClientSampleId :



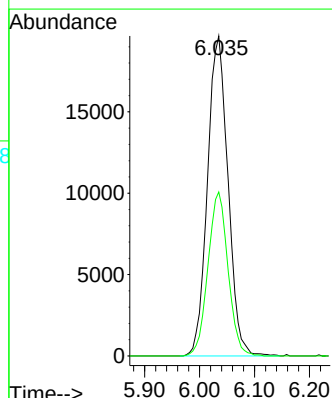
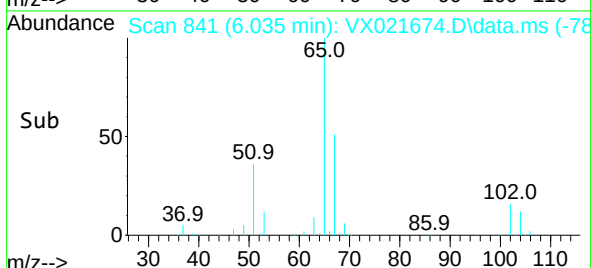
Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
69 148.9 25.3 37.9#
84 110.7 71.4 107.0#

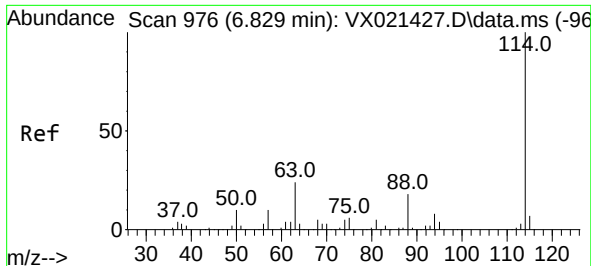


#33
1,2-Dichloroethane-d4
Concen: 53.00 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22



Tgt Ion: 65 Resp: 50988
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

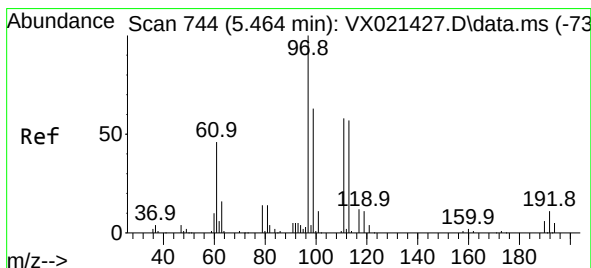
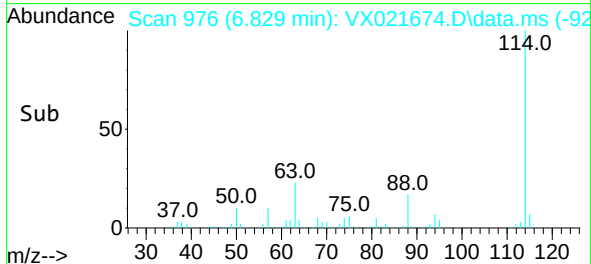
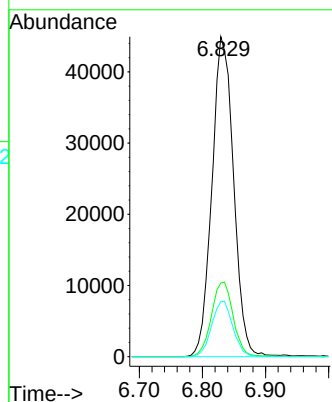
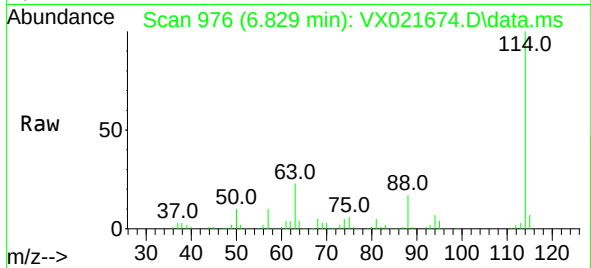




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

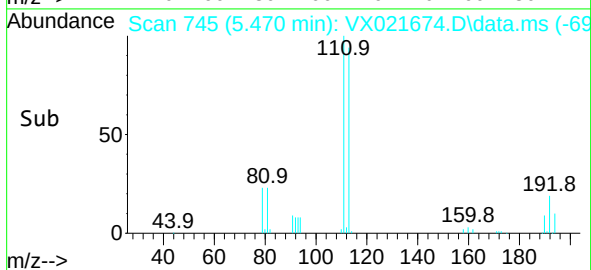
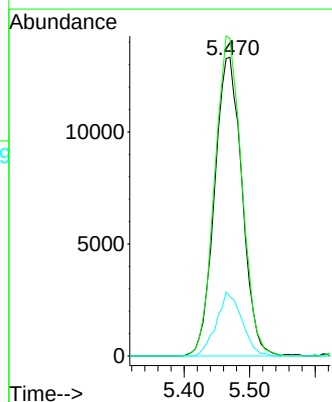
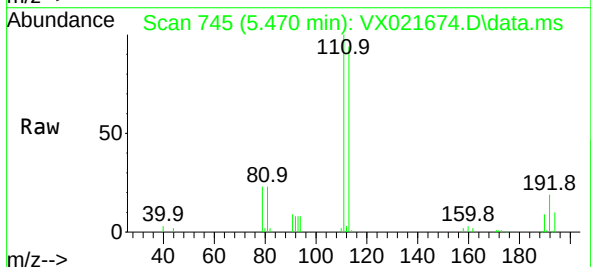
Instrument :
MSVOA_X
ClientSampleId :

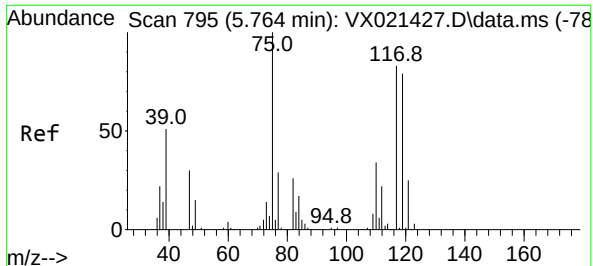
Tgt Ion:114 Resp: 107193
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:113 Resp: 38763
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 19.8 16.7 25.1

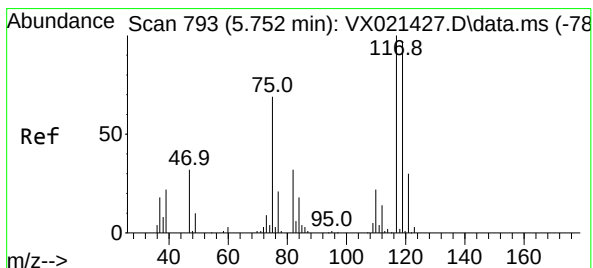
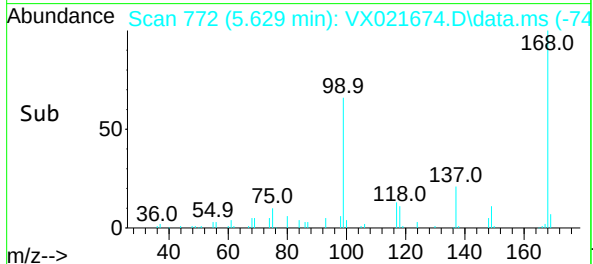
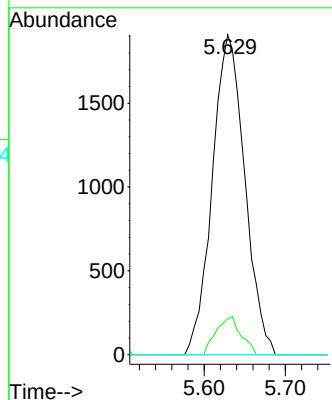
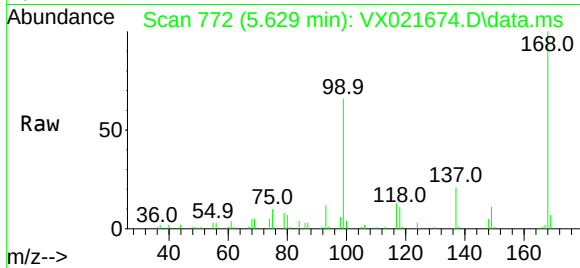




#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

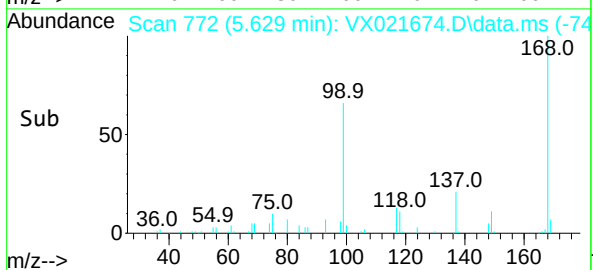
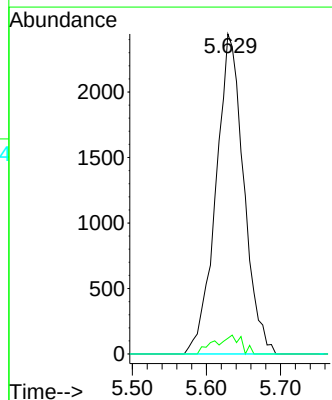
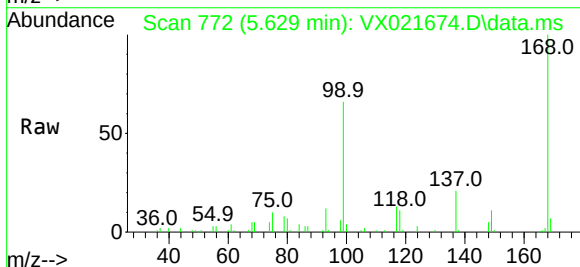
Instrument :
MSVOA_X
ClientSampleId :

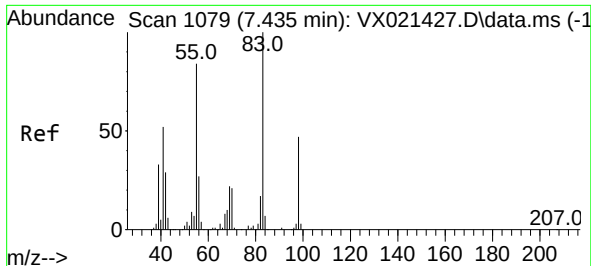
Tgt Ion: 75 Resp: 5309
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 117 Resp: 6369
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.55 ug/l

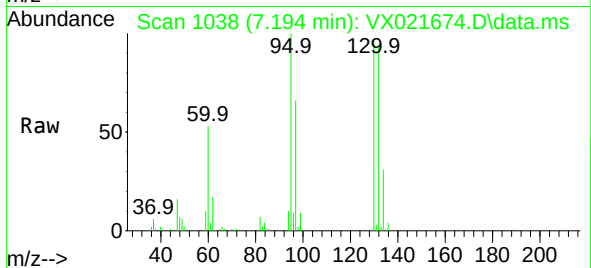
RT: 7.194 min Scan# 1038

Delta R.T. -0.241 min

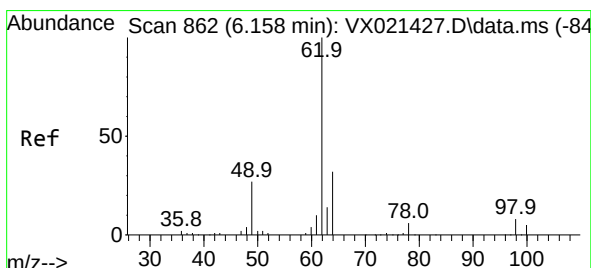
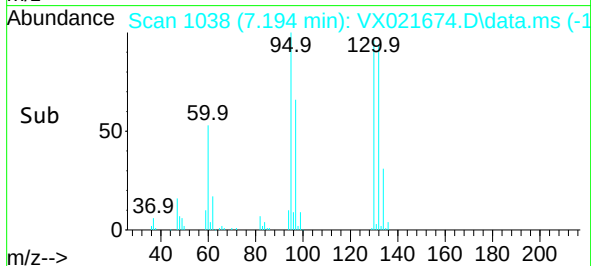
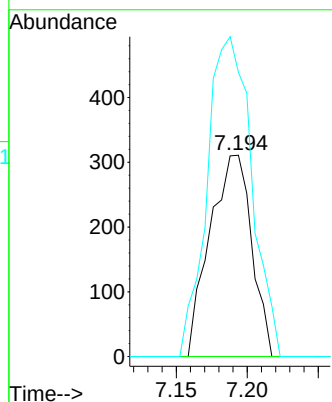
Lab File: VX021674.D

Acq: 31 Mar 2021 11:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	83	Resp:	635
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	141.2	38.1	57.1#



#42

1,2-Dichloroethane

Concen: 0.58 ug/l

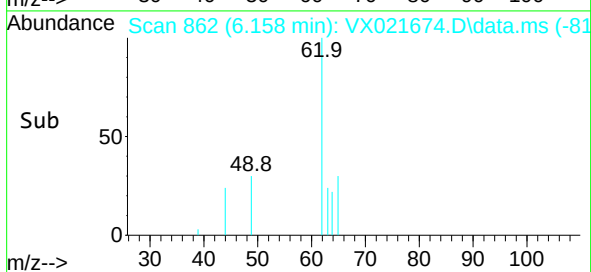
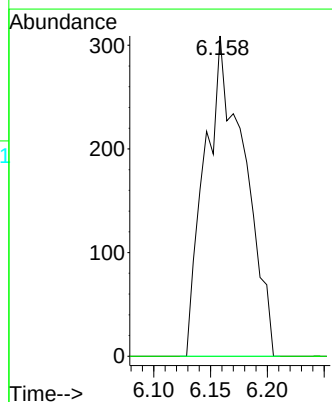
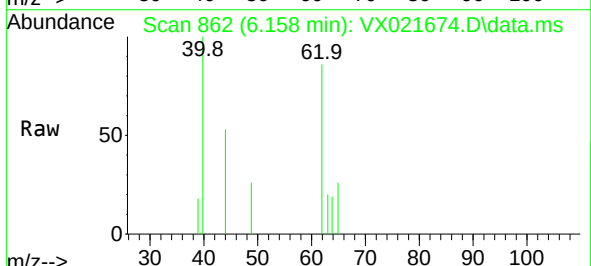
RT: 6.158 min Scan# 862

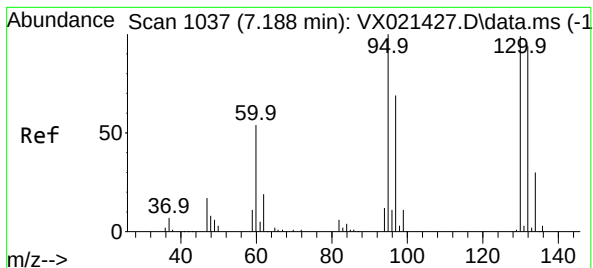
Delta R.T. 0.000 min

Lab File: VX021674.D

Acq: 31 Mar 2021 11:22

Tgt Ion:	62	Resp:	749
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





#44

Trichloroethene

Concen: 51.38 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

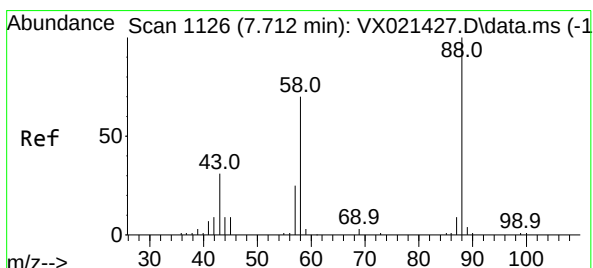
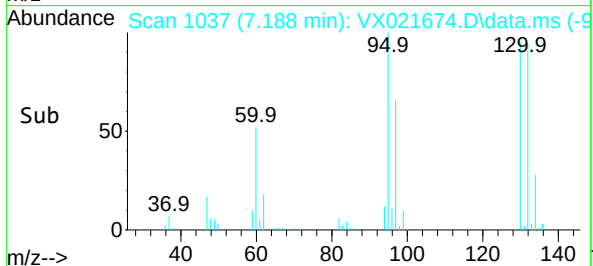
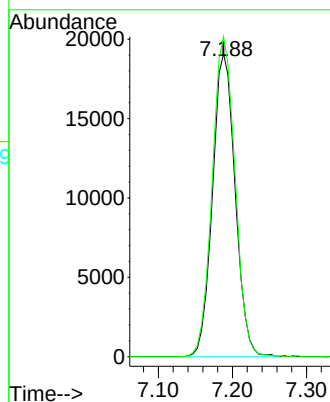
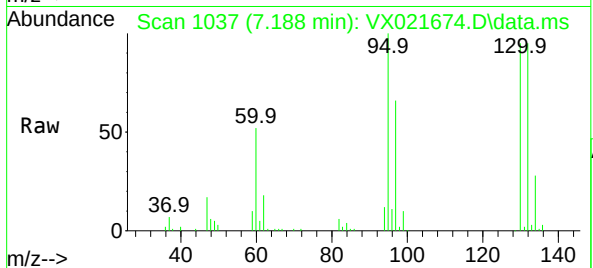
Lab File: VX021674.D

Acq: 31 Mar 2021 11:22

Tgt Ion:130 Resp: 40438

Ion Ratio Lower Upper

130	100		
95	105.6	0.0	198.0



#49

1,4-Dioxane

Concen: 0.96 ug/l

RT: 7.735 min Scan# 1130

Delta R.T. 0.023 min

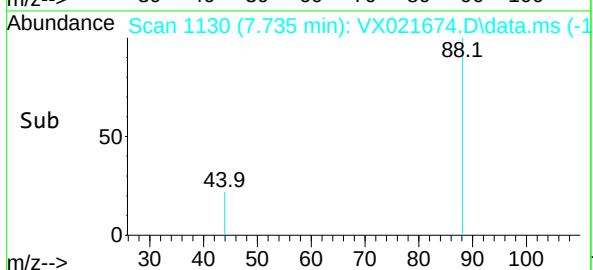
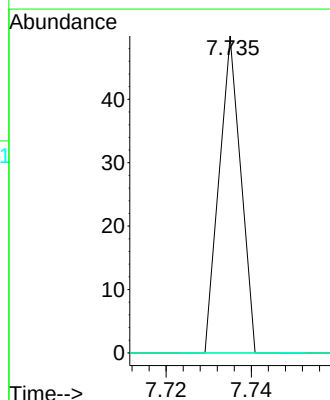
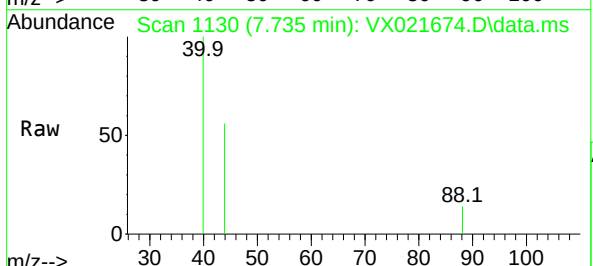
Lab File: VX021674.D

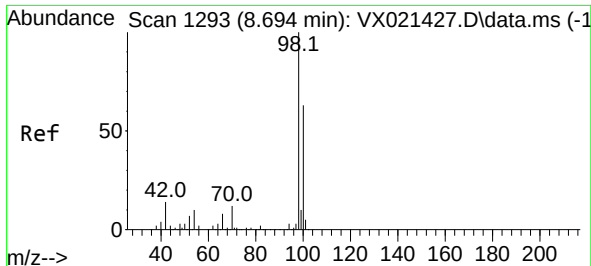
Acq: 31 Mar 2021 11:22

Tgt Ion: 88 Resp: 18

Ion Ratio Lower Upper

88	100		
43	0.0	23.2	34.8#
58	0.0	55.0	82.4#

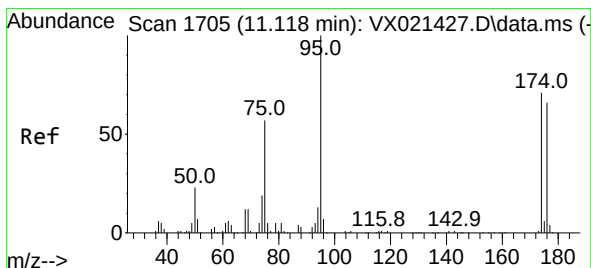
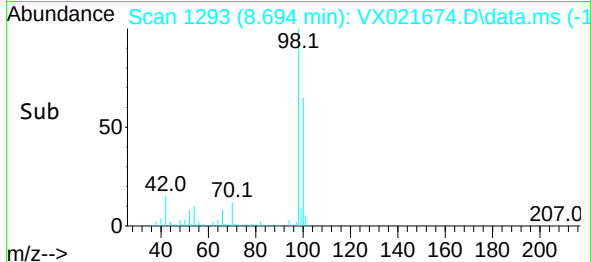
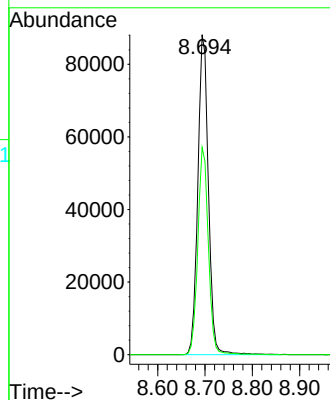
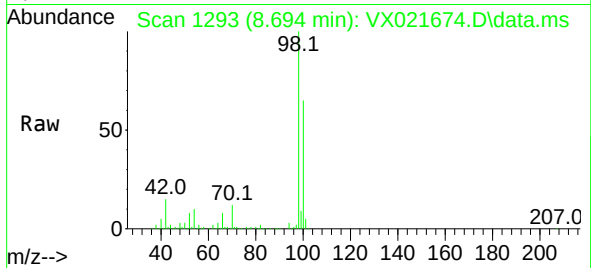




#50
Toluene-d8
Concen: 50.29 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

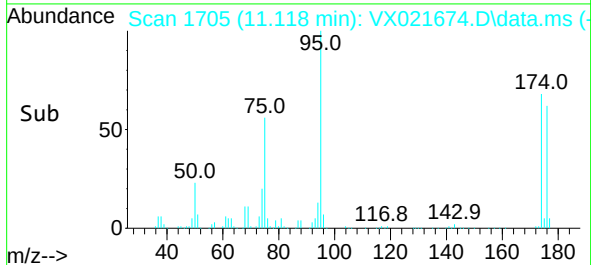
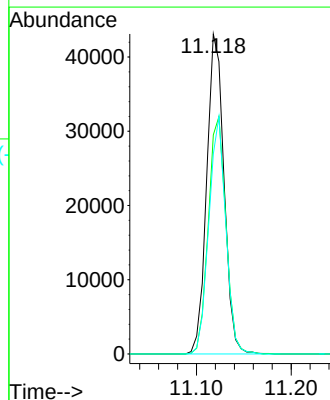
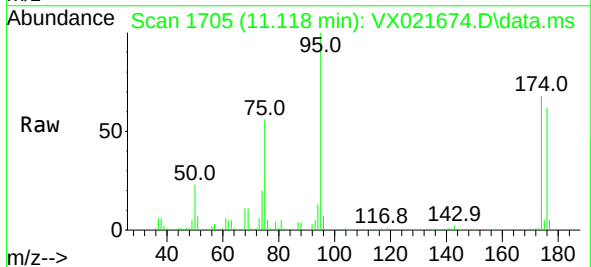
Instrument :
MSVOA_X
ClientSampleId :

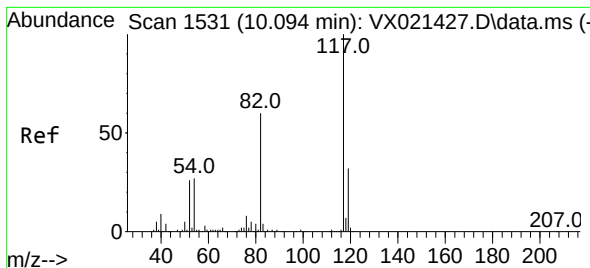
Tgt Ion: 98 Resp: 136456
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 95 Resp: 54571
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.6
176 72.8 0.0 155.8

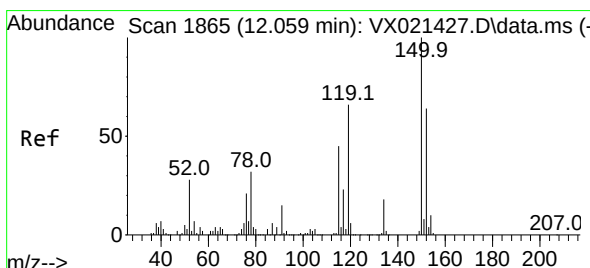
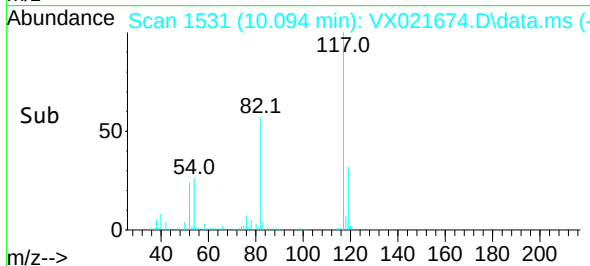
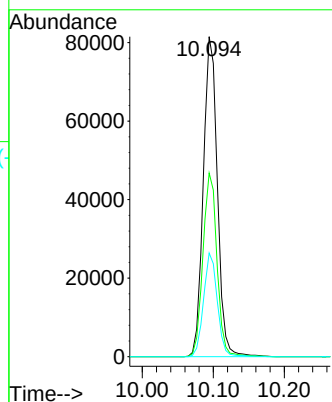
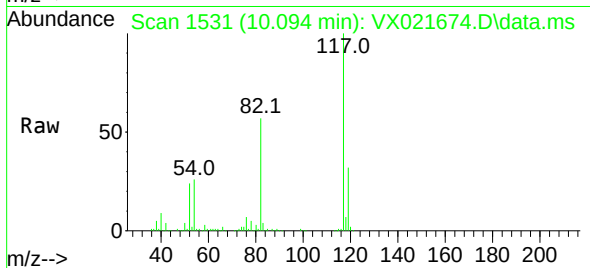




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

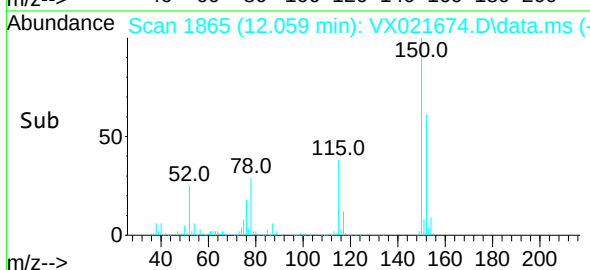
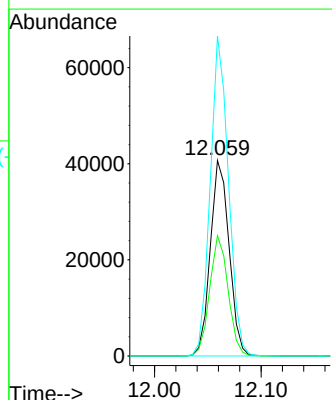
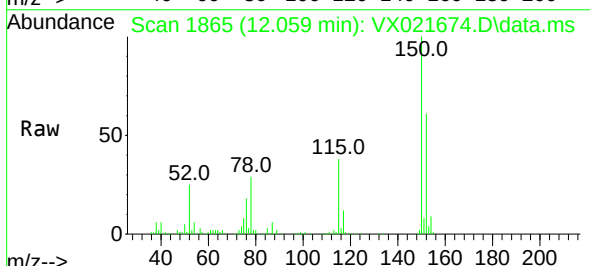
Instrument :
MSVOA_X
ClientSampled :

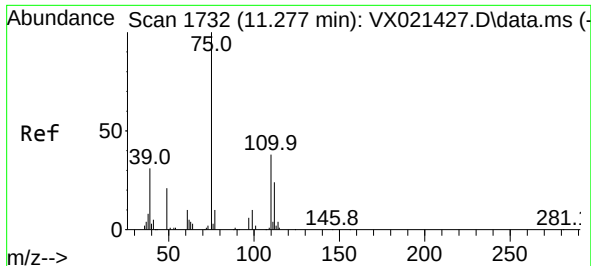
Tgt Ion:117 Resp: 112688
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion:152 Resp: 49867
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 158.1 0.0 349.0

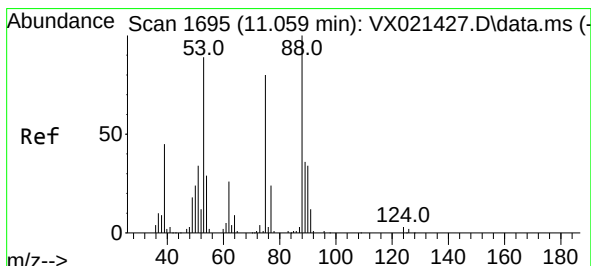
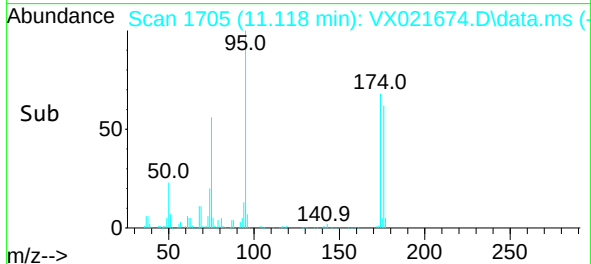
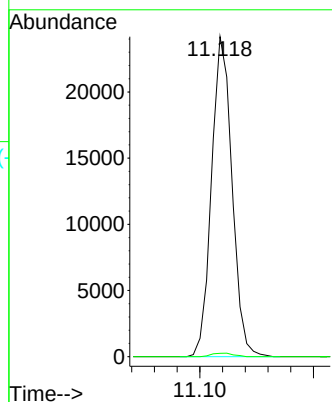
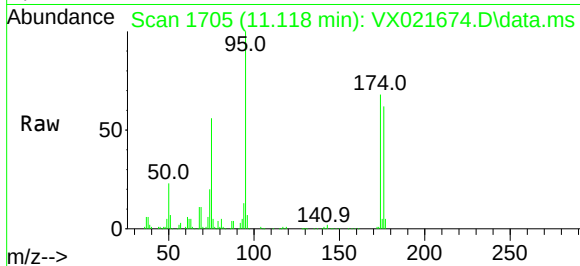




#76
1,2,3-Trichloropropane
Concen: 26.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30344
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021674.D
Acq: 31 Mar 2021 11:22

Tgt Ion: 75 Resp: 30344
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

