

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021358.D
 Acq On : 22 Mar 2021 15:15
 Operator : JC/MD
 Sample : M1735-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

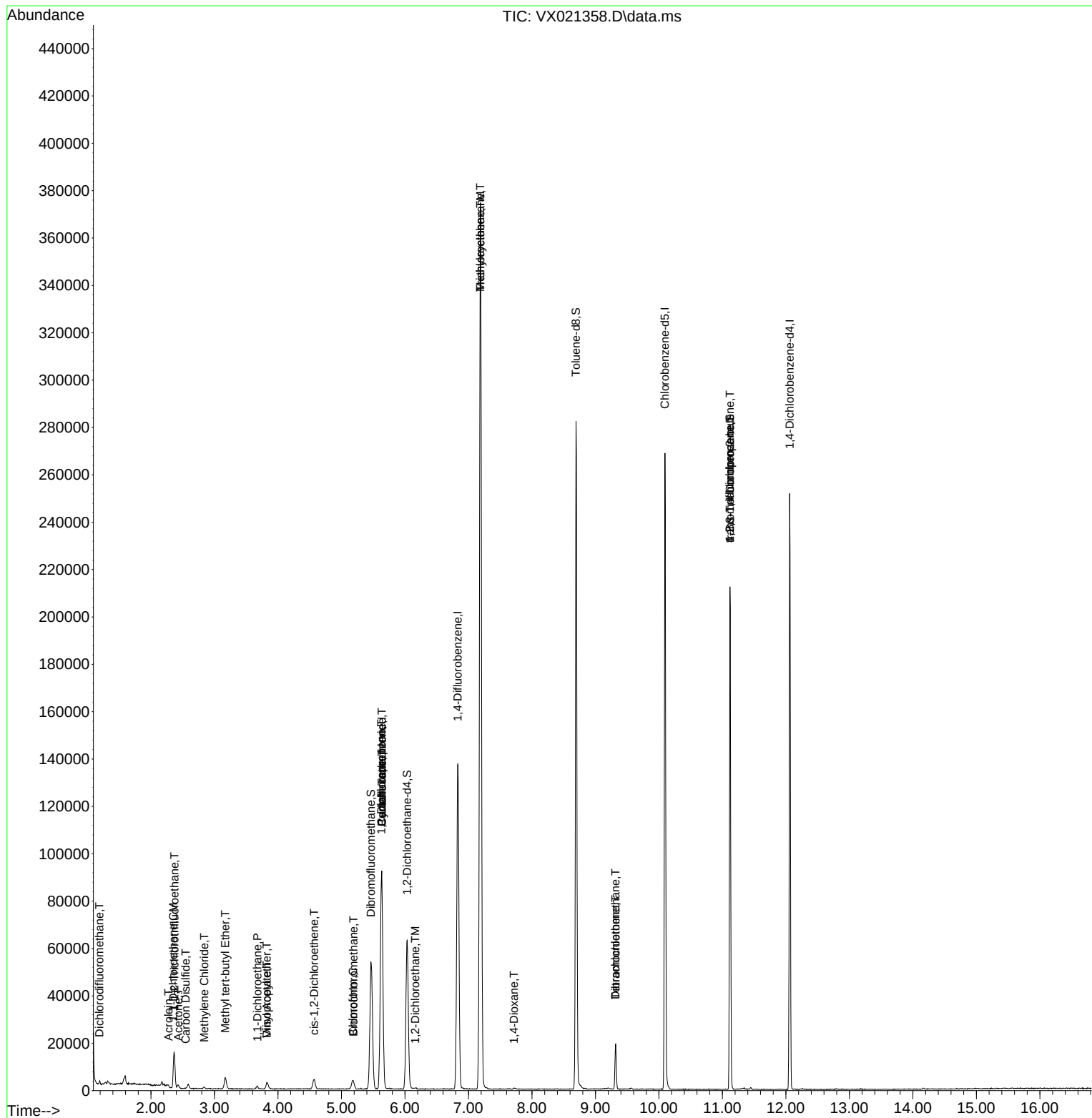
Internal Standards						
1) Pentafluorobenzene	5.635	168	79904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	62474	47.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.34%
35) Dibromofluoromethane	5.464	113	44554	50.34	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.68%
50) Toluene-d8	8.694	98	158107	49.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.46%
62) 4-Bromofluorobenzene	11.118	95	55447	44.46	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.92%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	384	0.40	ug/l	100
3) Chloromethane	1.316	50	1648	Below Cal		96
9) 1,1,2-Trichlorotrifluo...	2.369	101	5153	6.17	ug/l	94
12) 1,1-Dichloroethene	2.352	96	987	1.21	ug/l #	87
13) Acrolein	2.275	56	18	3.26	ug/l #	1
16) Acetone	2.428	43	1737	3.60	ug/l #	81
17) Carbon Disulfide	2.546	76	119	0.59	ug/l #	75
19) Methyl tert-butyl Ether	3.170	73	4712	1.54	ug/l	98
20) Methylene Chloride	2.840	84	271	0.27	ug/l #	82
22) Diisopropyl ether	3.823	45	2594	0.80	ug/l #	84
23) Vinyl Acetate	3.823	43	1563	0.56	ug/l #	68
24) 1,1-Dichloroethane	3.676	63	1405	0.81	ug/l #	89
27) cis-1,2-Dichloroethene	4.570	96	2505	2.40	ug/l	97
28) Bromochloromethane	5.188	49	394	0.48	ug/l #	9
30) Chloroform	5.182	83	4201	2.32	ug/l	88
31) Cyclohexane	5.635	56	2264	1.43	ug/l #	40
36) 1,1-Dichloropropene	5.629	75	7202	5.50	ug/l #	48
38) Carbon Tetrachloride	5.635	117	8728	6.41	ug/l #	17
39) Methylcyclohexane	7.188	83	1940	1.33	ug/l #	1
42) 1,2-Dichloroethane	6.164	62	586	0.38	ug/l #	73
44) Trichloroethene	7.188	130	131277	136.84	ug/l	96
49) 1,4-Dioxane	7.717	88	363	5.00	ug/l #	90
60) Dibromochloromethane	9.317	129	3290	3.16	ug/l #	11
64) Tetrachloroethene	9.317	164	3148	3.73	ug/l	96
76) 1,2,3-Trichloropropane	11.118	75	31119	28.79	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31119	78.17	ug/l #	12

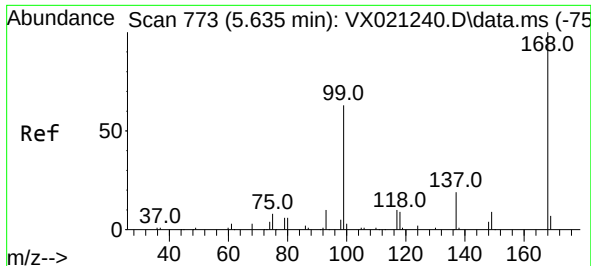
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
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Acq On : 22 Mar 2021 15:15
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

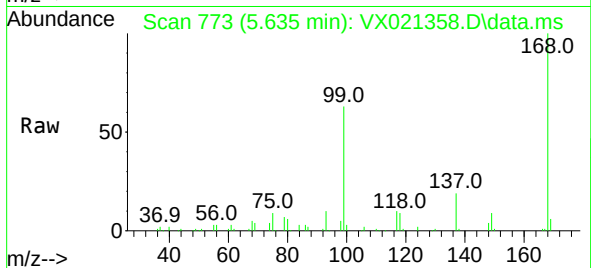
Quant Time: Mar 23 02:01:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



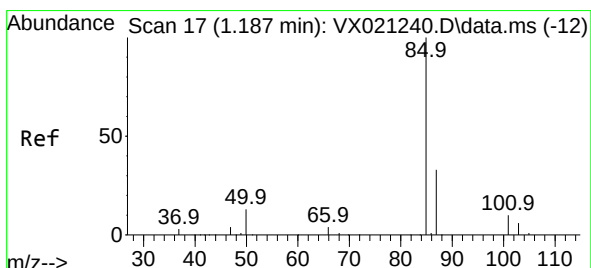
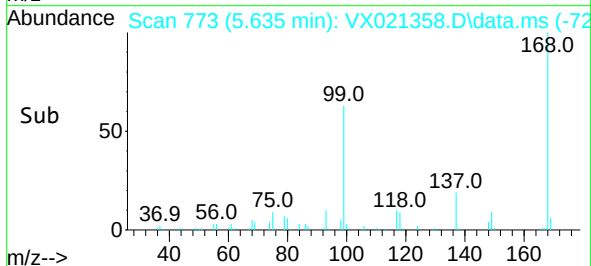
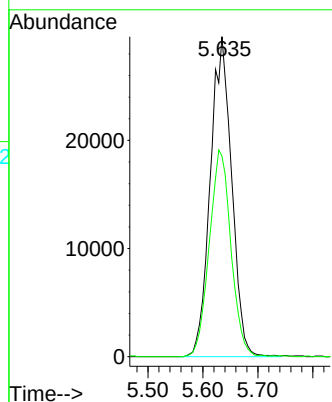


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

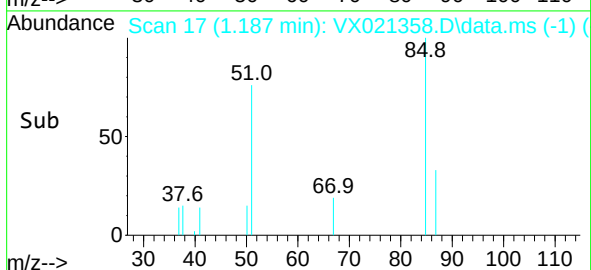
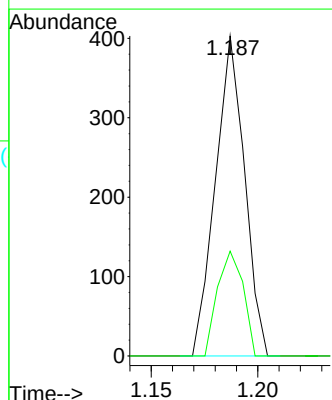
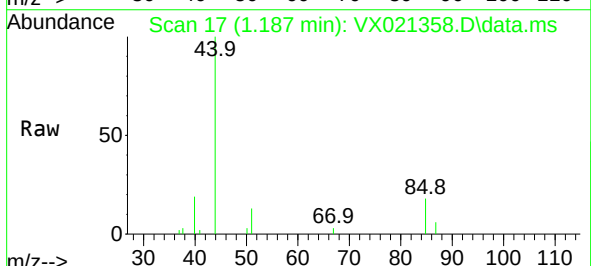


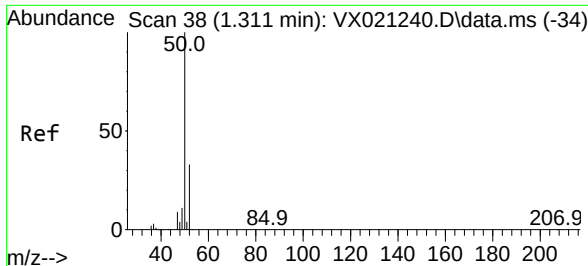
Tgt Ion:168 Resp: 79904
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.40 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

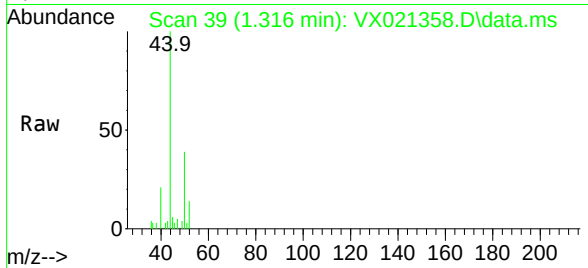
Tgt Ion: 85 Resp: 384
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2



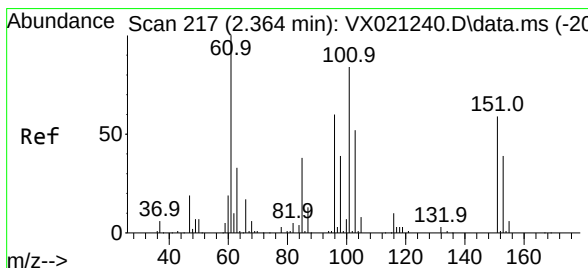
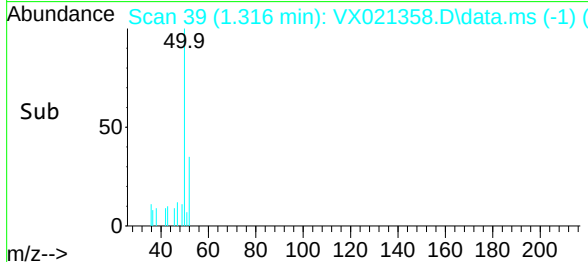
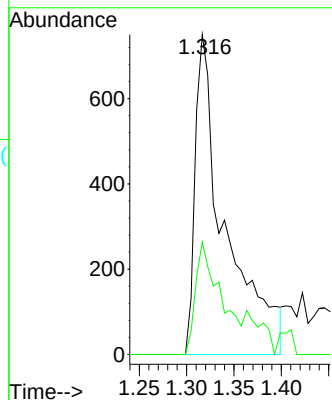


#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

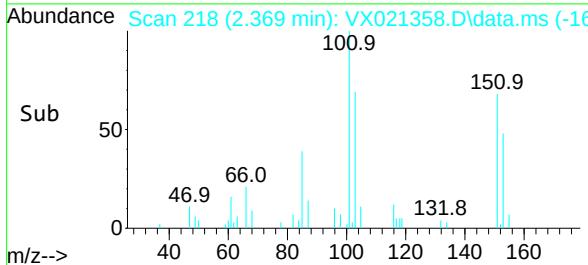
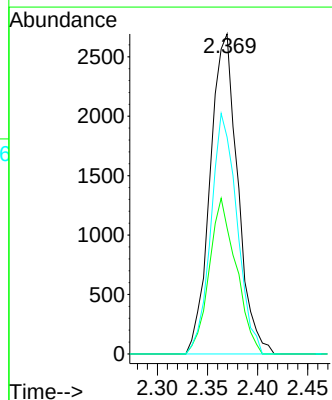
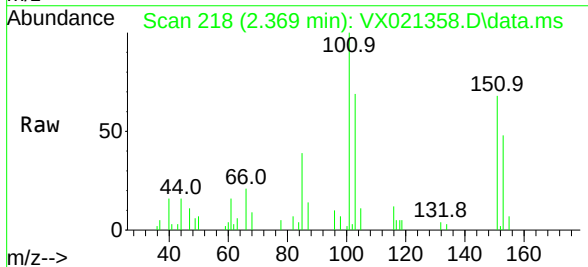


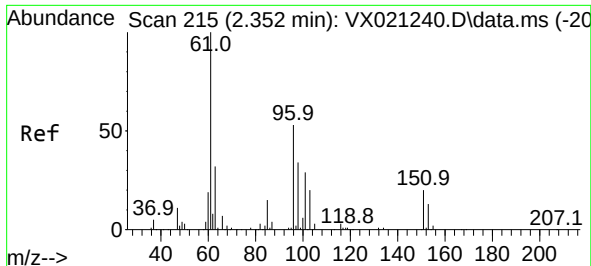
Tgt Ion: 50 Resp: 1648
Ion Ratio Lower Upper
50 100
52 35.2 26.4 39.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.17 ug/l
RT: 2.369 min Scan# 218
Delta R.T. 0.005 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

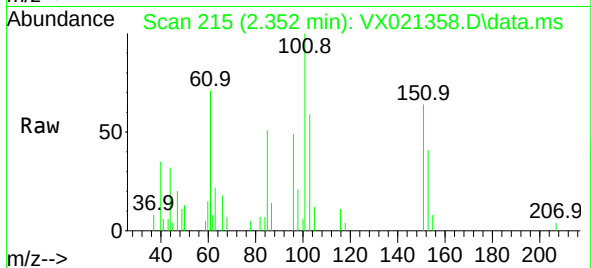
Tgt Ion: 101 Resp: 5153
Ion Ratio Lower Upper
101 100
85 47.4 34.9 52.3
151 71.0 61.4 92.2



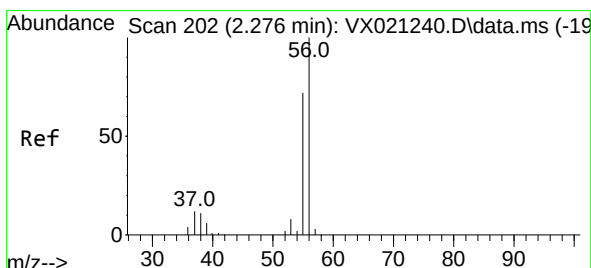
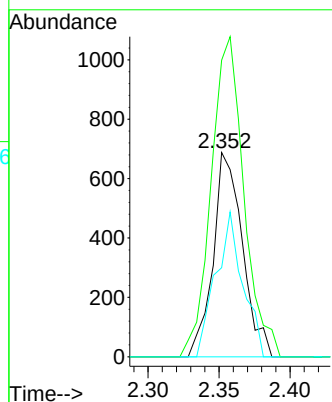
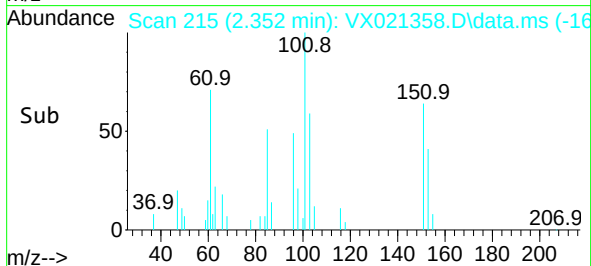


#12
1,1-Dichloroethene
Concen: 1.21 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

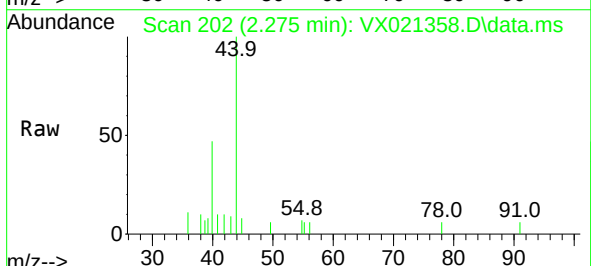
Instrument :
MSVOA_X
ClientSampleId :



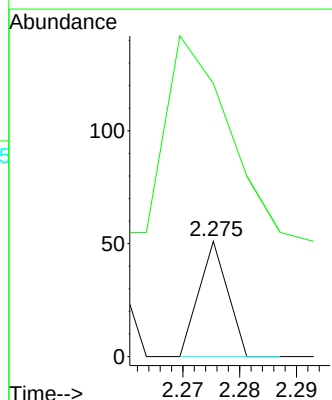
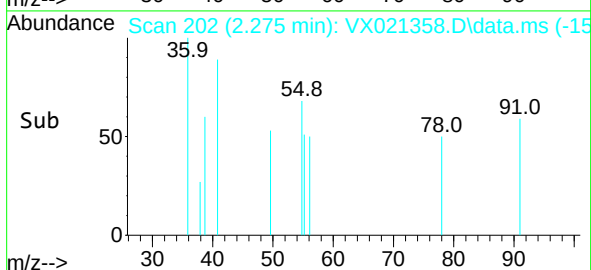
Tgt Ion: 96 Resp: 987
Ion Ratio Lower Upper
96 100
61 145.2 124.6 187.0
98 43.6 50.6 76.0#

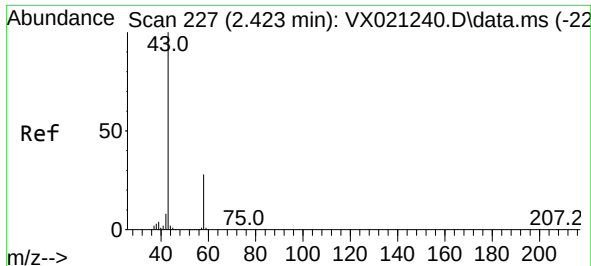


#13
Acrolein
Concen: 3.26 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15



Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 1211.1 56.4 84.6#

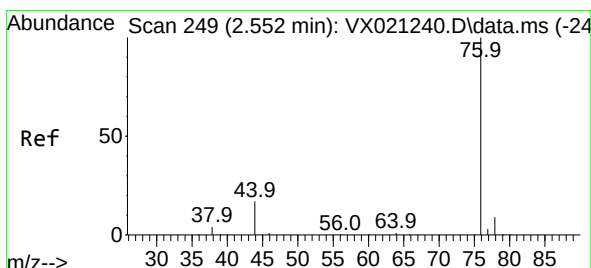
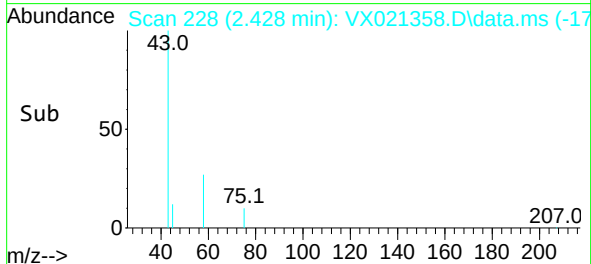
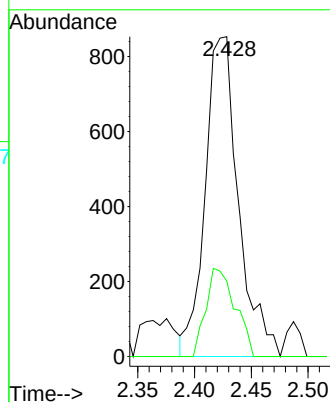
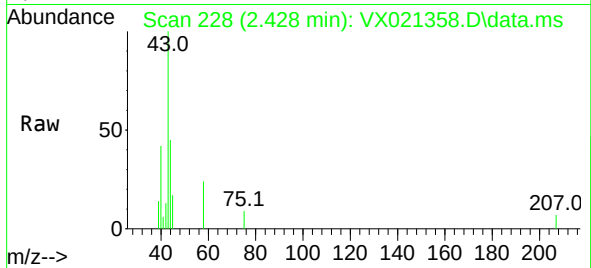




#16
Acetone
Concen: 3.60 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

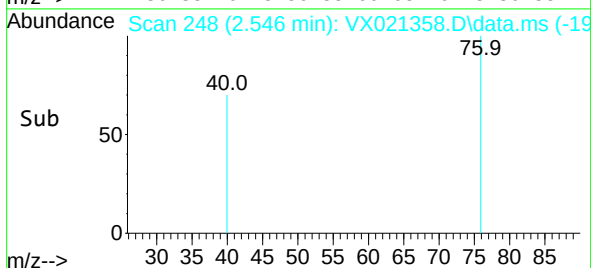
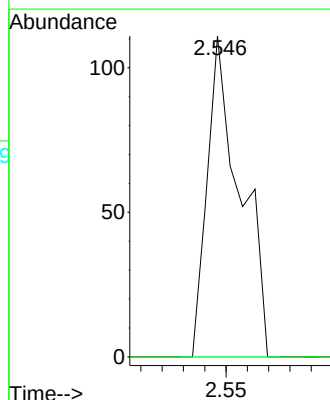
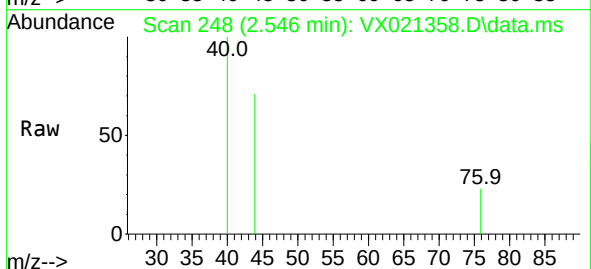
Instrument :
MSVOA_X
ClientSampled :

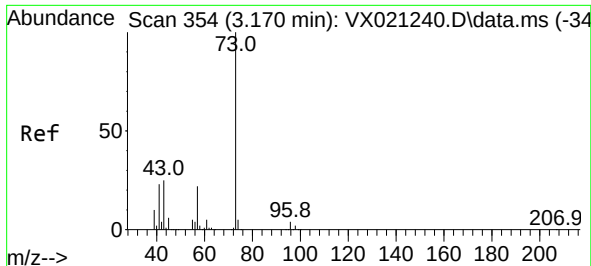
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion: 76 Resp: 119
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

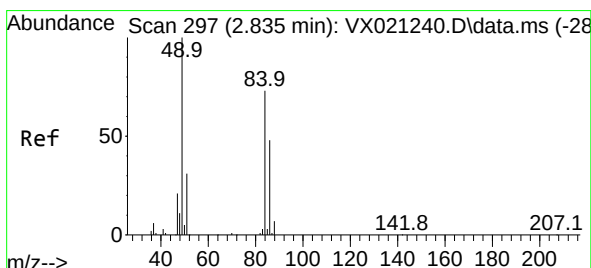
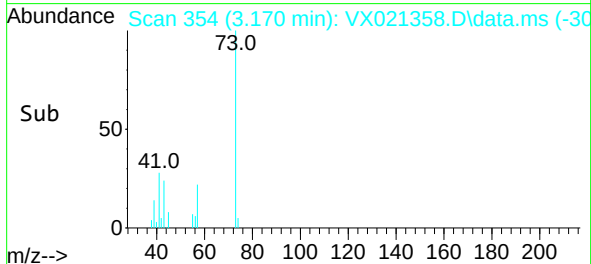
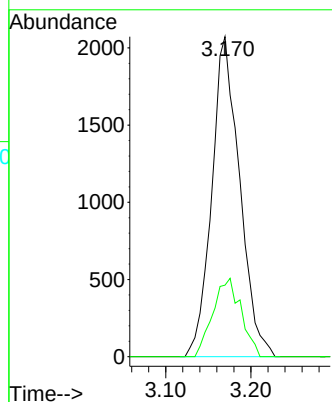
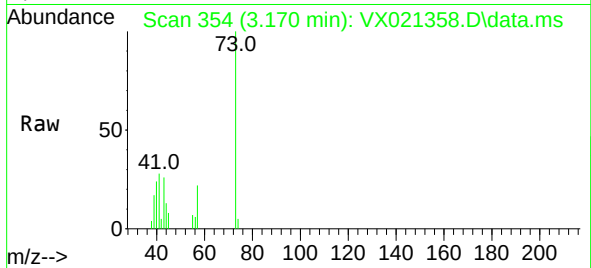




#19
Methyl tert-butyl Ether
Concen: 1.54 ug/l
RT: 3.170 min Scan# 354
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

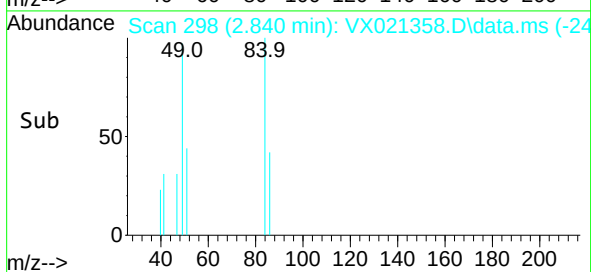
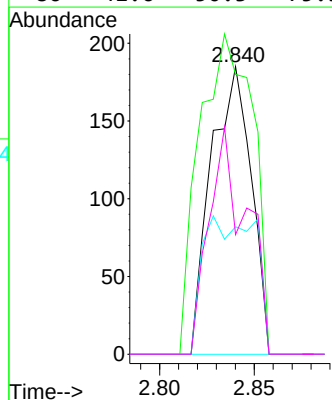
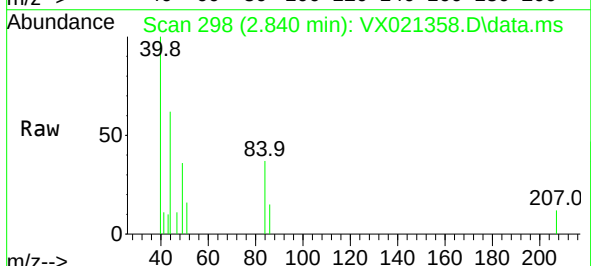
Instrument :
MSVOA_X
ClientSampled :

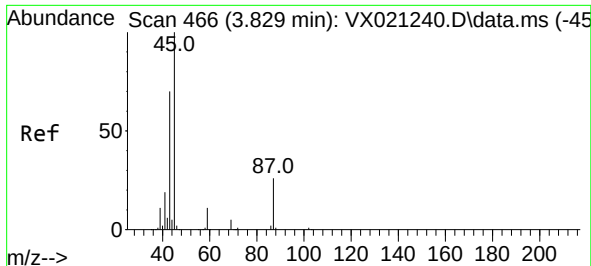
Tgt Ion: 73 Resp: 4712
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

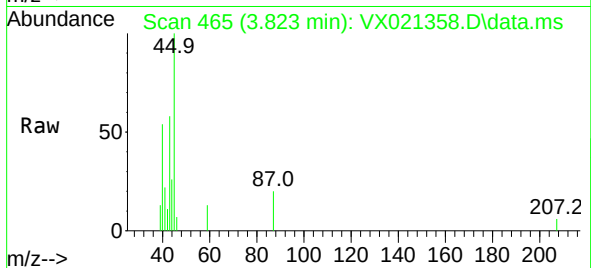
Tgt Ion: 84 Resp: 271
Ion Ratio Lower Upper
84 100
49 97.3 88.6 132.8
51 44.3 27.0 40.6#
86 41.6 50.3 75.5#



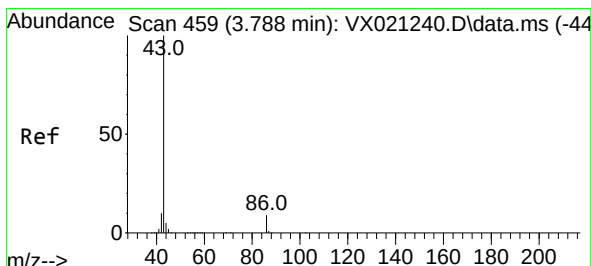
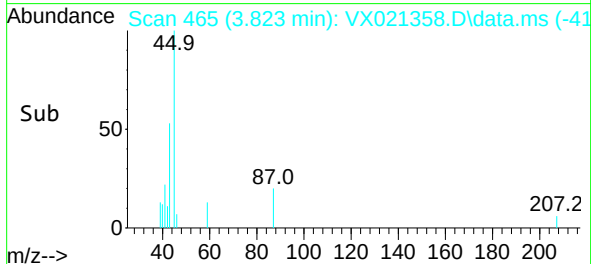
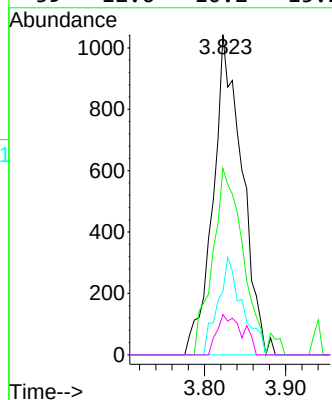


#22
Diisopropyl ether
Concen: 0.80 ug/l
RT: 3.823 min Scan# 465
Delta R.T. -0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampleId :

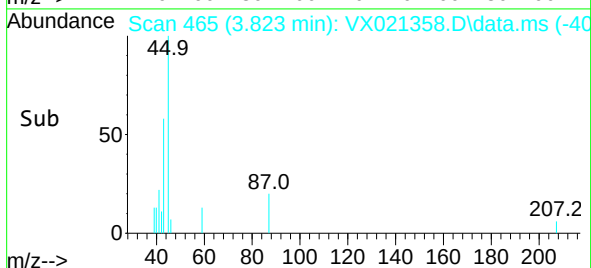
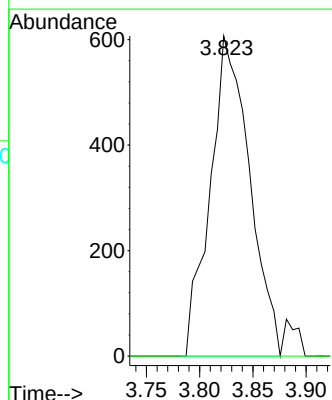
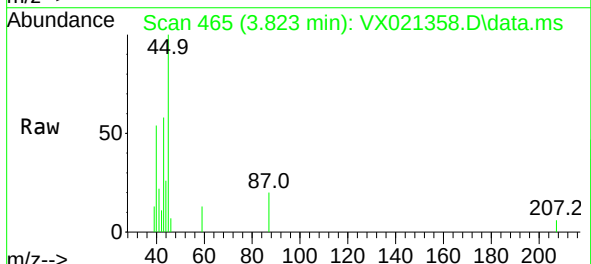


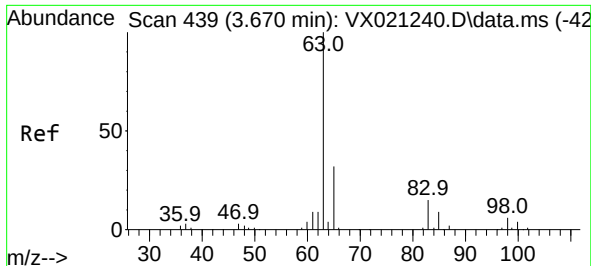
Tgt Ion: 45	Resp: 2594
Ion Ratio	Lower Upper
45 100	
43 58.2	58.0 87.0
87 19.8	25.4 38.0#
59 12.6	10.2 15.2



#23
Vinyl Acetate
Concen: 0.56 ug/l
RT: 3.823 min Scan# 465
Delta R.T. 0.035 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion: 43	Resp: 1563
Ion Ratio	Lower Upper
43 100	
86 0.0	9.9 14.9#

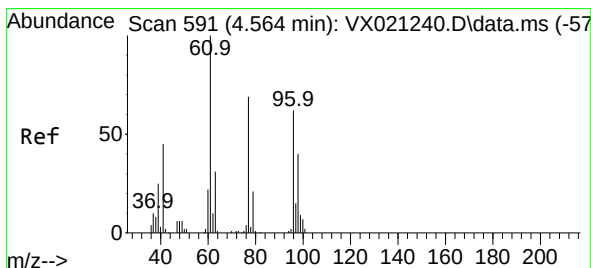
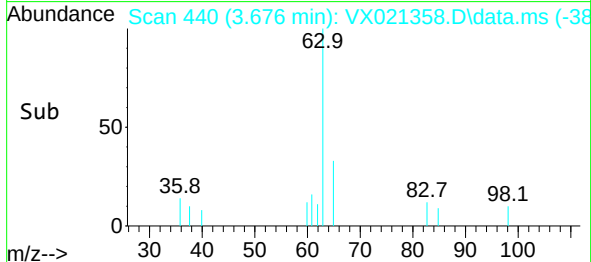
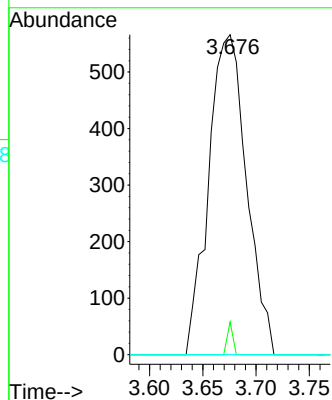
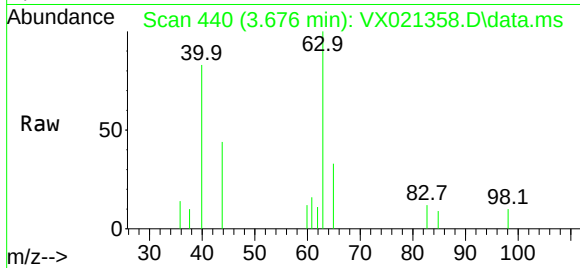




#24
1,1-Dichloroethane
Concen: 0.81 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

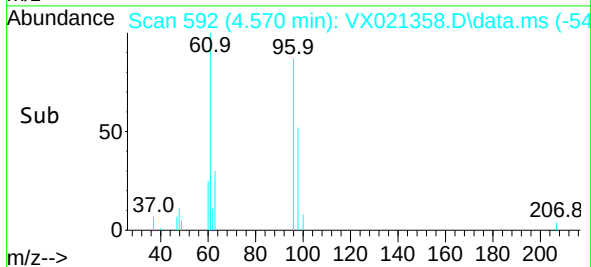
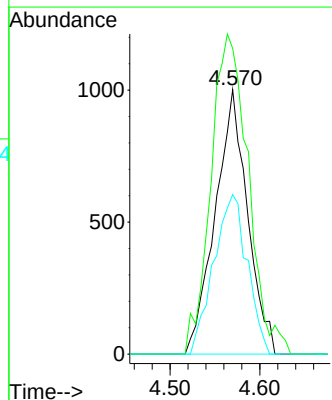
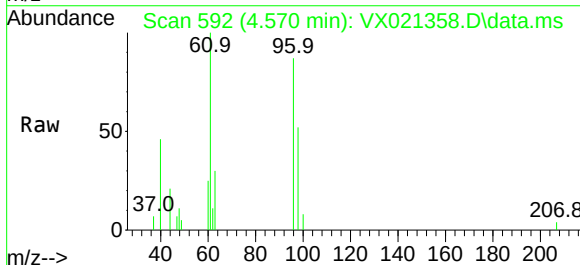
Instrument :
MSVOA_X
ClientSampled :

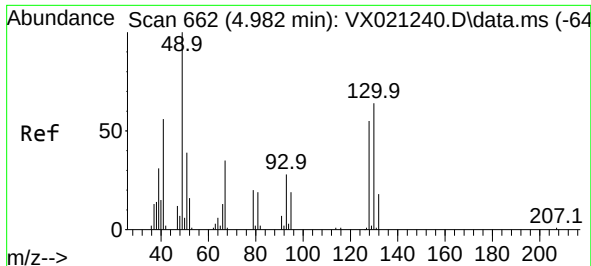
Tgt Ion: 63 Resp: 1405
Ion Ratio Lower Upper
63 100
98 10.2 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 2.40 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

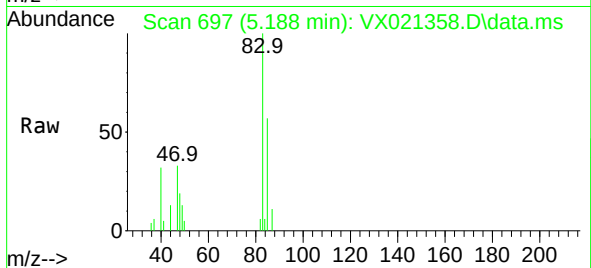
Tgt Ion: 96 Resp: 2505
Ion Ratio Lower Upper
96 100
61 139.9 0.0 285.6
98 62.6 0.0 129.6



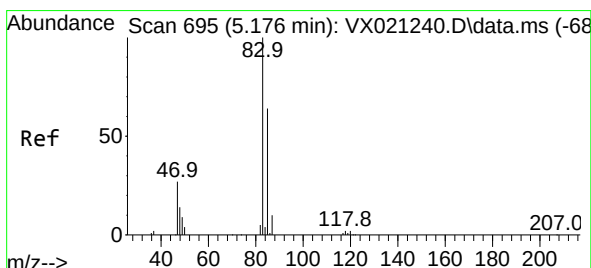
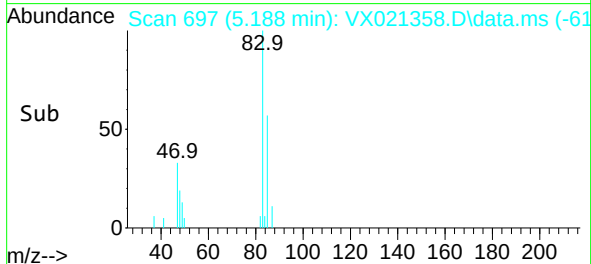
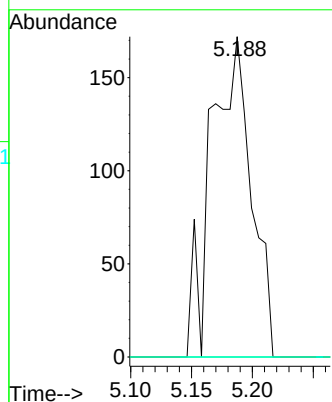


#28
Bromochloromethane
Concen: 0.48 ug/l
RT: 5.188 min Scan# 697
Delta R.T. 0.205 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

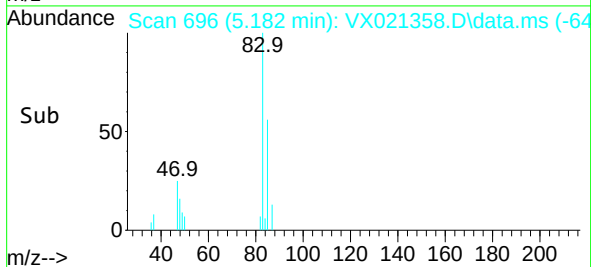
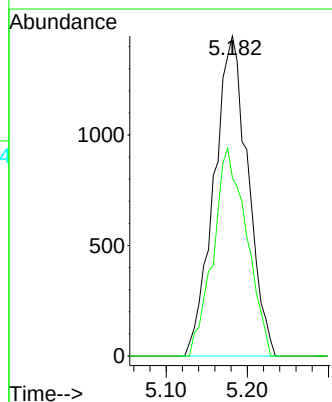
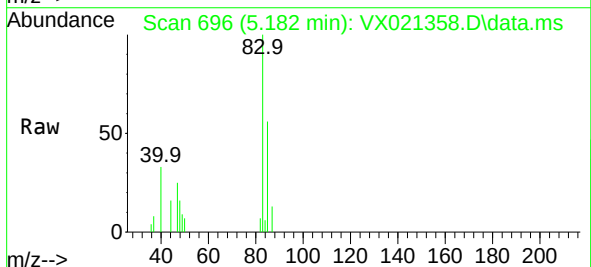


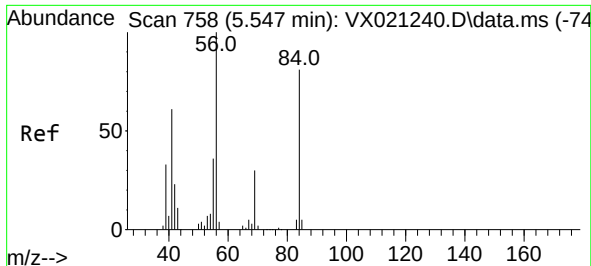
Tgt Ion: 49 Resp: 394
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.32 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

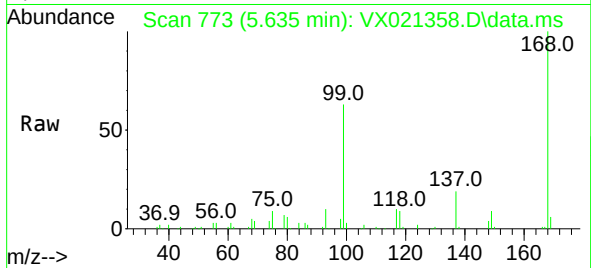
Tgt Ion: 83 Resp: 4201
Ion Ratio Lower Upper
83 100
85 55.7 52.0 78.0



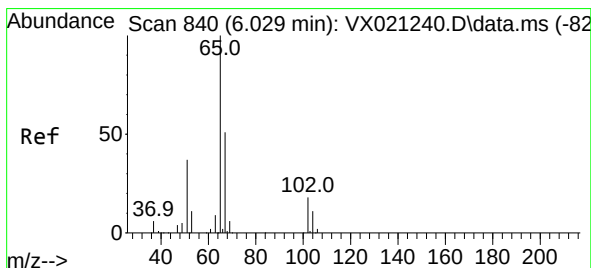
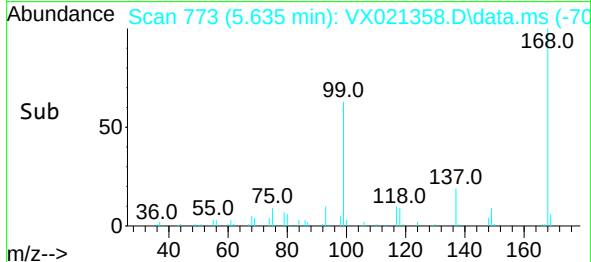
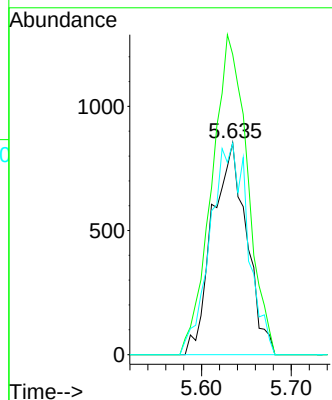


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

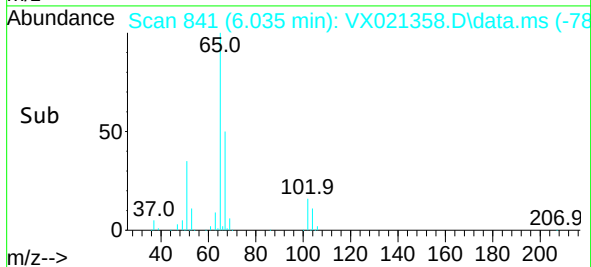
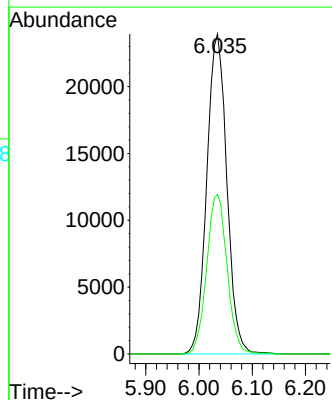
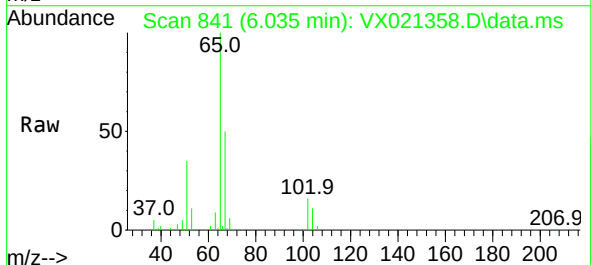


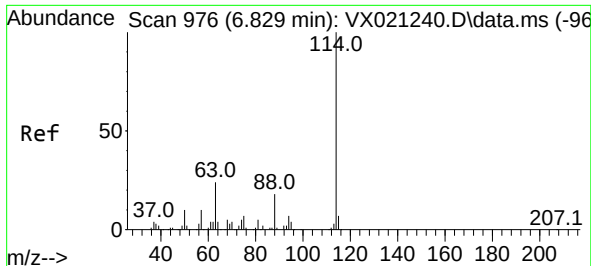
Tgt Ion: 56 Resp: 2264
Ion Ratio Lower Upper
56 100
69 141.7 25.3 37.9#
84 99.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.67 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

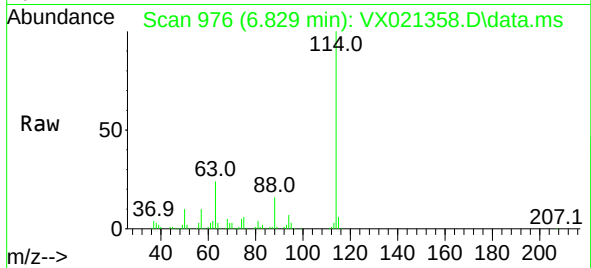
Tgt Ion: 65 Resp: 62474
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4



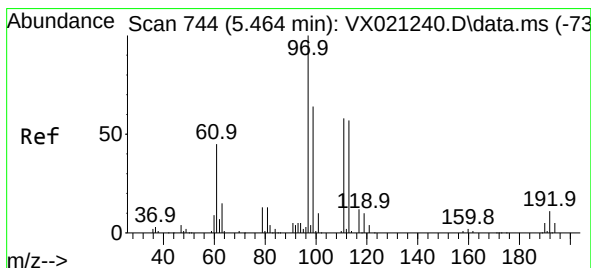
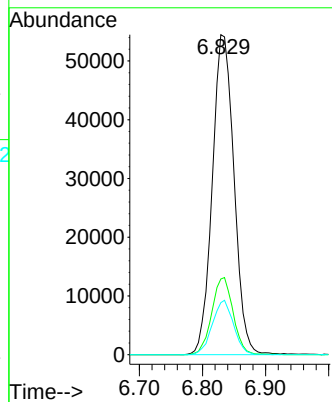
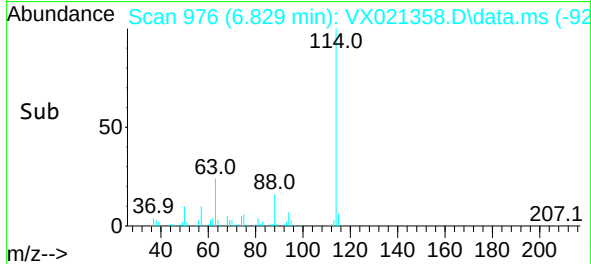


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

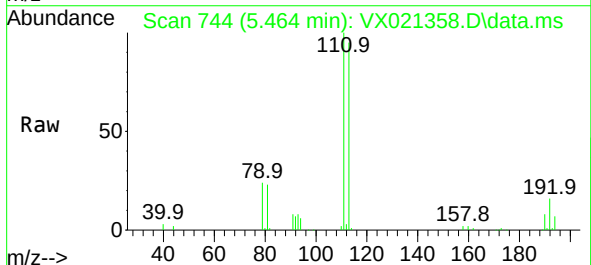
Instrument :
MSVOA_X
ClientSampleId :



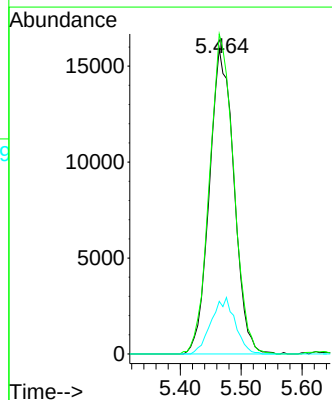
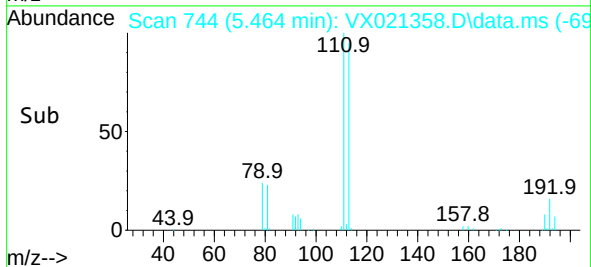
Tgt Ion:114 Resp: 130074
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.3 0.0 32.8

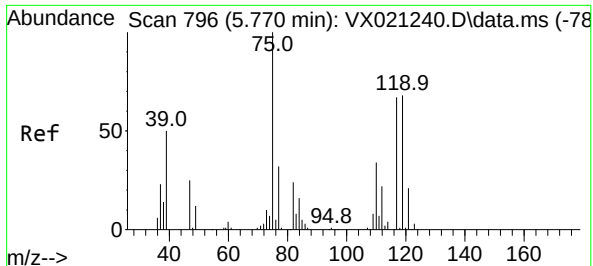


#35
Dibromofluoromethane
Concen: 50.34 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15



Tgt Ion:113 Resp: 44554
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 18.1 16.7 25.1

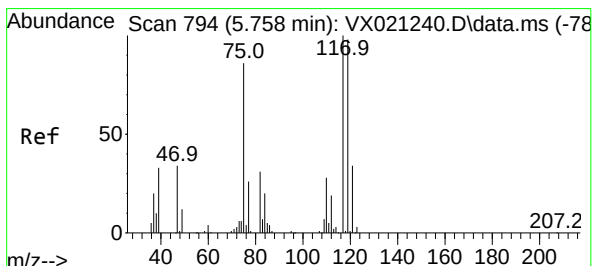
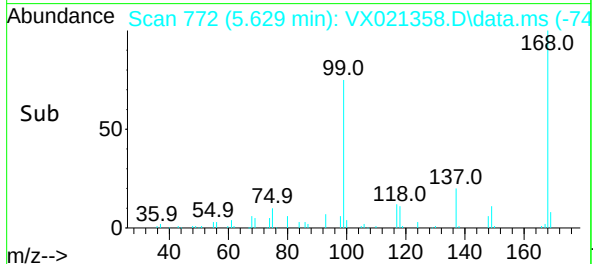
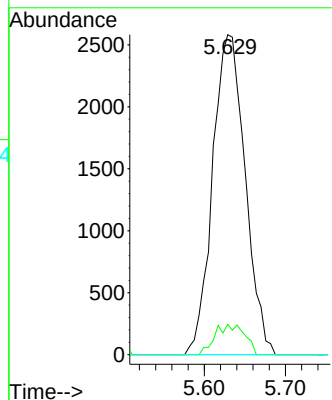
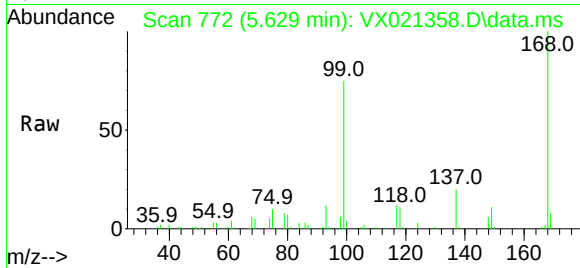




#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

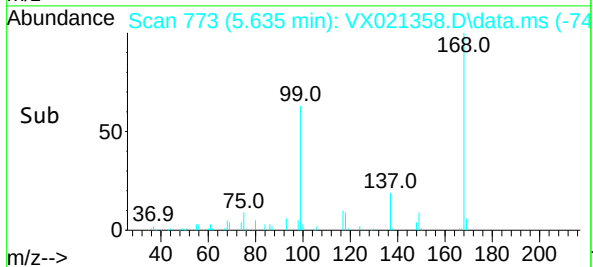
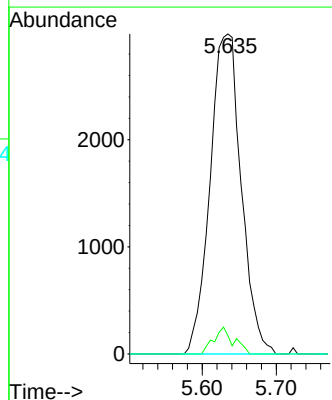
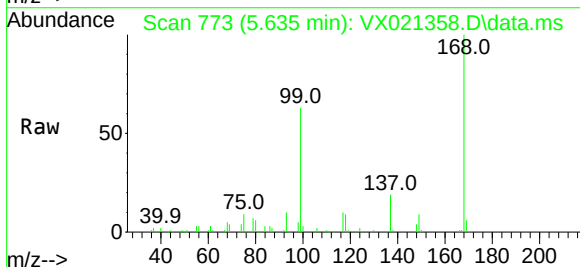
Instrument :
MSVOA_X
ClientSampled :

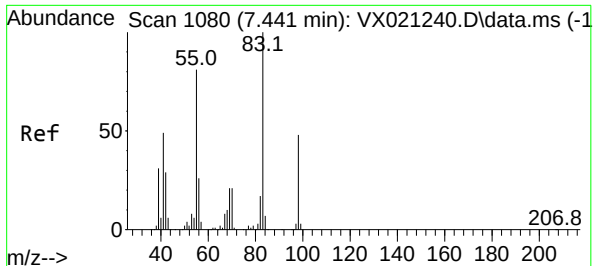
Tgt Ion: 75 Resp: 7202
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.123 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion: 117 Resp: 8728
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.33 ug/l

RT: 7.188 min Scan# 1037

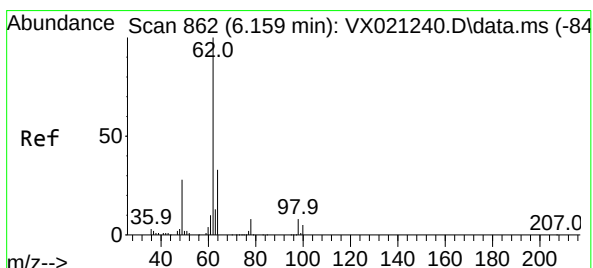
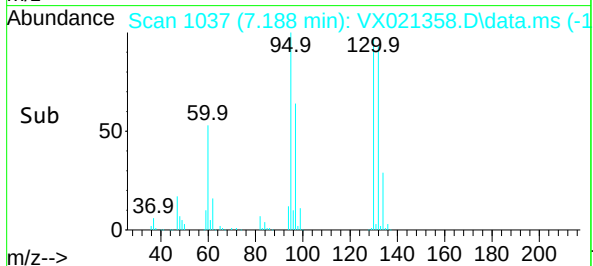
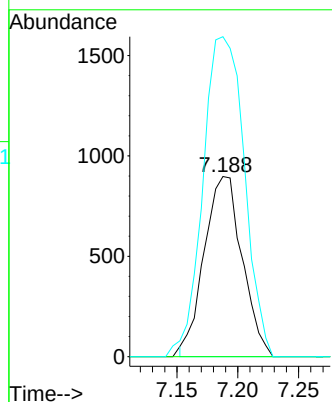
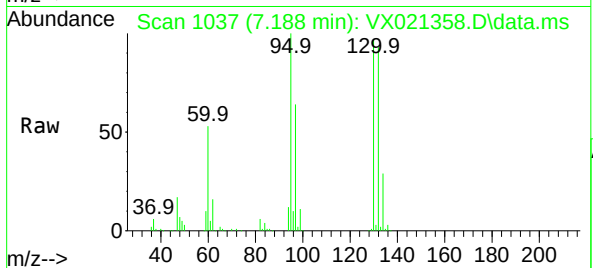
Delta R.T. -0.253 min

Lab File: VX021358.D

Acq: 22 Mar 2021 15:15

Tgt Ion:	83	Resp:	1940
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	177.7	38.1	57.1#

Instrument :
MSVOA_X
ClientSampleId :



#42

1,2-Dichloroethane

Concen: 0.38 ug/l

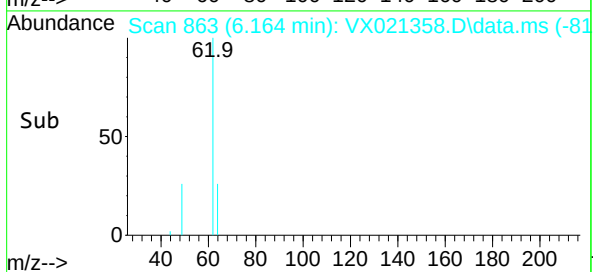
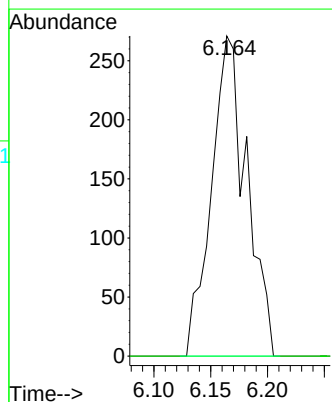
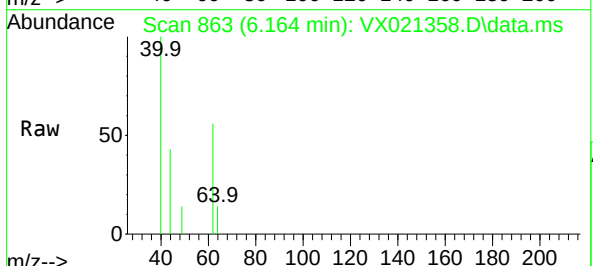
RT: 6.164 min Scan# 863

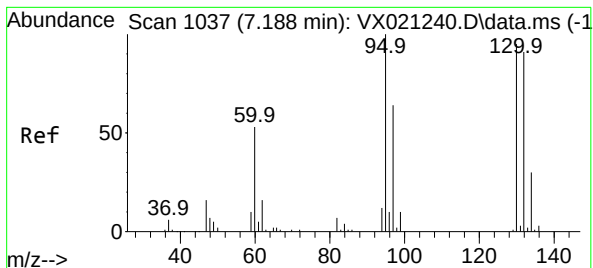
Delta R.T. 0.005 min

Lab File: VX021358.D

Acq: 22 Mar 2021 15:15

Tgt Ion:	62	Resp:	586
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





#44

Trichloroethene

Concen: 136.84 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021358.D

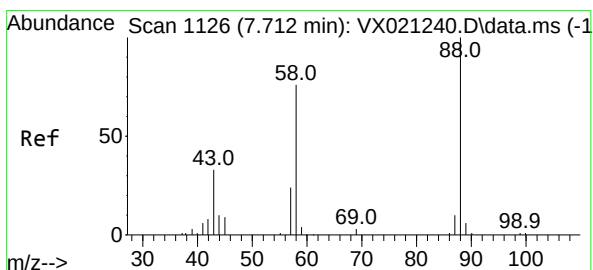
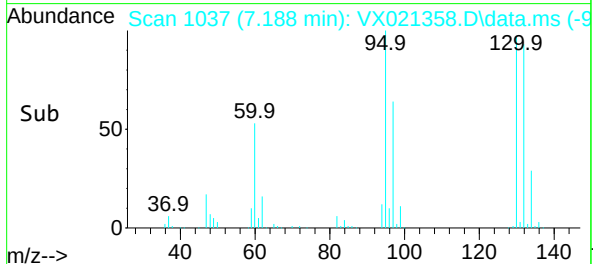
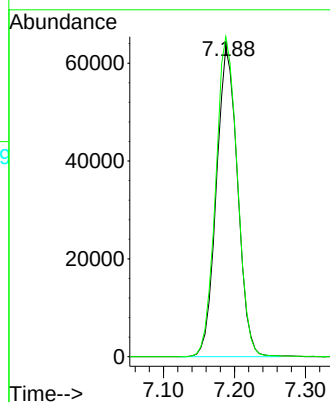
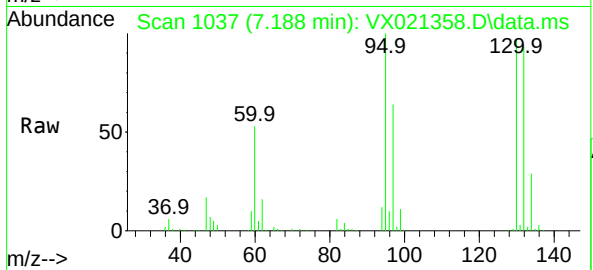
Acq: 22 Mar 2021 15:15

Tgt Ion:130 Resp: 131277

Ion Ratio Lower Upper

130 100

95 103.4 0.0 198.0



#49

1,4-Dioxane

Concen: 5.00 ug/l

RT: 7.717 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VX021358.D

Acq: 22 Mar 2021 15:15

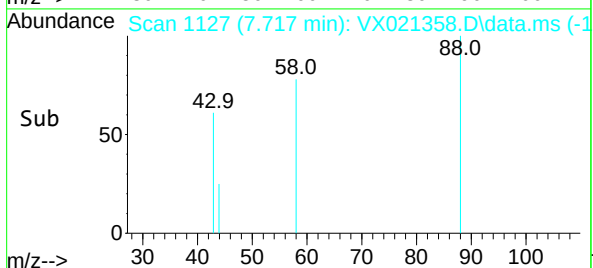
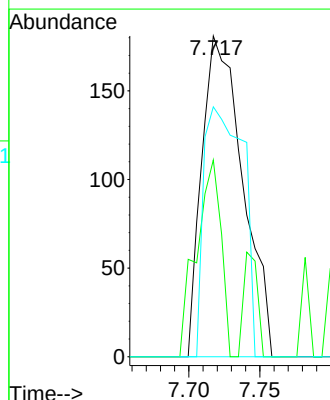
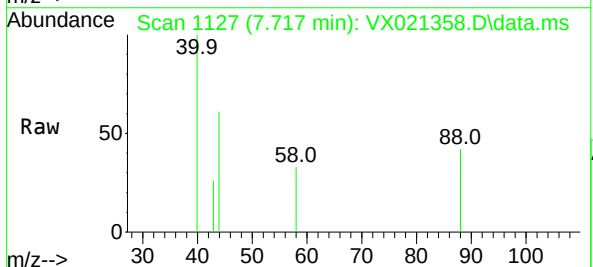
Tgt Ion: 88 Resp: 363

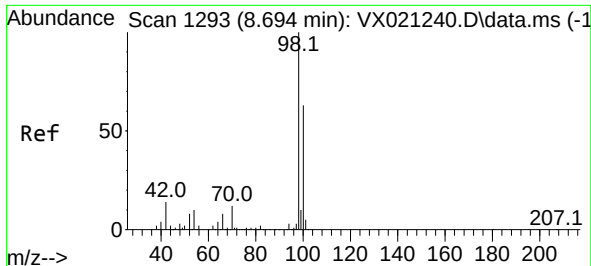
Ion Ratio Lower Upper

88 100

43 36.9 23.2 34.8#

58 74.7 55.0 82.4

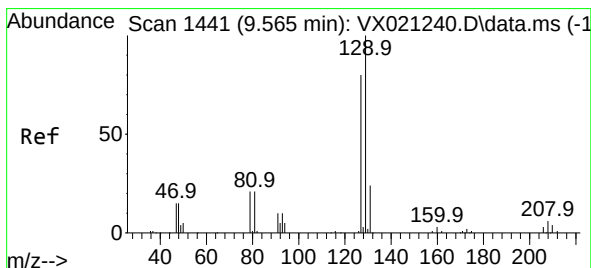
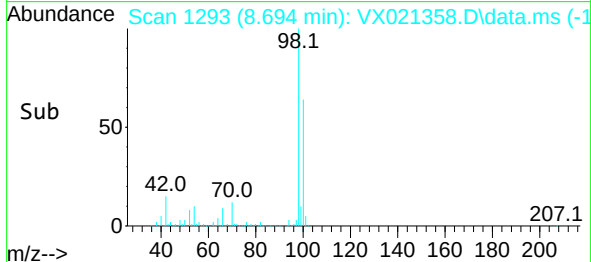
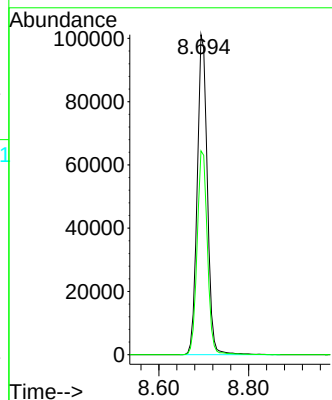
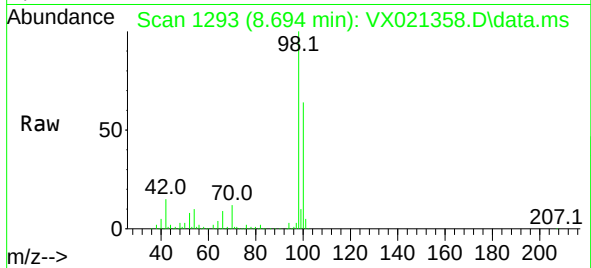




#50
Toluene-d8
Concen: 49.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

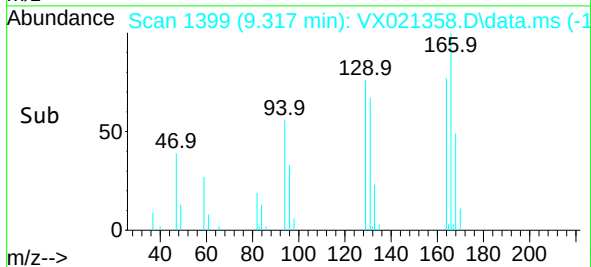
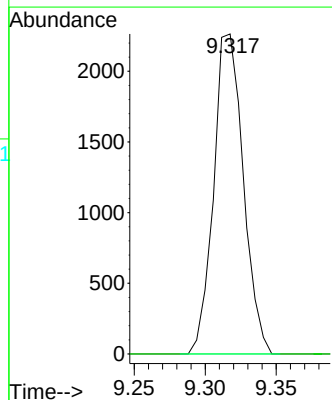
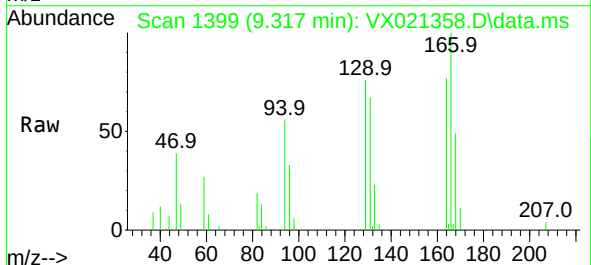
Instrument :
MSVOA_X
ClientSampled :

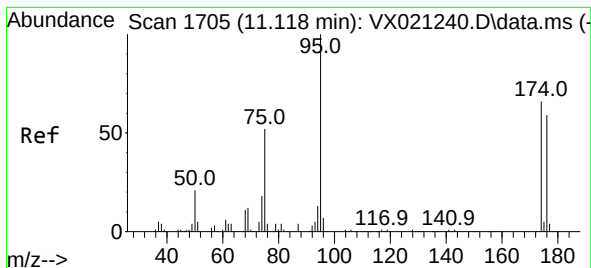
Tgt Ion: 98 Resp: 158107
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#60
Dibromochloromethane
Concen: 3.16 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.248 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion: 129 Resp: 3290
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

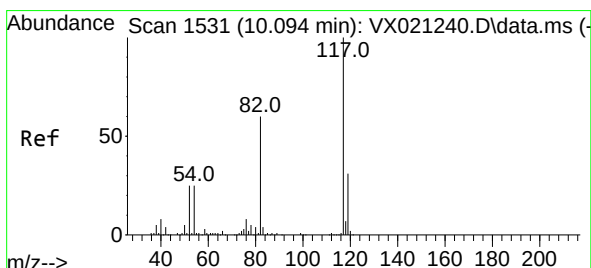
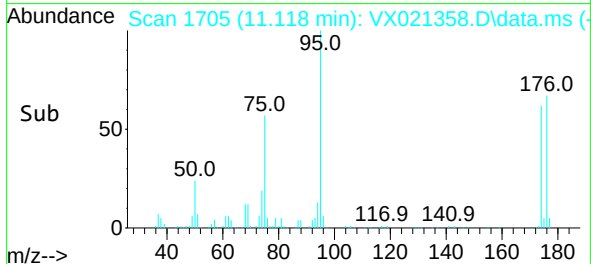
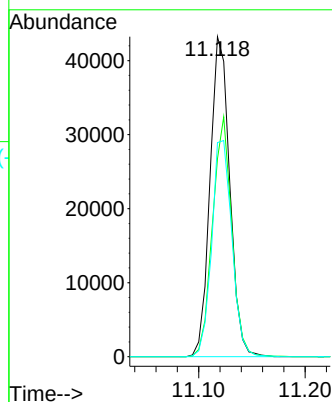
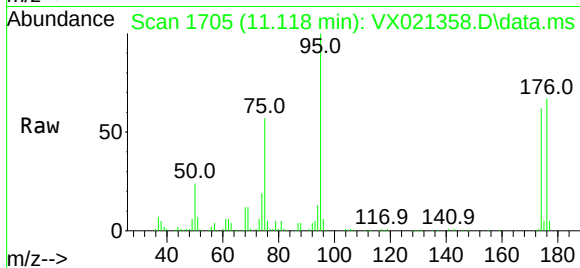




#62
4-Bromofluorobenzene
Concen: 44.46 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

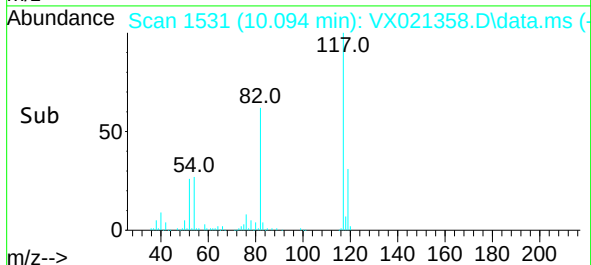
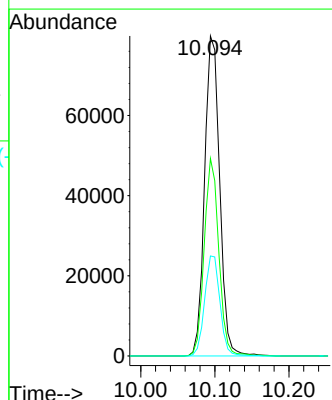
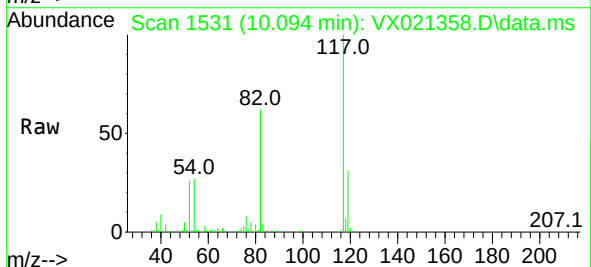
Instrument :
MSVOA_X
ClientSampleId :

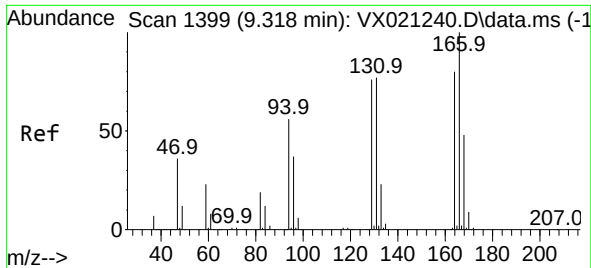
Tgt Ion: 95 Resp: 55447
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 69.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

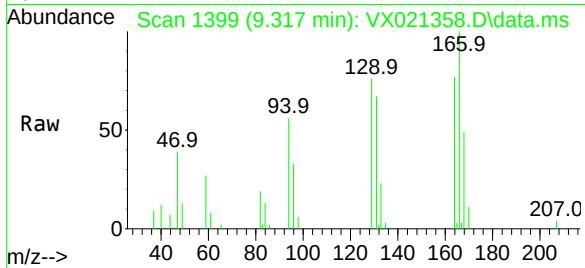
Tgt Ion: 117 Resp: 113133
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.3 26.6 39.8



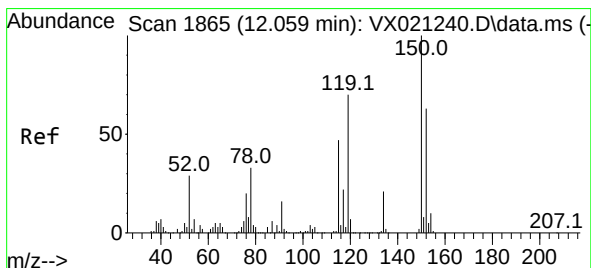
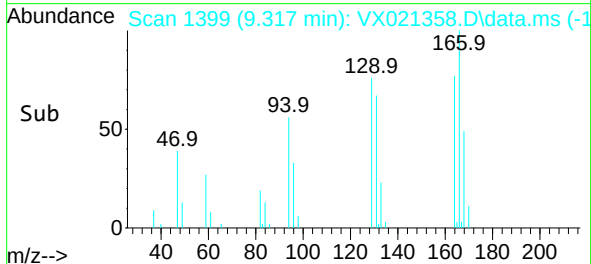
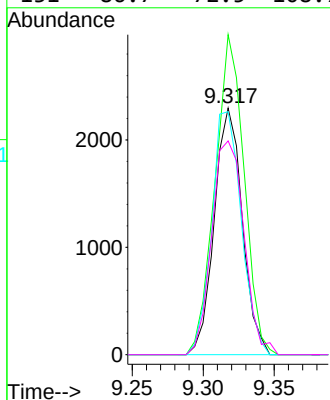


#64
Tetrachloroethene
Concen: 3.73 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

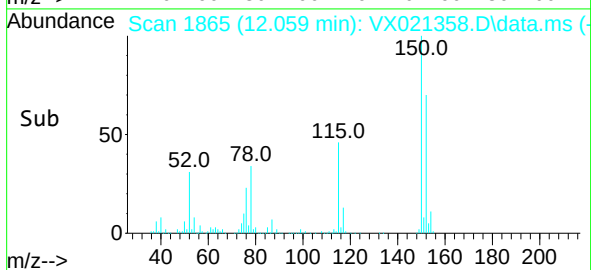
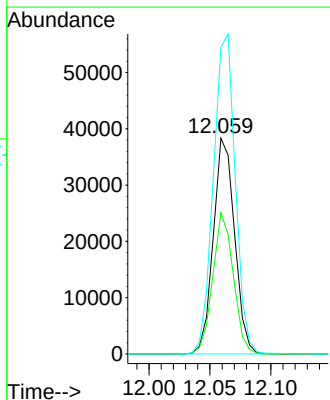
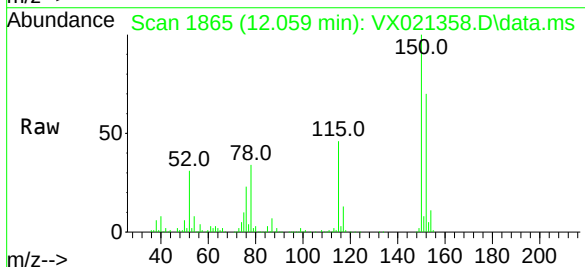


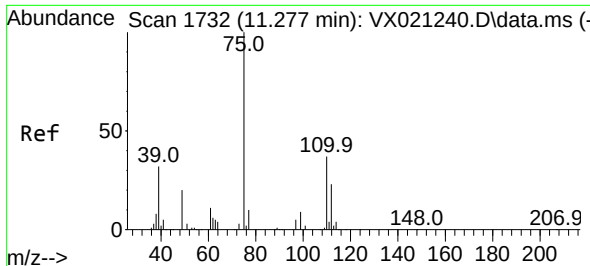
Tgt Ion:164 Resp: 3148
Ion Ratio Lower Upper
164 100
166 129.8 103.4 155.2
129 98.6 70.8 106.2
131 86.7 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion:152 Resp: 46594
Ion Ratio Lower Upper
152 100
115 63.2 41.1 123.3
150 153.0 0.0 349.0

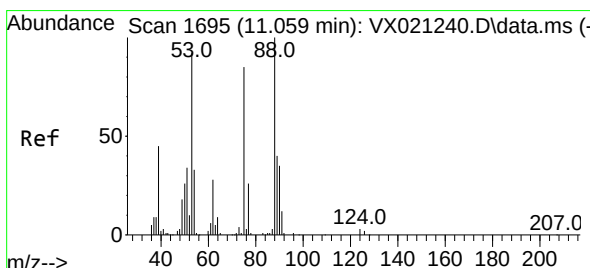
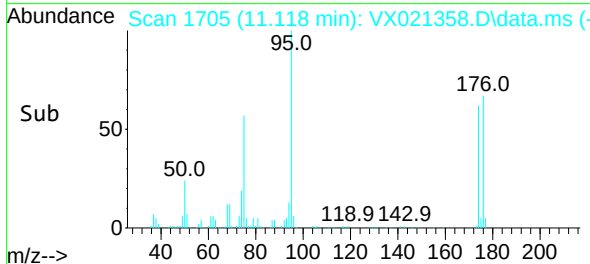
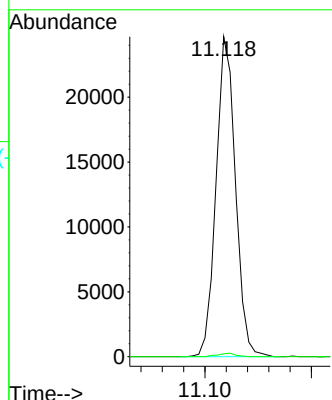
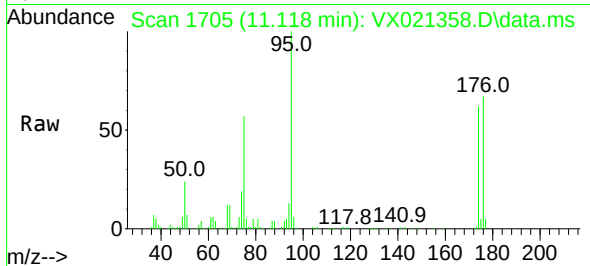




#76
1,2,3-Trichloropropane
Concen: 28.79 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31119
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021358.D
Acq: 22 Mar 2021 15:15

Tgt Ion: 75 Resp: 31119
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

