

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021511.D
 Acq On : 26 Mar 2021 01:41
 Operator : JC/MD
 Sample : M1770-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 06:33:56 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)

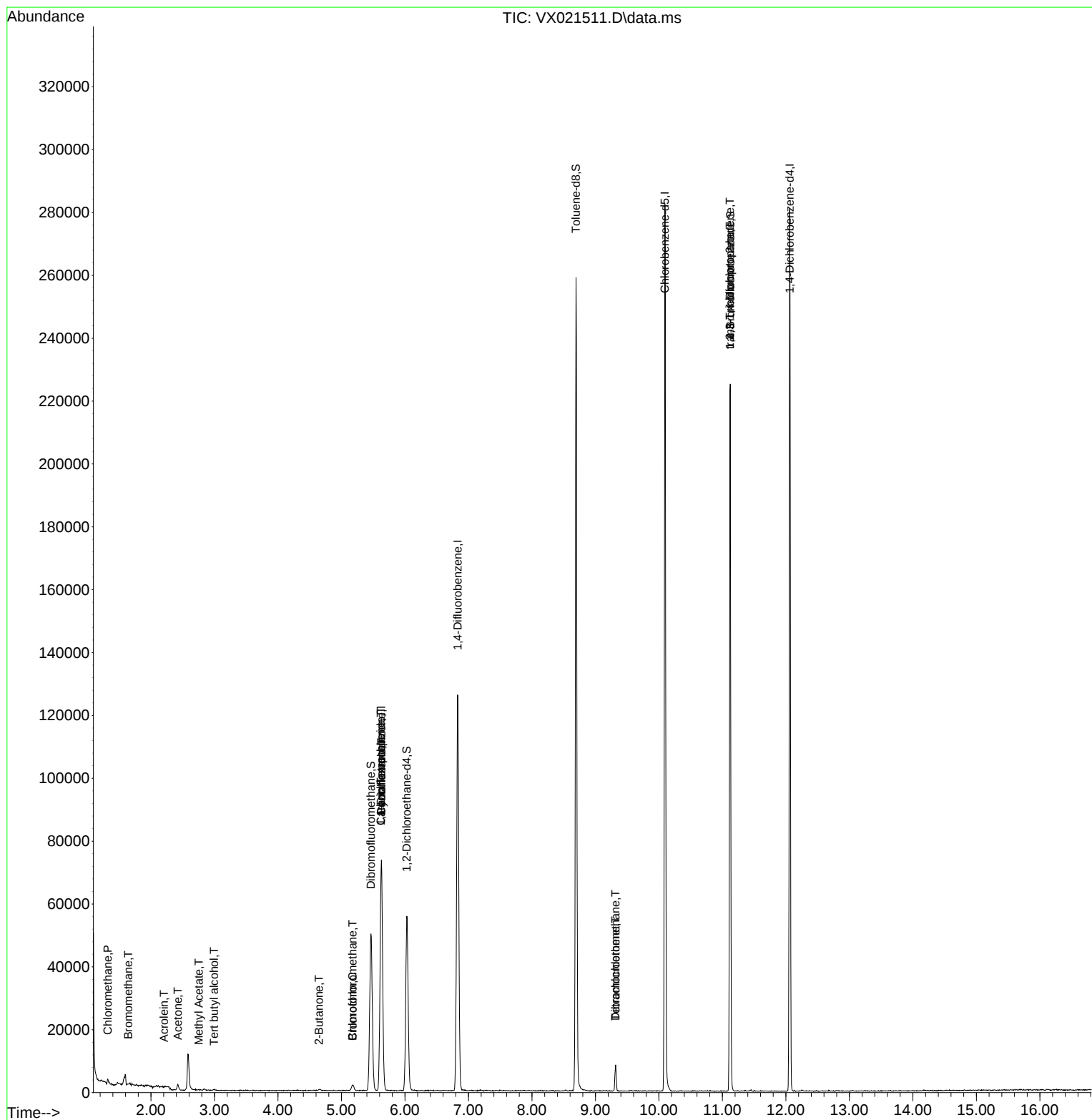
Internal Standards						
1) Pentafluorobenzene	5.629	168	62611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	115760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54681	52.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 104.98%		
35) Dibromofluoromethane	5.464	113	41760	50.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.58%		
50) Toluene-d8	8.694	98	146149	49.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 99.76%		
62) 4-Bromofluorobenzene	11.124	95	60105	52.76	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 105.52%		
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	2035	2.61	ug/l #	79
5) Bromomethane	1.640	94	192	0.68	ug/l #	76
11) Tert butyl alcohol	2.993	59	107	0.62	ug/l #	73
13) Acrolein	2.205	56	19	4.51	ug/l #	64
16) Acetone	2.423	43	1947	4.94	ug/l #	87
18) Methyl Acetate	2.752	43	339	0.30	ug/l #	47
25) 2-Butanone	4.646	43	144	0.24	ug/l #	45
28) Bromochloromethane	5.176	49	212	0.32	ug/l #	9
30) Chloroform	5.176	83	2005	1.42	ug/l	91
31) Cyclohexane	5.629	56	1898	1.66	ug/l #	32
36) 1,1-Dichloropropene	5.623	75	5934	5.23	ug/l #	48
38) Carbon Tetrachloride	5.623	117	6913	5.67	ug/l #	18
60) Dibromochloromethane	9.318	129	1430	1.52	ug/l #	11
64) Tetrachloroethene	9.318	164	1392	1.76	ug/l	89
76) 1,2,3-Trichloropropane	11.118	75	34050	28.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34050	86.75	ug/l #	12

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

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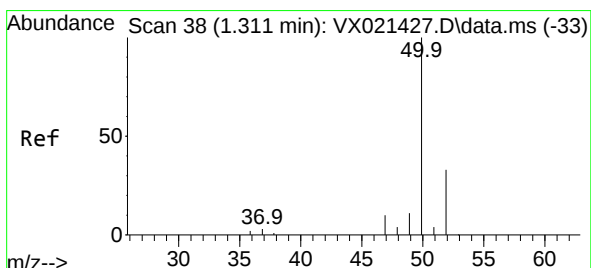
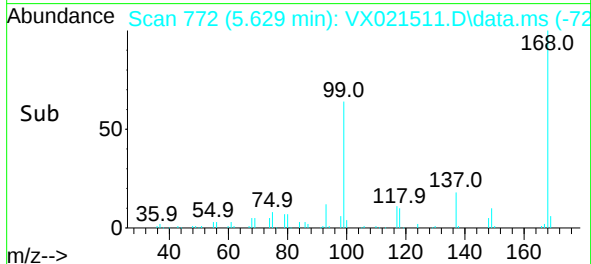
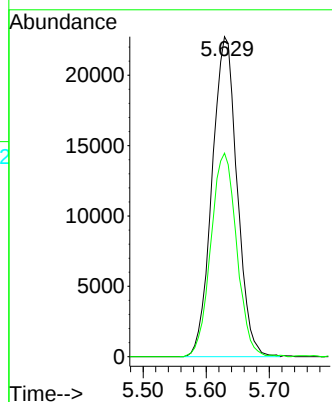
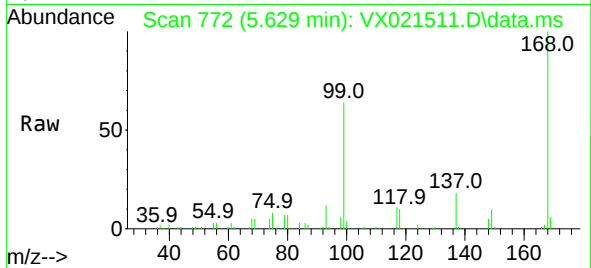




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

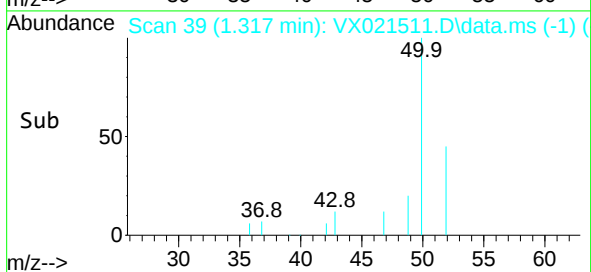
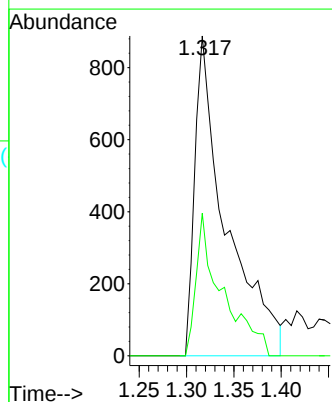
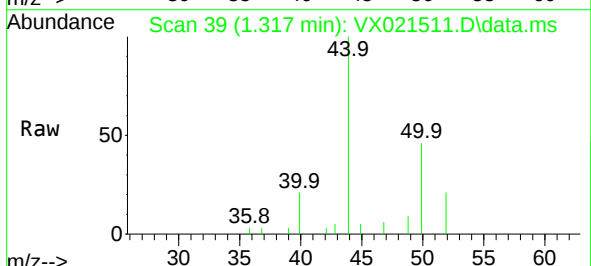
Instrument :
MSVOA_X
ClientSampleId :

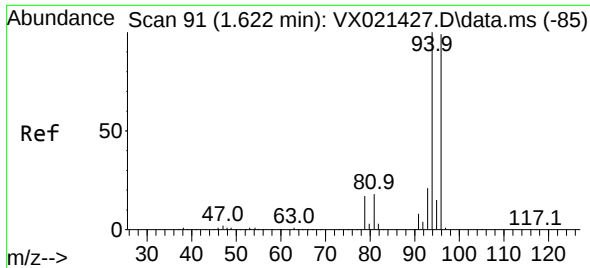
Tgt Ion:168 Resp: 62611
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#3
Chloromethane
Concen: 2.61 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 50 Resp: 2035
Ion Ratio Lower Upper
50 100
52 44.6 26.4 39.6#

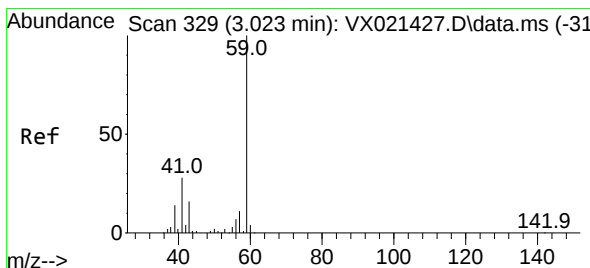
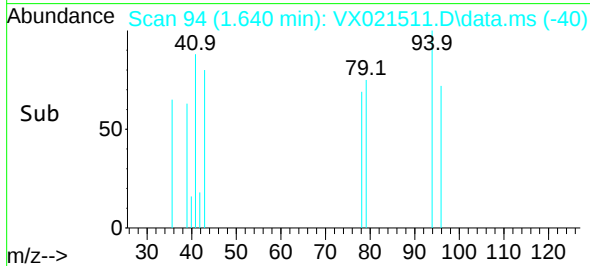
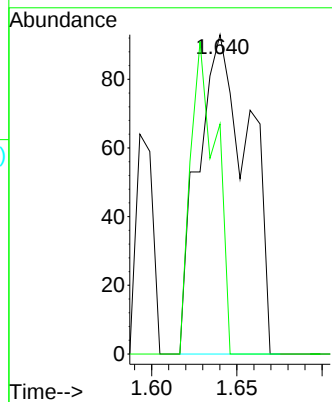
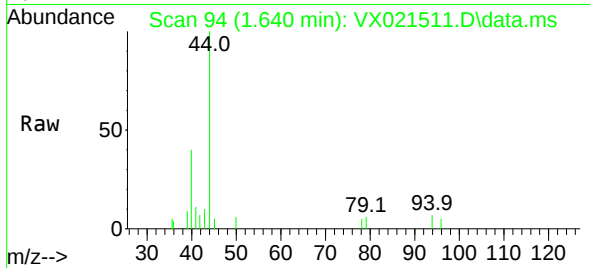




#5
Bromomethane
Concen: 0.68 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.018 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

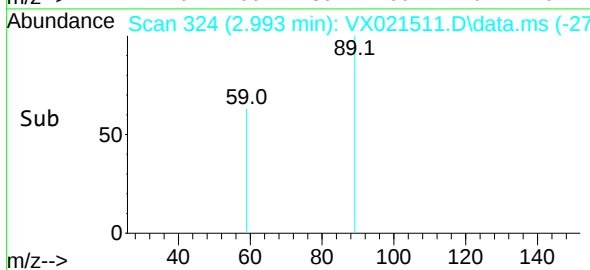
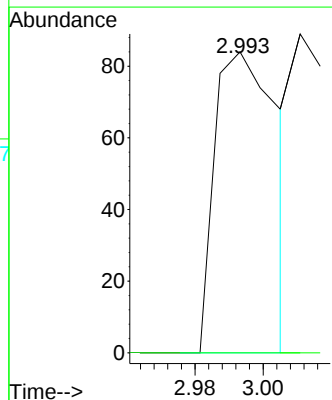
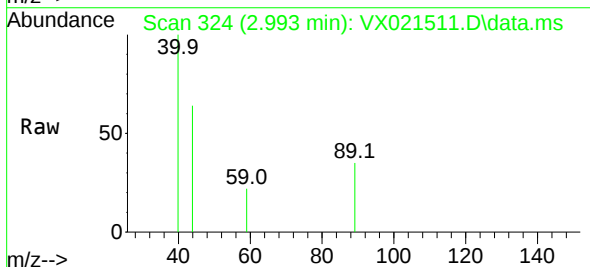
Instrument :
MSVOA_X
ClientSampled :

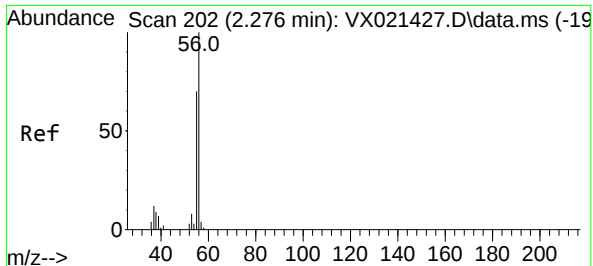
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 72.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

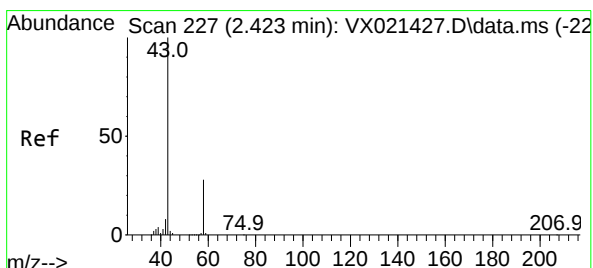
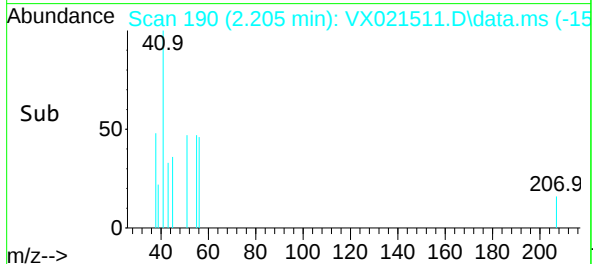
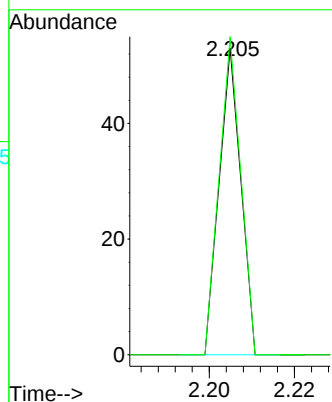
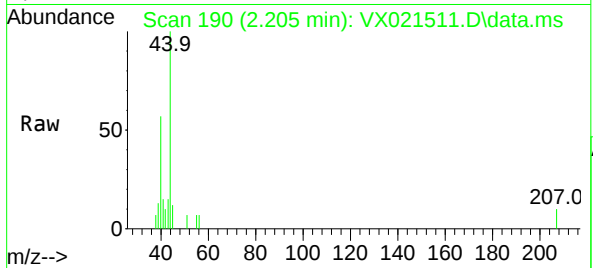




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

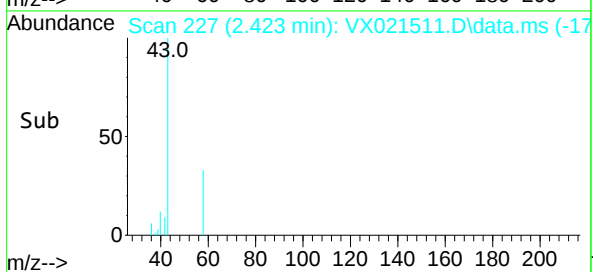
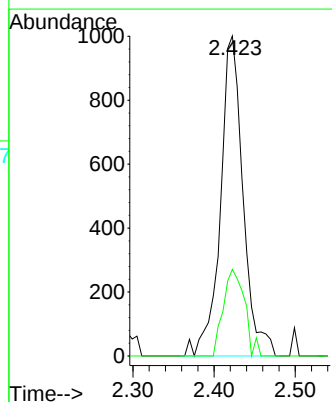
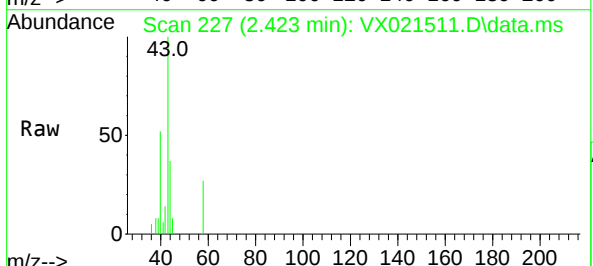
Instrument :
MSVOA_X
ClientSampled :

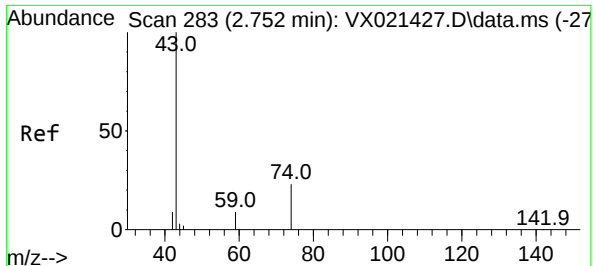
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#



#16
Acetone
Concen: 4.94 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#





#18

Methyl Acetate

Concen: 0.30 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021511.D

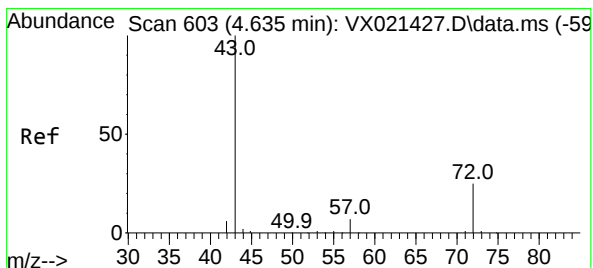
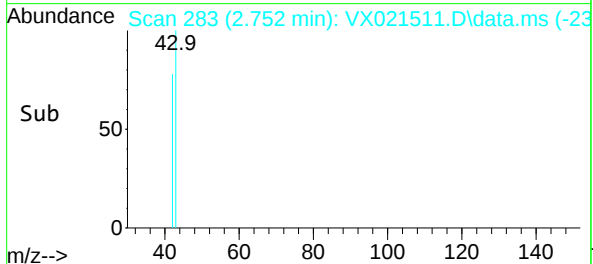
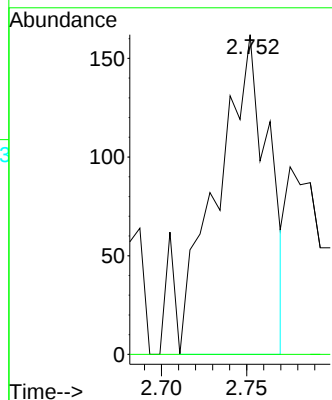
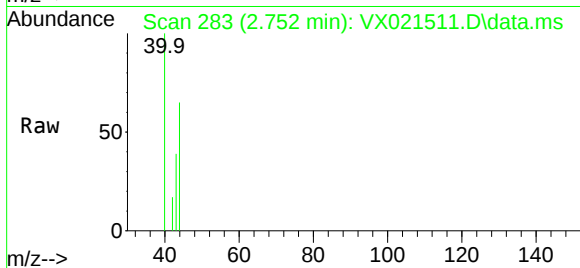
Acq: 26 Mar 2021 01:41

Tgt Ion: 43 Resp: 339

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#25

2-Butanone

Concen: 0.24 ug/l

RT: 4.646 min Scan# 605

Delta R.T. 0.011 min

Lab File: VX021511.D

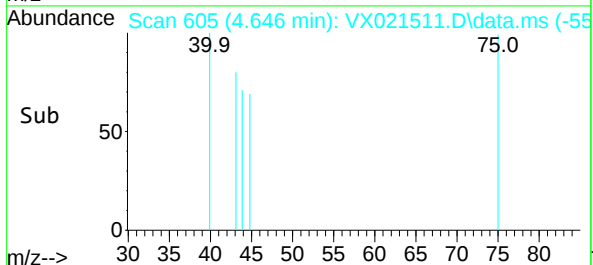
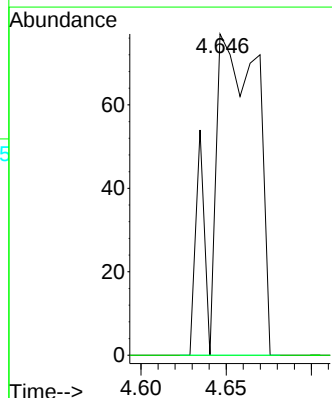
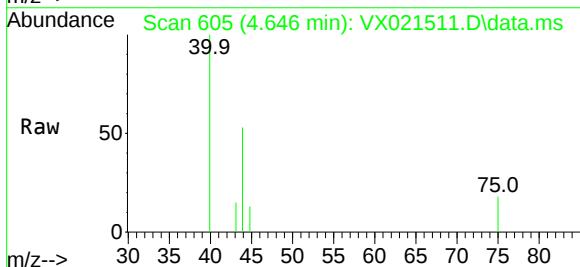
Acq: 26 Mar 2021 01:41

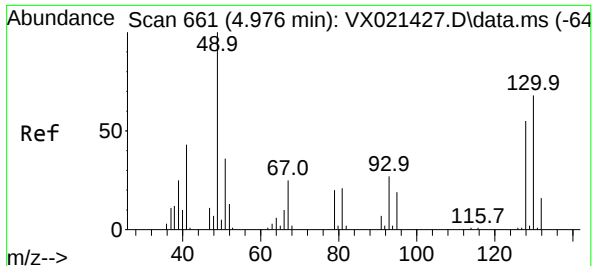
Tgt Ion: 43 Resp: 144

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

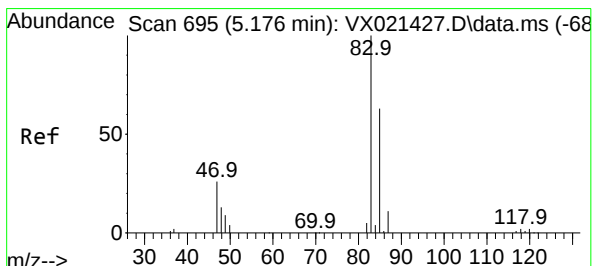
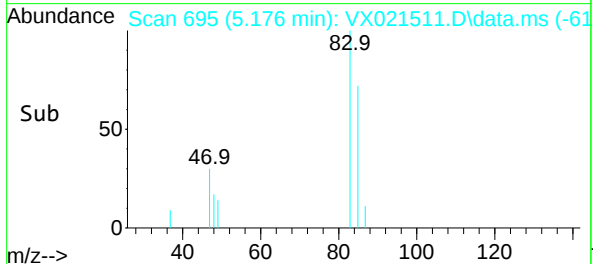
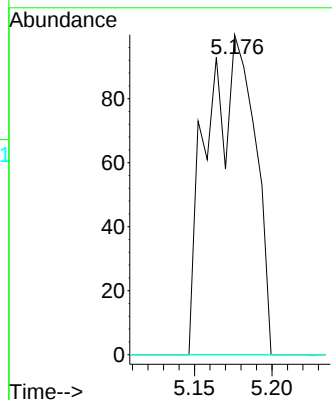
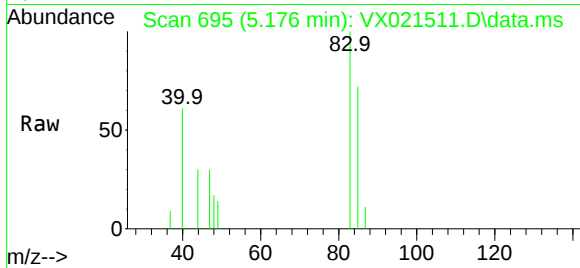




#28
Bromochloromethane
Concen: 0.32 ug/l
RT: 5.176 min Scan# 695
Delta R.T. 0.200 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

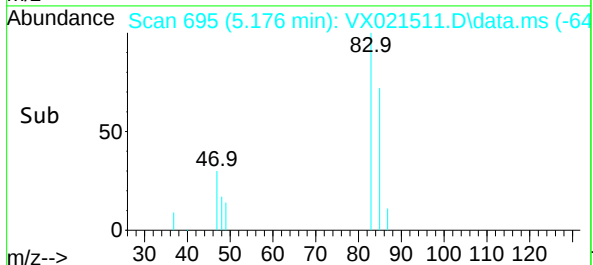
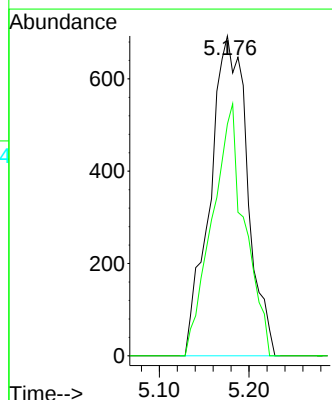
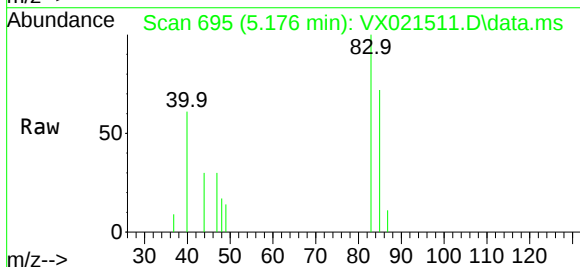
Instrument :
MSVOA_X
ClientSampleId :

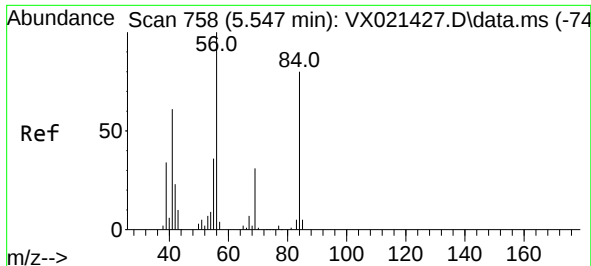
Tgt Ion: 49 Resp: 212
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 1.42 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

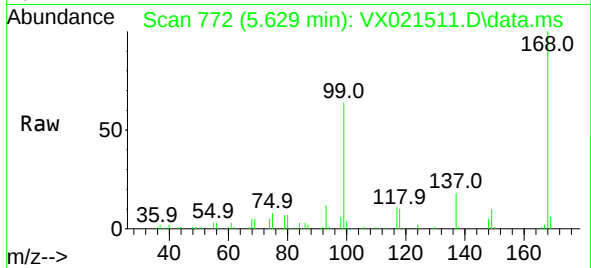
Tgt Ion: 83 Resp: 2005
Ion Ratio Lower Upper
83 100
85 72.4 52.0 78.0



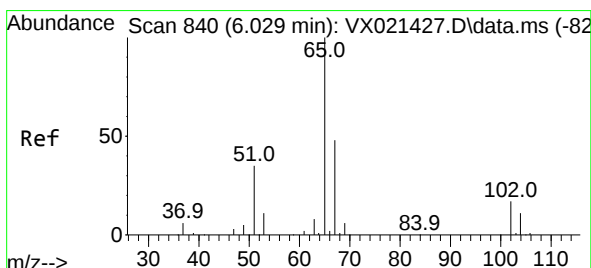
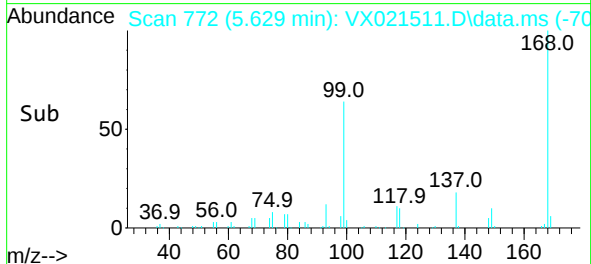
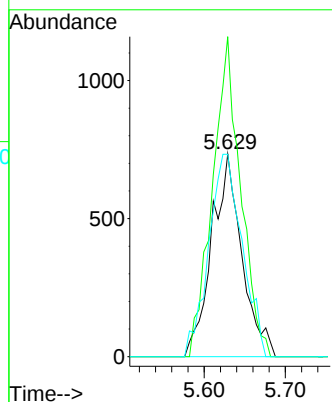


#31
Cyclohexane
Concen: 1.66 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Instrument :
MSVOA_X
ClientSampleId :

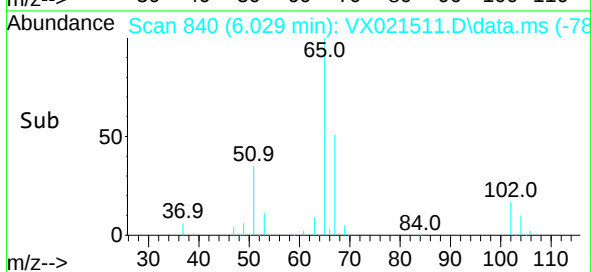
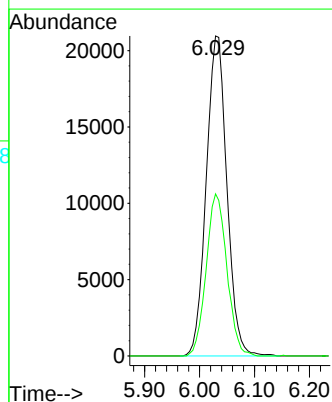
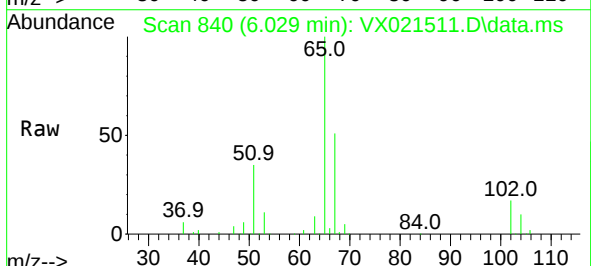


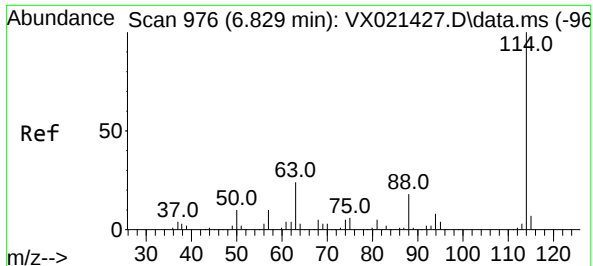
Tgt Ion: 56 Resp: 1898
Ion Ratio Lower Upper
56 100
69 157.9 25.3 37.9#
84 99.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.49 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 65 Resp: 54681
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

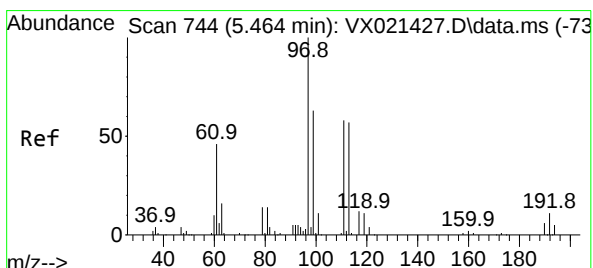
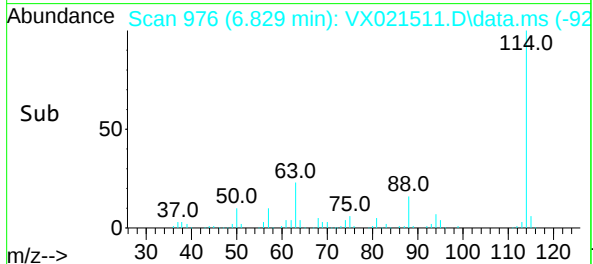
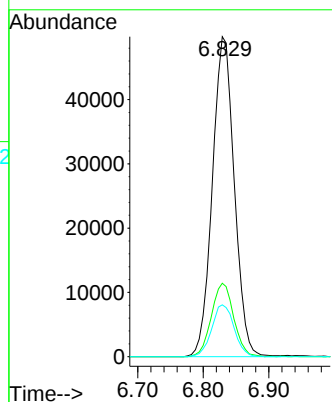
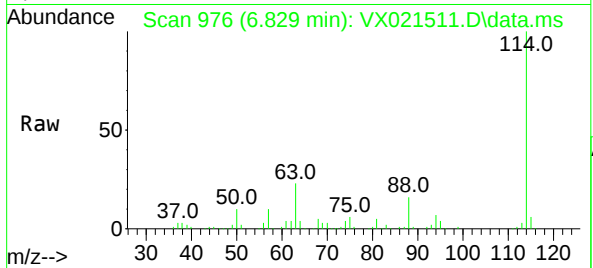




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

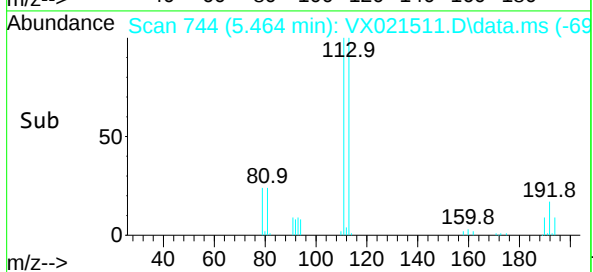
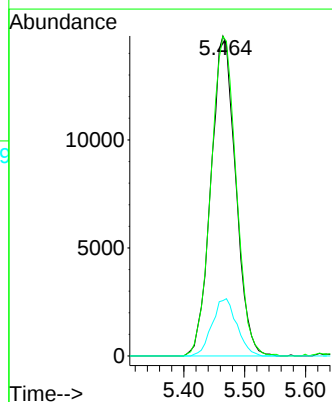
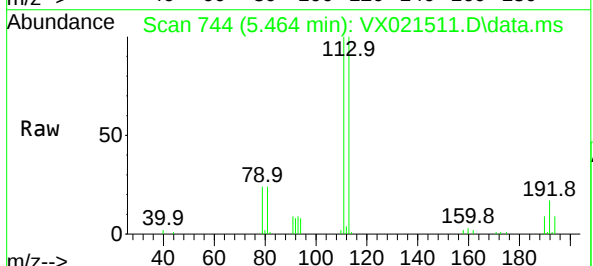
Instrument :
MSVOA_X
ClientSampleId :

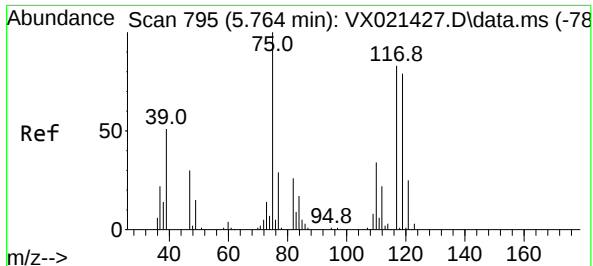
Tgt Ion:114 Resp: 115760
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.79 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion:113 Resp: 41760
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 17.9 16.7 25.1

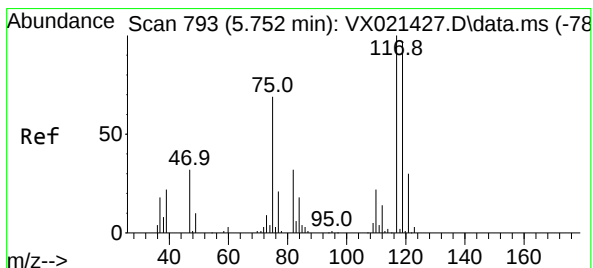
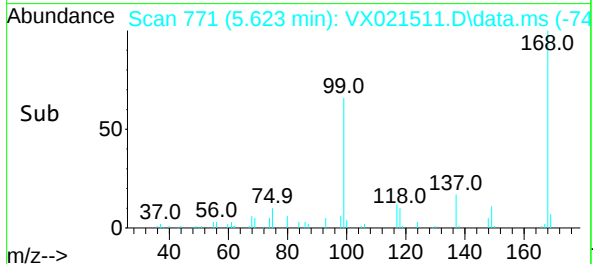
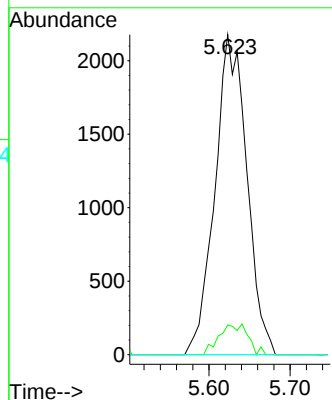
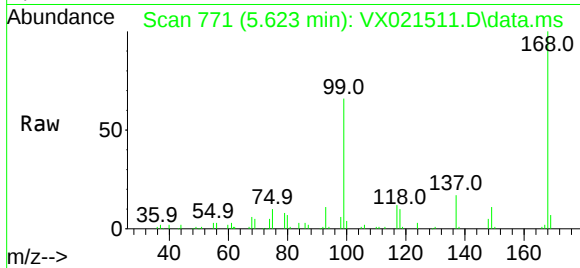




#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

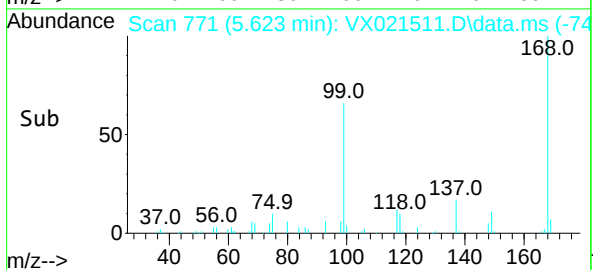
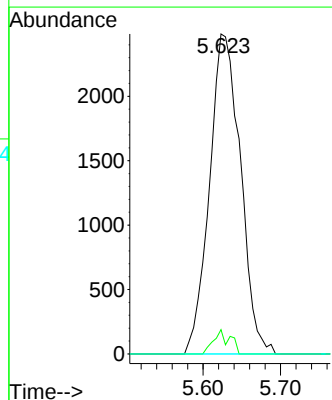
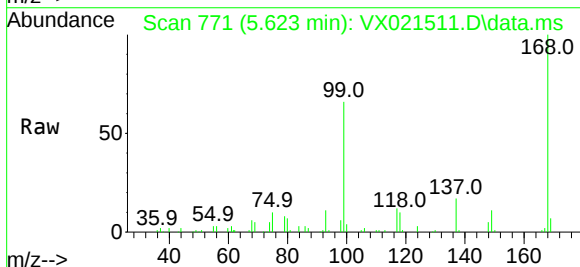
Instrument :
MSVOA_X
ClientSampleId :

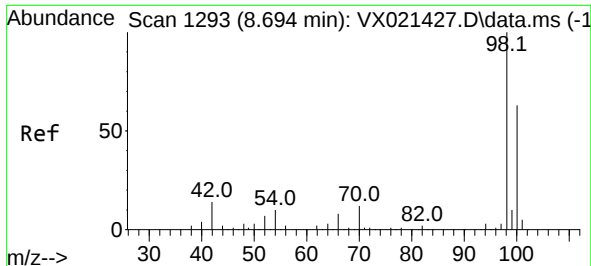
Tgt Ion: 75 Resp: 5934
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 117 Resp: 6913
Ion Ratio Lower Upper
117 100
119 7.6 76.2 114.2#
121 0.0 24.8 37.2#

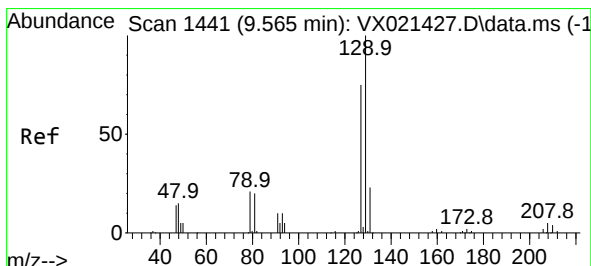
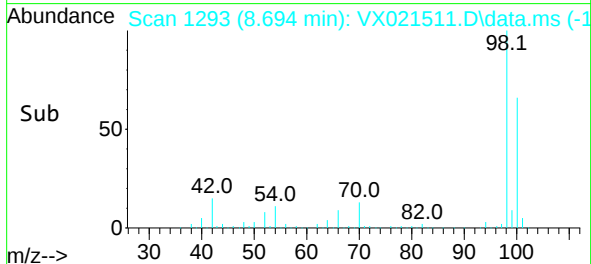
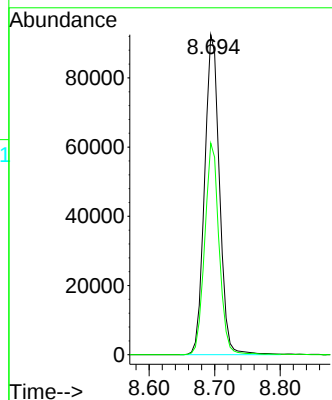
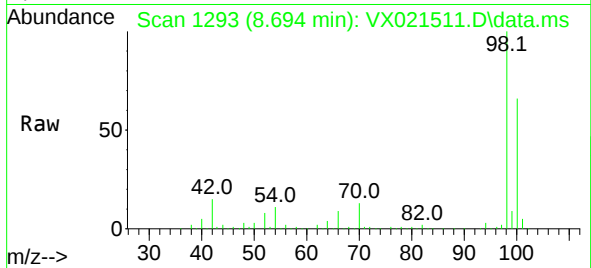




#50
Toluene-d8
Concen: 49.88 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

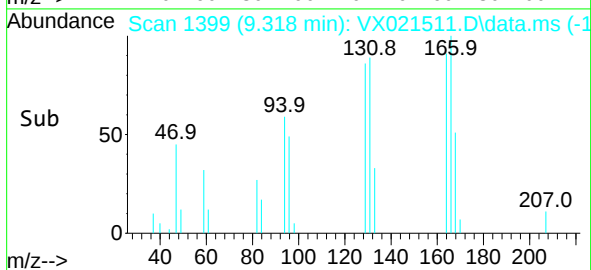
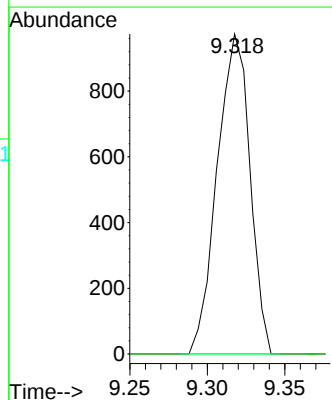
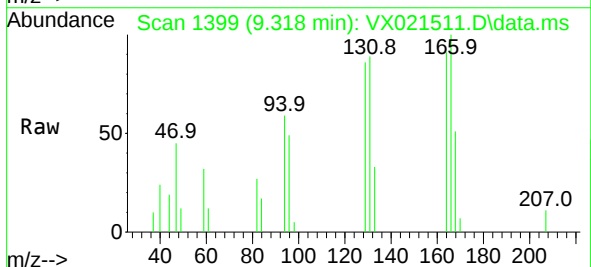
Instrument :
MSVOA_X
ClientSampled :

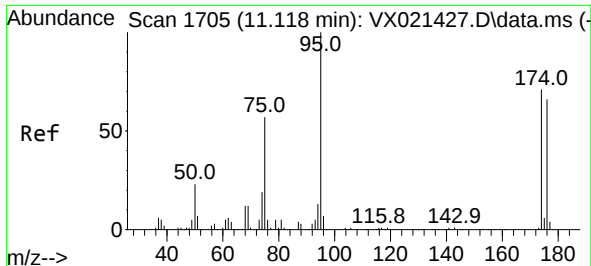
Tgt Ion: 98 Resp: 146149
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#60
Dibromochloromethane
Concen: 1.52 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion:129 Resp: 1430
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

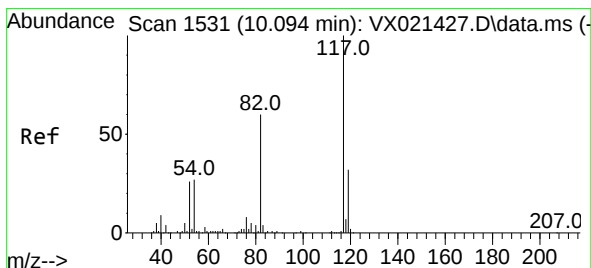
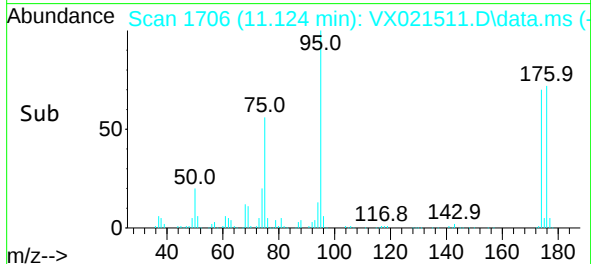
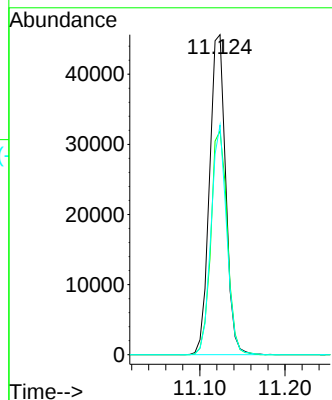
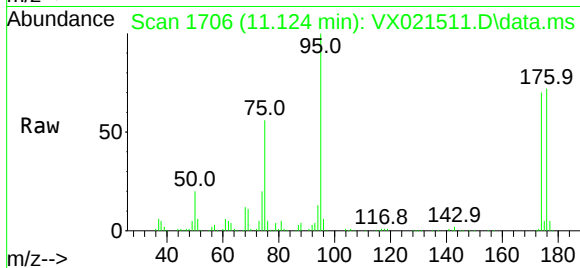




#62
4-Bromofluorobenzene
Concen: 52.76 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

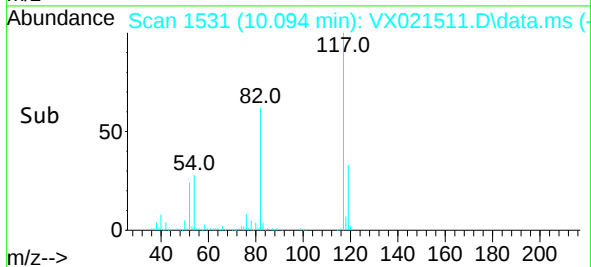
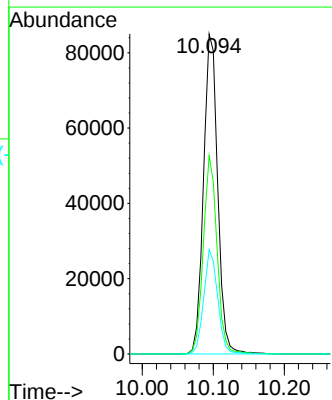
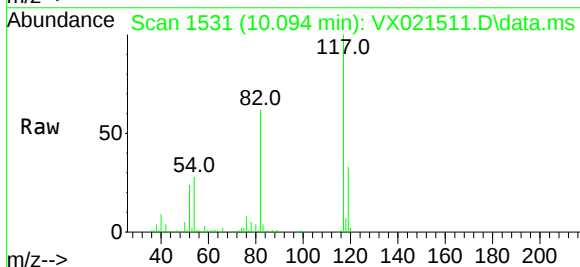
Instrument :
MSVOA_X
ClientSampleId :

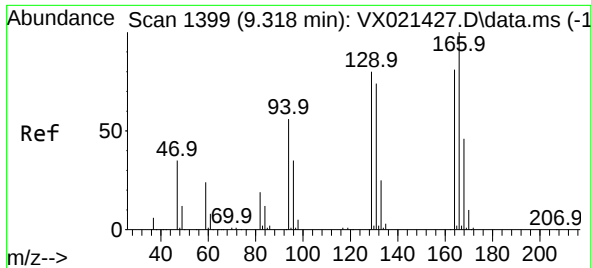
Tgt Ion: 95 Resp: 60105
Ion Ratio Lower Upper
95 100
174 70.9 0.0 154.6
176 69.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

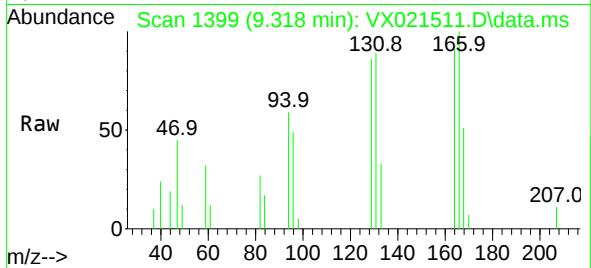
Tgt Ion: 117 Resp: 118261
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 32.6 26.6 39.8



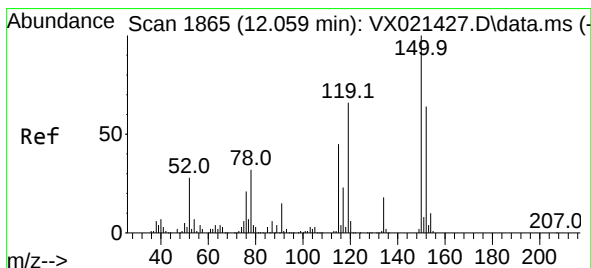
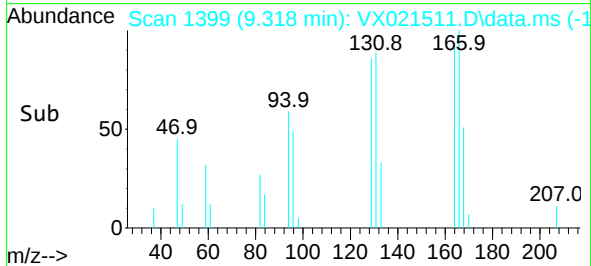
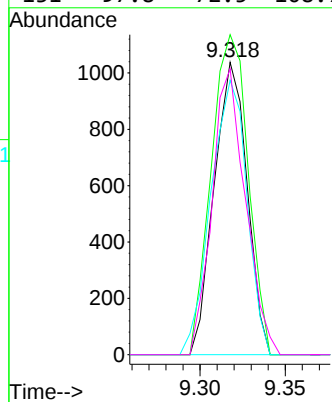


#64
Tetrachloroethene
Concen: 1.76 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Instrument :
MSVOA_X
ClientSampleId :

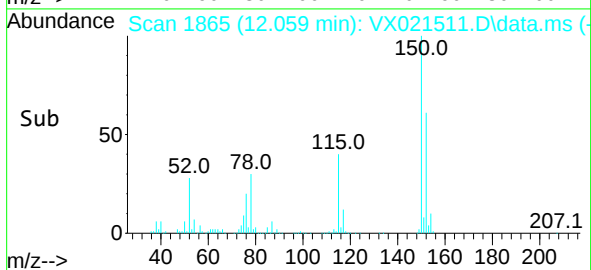
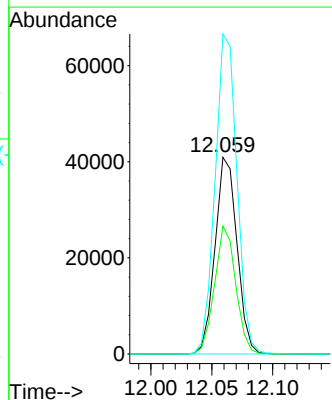
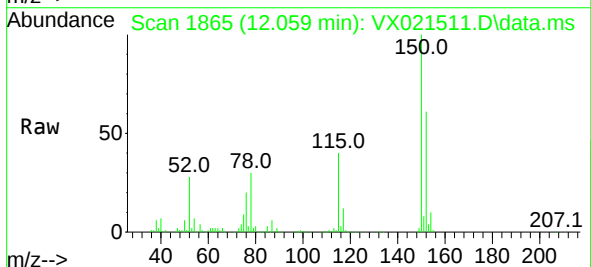


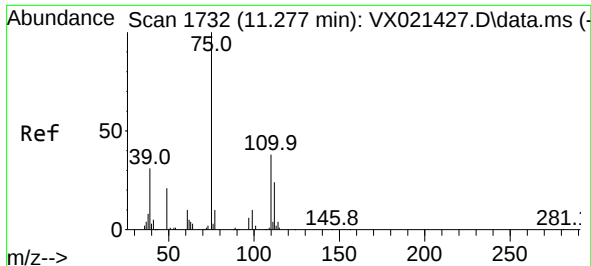
Tgt Ion:	164	Resp:	1392
Ion	Ratio	Lower	Upper
164	100		
166	109.4	103.4	155.2
129	93.8	70.8	106.2
131	97.8	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion:	152	Resp:	51355
Ion	Ratio	Lower	Upper
152	100		
115	62.8	41.1	123.3
150	162.1	0.0	349.0

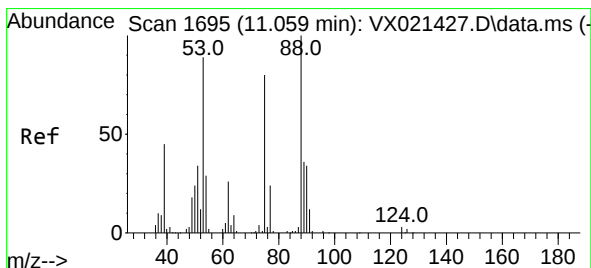
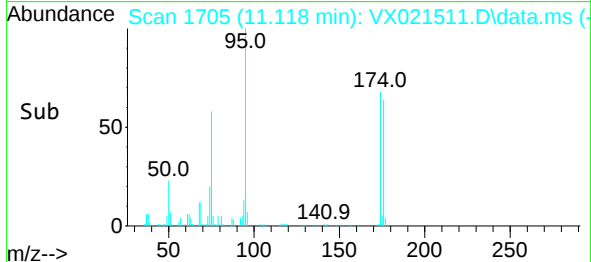
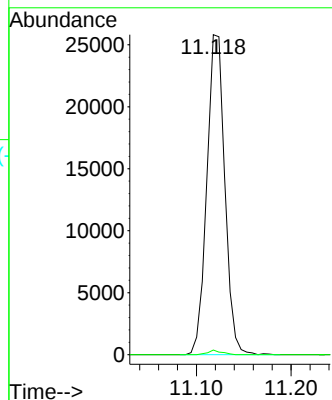
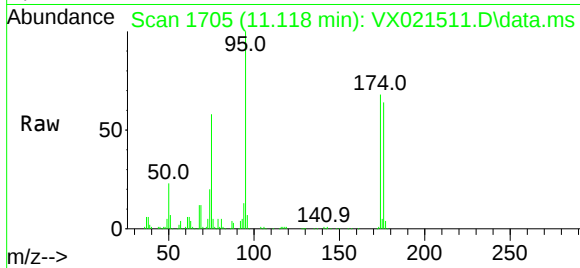




#76
1,2,3-Trichloropropane
Concen: 28.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34050
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.75 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021511.D
Acq: 26 Mar 2021 01:41

Tgt Ion: 75 Resp: 34050
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

