

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021367.D
 Acq On : 22 Mar 2021 18:37
 Operator : JC/MD
 Sample : M1735-20DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:03:40 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)

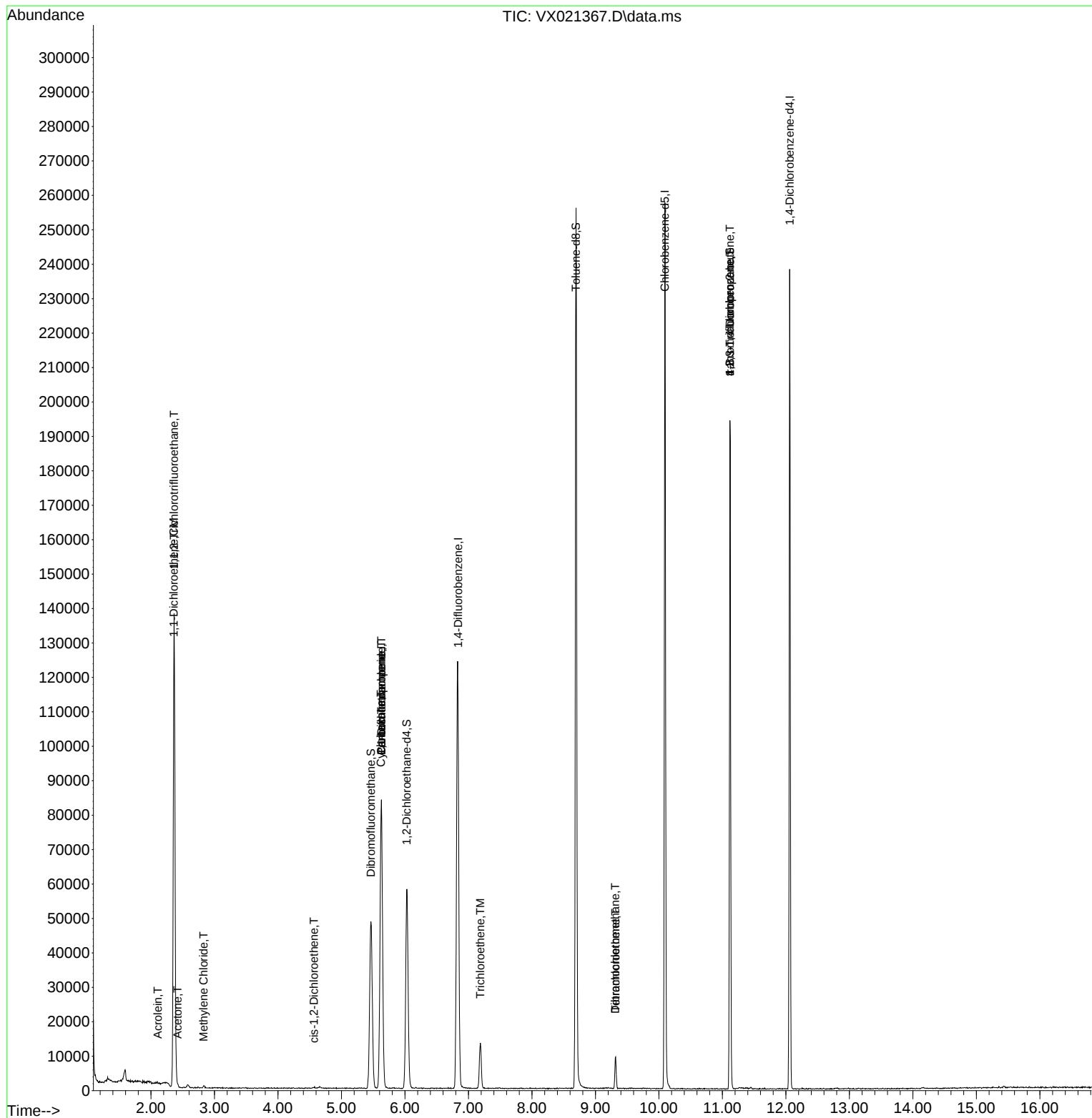
Internal Standards						
1) Pentafluorobenzene	5.629	168	71176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	116677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	102653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57027	48.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.70%		
35) Dibromofluoromethane	5.464	113	41395	52.14	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.28%		
50) Toluene-d8	8.694	98	143107	49.68	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.36%		
62) 4-Bromofluorobenzene	11.118	95	50015	44.71	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.42%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1270	Below Cal	#	67
9) 1,1,2-Trichlorotrifluo...	2.364	101	52296	70.30	ug/l	96
12) 1,1-Dichloroethene	2.358	96	370	0.51	ug/l #	73
13) Acrolein	2.105	56	42	3.48	ug/l #	14
16) Acetone	2.417	43	784	1.83	ug/l	94
20) Methylene Chloride	2.829	84	250	0.28	ug/l #	90
27) cis-1,2-Dichloroethene	4.564	96	231	0.25	ug/l	64
31) Cyclohexane	5.623	56	1965	1.39	ug/l #	9
36) 1,1-Dichloropropene	5.629	75	6731	5.73	ug/l #	50
38) Carbon Tetrachloride	5.629	117	7848	6.43	ug/l #	16
44) Trichloroethene	7.188	130	4743	5.51	ug/l	91
60) Dibromochloromethane	9.312	129	1644	1.76	ug/l #	11
64) Tetrachloroethene	9.318	164	1644	2.14	ug/l	90
76) 1,2,3-Trichloropropane	11.118	75	28449	28.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28449	77.34	ug/l #	12

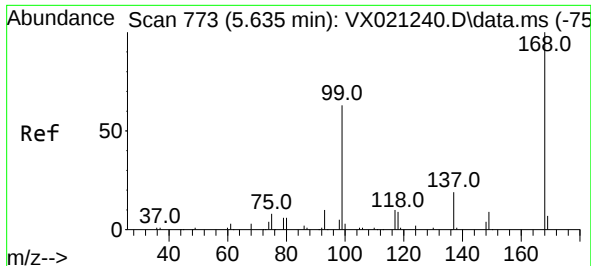
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Mar 23 02:03:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

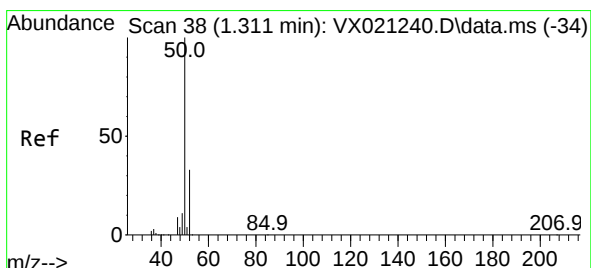
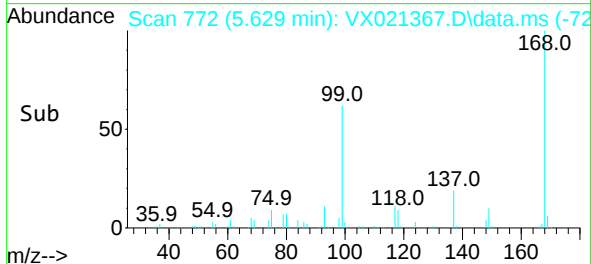
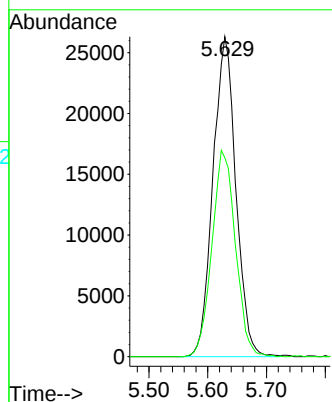
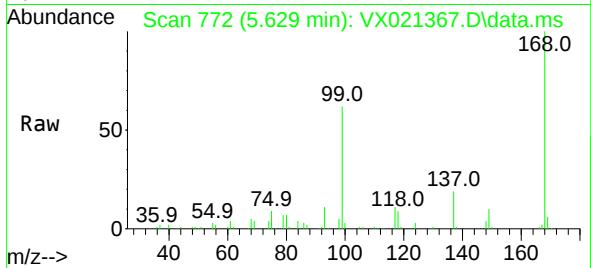




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

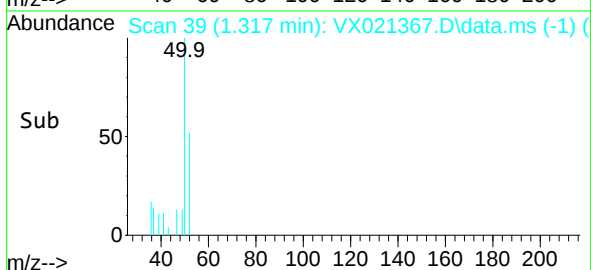
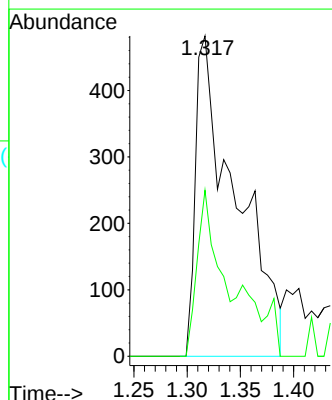
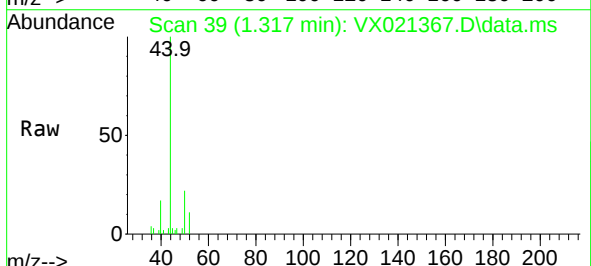
Instrument :
MSVOA_X
ClientSampleId :

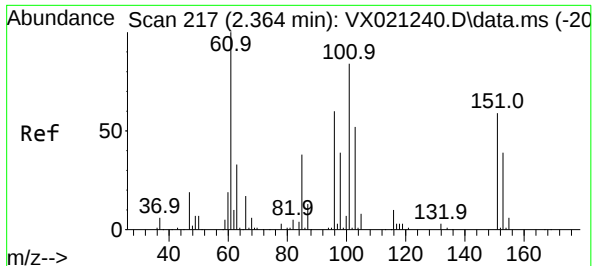
Tgt Ion:168 Resp: 71176
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 51.9 26.4 39.6#

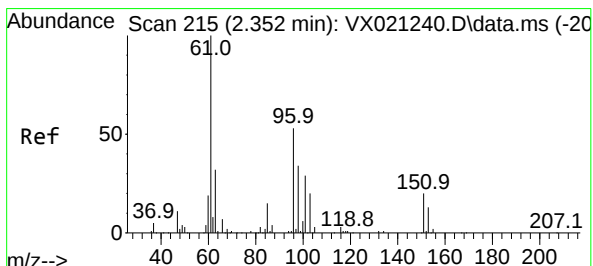
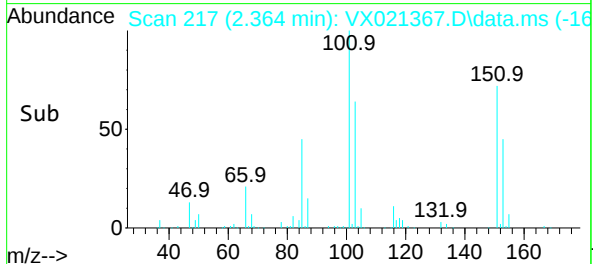
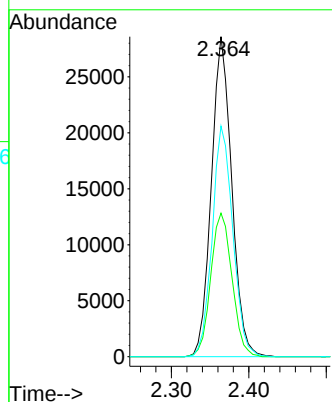
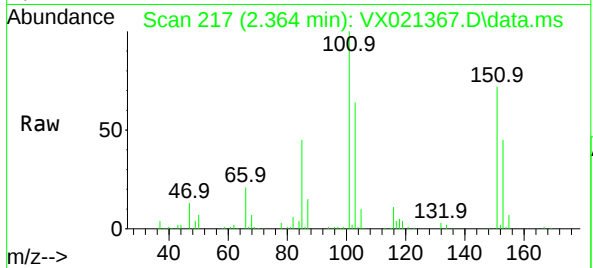




#9
1,1,2-Trichlorotrifluoroethane
Concen: 70.30 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

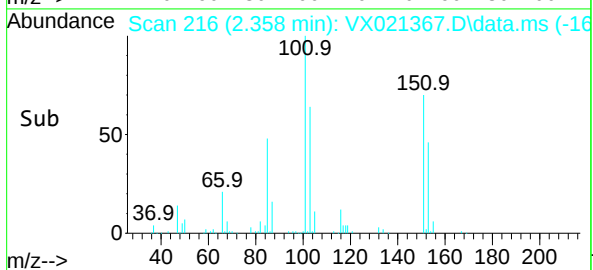
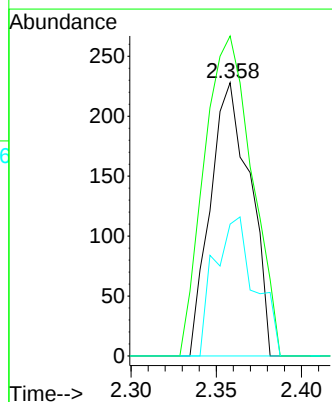
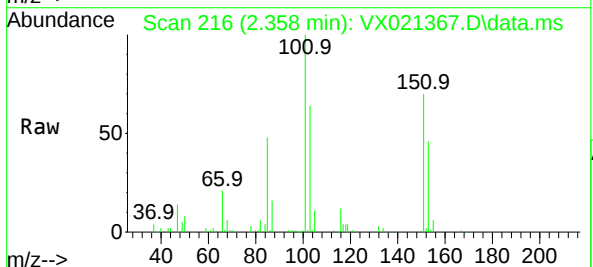
Instrument :
MSVOA_X
ClientSampleId :

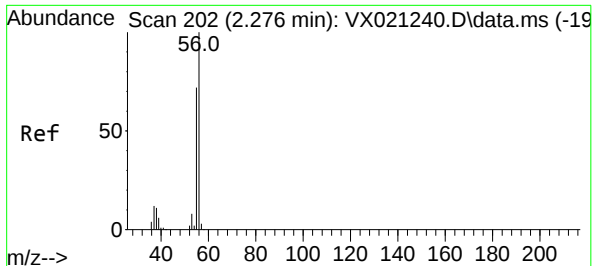
Tgt Ion:101 Resp: 52296
Ion Ratio Lower Upper
101 100
85 46.7 34.9 52.3
151 73.2 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.51 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion: 96 Resp: 370
Ion Ratio Lower Upper
96 100
61 117.1 124.6 187.0#
98 48.2 50.6 76.0#

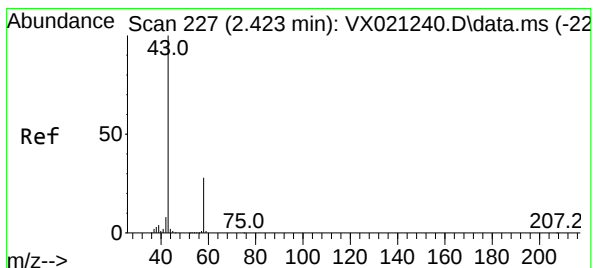
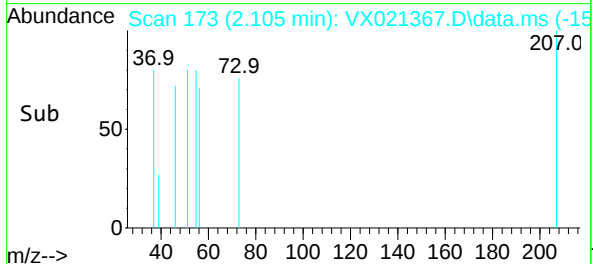
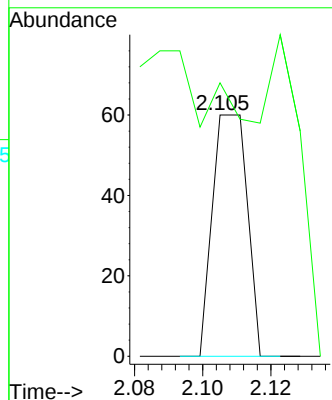
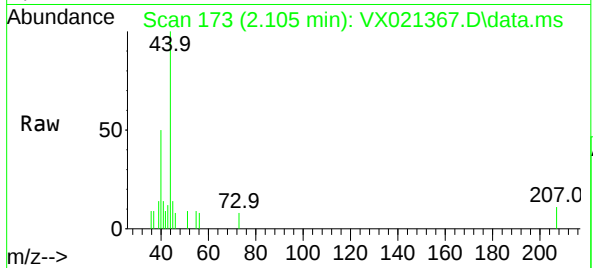




#13
Acrolein
Concen: 3.48 ug/l
RT: 2.105 min Scan# 173
Delta R.T. -0.171 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

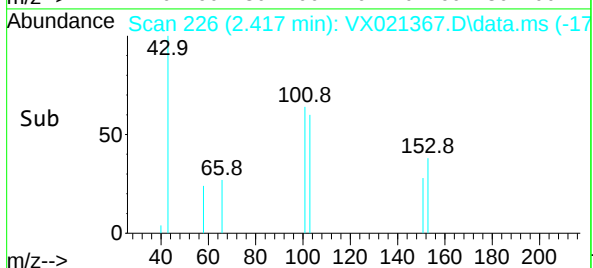
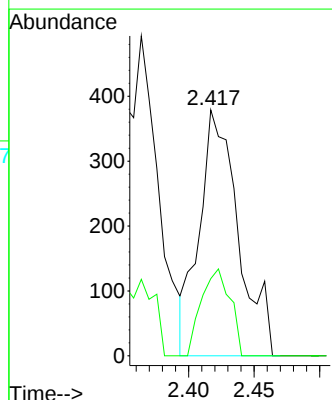
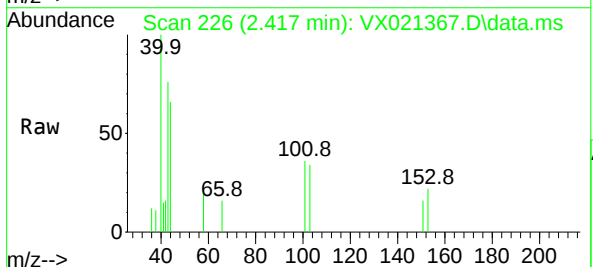
Instrument :
MSVOA_X
ClientSampled :

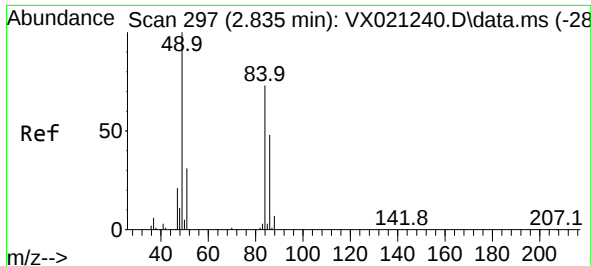
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.83 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

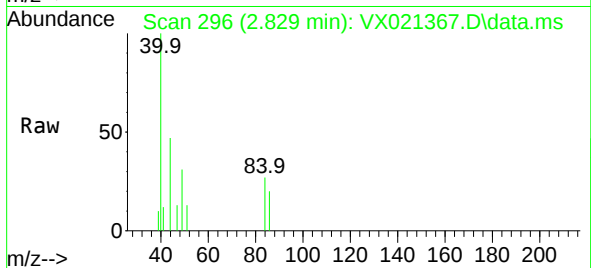
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



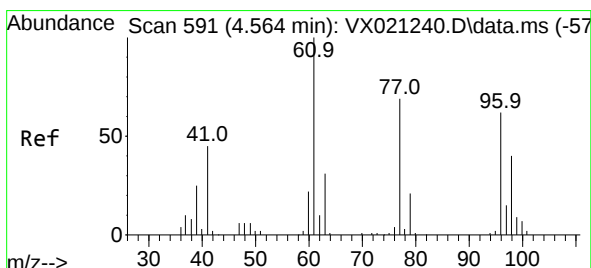
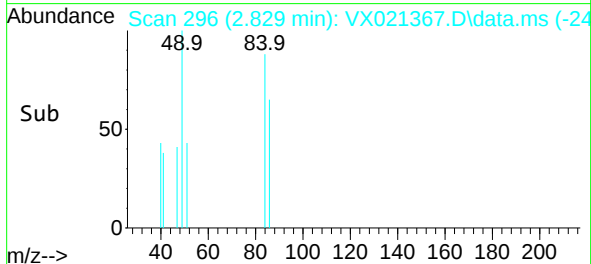
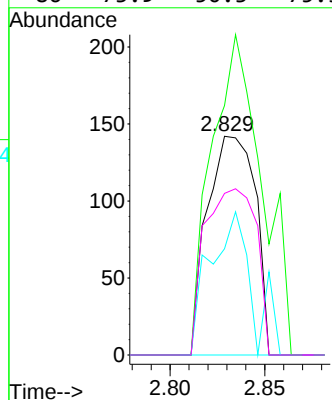


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Instrument :
MSVOA_X
ClientSampled :

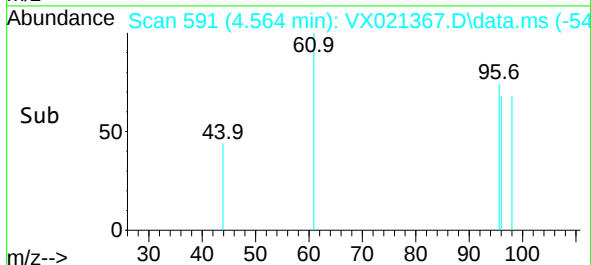
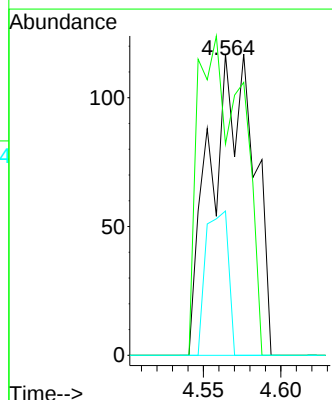
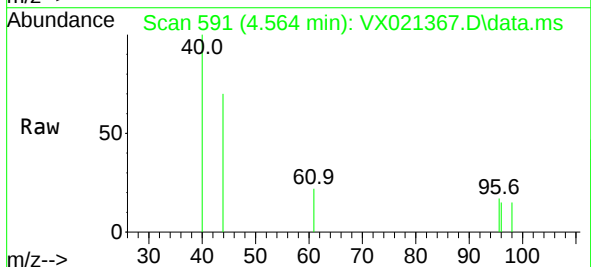


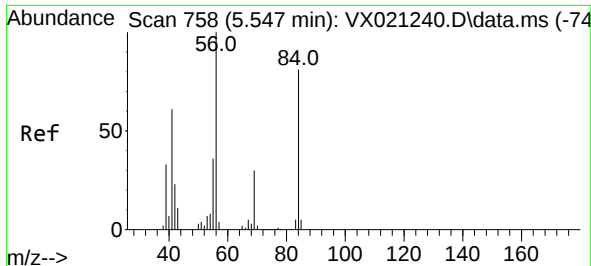
Tgt Ion: 84 Resp: 250
Ion Ratio Lower Upper
84 100
49 114.1 88.6 132.8
51 48.6 27.0 40.6#
86 73.9 50.3 75.5



#27
cis-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

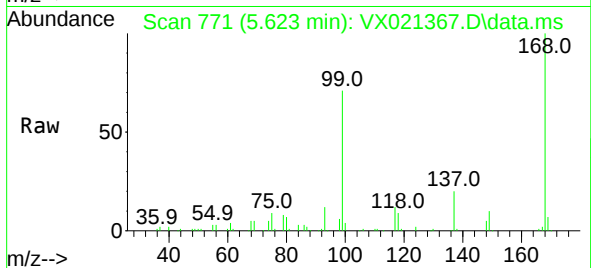
Tgt Ion: 96 Resp: 231
Ion Ratio Lower Upper
96 100
61 107.4 0.0 285.6
98 24.2 0.0 129.6



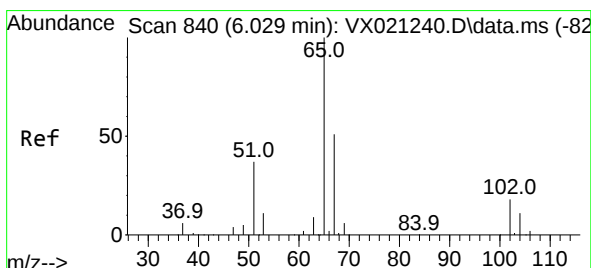
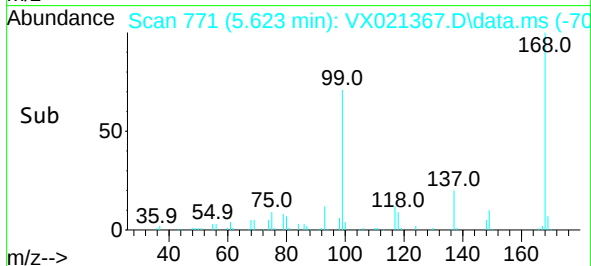
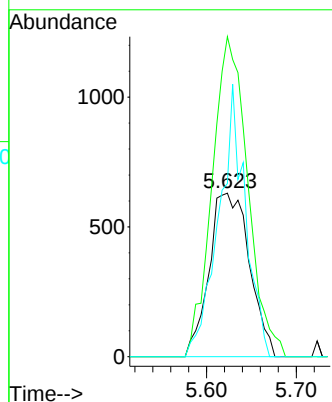


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Instrument :
MSVOA_X
ClientSampled :

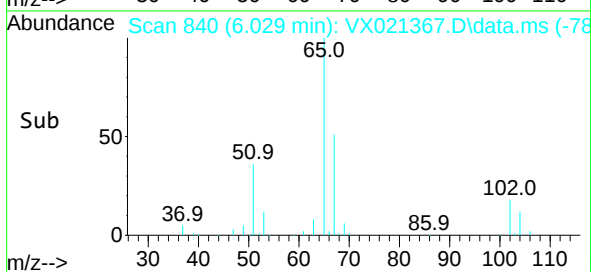
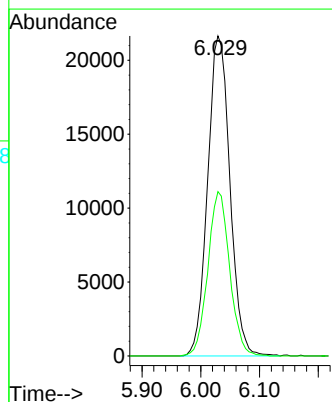
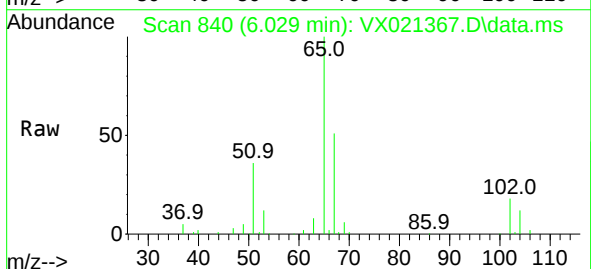


Tgt Ion: 56 Resp: 1965
Ion Ratio Lower Upper
56 100
69 195.7 25.3 37.9#
84 105.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion: 65 Resp: 57027
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

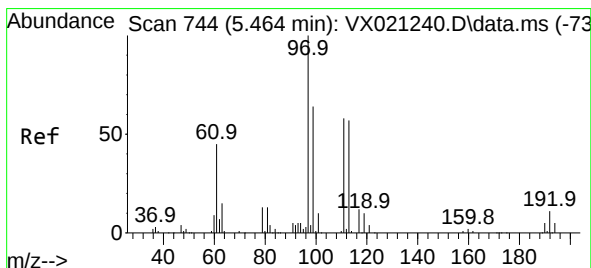
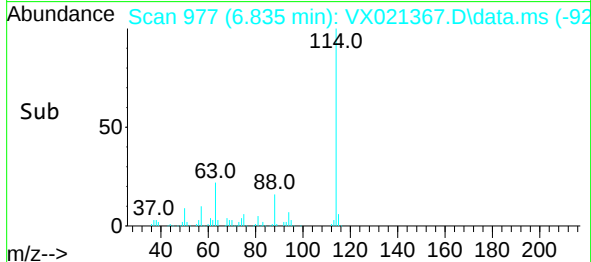
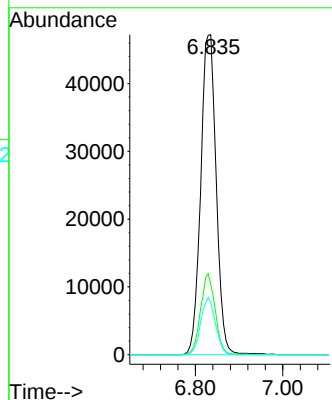
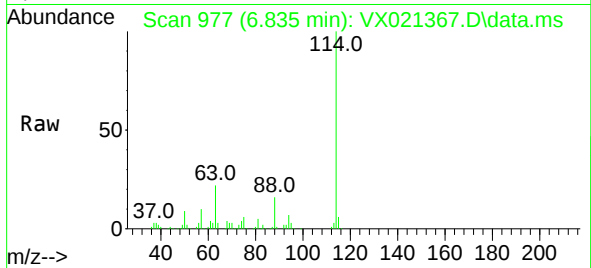




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

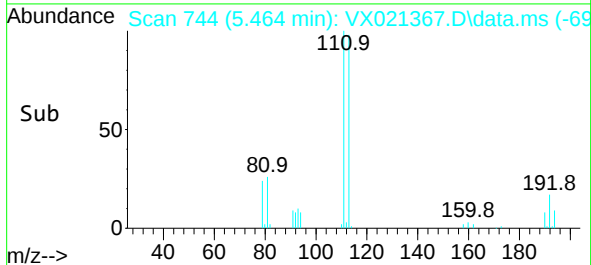
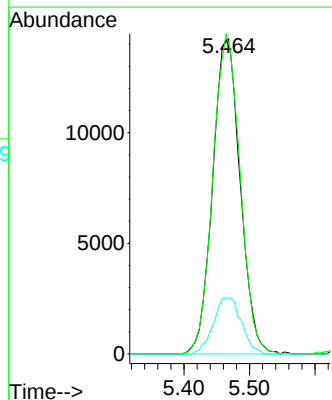
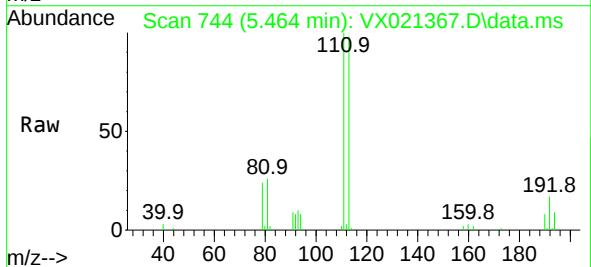
Instrument :
MSVOA_X
ClientSampled :

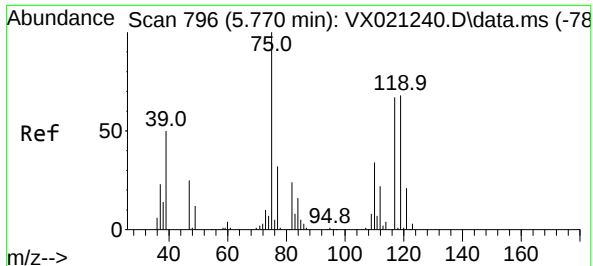
Tgt Ion:114 Resp: 116677
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.14 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion:113 Resp: 41395
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.73 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.141 min

Lab File: VX021367.D

Acq: 22 Mar 2021 18:37

Tgt Ion: 75 Resp: 6731

Ion Ratio Lower Upper

75 100

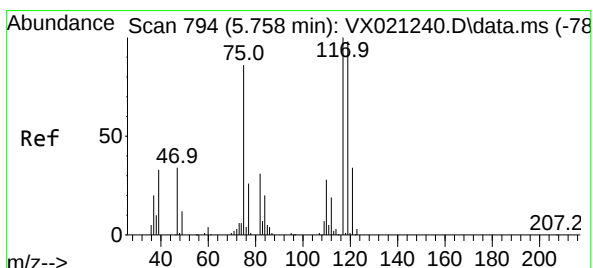
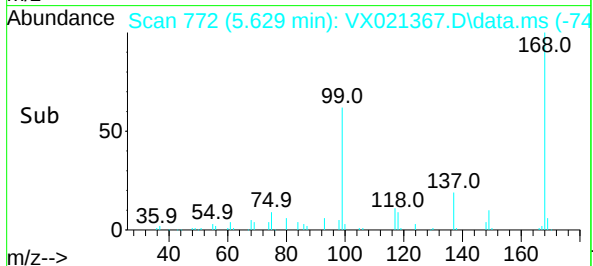
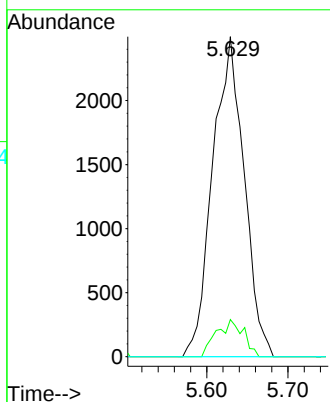
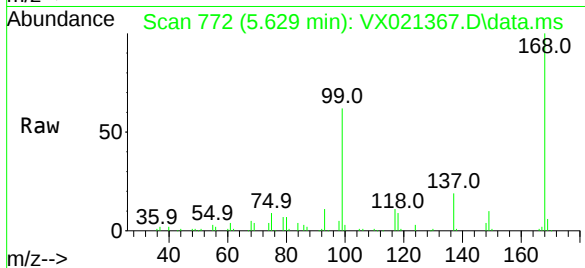
110 9.9 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.43 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.129 min

Lab File: VX021367.D

Acq: 22 Mar 2021 18:37

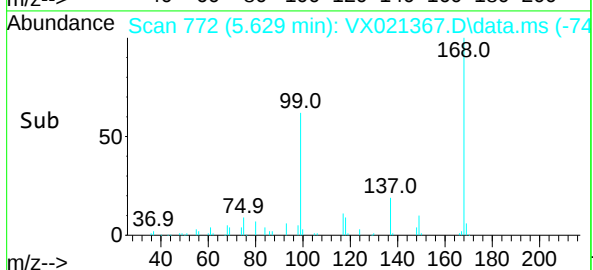
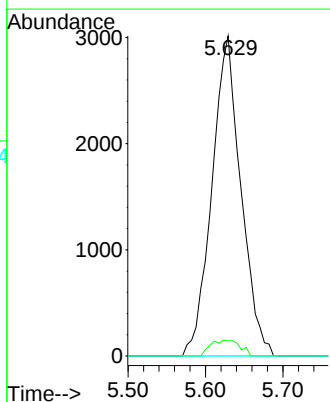
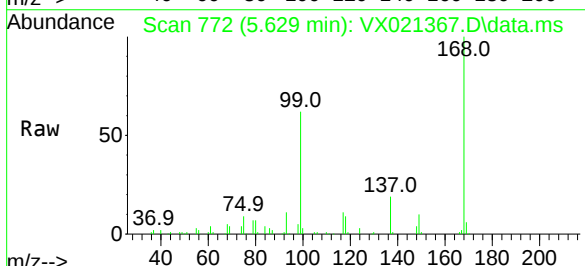
Tgt Ion: 117 Resp: 7848

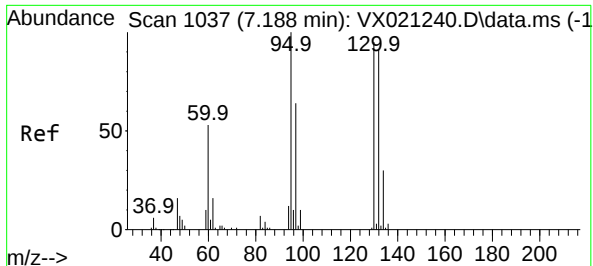
Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.2#

121 0.0 24.8 37.2#

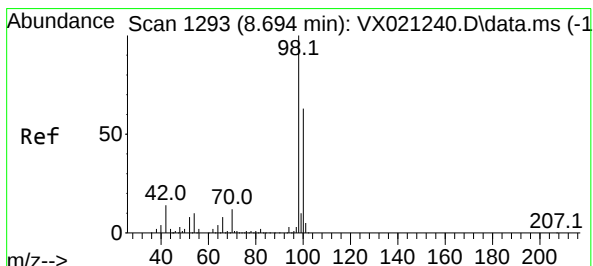
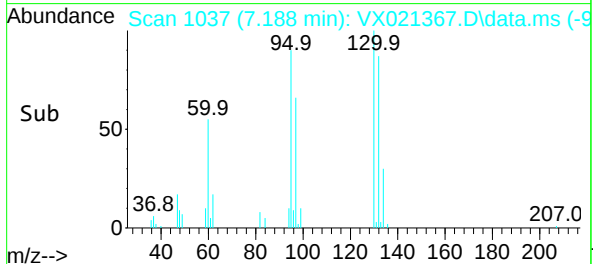
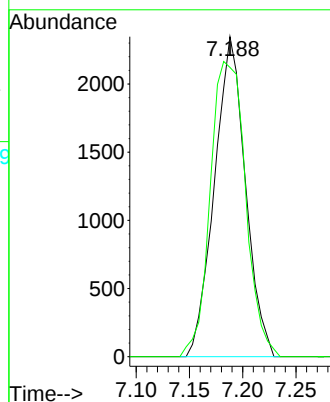
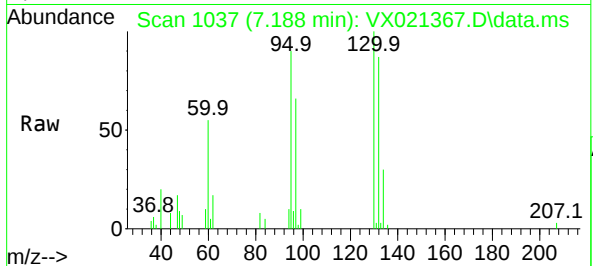




#44
Trichloroethene
Concen: 5.51 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

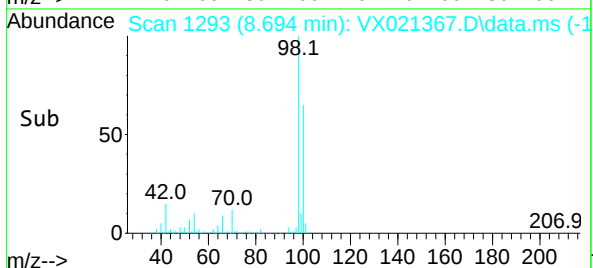
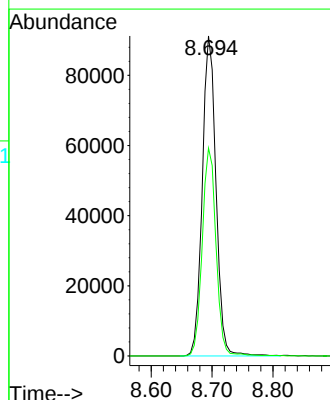
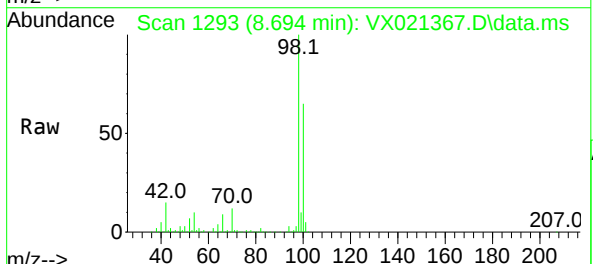
Instrument :
MSVOA_X
ClientSampled :

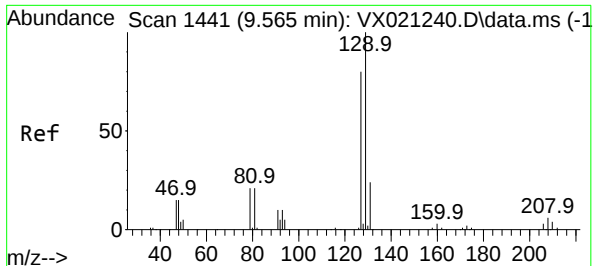
Tgt Ion:130 Resp: 4743
Ion Ratio Lower Upper
130 100
95 90.4 0.0 198.0



#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion: 98 Resp: 143107
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

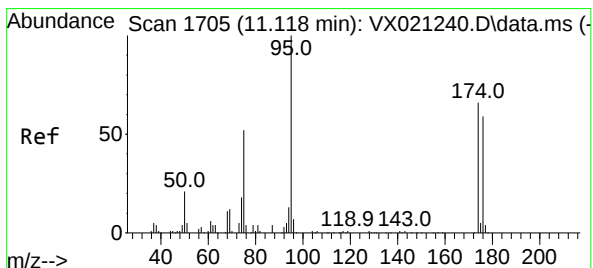
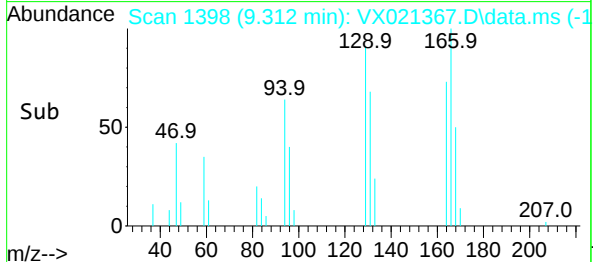
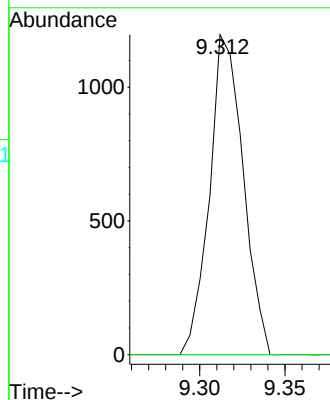
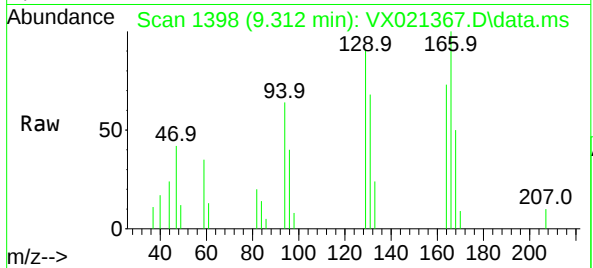




#60
Dibromochloromethane
Concen: 1.76 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.253 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

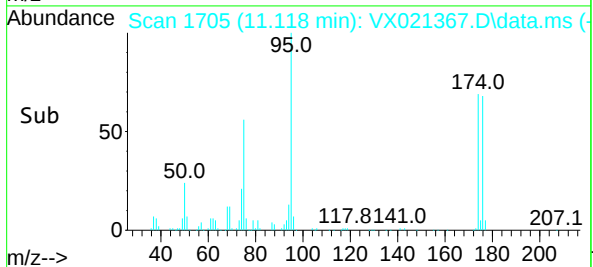
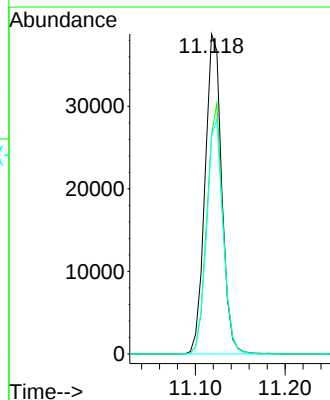
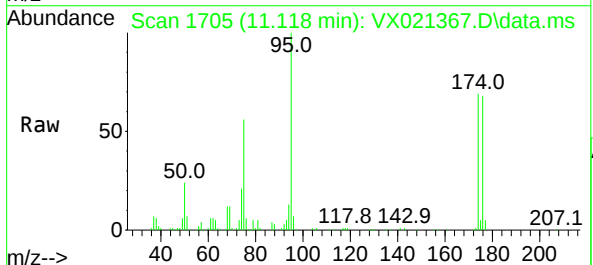
Instrument :
MSVOA_X
ClientSampleId :

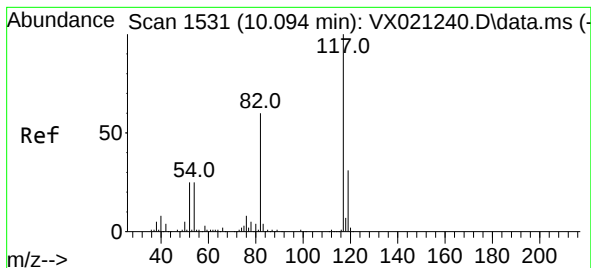
Tgt Ion:129 Resp: 1644
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion: 95 Resp: 50015
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 72.3 0.0 155.8

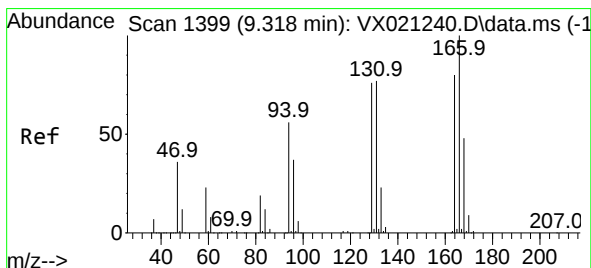
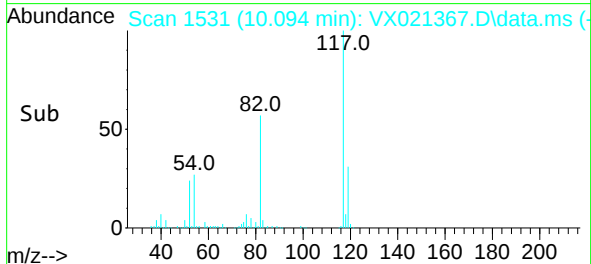
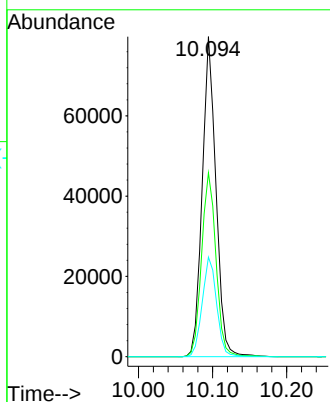
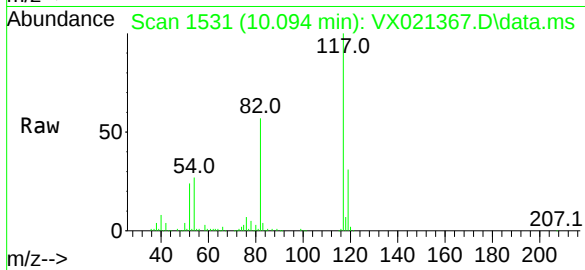




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

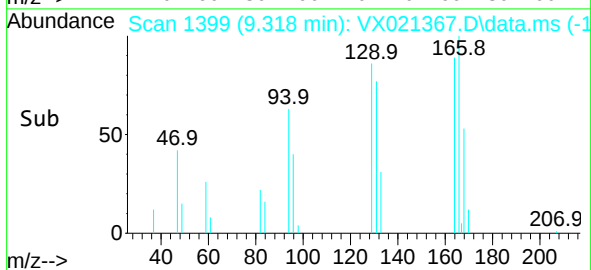
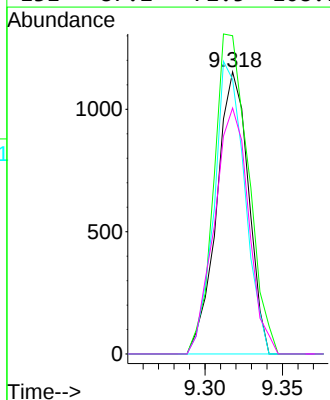
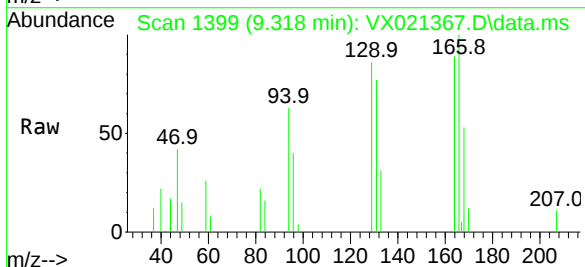
Instrument :
MSVOA_X
ClientSampleId :

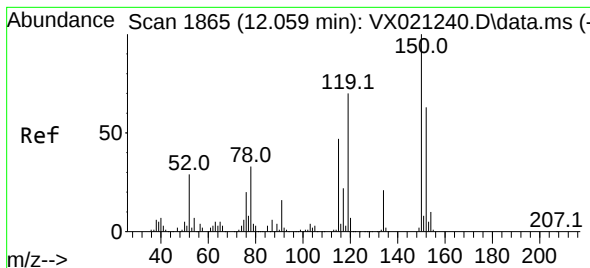
Tgt Ion:117 Resp: 102653
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 2.14 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

Tgt Ion:164 Resp: 1644
Ion Ratio Lower Upper
164 100
166 112.8 103.4 155.2
129 97.3 70.8 106.2
131 87.2 72.5 108.7

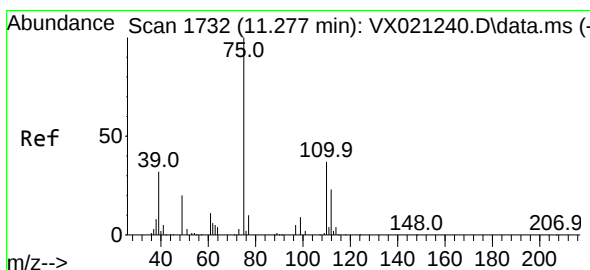
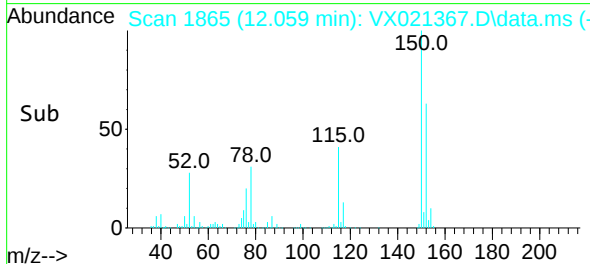
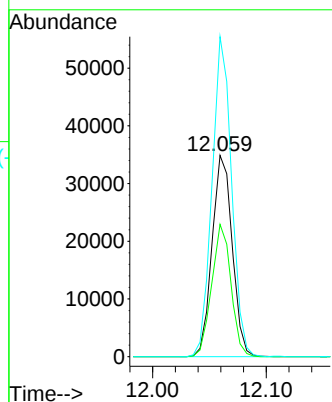
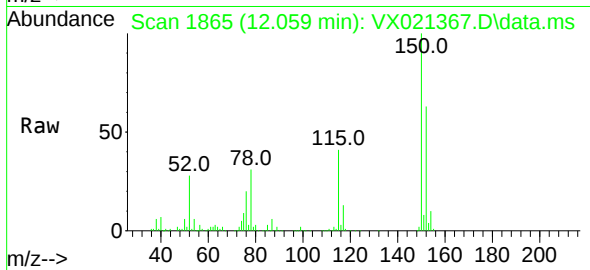




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

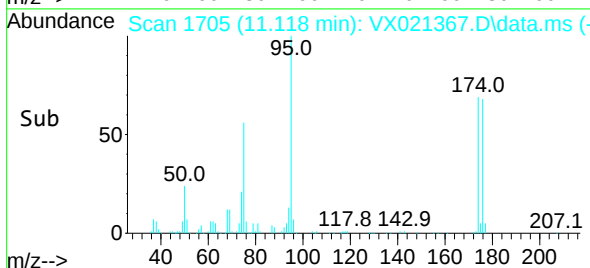
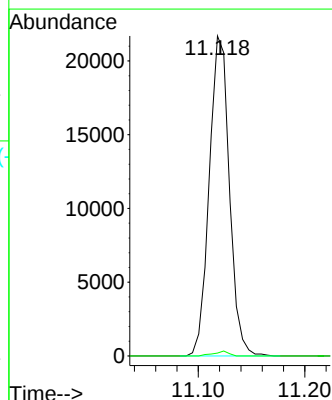
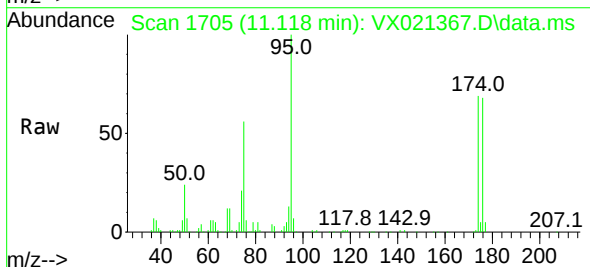
Instrument :
MSVOA_X
ClientSampled :

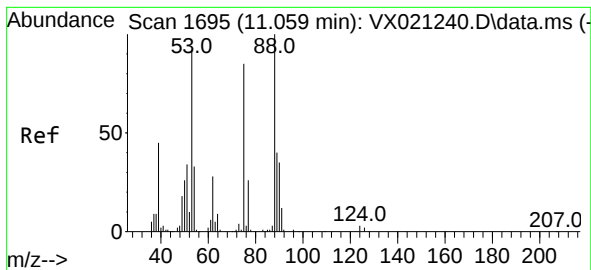
Tgt Ion:152 Resp: 43054
Ion Ratio Lower Upper
152 100
115 62.7 41.1 123.3
150 153.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021367.D
Acq: 22 Mar 2021 18:37

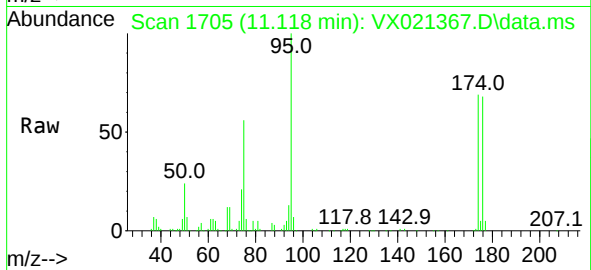
Tgt Ion: 75 Resp: 28449
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.34 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021367.D
 Acq: 22 Mar 2021 18:37

Instrument :
 MSVOA_X
 ClientSampleId :



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

