

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021793.D
 Acq On : 21 Apr 2021 15:26
 Operator : JC/MD
 Sample : M2122-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 08:58:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

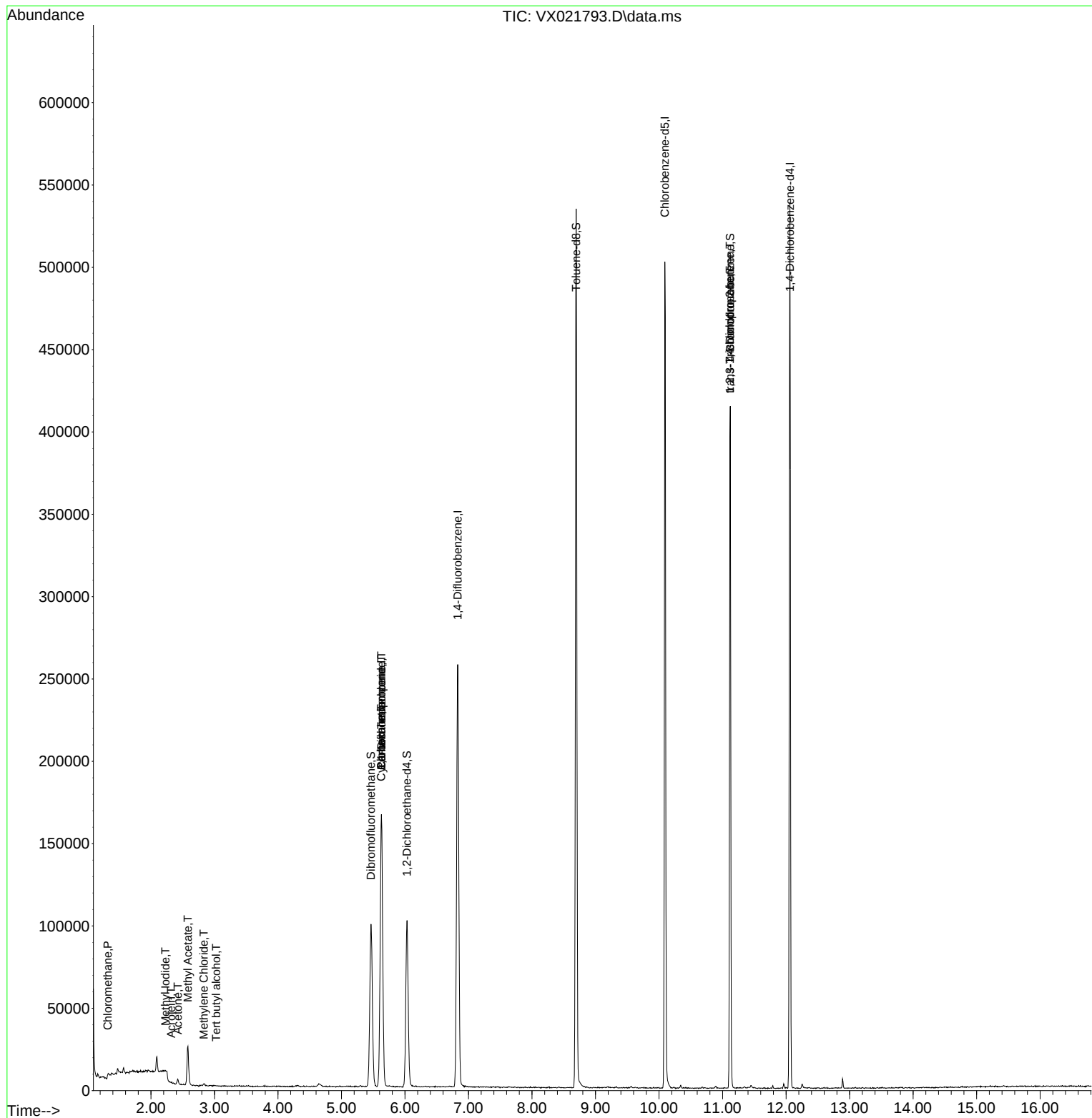
Internal Standards						
1) Pentafluorobenzene	5.629	168	161041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	276984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	249691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	116077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94234	51.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.16%
35) Dibromofluoromethane	5.464	113	88391	49.90	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.80%
50) Toluene-d8	8.695	98	332626	48.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.68%
62) 4-Bromofluorobenzene	11.122	95	118602	46.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.26%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1378	0.97	ug/l	96
10) Methyl Iodide	2.227	142	19	8.16	ug/l #	1
11) Tert butyl alcohol	3.026	59	114	0.28	ug/l #	1
13) Acrolein	2.319	56	76	0.23	ug/l #	8
16) Acetone	2.422	43	3384	5.39	ug/l	100
18) Methyl Acetate	2.581	43	5485	3.22	ug/l #	47
20) Methylene Chloride	2.831	84	505	0.27	ug/l #	75
31) Cyclohexane	5.623	56	2859	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11445	4.68	ug/l #	46
38) Carbon Tetrachloride	5.629	117	15813	5.91	ug/l #	15
76) 1,2,3-Trichloropropane	11.116	75	54807	23.81	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	54807	54.75	ug/l #	12

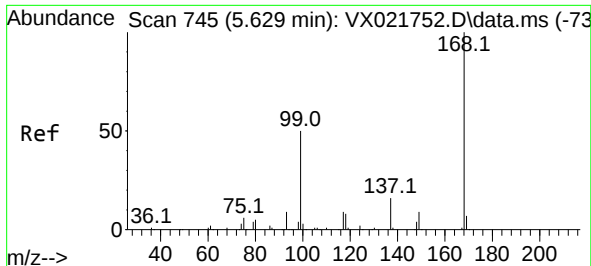
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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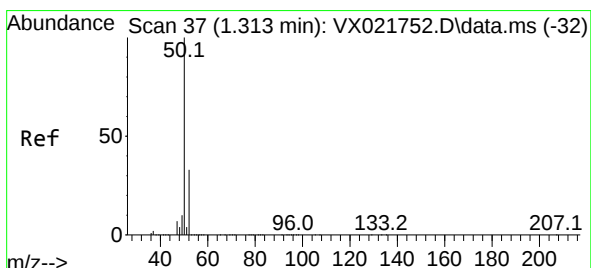
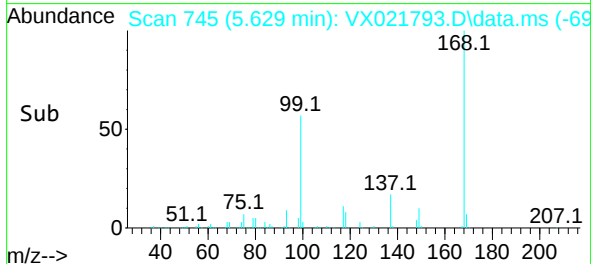
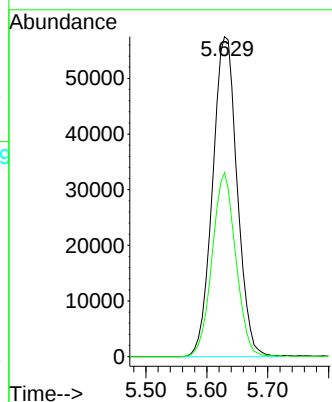
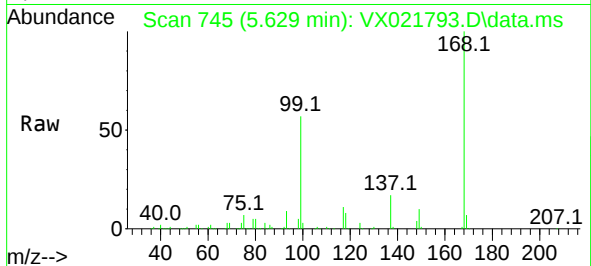




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

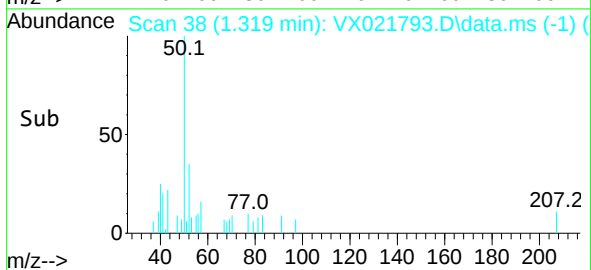
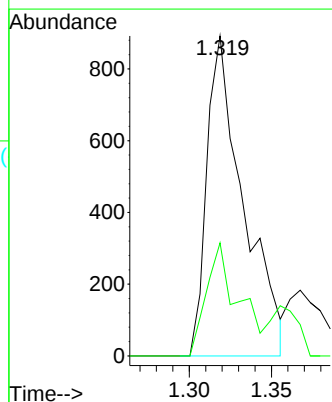
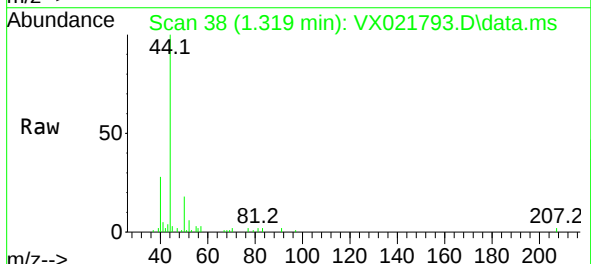
Instrument :
MSVOA_X
ClientSampled :

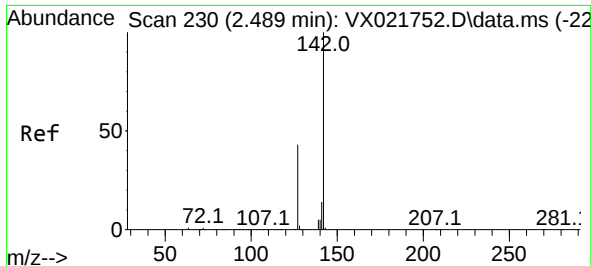
Tgt Ion:168 Resp: 161041
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#3
Chloromethane
Concen: 0.97 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 35.3 26.4 39.6

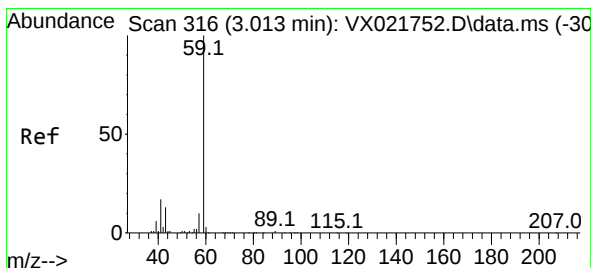
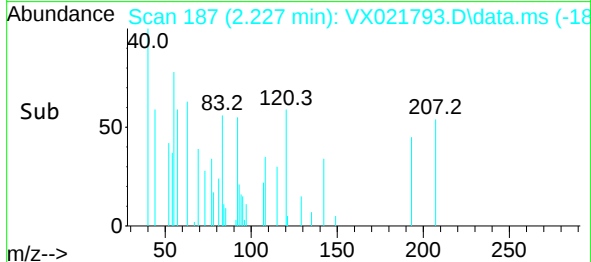
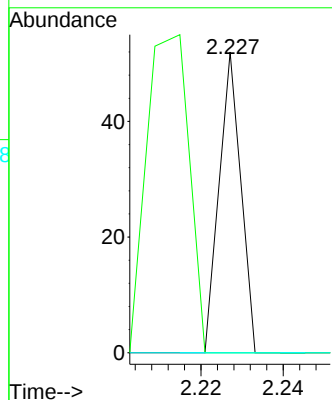
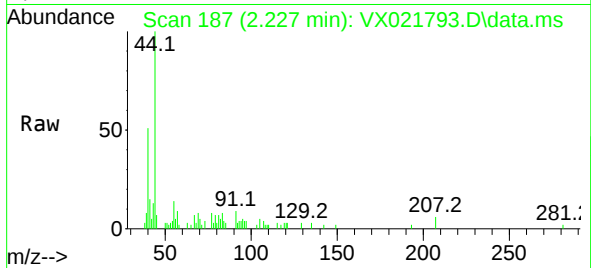




#10
Methyl Iodide
Concen: 8.16 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.262 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

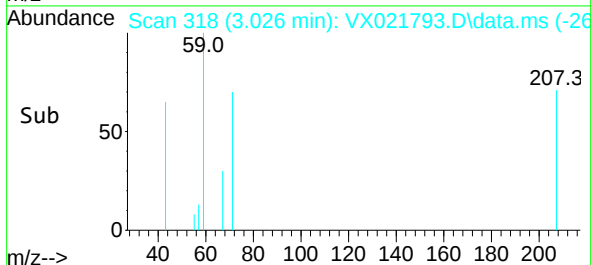
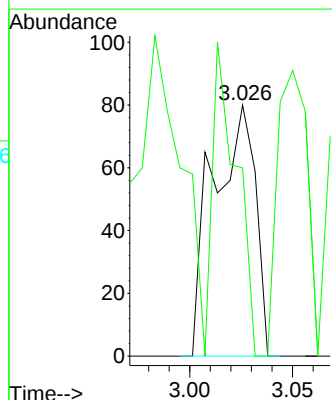
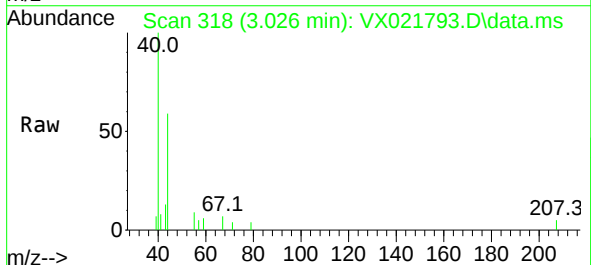
Instrument :
MSVOA_X
ClientSampled :

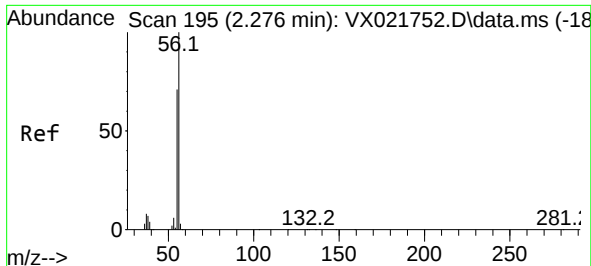
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 210.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 3.026 min Scan# 318
Delta R.T. 0.013 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 71.1 7.8 11.8#

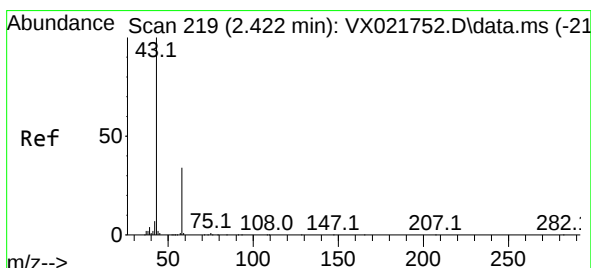
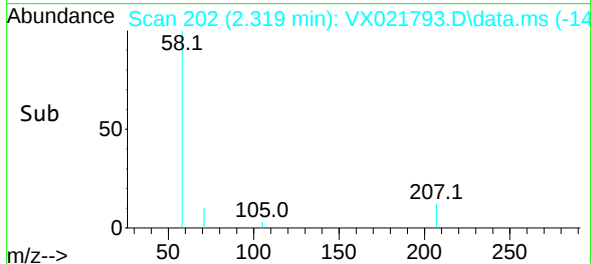
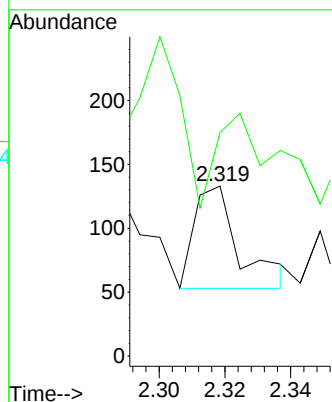
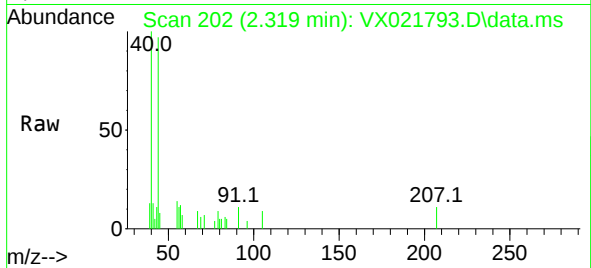




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.043 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

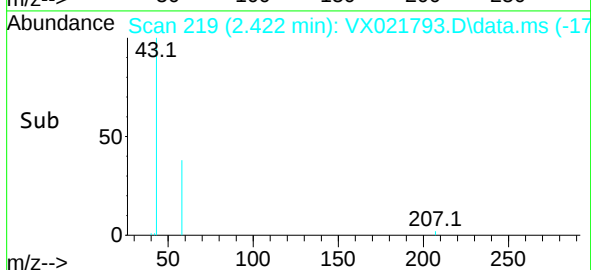
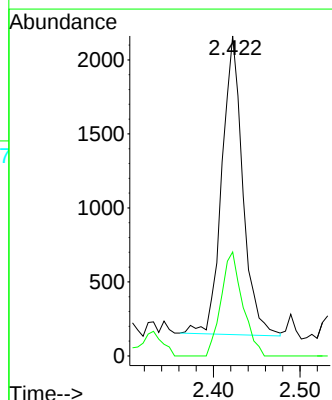
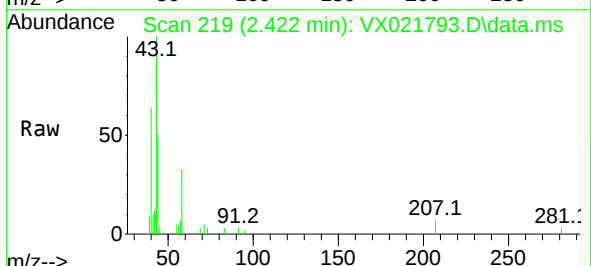
Instrument :
MSVOA_X
ClientSampled :

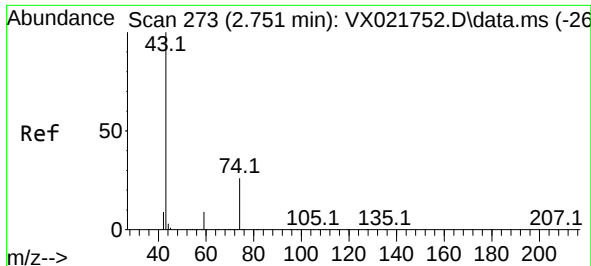
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 146.1 56.4 84.6#



#16
Acetone
Concen: 5.39 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8





#18

Methyl Acetate

Concen: 3.22 ug/l

RT: 2.581 min Scan# 245

Delta R.T. -0.170 min

Lab File: VX021793.D

Acq: 21 Apr 2021 15:26

Tgt Ion: 43 Resp: 5485

Ion Ratio Lower Upper

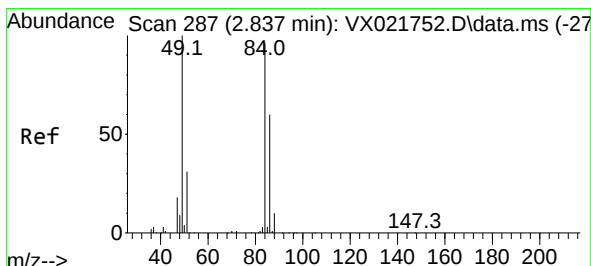
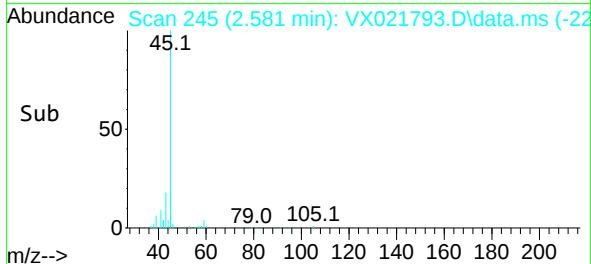
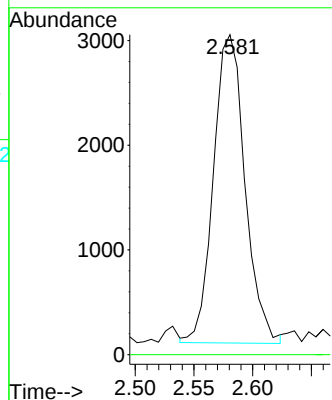
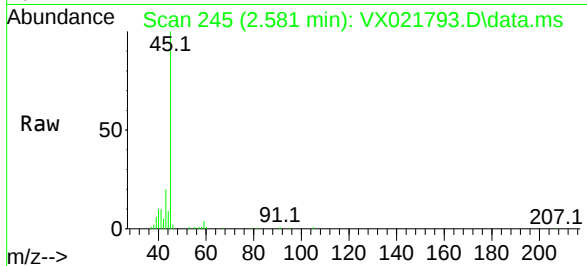
43 100

74 0.0 21.9 32.9#

Instrument :

MSVOA_X

ClientSampled :



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.006 min

Lab File: VX021793.D

Acq: 21 Apr 2021 15:26

Tgt Ion: 84 Resp: 505

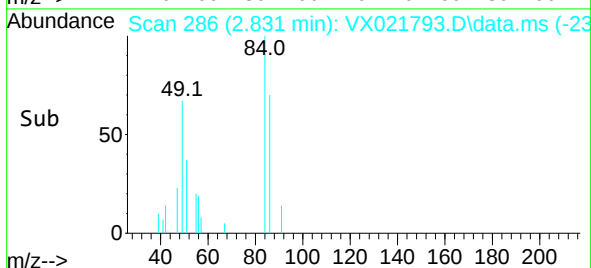
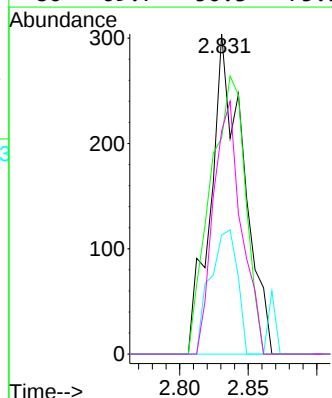
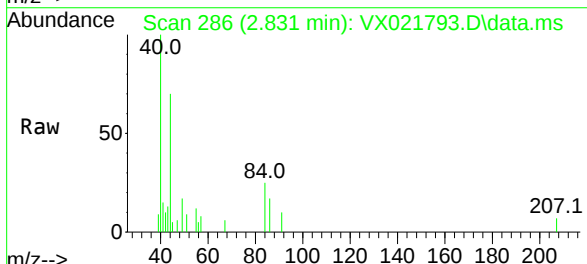
Ion Ratio Lower Upper

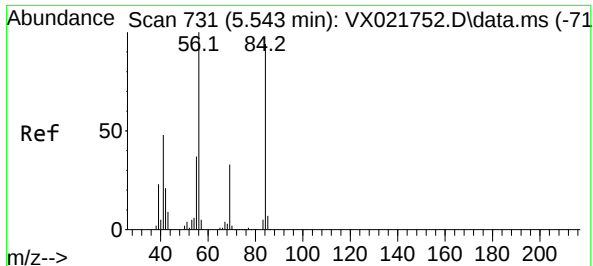
84 100

49 67.4 88.6 132.8#

51 37.2 27.0 40.6

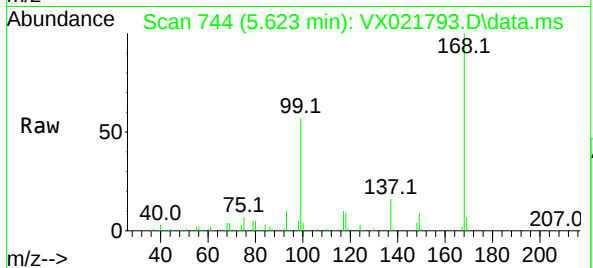
86 69.7 50.3 75.5



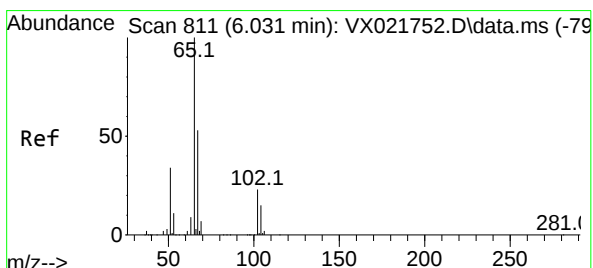
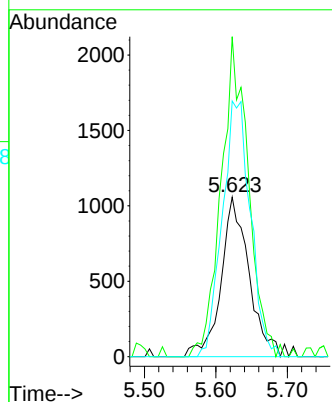
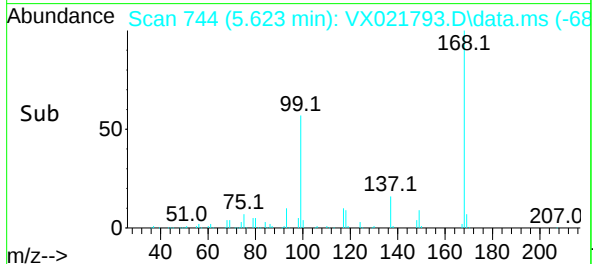


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

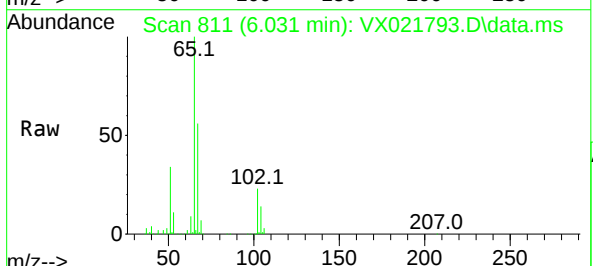
Instrument :
MSVOA_X
ClientSampled :



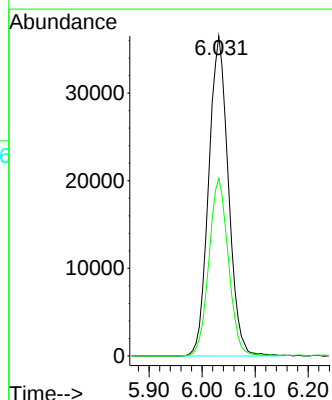
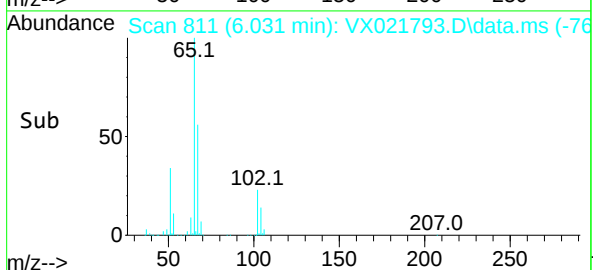
Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 200.6 25.3 37.9#
84 167.6 71.4 107.0#

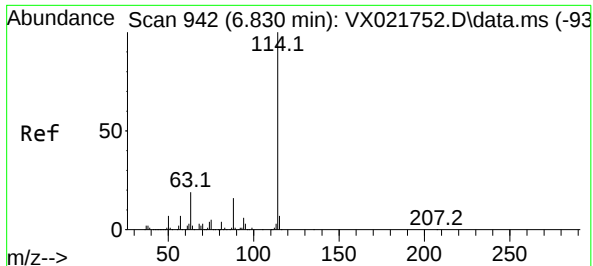


#33
1,2-Dichloroethane-d4
Concen: 51.58 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26



Tgt Ion: 65 Resp: 94234
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.4

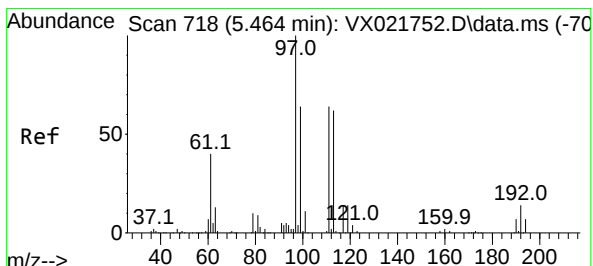
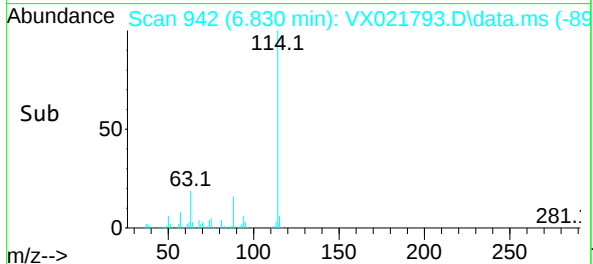
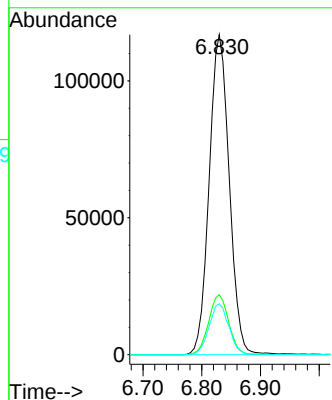
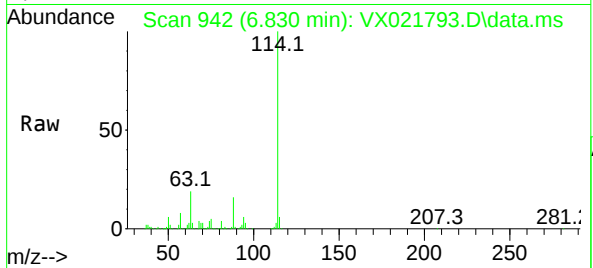




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

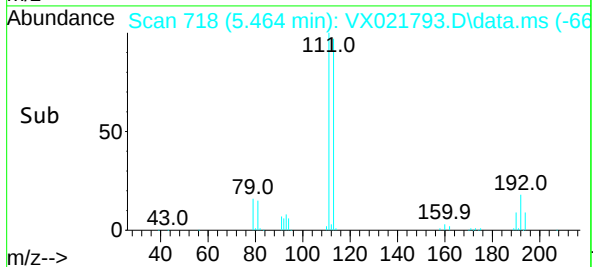
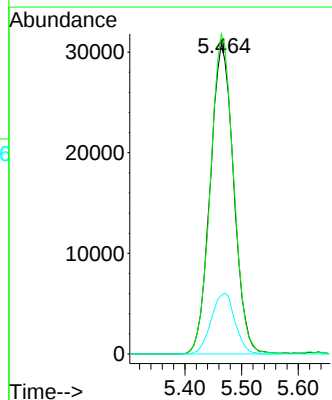
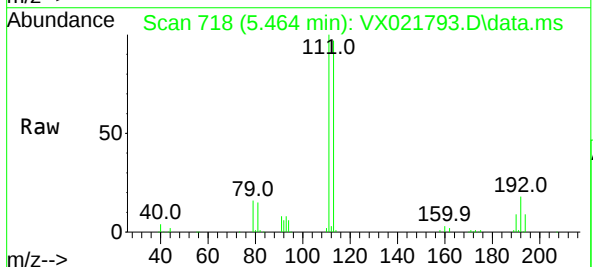
Instrument :
MSVOA_X
ClientSampled :

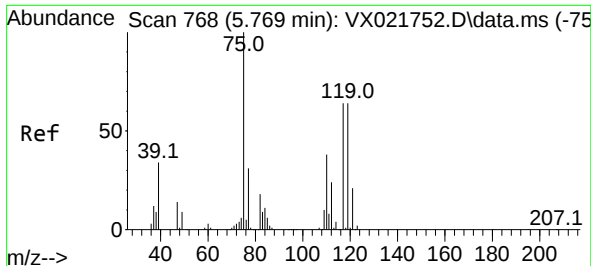
Tgt Ion:114 Resp: 276984
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.90 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

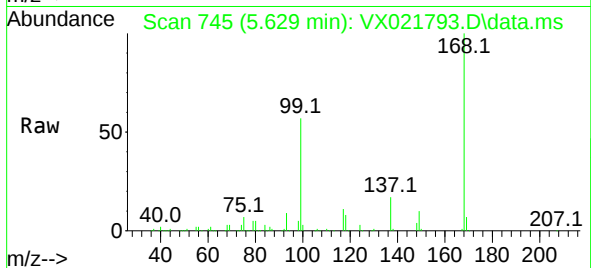
Tgt Ion:113 Resp: 88391
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.8 16.7 25.1



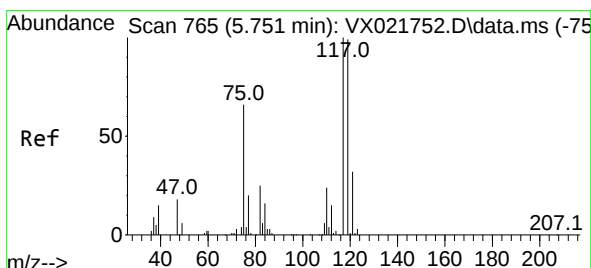
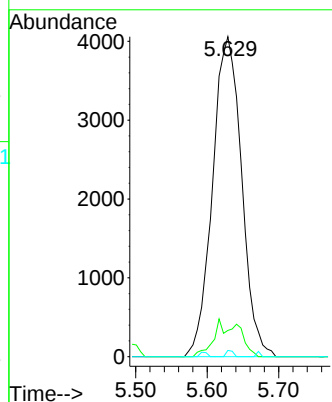
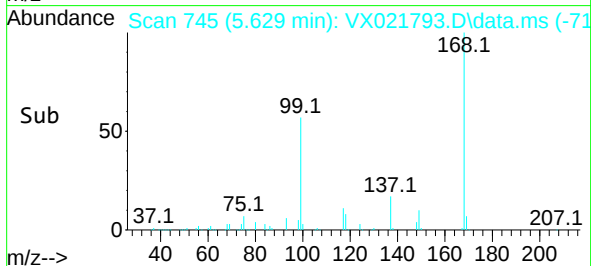


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

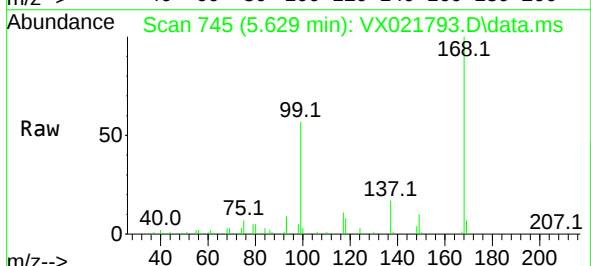
Instrument :
MSVOA_X
ClientSampled :



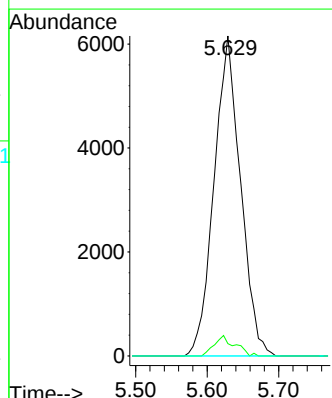
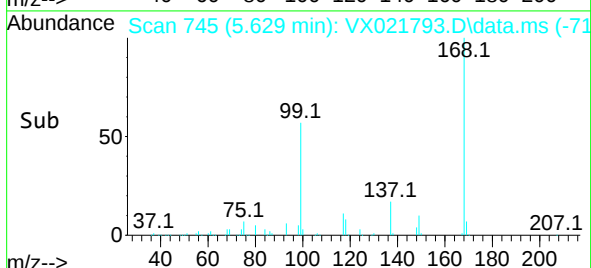
Tgt Ion: 75 Resp: 11445
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.4#
77 0.5 25.3 37.9#

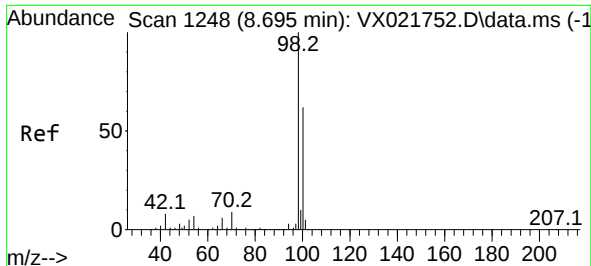


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26



Tgt Ion: 117 Resp: 15813
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

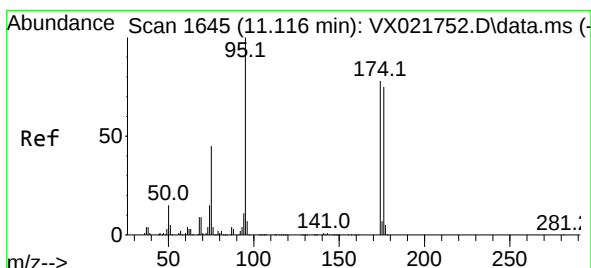
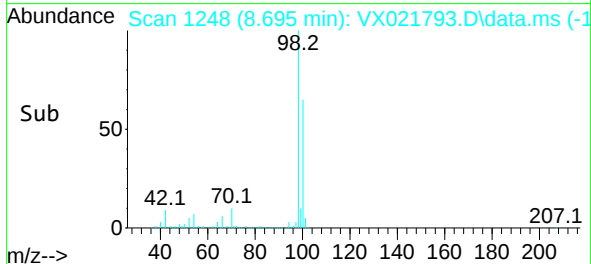
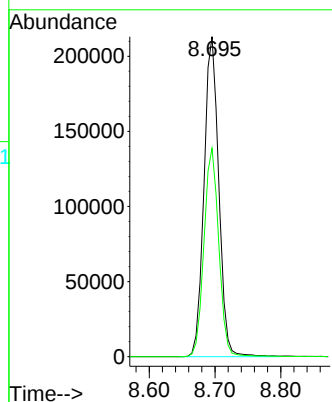
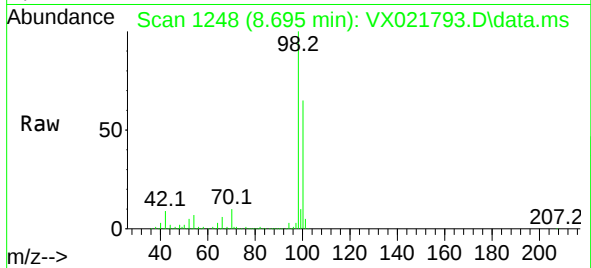




#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

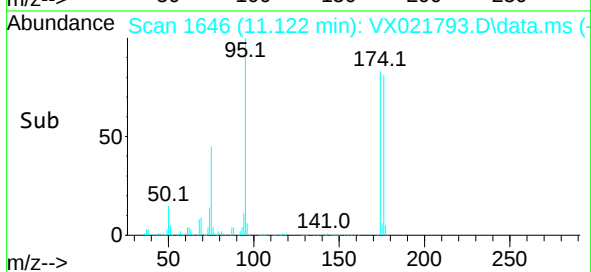
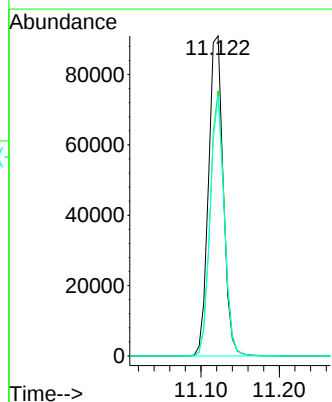
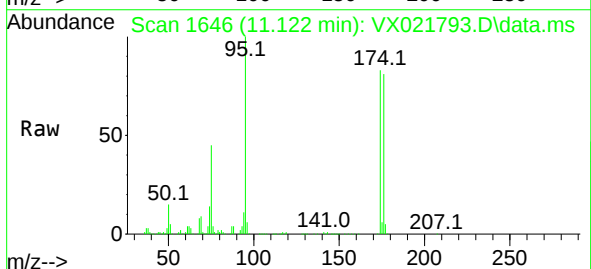
Instrument :
MSVOA_X
ClientSampled :

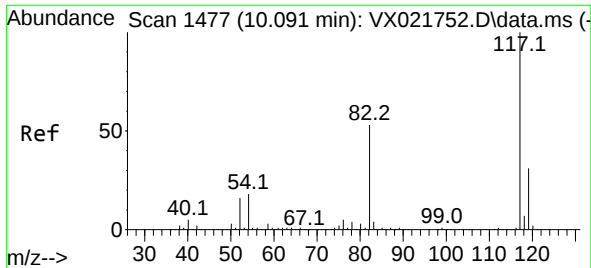
Tgt Ion: 98 Resp: 332626
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion: 95 Resp: 118602
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 77.5 0.0 155.8

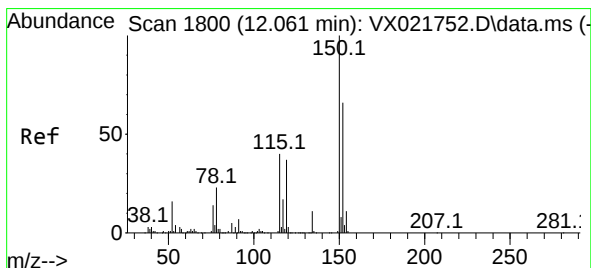
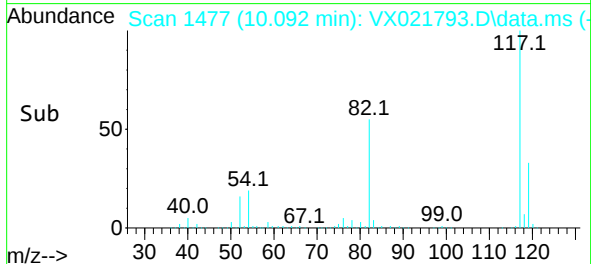
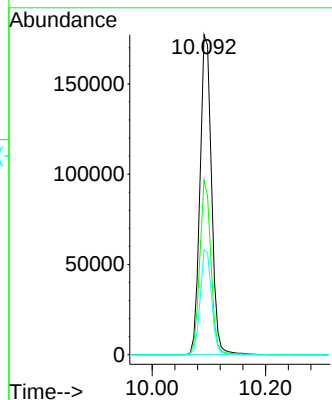
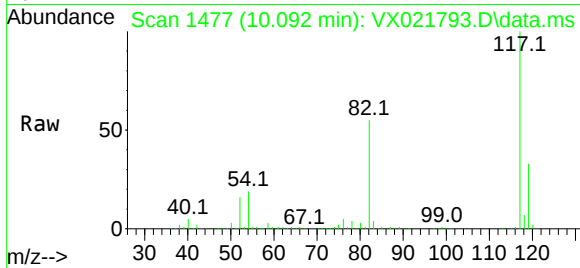




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

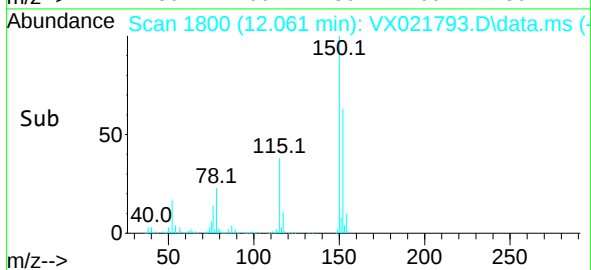
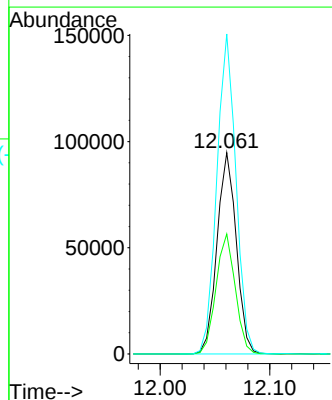
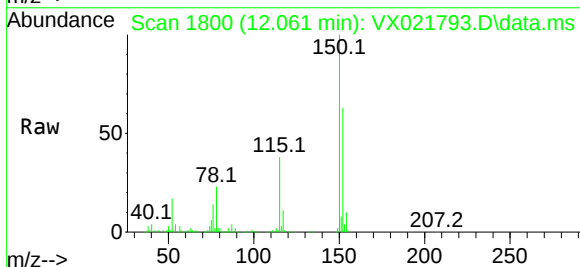
Instrument :
MSVOA_X
ClientSampled :

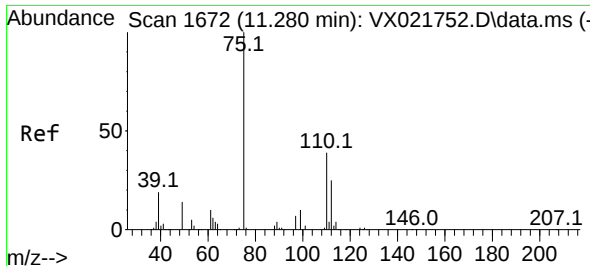
Tgt Ion:117 Resp: 249691
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion:152 Resp: 116077
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 157.5 0.0 349.0

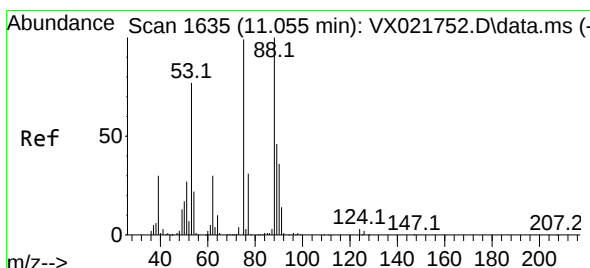
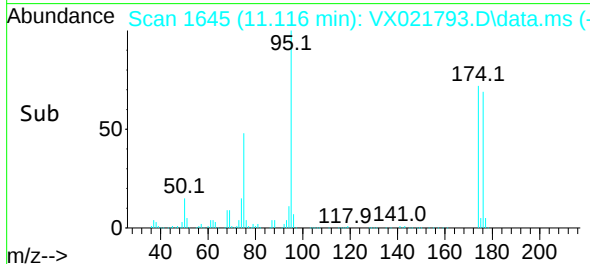
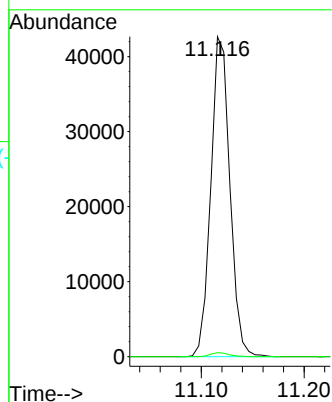
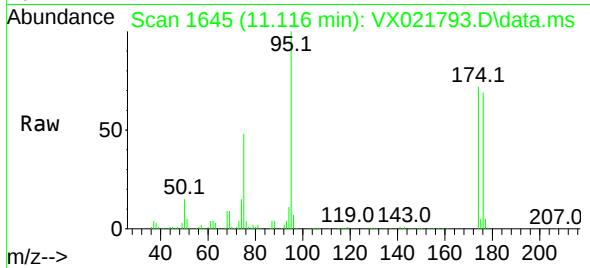




#76
1,2,3-Trichloropropane
Concen: 23.81 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54807
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.75 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021793.D
Acq: 21 Apr 2021 15:26

Tgt Ion: 75 Resp: 54807
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

