

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021851.D
 Acq On : 23 Apr 2021 18:39
 Operator : JC/MD
 Sample : M2164-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:06:32 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)

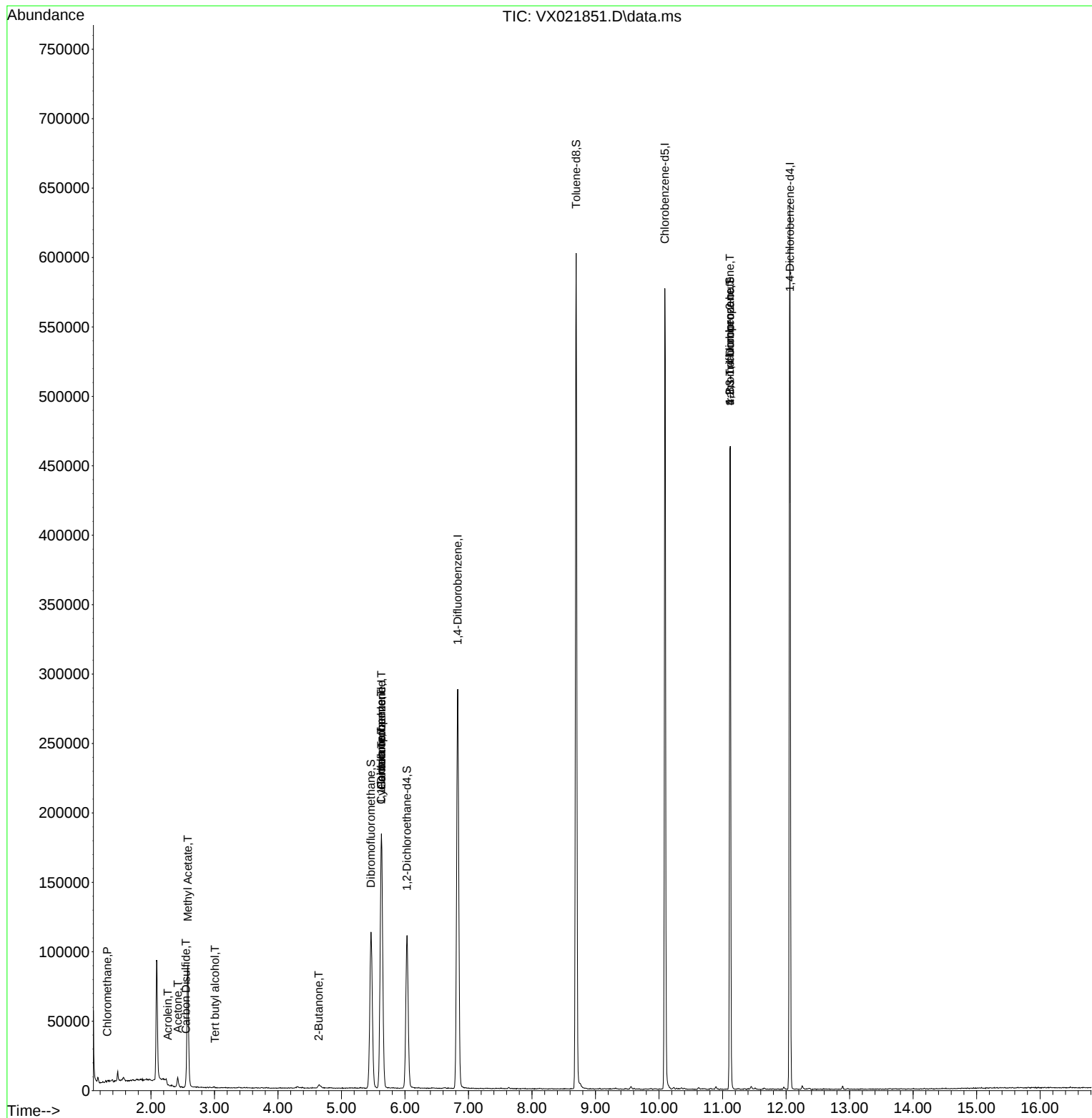
Internal Standards						
1) Pentafluorobenzene	5.629	168	184081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	315398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	290565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	141407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	104074	49.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.68%
35) Dibromofluoromethane	5.464	113	100039	49.60	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.20%
50) Toluene-d8	8.696	98	377214	48.64	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.28%
62) 4-Bromofluorobenzene	11.116	95	135864	46.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.82%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1081	0.76	ug/l #	85
11) Tert butyl alcohol	3.008	59	326	0.71	ug/l #	88
13) Acrolein	2.264	56	179	0.48	ug/l #	14
16) Acetone	2.422	43	6693	9.32	ug/l	99
17) Carbon Disulfide	2.550	76	4302	0.89	ug/l	96
18) Methyl Acetate	2.581	43	20542	10.54	ug/l #	47
25) 2-Butanone	4.641	43	879	0.72	ug/l #	45
31) Cyclohexane	5.623	56	3012	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11984	4.30	ug/l #	46
38) Carbon Tetrachloride	5.629	117	17193	5.64	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	61353	21.88	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	61353	50.31	ug/l #	12

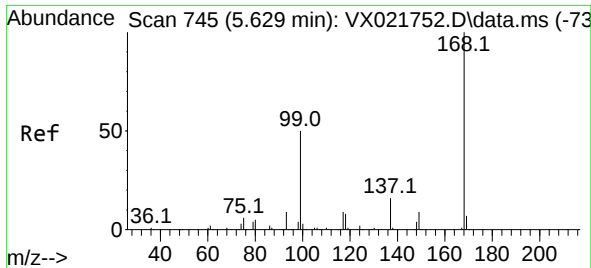
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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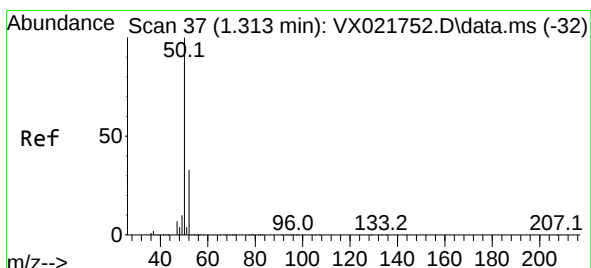
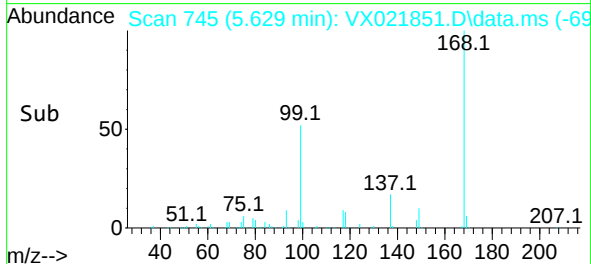
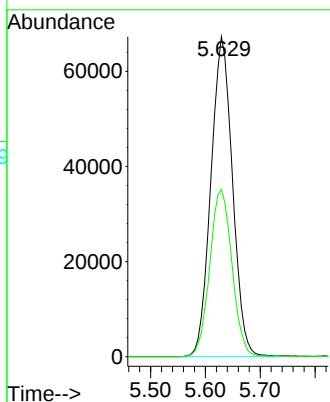
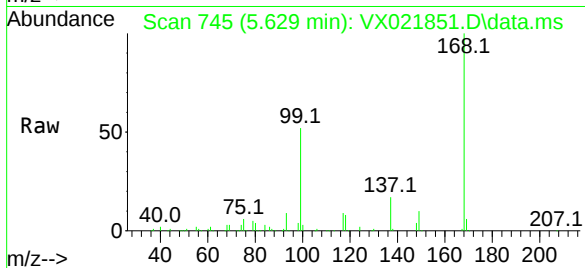




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

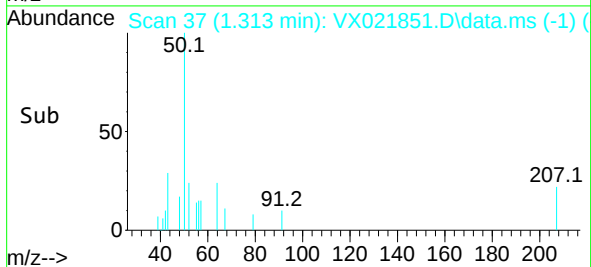
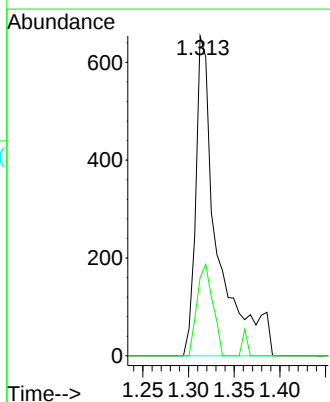
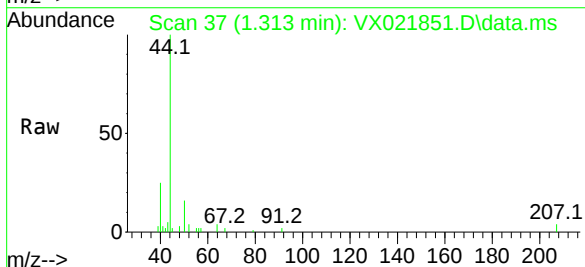
Instrument :
MSVOA_X
ClientSampleId :

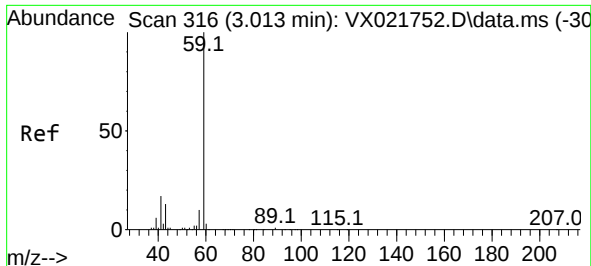
Tgt Ion:168 Resp: 184081
Ion Ratio Lower Upper
168 100
99 52.2 45.8 68.6



#3
Chloromethane
Concen: 0.76 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion: 50 Resp: 1081
Ion Ratio Lower Upper
50 100
52 24.5 26.4 39.6#



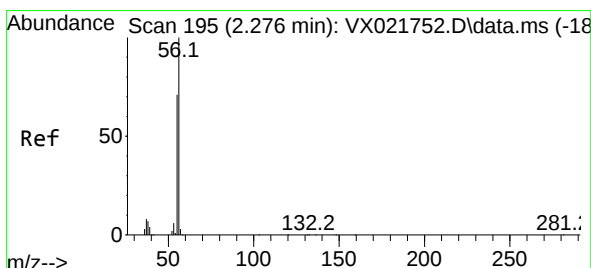
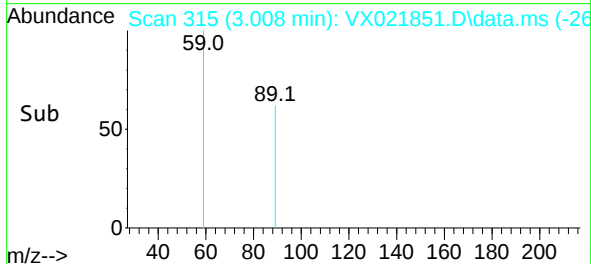
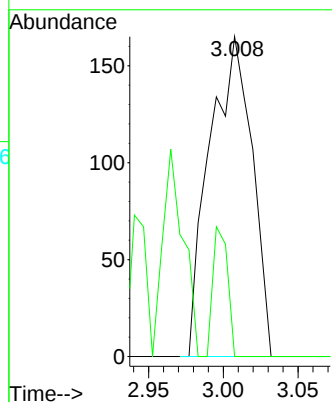
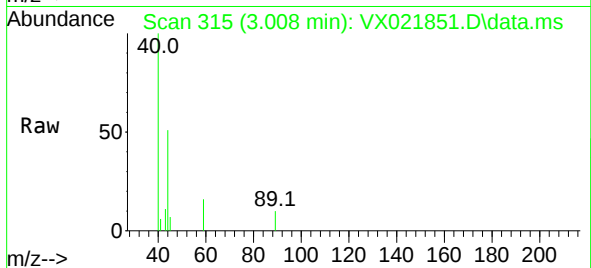


#11

Tert butyl alcohol
Concen: 0.71 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.005 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Instrument :
MSVOA_X
ClientSampled :

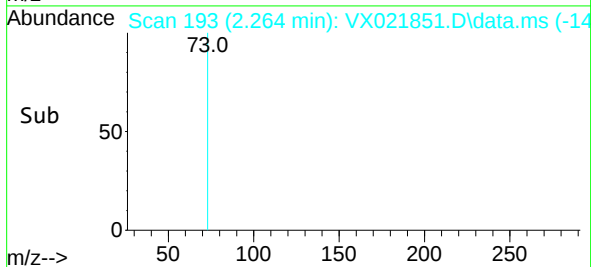
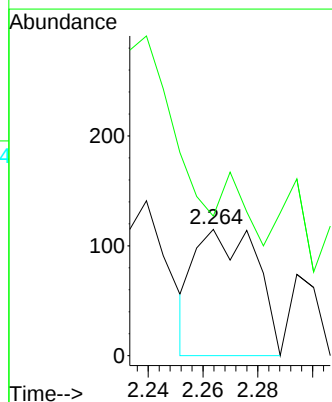
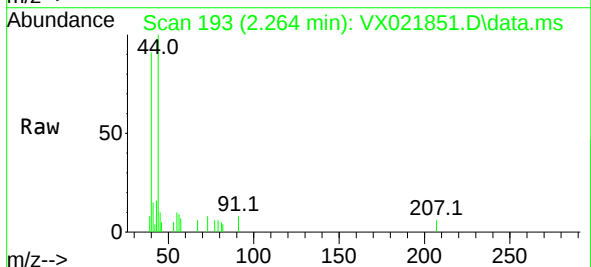
Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 14.1 7.8 11.8#

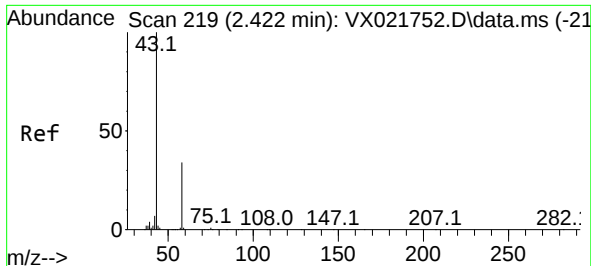


#13

Acrolein
Concen: 0.48 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.012 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

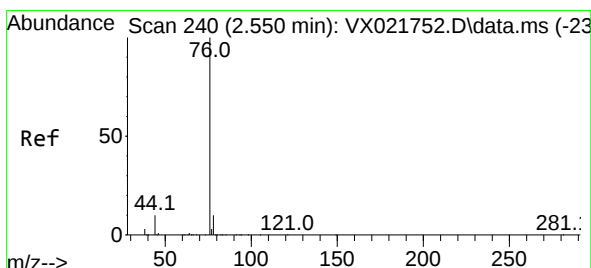
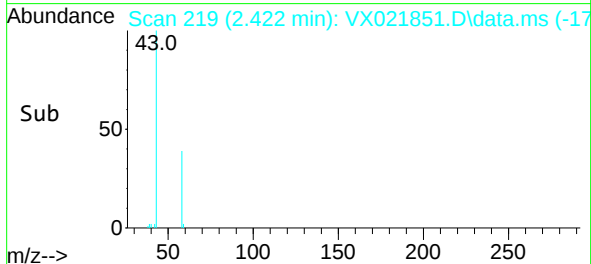
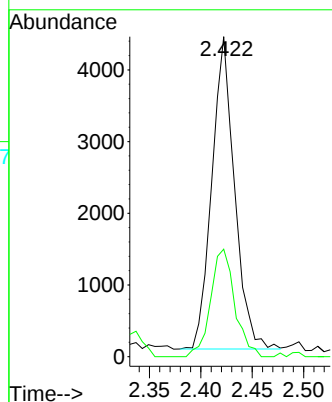
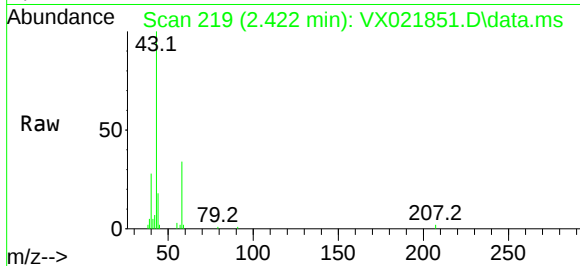




#16
Acetone
Concen: 9.32 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

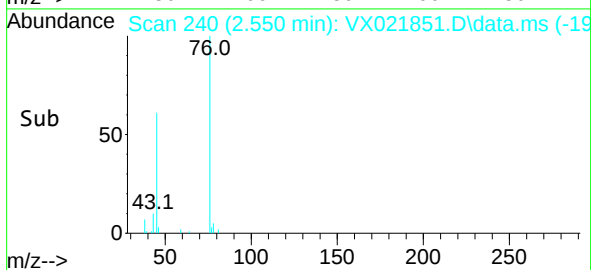
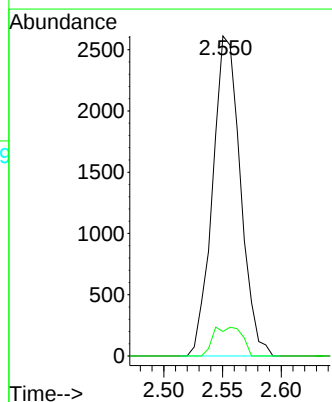
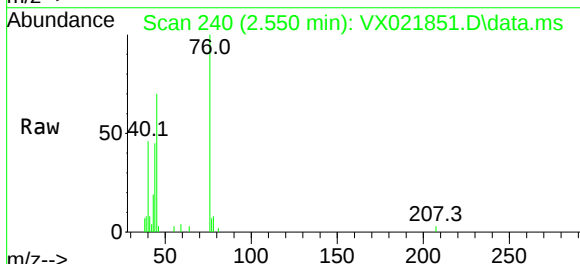
Instrument :
MSVOA_X
ClientSampled :

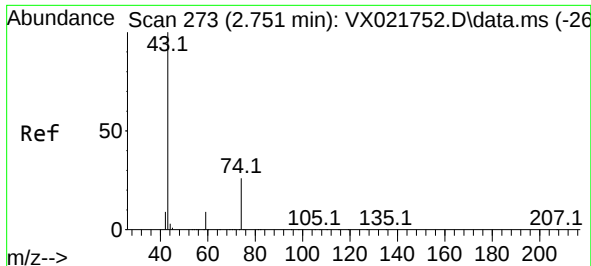
Tgt Ion: 43 Resp: 6693
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.89 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion: 76 Resp: 4302
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#18

Methyl Acetate

Concen: 10.54 ug/l

RT: 2.581 min Scan# 245

Delta R.T. -0.170 min

Lab File: VX021851.D

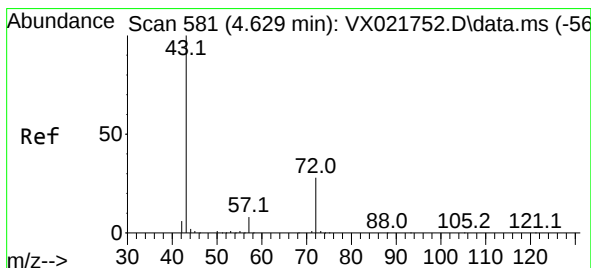
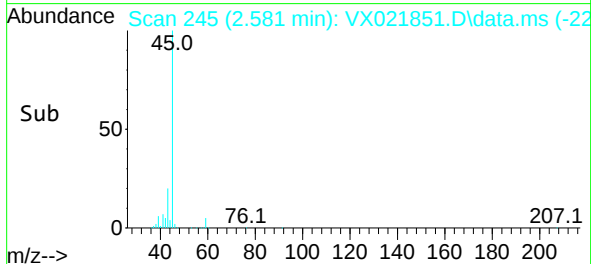
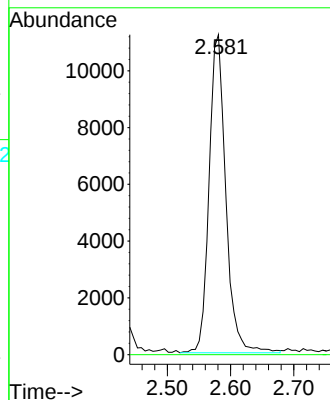
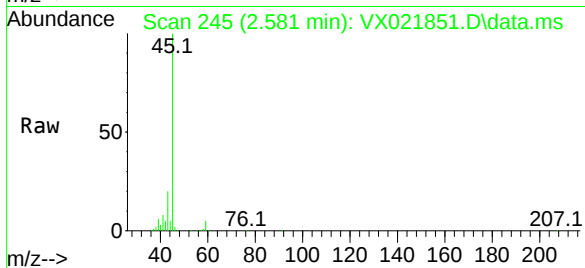
Acq: 23 Apr 2021 18:39

Tgt Ion: 43 Resp: 20542

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#25

2-Butanone

Concen: 0.72 ug/l

RT: 4.641 min Scan# 583

Delta R.T. 0.012 min

Lab File: VX021851.D

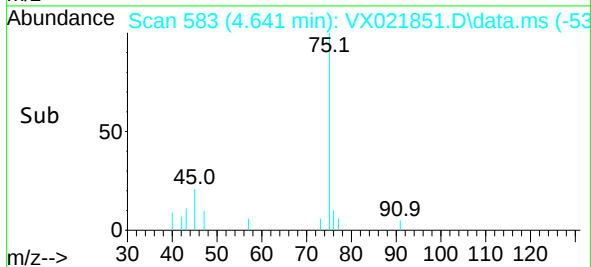
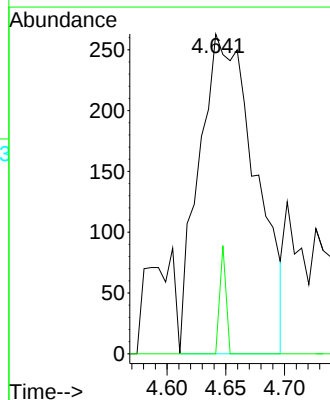
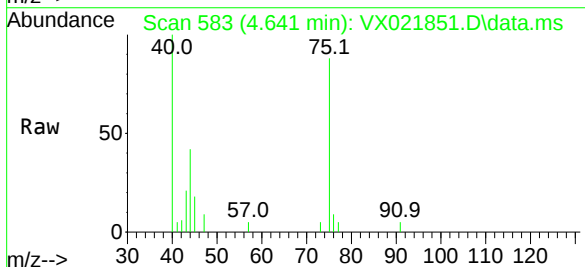
Acq: 23 Apr 2021 18:39

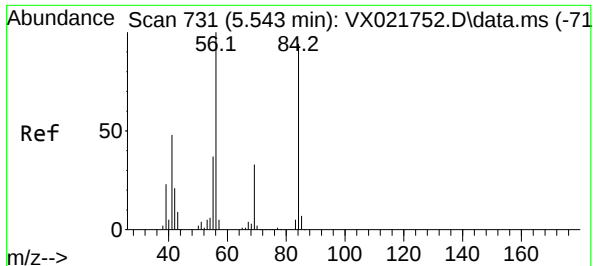
Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

43 100

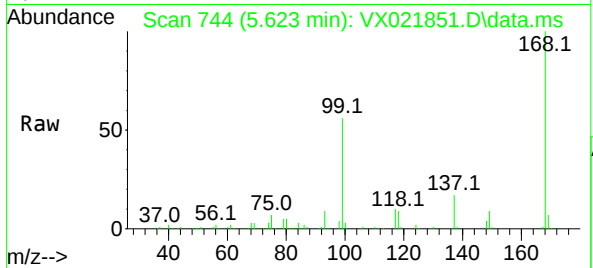
72 0.0 23.7 35.5#



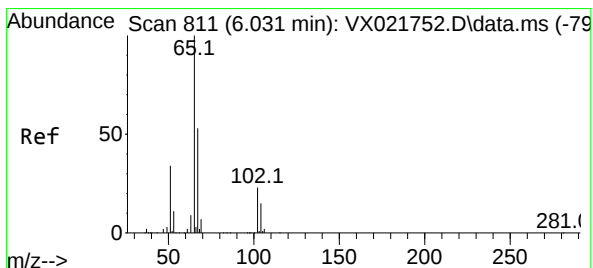
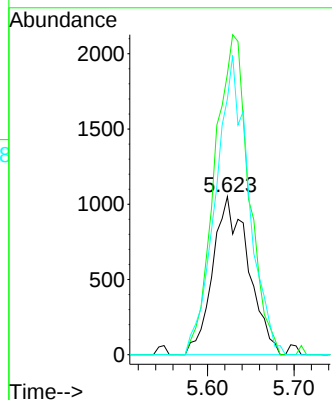
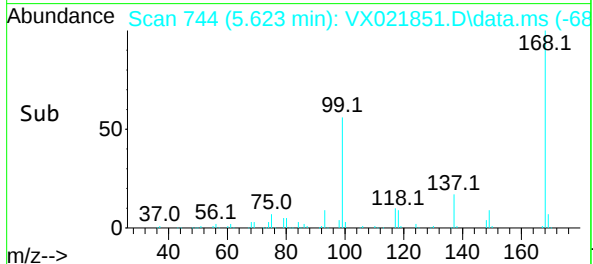


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

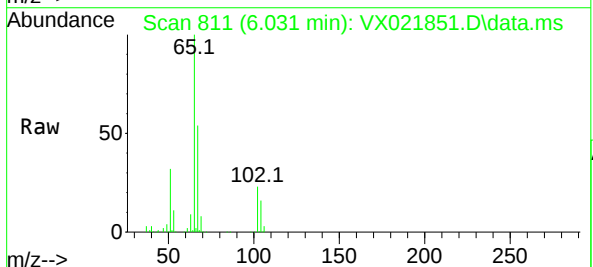
Instrument :
MSVOA_X
ClientSampled :



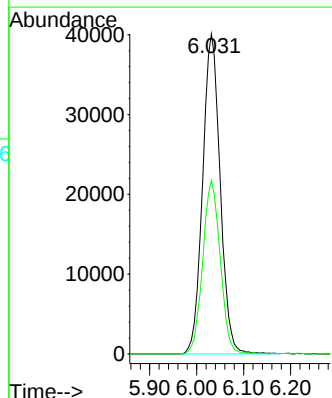
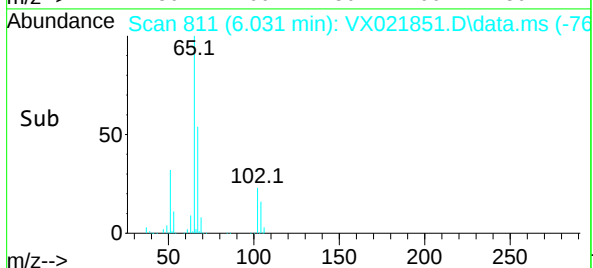
Tgt Ion: 56 Resp: 3012
Ion Ratio Lower Upper
56 100
69 177.5 25.3 37.9#
84 161.8 71.4 107.0#

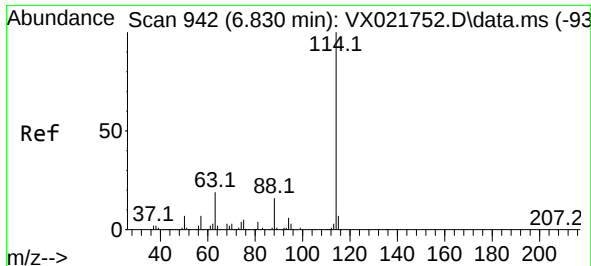


#33
1,2-Dichloroethane-d4
Concen: 49.84 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39



Tgt Ion: 65 Resp: 104074
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

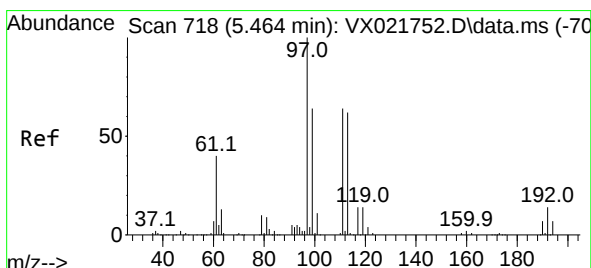
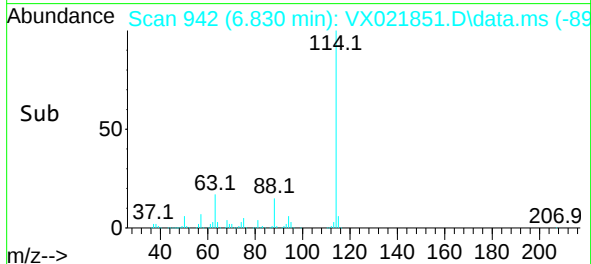
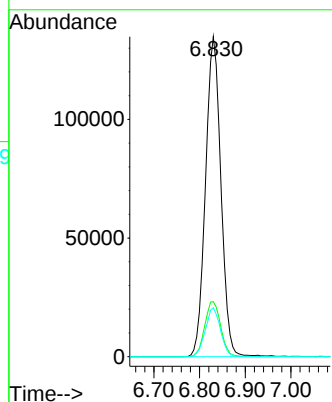
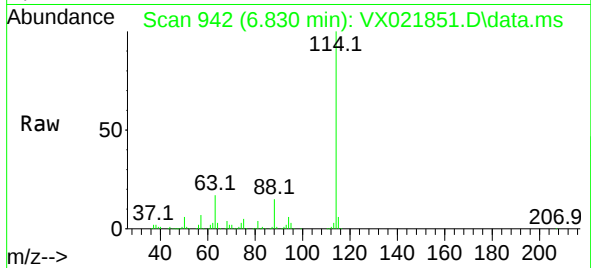




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

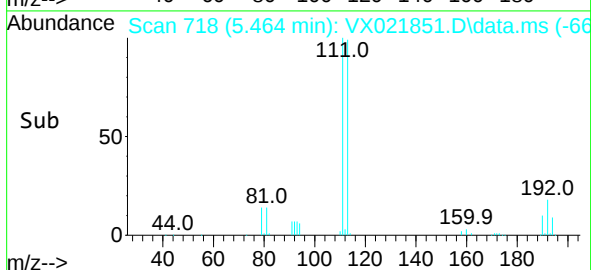
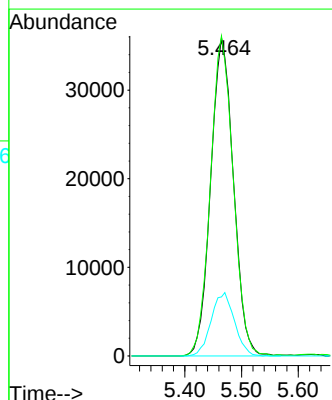
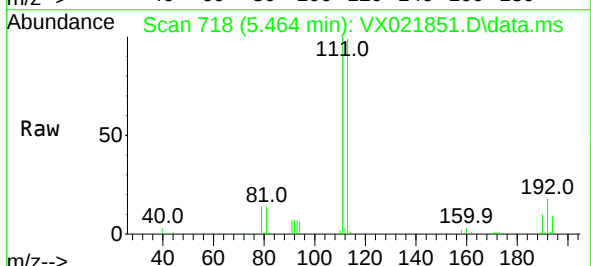
Instrument :
MSVOA_X
ClientSampled :

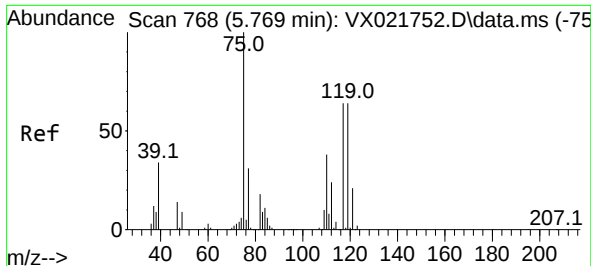
Tgt Ion:114 Resp: 315398
Ion Ratio Lower Upper
114 100
63 17.2 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

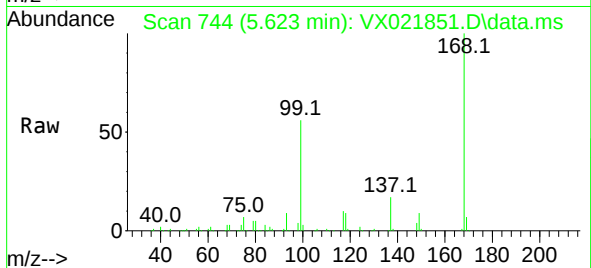
Tgt Ion:113 Resp: 100039
Ion Ratio Lower Upper
113 100
111 100.6 81.9 122.9
192 20.4 16.7 25.1



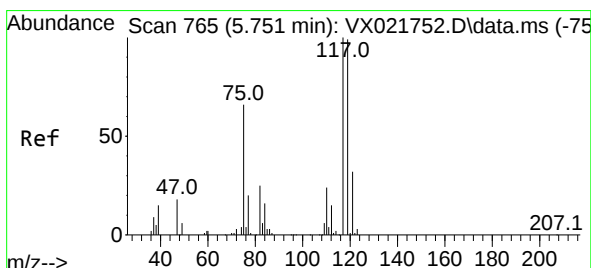
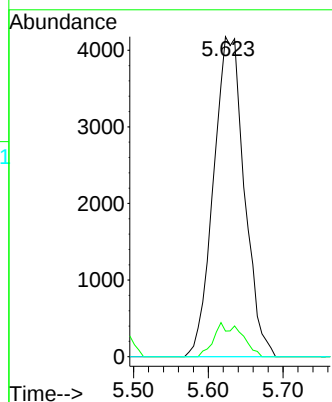
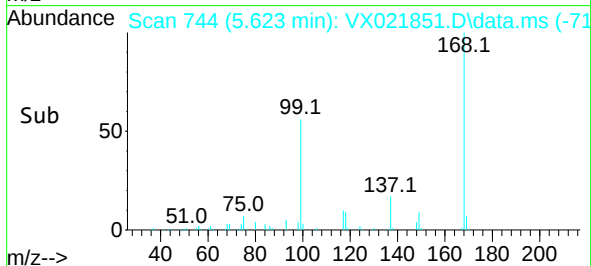


#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

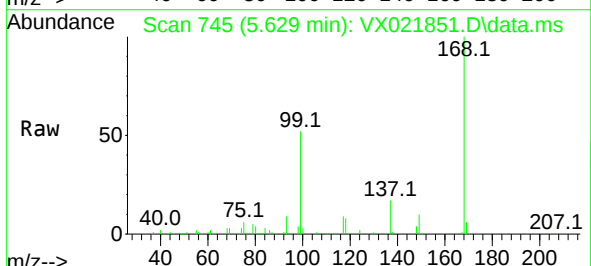
Instrument :
MSVOA_X
ClientSampleId :



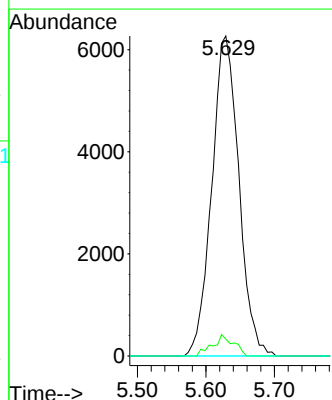
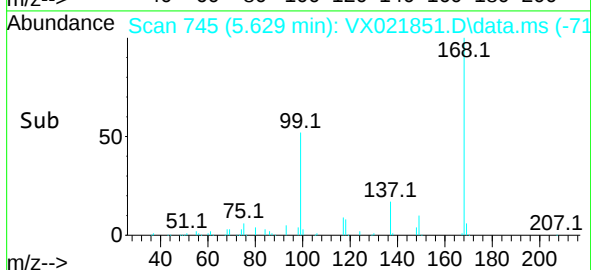
Tgt Ion: 75 Resp: 11984
Ion Ratio Lower Upper
75 100
110 5.4 18.1 54.4#
77 0.0 25.3 37.9#

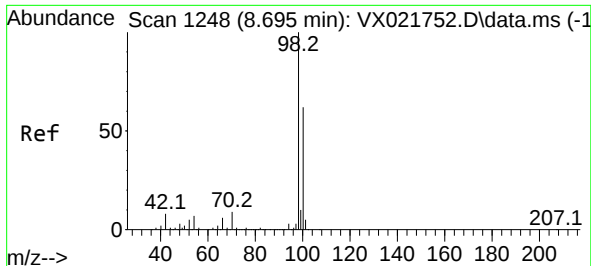


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39



Tgt Ion: 117 Resp: 17193
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

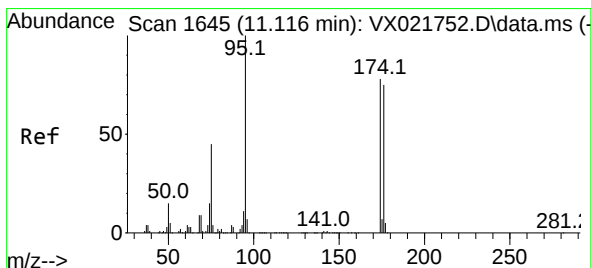
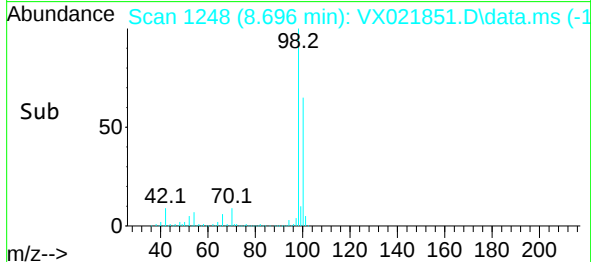
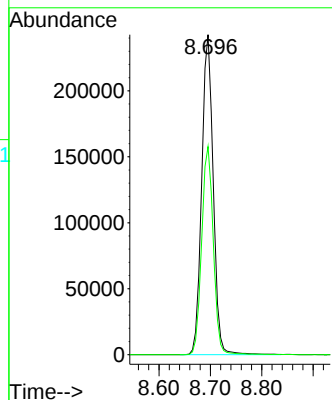
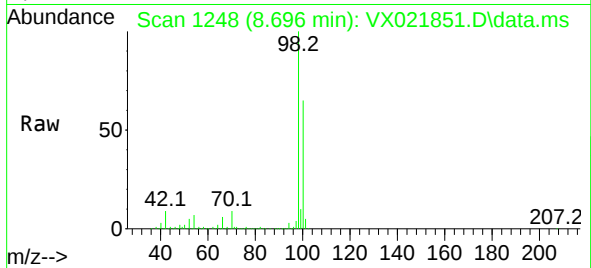




#50
Toluene-d8
Concen: 48.64 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

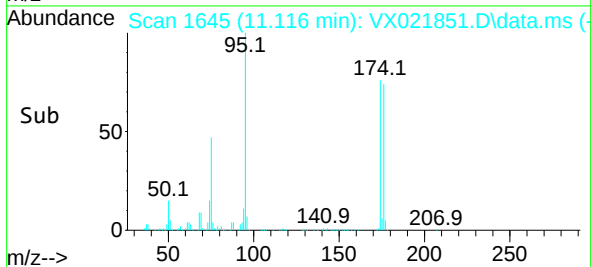
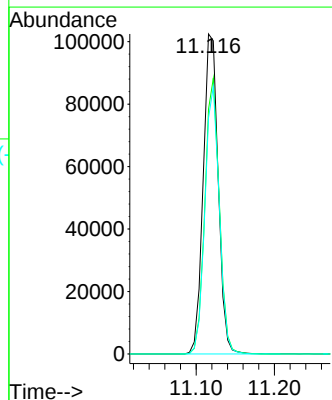
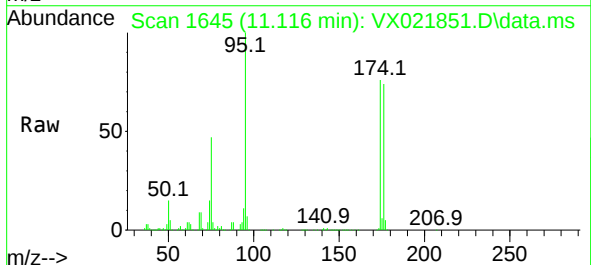
Instrument :
MSVOA_X
ClientSampled :

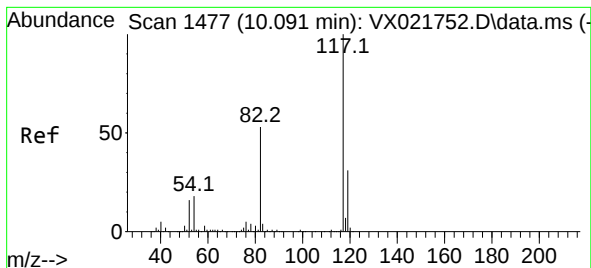
Tgt Ion: 98 Resp: 377214
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion: 95 Resp: 135864
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 80.3 0.0 155.8

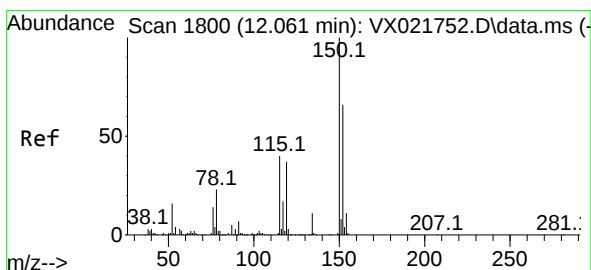
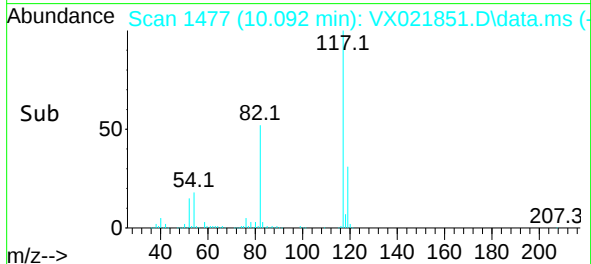
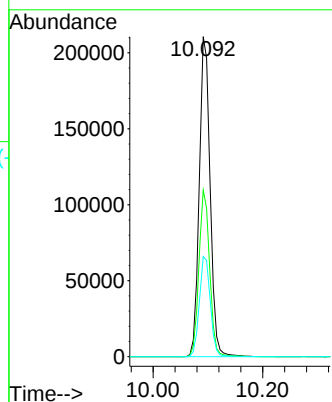
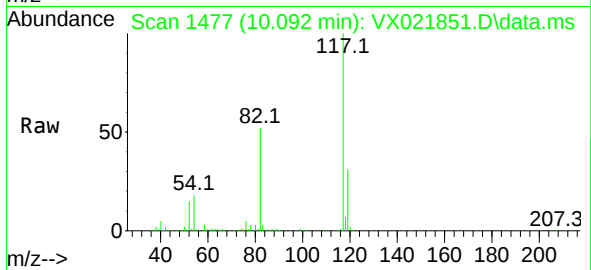




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

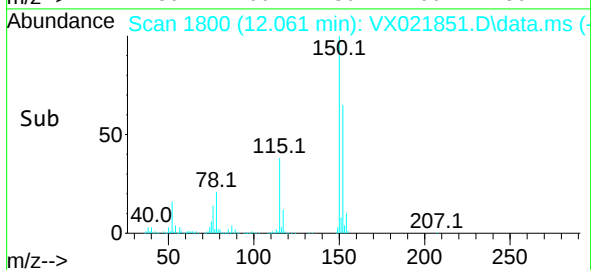
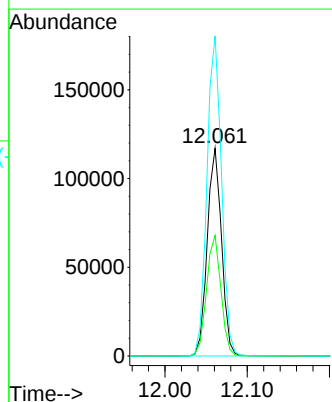
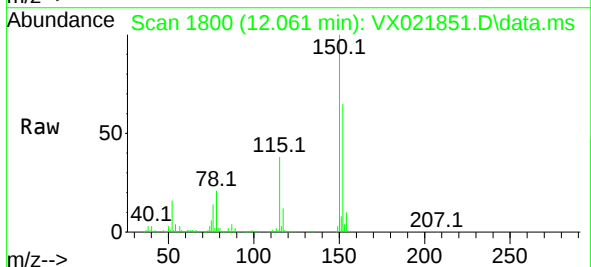
Instrument :
MSVOA_X
ClientSampleId :

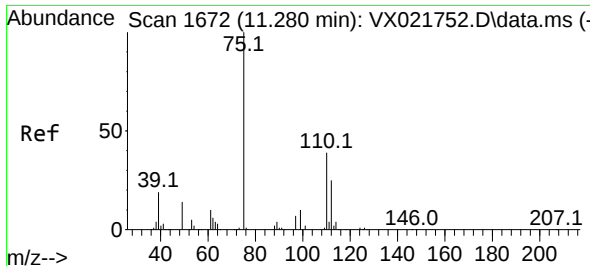
Tgt Ion:117 Resp: 290565
Ion Ratio Lower Upper
117 100
82 52.1 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion:152 Resp: 141407
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 156.9 0.0 349.0

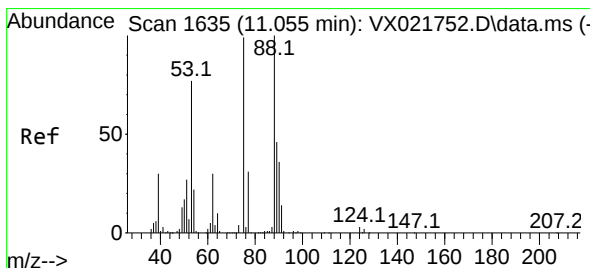
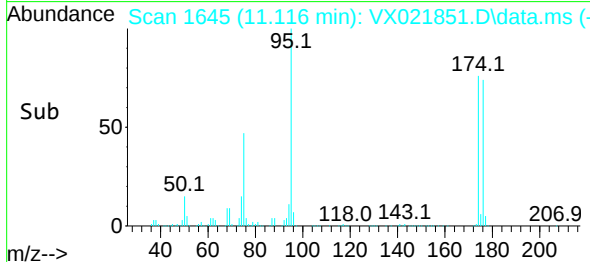
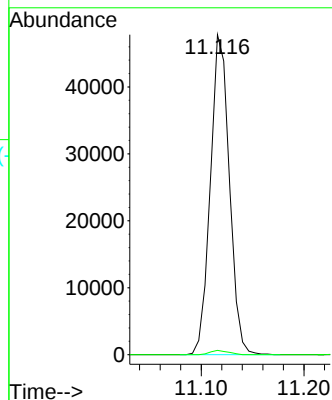
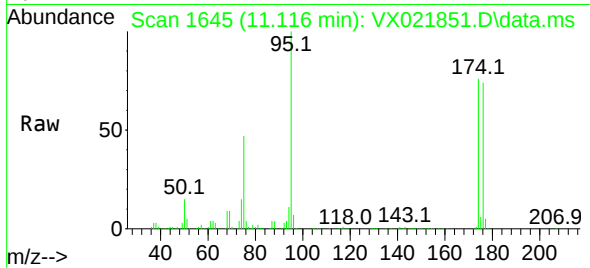




#76
1,2,3-Trichloropropane
Concen: 21.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61353
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.31 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021851.D
Acq: 23 Apr 2021 18:39

Tgt Ion: 75 Resp: 61353
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

