

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021800.D
 Acq On : 21 Apr 2021 18:06
 Operator : JC/MD
 Sample : M2114-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02

Quant Time: Apr 22 09:00:48 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)

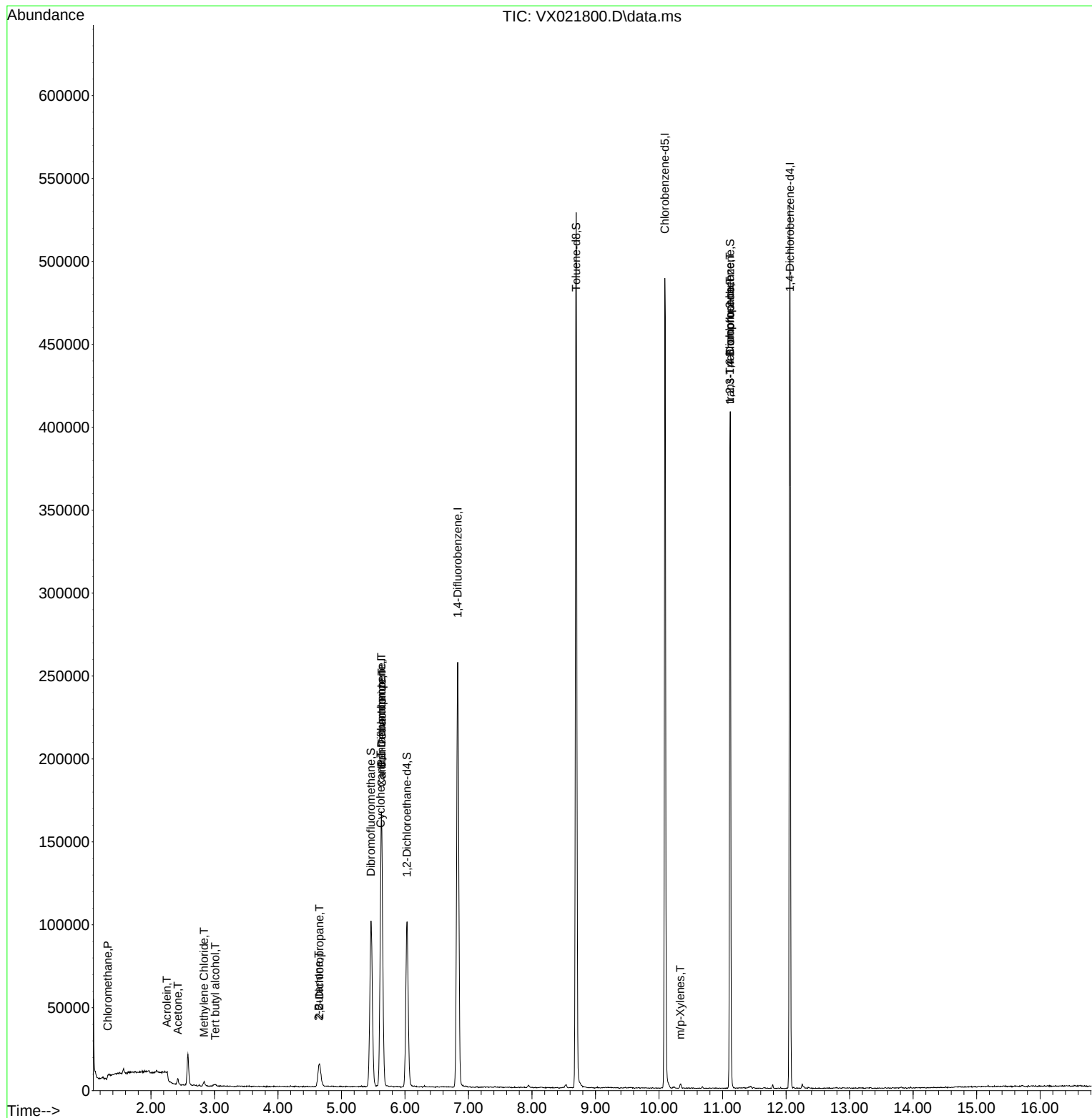
Internal Standards						
1) Pentafluorobenzene	5.629	168	163442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	278552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	246863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	115323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94385	50.91	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.82%
35) Dibromofluoromethane	5.464	113	88202	49.51	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.02%
50) Toluene-d8	8.696	98	329815	48.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.30%
62) 4-Bromofluorobenzene	11.122	95	116603	45.59	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.18%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1410	0.98	ug/l	99
11) Tert butyl alcohol	3.014	59	1380	3.40	ug/l #	79
13) Acrolein	2.252	56	282	0.86	ug/l #	13
16) Acetone	2.422	43	3927	6.16	ug/l	90
20) Methylene Chloride	2.837	84	1154	0.60	ug/l #	84
25) 2-Butanone	4.641	43	1930	1.79	ug/l	92
26) 2,2-Dichloropropane	4.654	77	1303	0.47	ug/l #	52
31) Cyclohexane	5.617	56	2904	1.11	ug/l #	9
36) 1,1-Dichloropropene	5.629	75	10930	4.45	ug/l #	50
38) Carbon Tetrachloride	5.635	117	15200	5.65	ug/l #	15
68) m/p-Xylenes	10.335	106	750	0.22	ug/l	84
76) 1,2,3-Trichloropropane	11.116	75	53473	23.38	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	53473	53.77	ug/l #	12

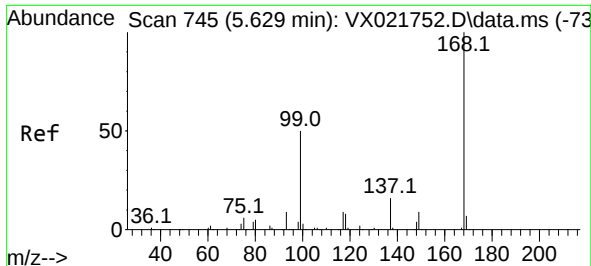
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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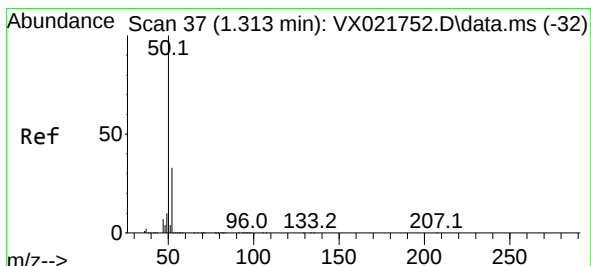
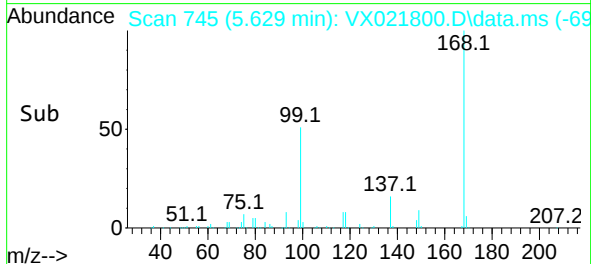
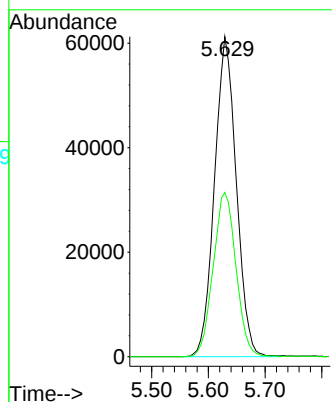
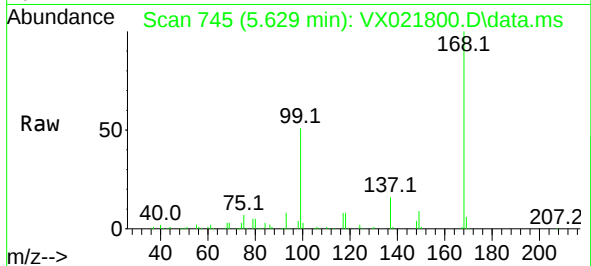




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

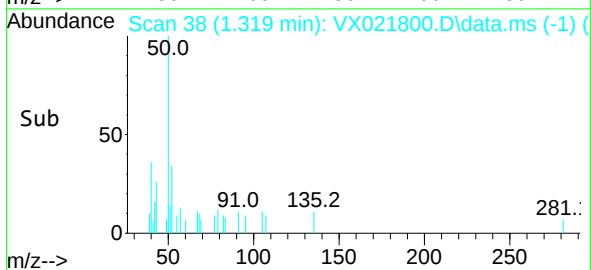
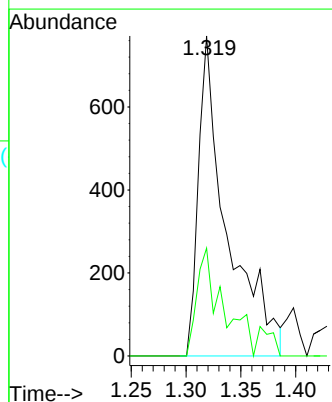
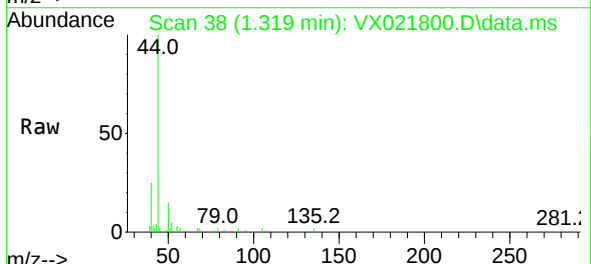
Instrument :
MSVOA_X
ClientSampled :
FB-02

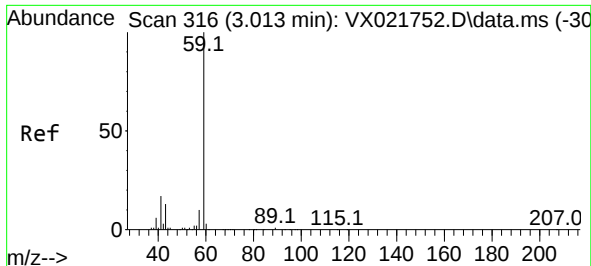
Tgt Ion:168 Resp: 163442
Ion Ratio Lower Upper
168 100
99 51.3 45.8 68.6



#3
Chloromethane
Concen: 0.98 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 50 Resp: 1410
Ion Ratio Lower Upper
50 100
52 33.7 26.4 39.6

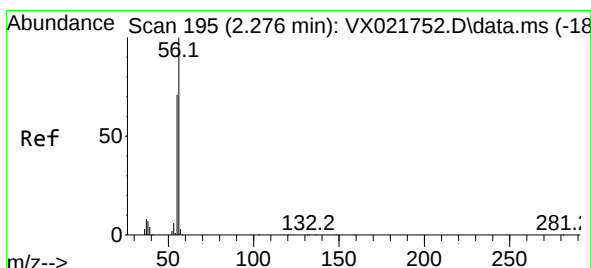
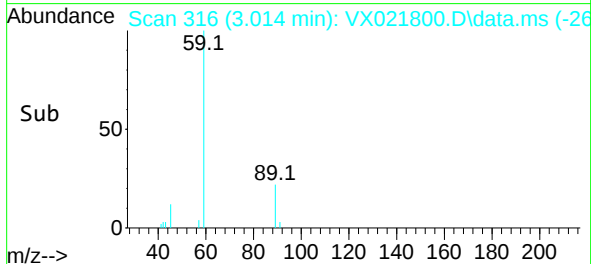
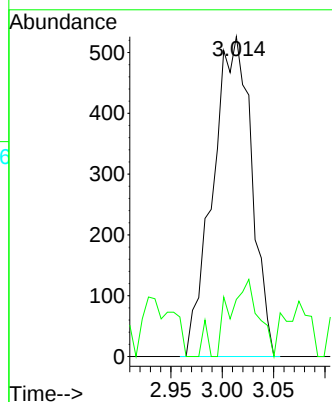
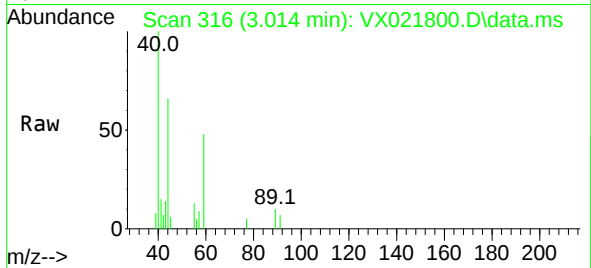




#11
Tert butyl alcohol
Concen: 3.40 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

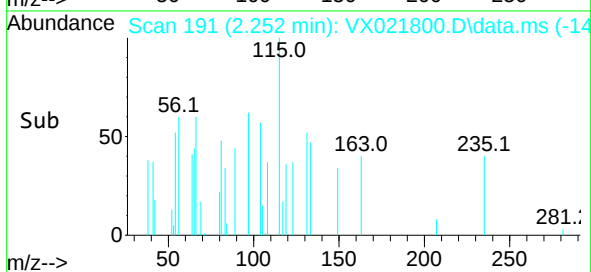
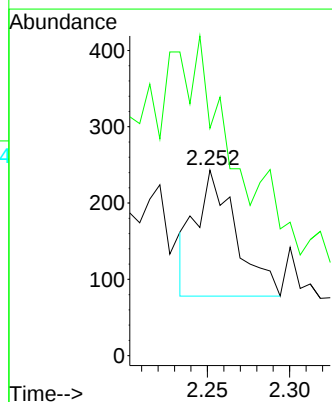
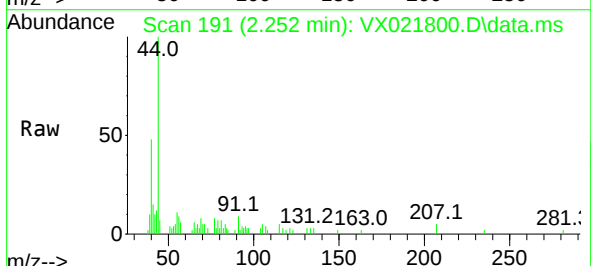
Instrument :
MSVOA_X
ClientSampled :
FB-02

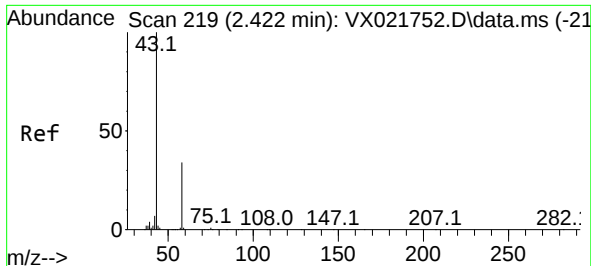
Tgt Ion: 59 Resp: 1380
Ion Ratio Lower Upper
59 100
57 17.7 7.8 11.8#



#13
Acrolein
Concen: 0.86 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.024 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 142.2 56.4 84.6#

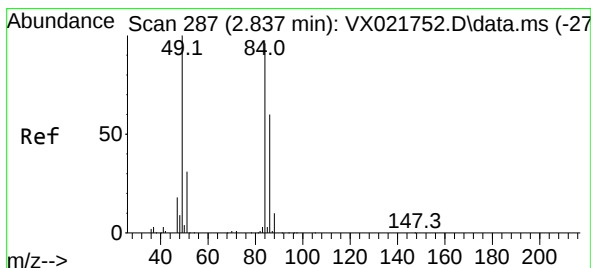
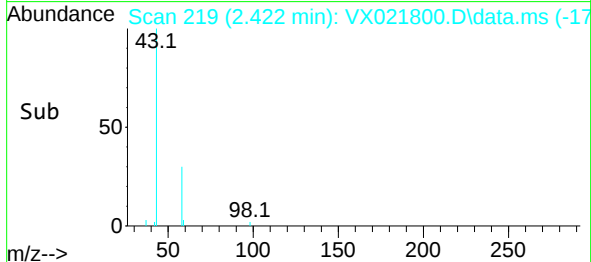
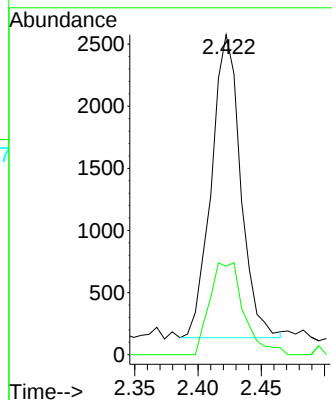
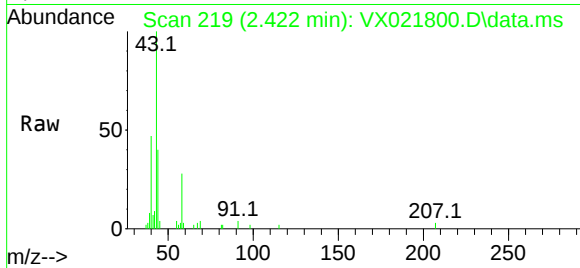




#16
Acetone
Concen: 6.16 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

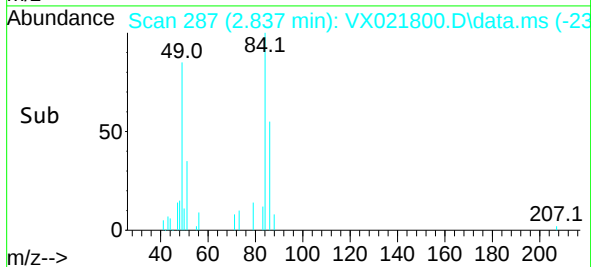
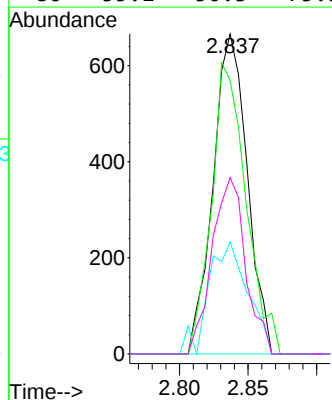
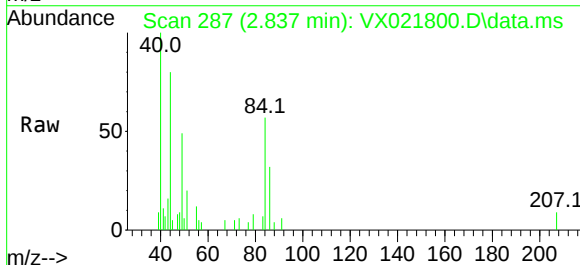
Instrument :
MSVOA_X
ClientSampled :
FB-02

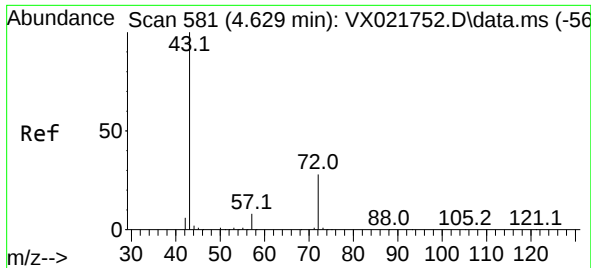
Tgt Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 84 Resp: 1154
Ion Ratio Lower Upper
84 100
49 85.4 88.6 132.8#
51 35.0 27.0 40.6
86 55.1 50.3 75.5

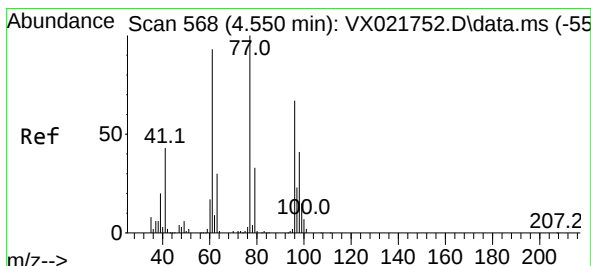
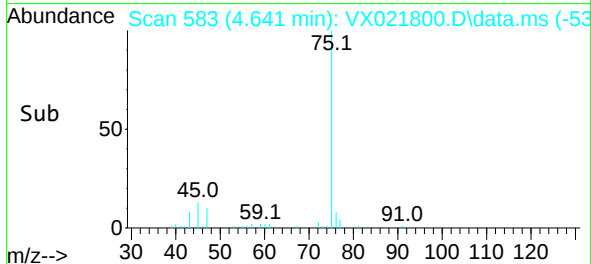
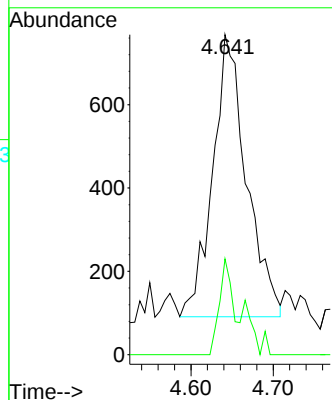
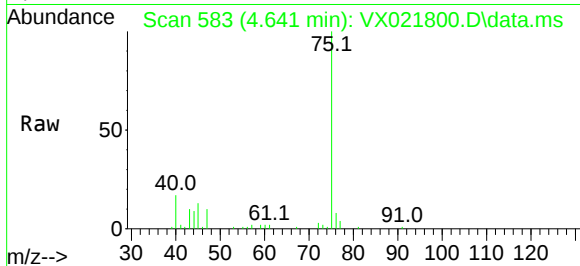




#25
2-Butanone
Concen: 1.79 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

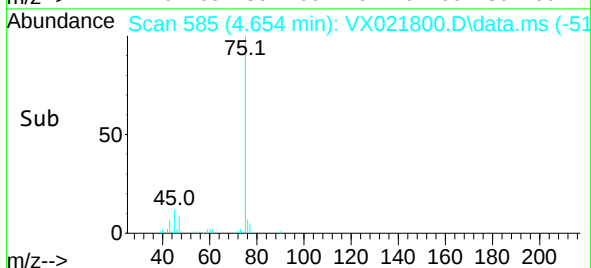
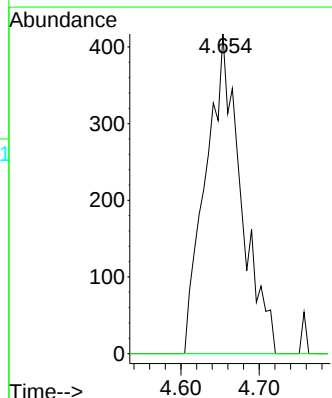
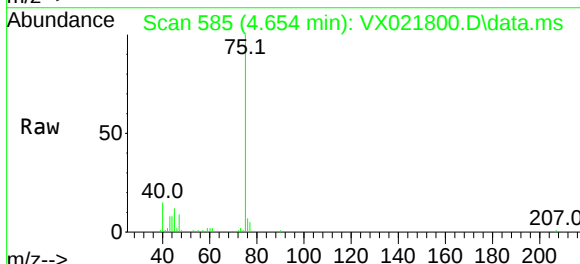
Instrument :
MSVOA_X
ClientSampled :
FB-02

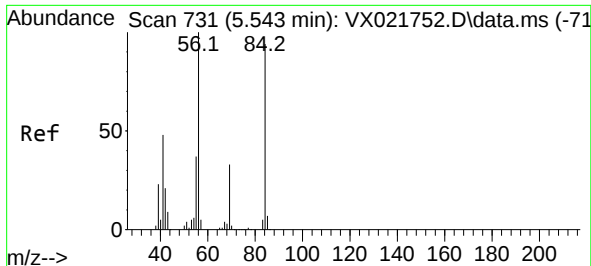
Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
72 34.0 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.47 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.104 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

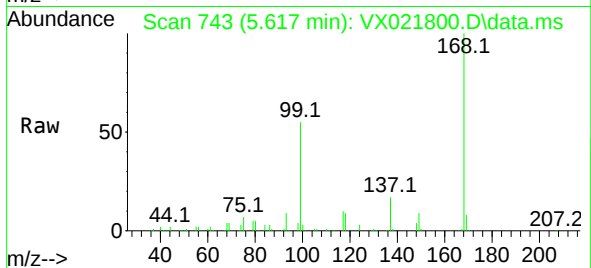
Tgt Ion: 77 Resp: 1303
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



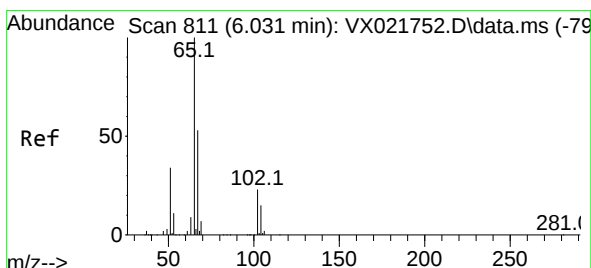
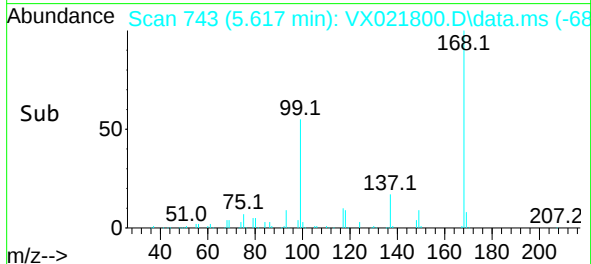
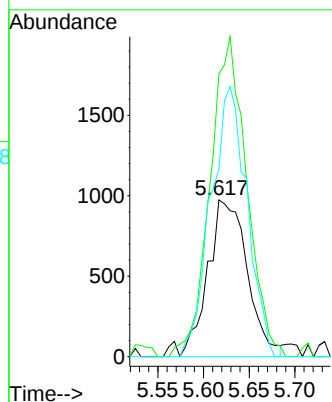


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.074 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_X
ClientSampled :
FB-02

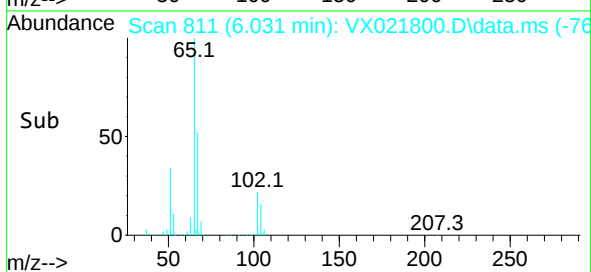
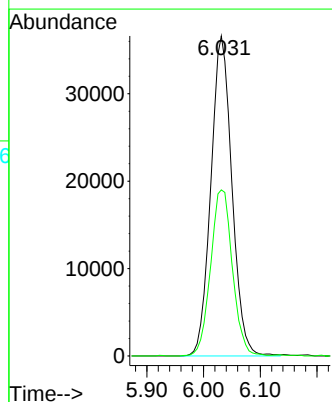
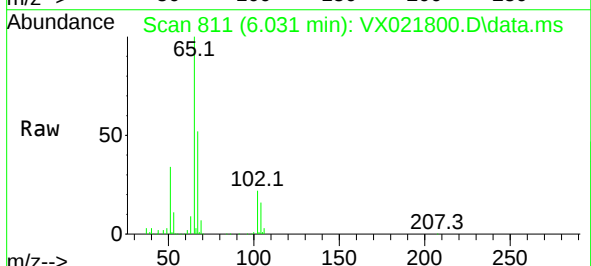


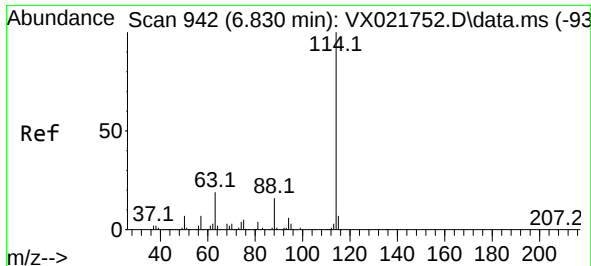
Tgt Ion: 56 Resp: 2904
Ion Ratio Lower Upper
56 100
69 173.6 25.3 37.9#
84 120.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.91 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

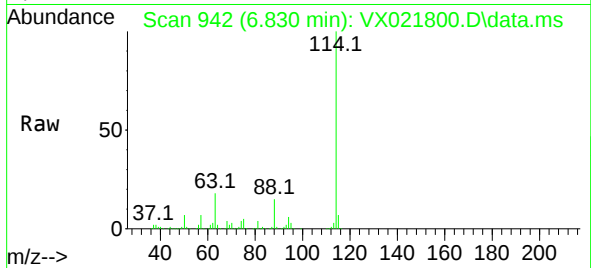
Tgt Ion: 65 Resp: 94385
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4



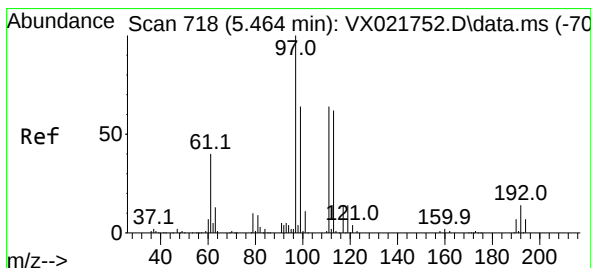
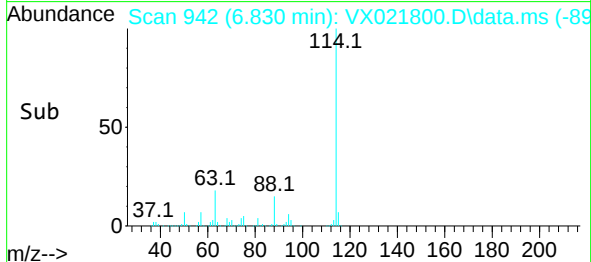
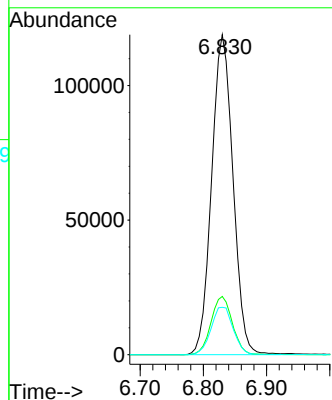


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_X
ClientSampled :
FB-02

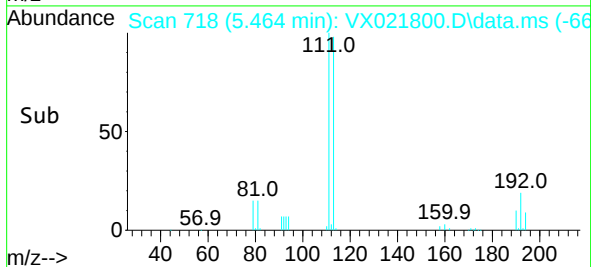
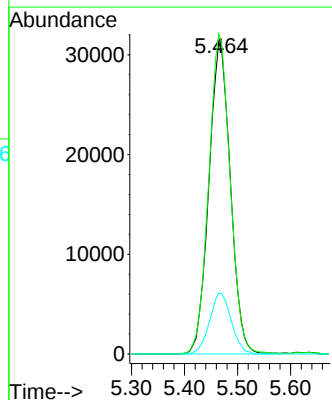
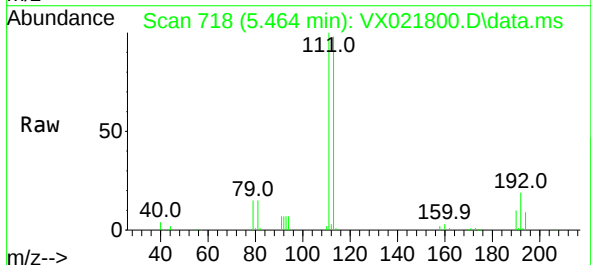


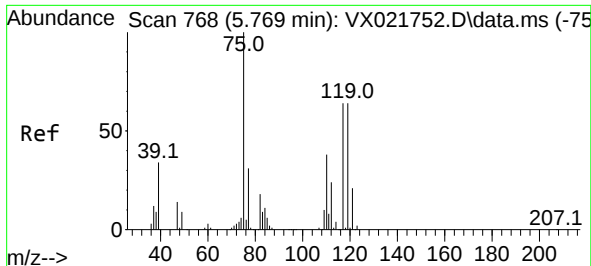
Tgt Ion:114 Resp: 278552
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.8
88 14.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

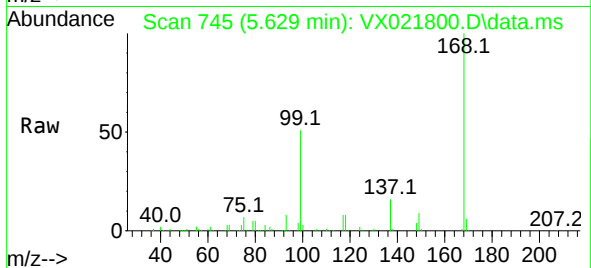
Tgt Ion:113 Resp: 88202
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.7 16.7 25.1



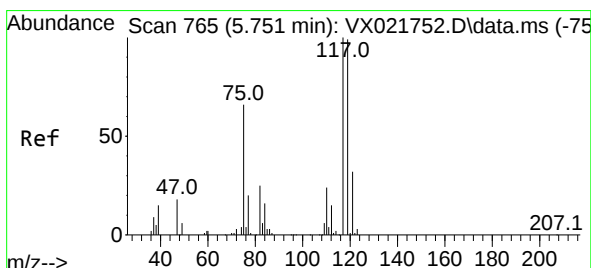
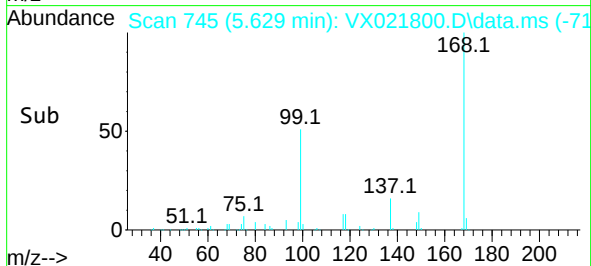
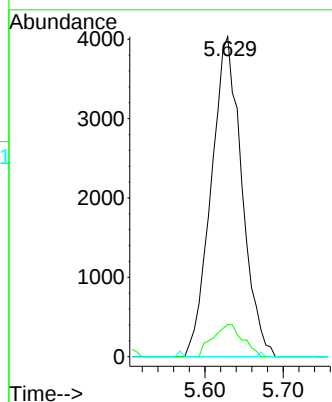


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_X
ClientSampled :
FB-02

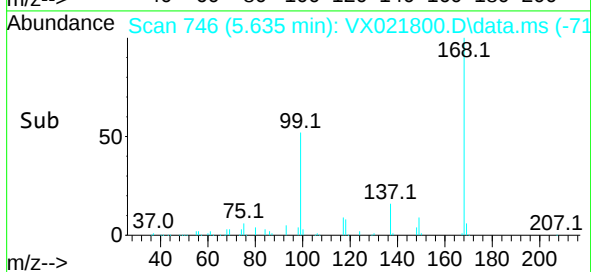
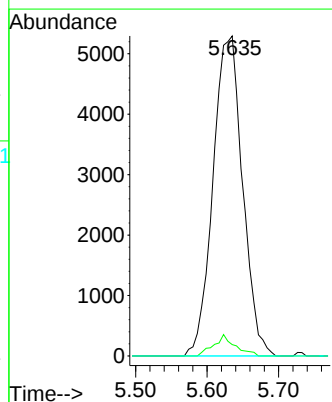
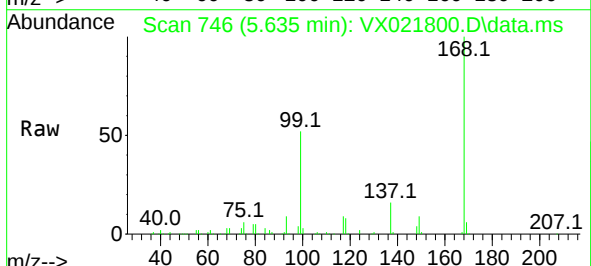


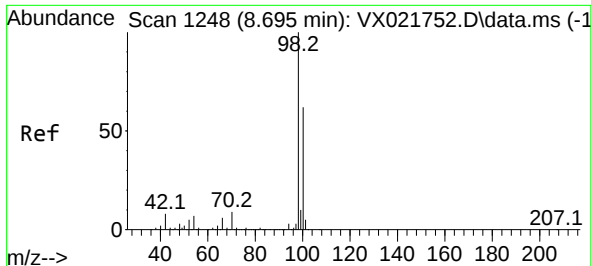
Tgt Ion: 75 Resp: 10930
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.116 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 117 Resp: 15200
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

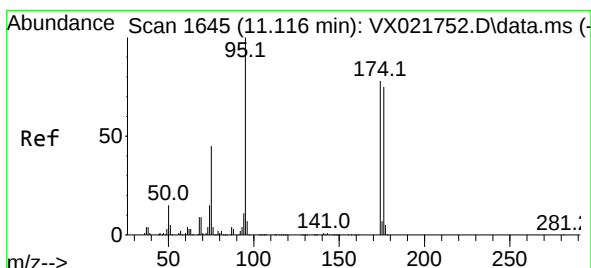
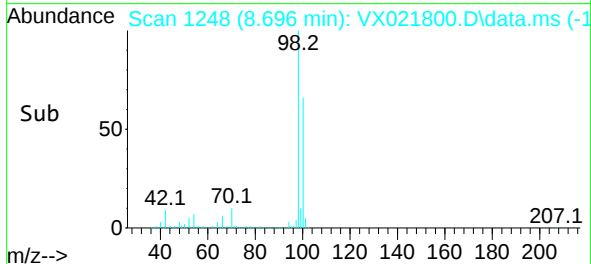
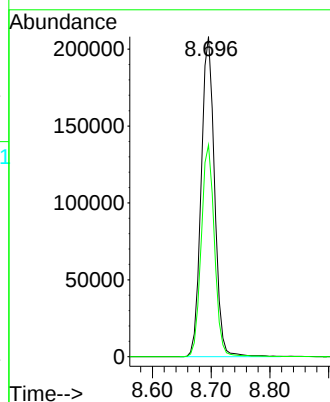
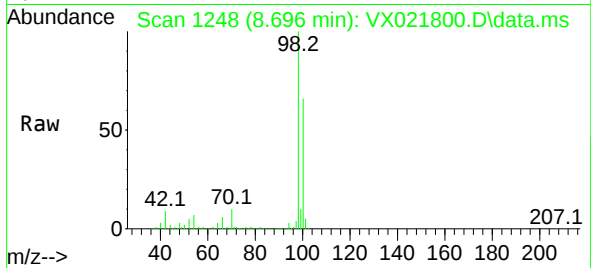




#50
Toluene-d8
Concen: 48.15 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

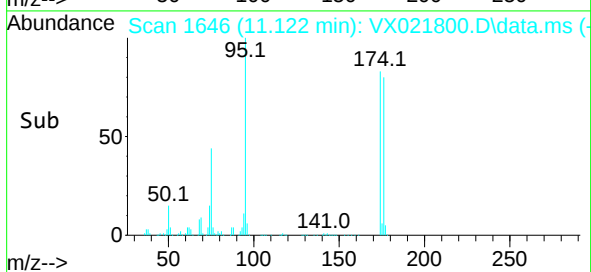
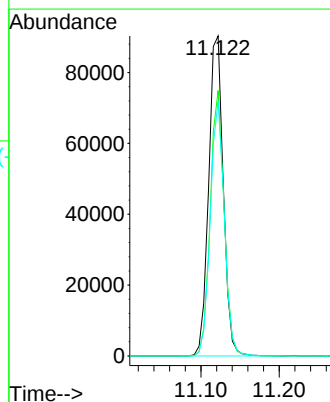
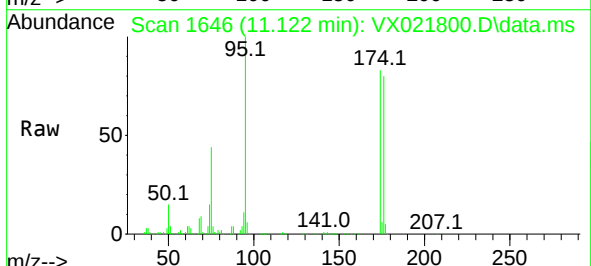
Instrument :
MSVOA_X
ClientSampled :
FB-02

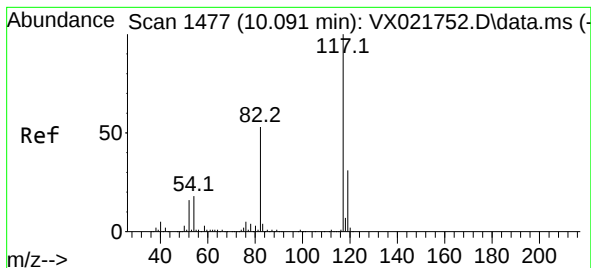
Tgt Ion: 98 Resp: 329815
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 95 Resp: 116603
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 76.2 0.0 155.8

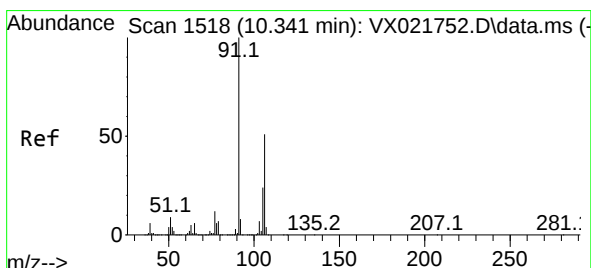
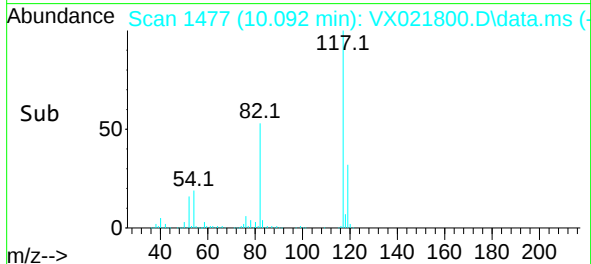
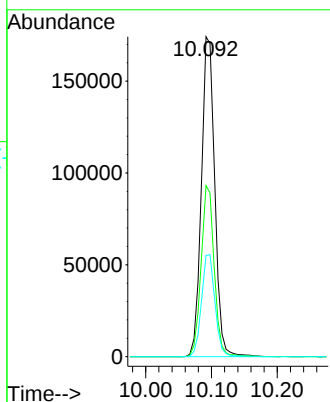
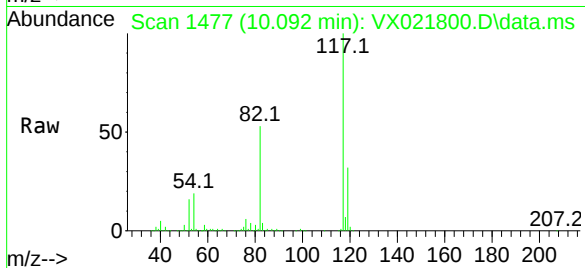




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

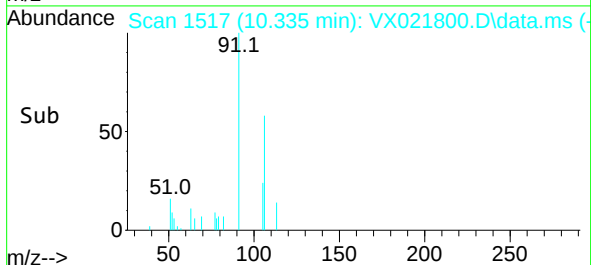
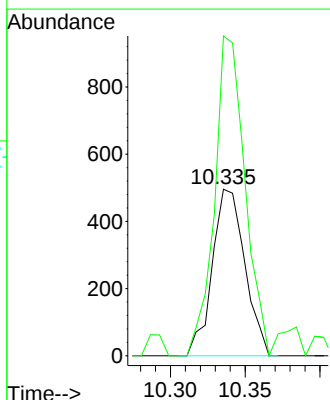
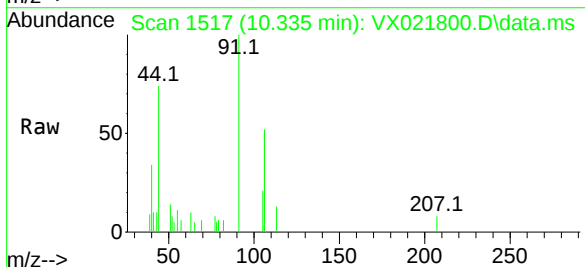
Instrument :
MSVOA_X
ClientSampleId :
FB-02

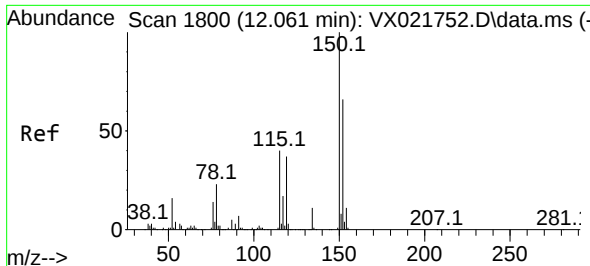
Tgt Ion:117 Resp: 246863
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 31.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.335 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VX021800.D
Acq: 21 Apr 2021 18:06

Tgt Ion:106 Resp: 750
Ion Ratio Lower Upper
106 100
91 179.7 162.8 244.2

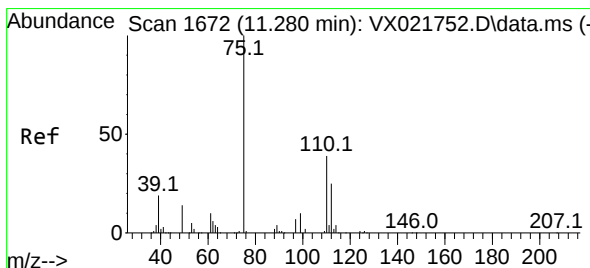
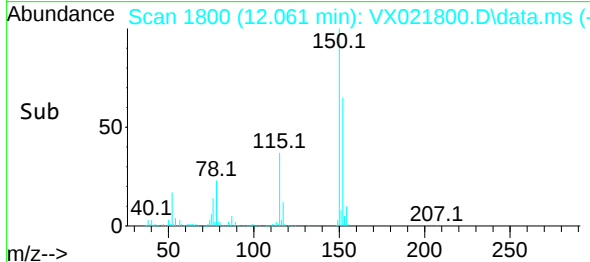
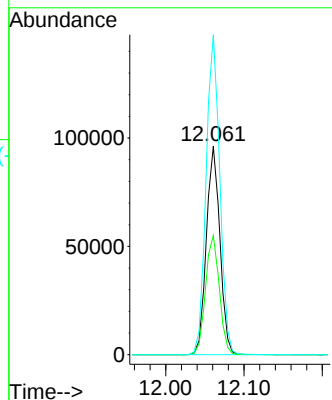
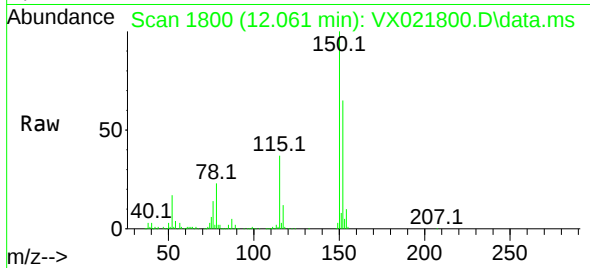




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021800.D
 Acq: 21 Apr 2021 18:06

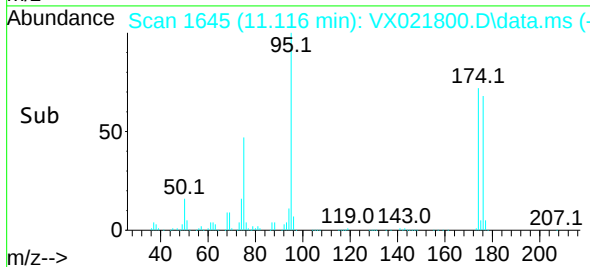
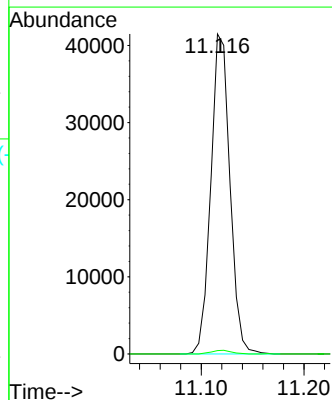
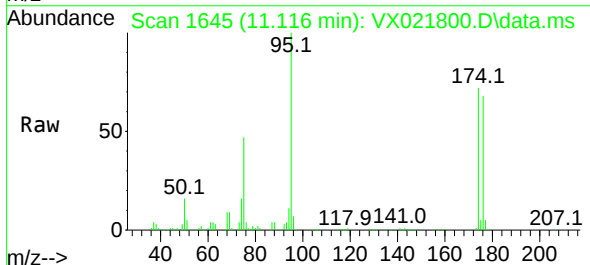
Instrument :
 MSVOA_X
 ClientSampled :
 FB-02

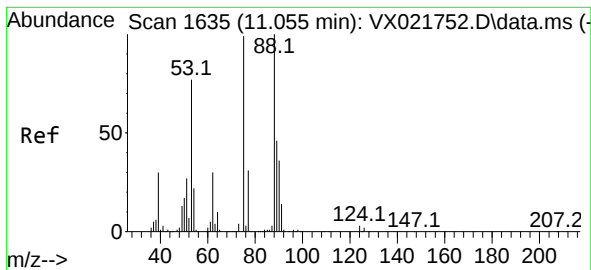
Tgt Ion:152 Resp: 115323
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.38 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021800.D
 Acq: 21 Apr 2021 18:06

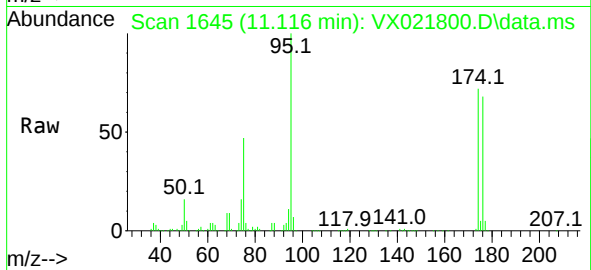
Tgt Ion: 75 Resp: 53473
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.77 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021800.D
 Acq: 21 Apr 2021 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02



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

