

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021773.D
 Acq On : 20 Apr 2021 22:59
 Operator : JC/MD
 Sample : M2101-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 11:26:50 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)

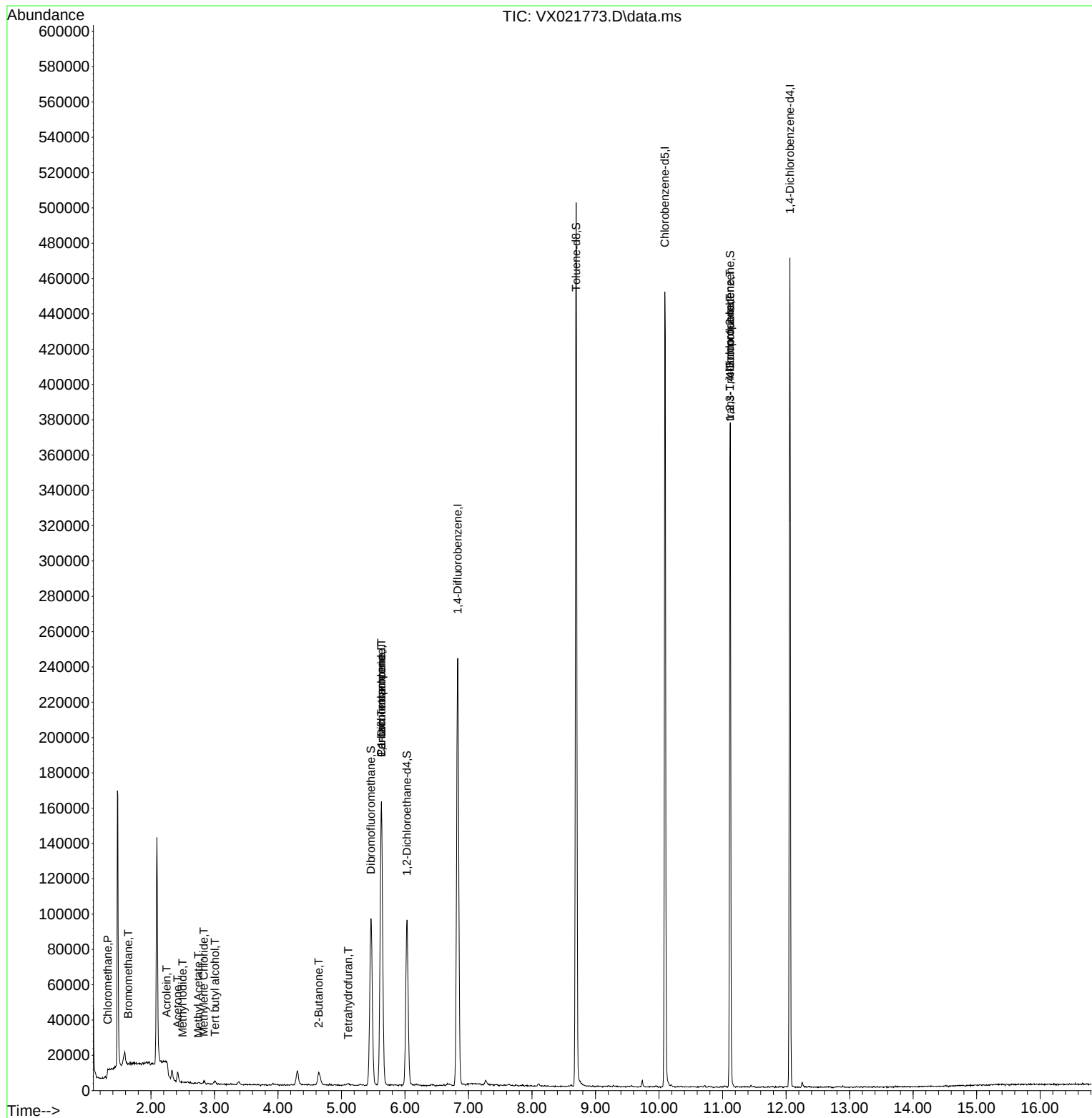
Internal Standards						
1) Pentafluorobenzene	5.629	168	161681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	265872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	230185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	101799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	88411	48.20	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.40%		
35) Dibromofluoromethane	5.464	113	83384	49.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.08%		
50) Toluene-d8	8.695	98	310441	47.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.98%		
62) 4-Bromofluorobenzene	11.122	95	106178	43.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.98%		
Target Compounds					Qvalue	
3) Chloromethane	1.319	50	3334	1.92	ug/l	98
5) Bromomethane	1.642	94	429	0.53	ug/l #	71
10) Methyl Iodide	2.495	142	204	8.29	ug/l #	63
11) Tert butyl alcohol	3.007	59	2138	5.32	ug/l	96
13) Acrolein	2.245	56	556	1.71	ug/l #	14
16) Acetone	2.416	43	5878	9.32	ug/l	95
18) Methyl Acetate	2.745	43	858	0.50	ug/l #	81
20) Methylene Chloride	2.831	84	680	0.36	ug/l #	95
25) 2-Butanone	4.641	43	7184	6.73	ug/l	99
29) Tetrahydrofuran	5.105	42	354	0.51	ug/l #	53
36) 1,1-Dichloropropene	5.629	75	10590	4.51	ug/l #	50
38) Carbon Tetrachloride	5.629	117	15106	5.88	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	47834	23.70	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	47834	54.49	ug/l #	12

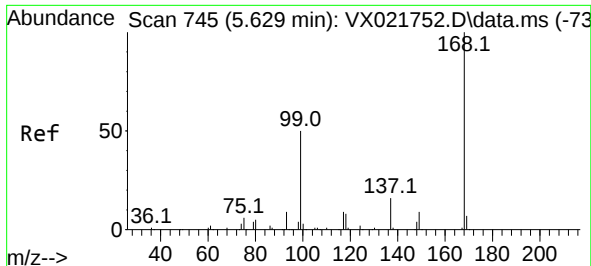
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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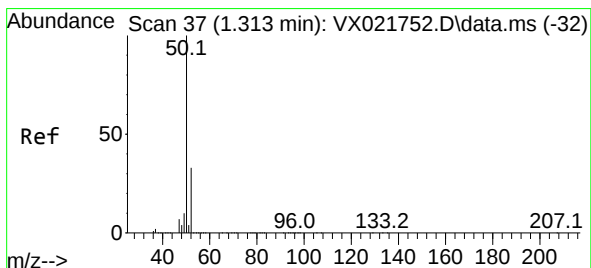
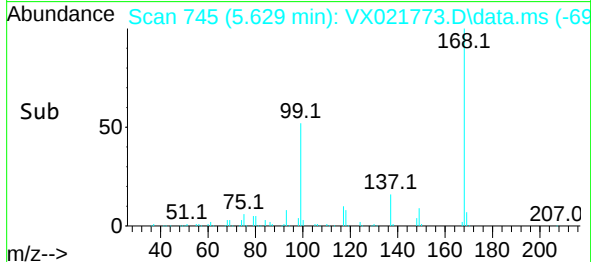
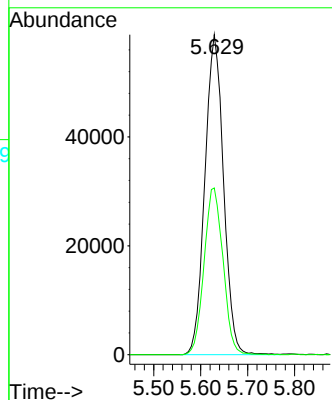
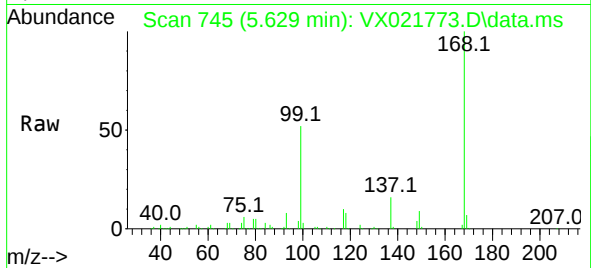




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

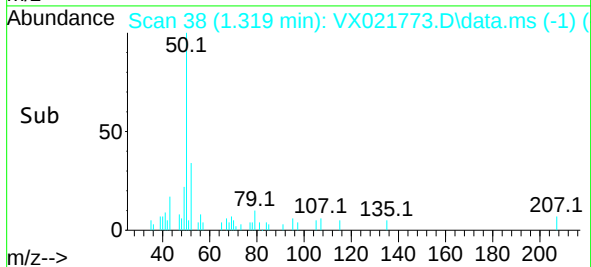
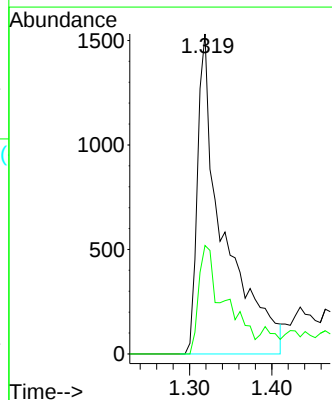
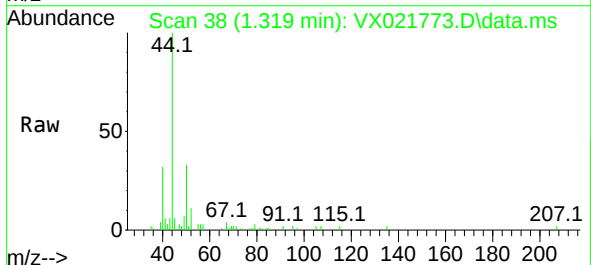
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 161681
Ion Ratio Lower Upper
168 100
99 52.1 45.8 68.6



#3
Chloromethane
Concen: 1.92 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 50 Resp: 3334
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6

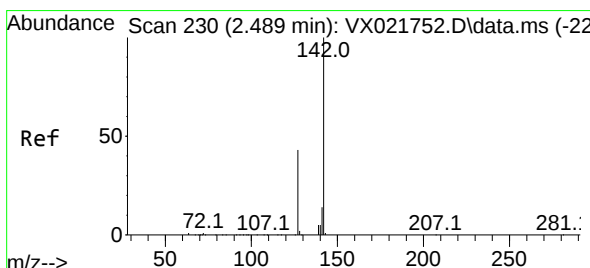
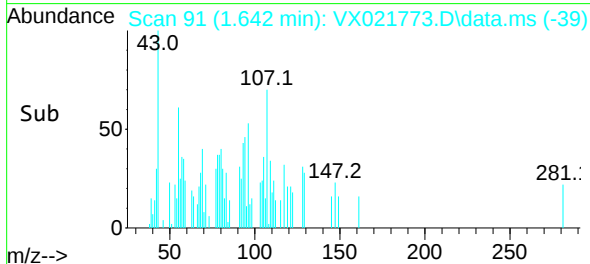
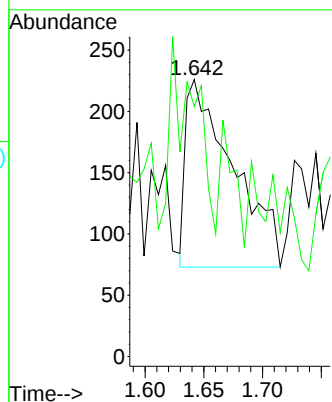
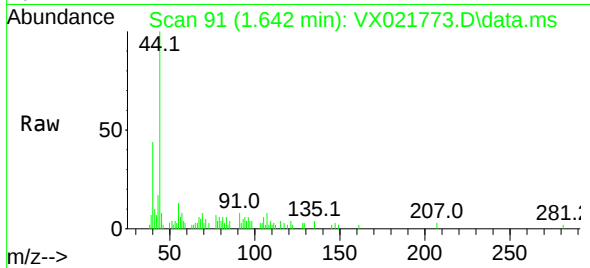




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

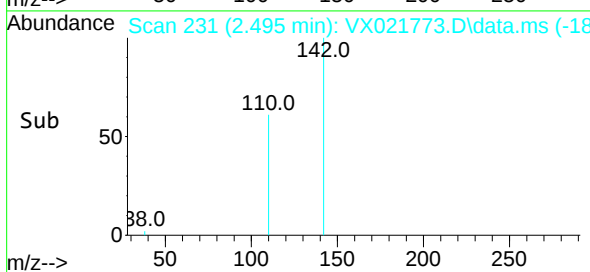
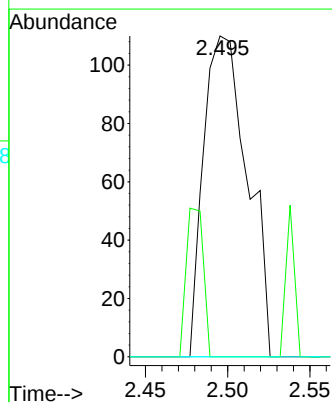
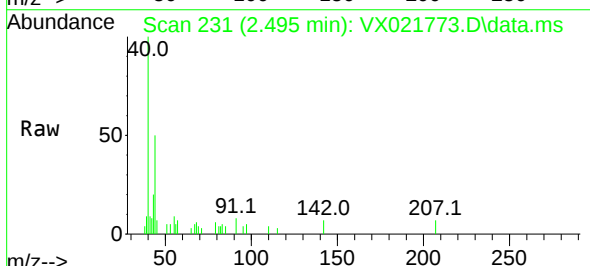
Instrument :
MSVOA_X
ClientSampleId :

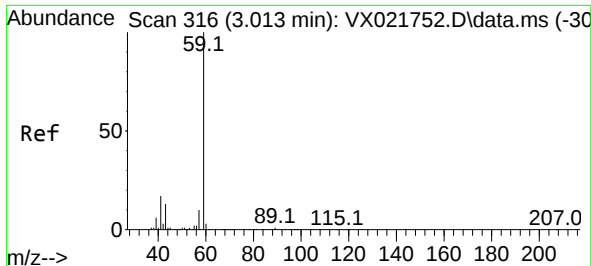
Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 67.3 76.4 114.6#



#10
Methyl Iodide
Concen: 8.29 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 142 Resp: 204
Ion Ratio Lower Upper
142 100
127 18.1 33.3 49.9#
141 0.0 11.4 17.0#

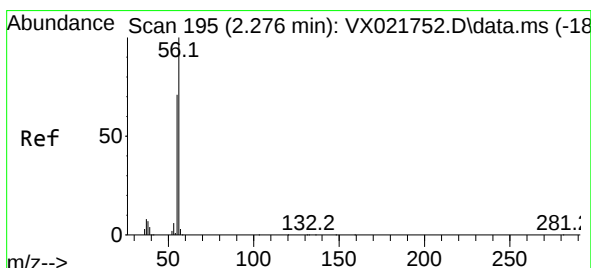
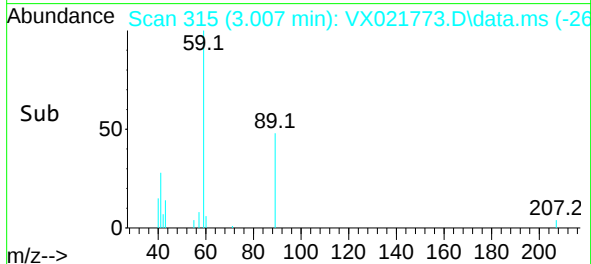
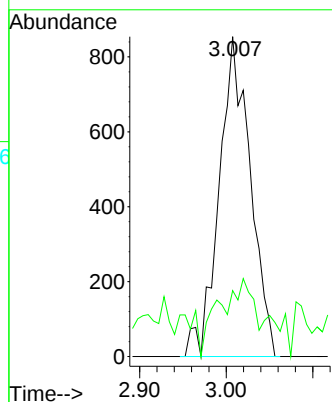
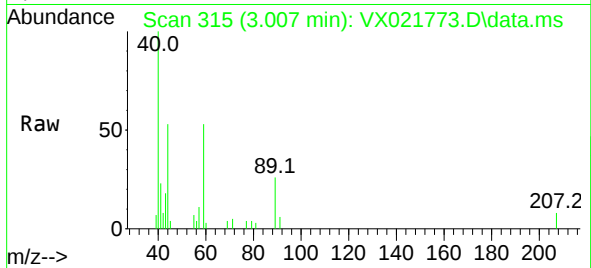




#11
Tert butyl alcohol
Concen: 5.32 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

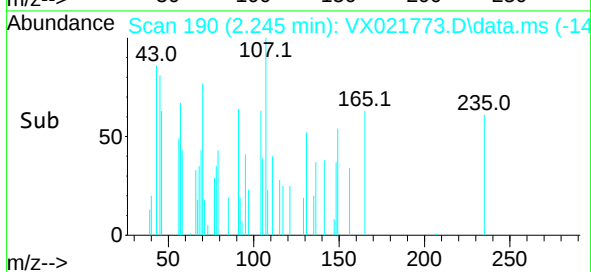
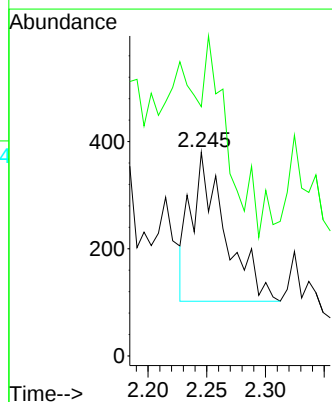
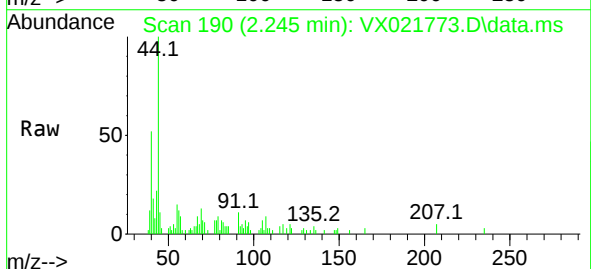
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 59 Resp: 2138
Ion Ratio Lower Upper
59 100
57 8.5 7.8 11.8



#13
Acrolein
Concen: 1.71 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.031 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

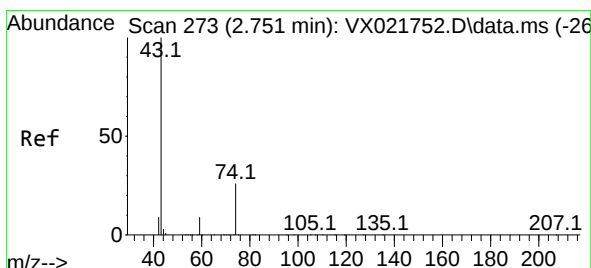
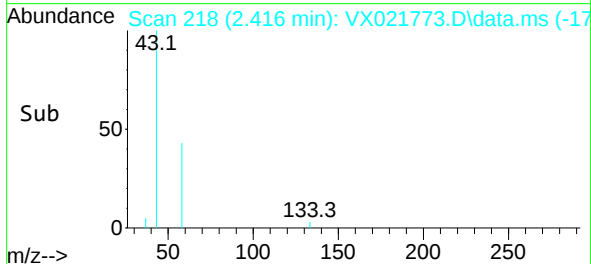
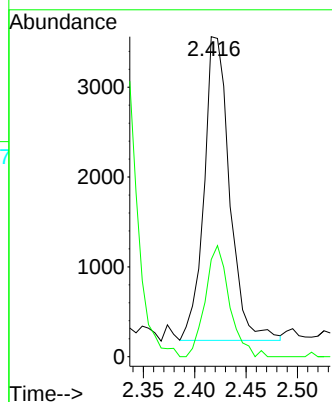
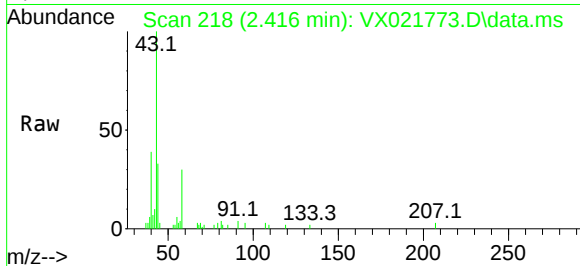




#16
Acetone
Concen: 9.32 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

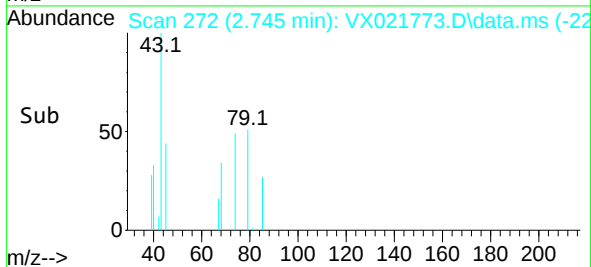
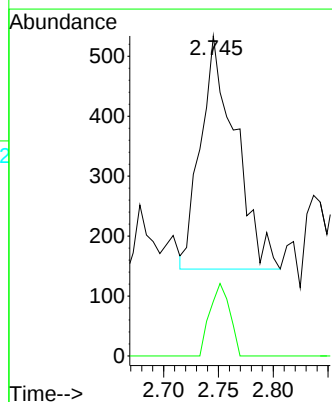
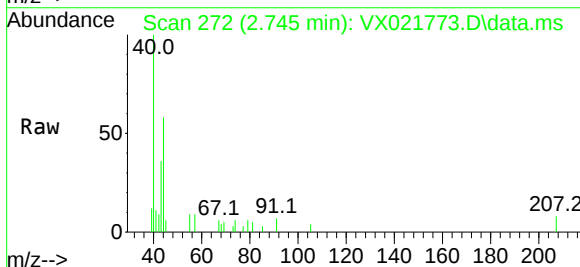
Instrument :
MSVOA_X
ClientSampled :

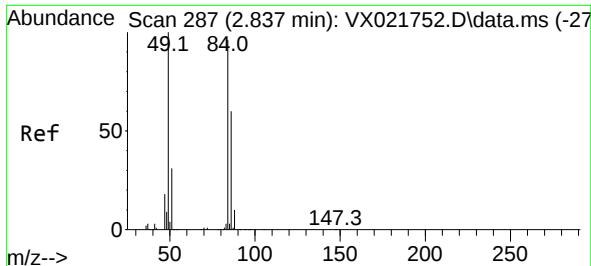
Tgt Ion: 43 Resp: 5878
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.50 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 17.7 21.9 32.9#

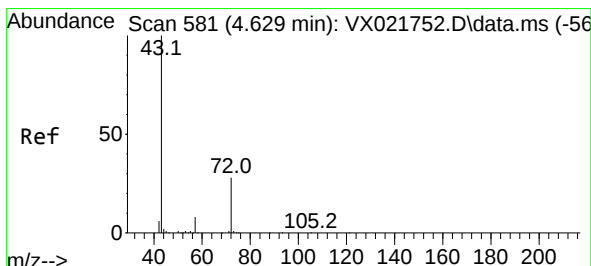
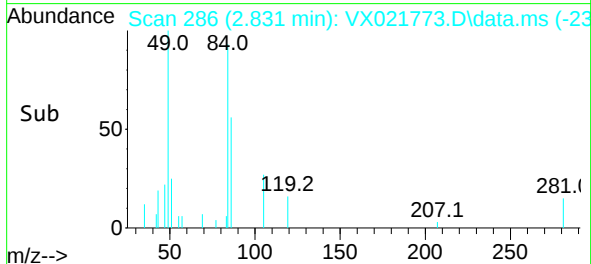
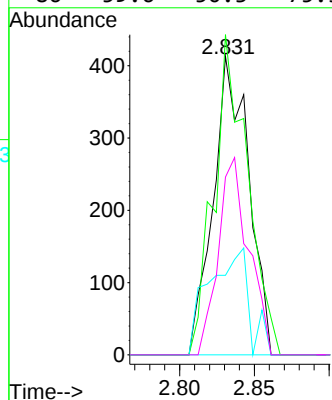
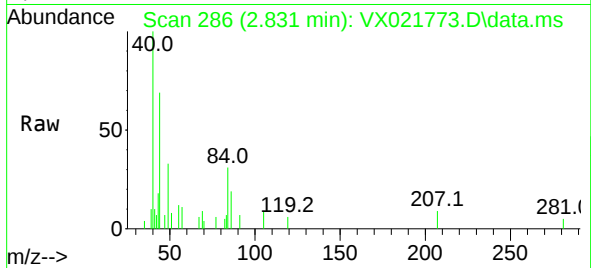




#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

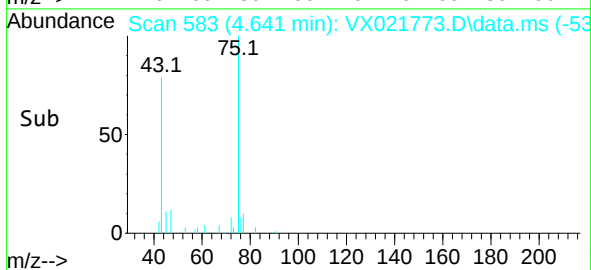
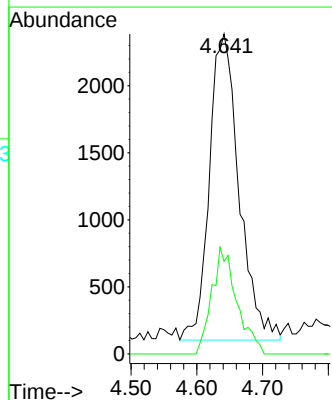
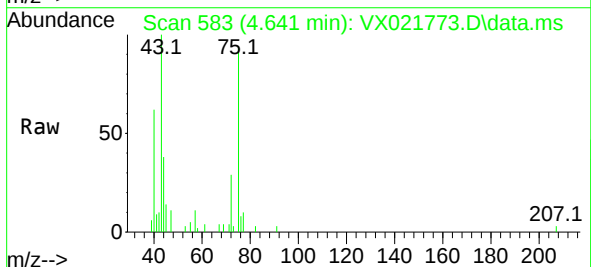
Instrument :
MSVOA_X
ClientSampleId :

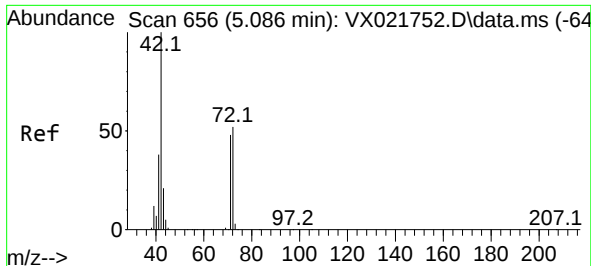
Tgt Ion: 84	Resp: 680
Ion Ratio	Lower Upper
84 100	
49 107.3	88.6 132.8
51 26.6	27.0 40.6#
86 59.6	50.3 75.5



#25
2-Butanone
Concen: 6.73 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 43	Resp: 7184		
Ion Ratio	Lower	Upper	
43 100			
72 30.2	23.7	35.5	





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.105 min Scan# 659

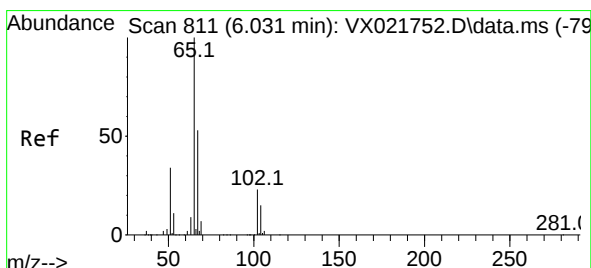
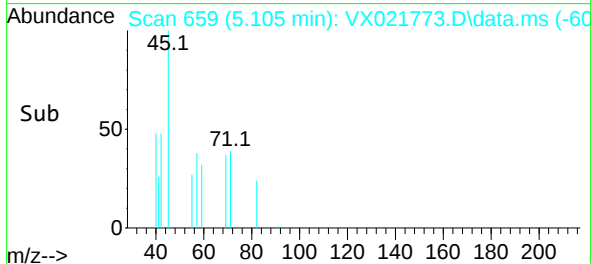
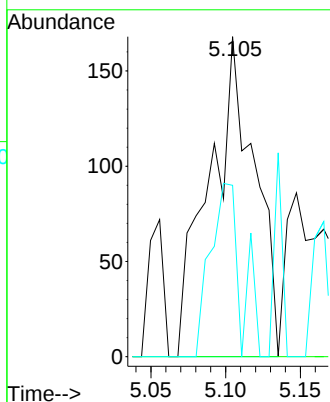
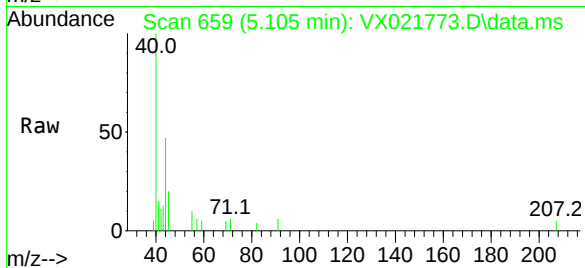
Delta R.T. 0.019 min

Lab File: VX021773.D

Acq: 20 Apr 2021 22:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	354
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	36.7	38.4	57.6#



#33

1,2-Dichloroethane-d4

Concen: 48.20 ug/l

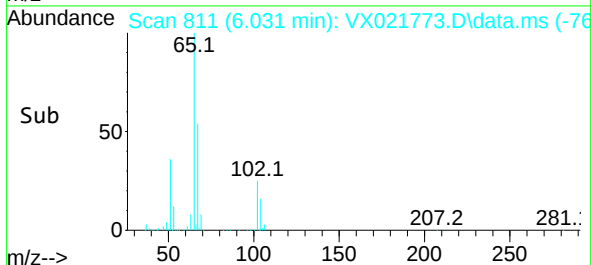
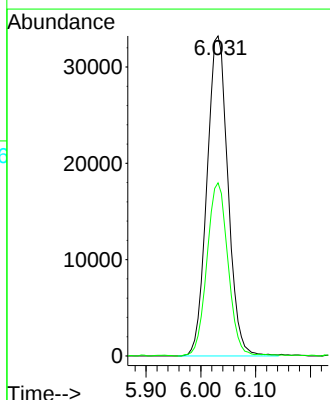
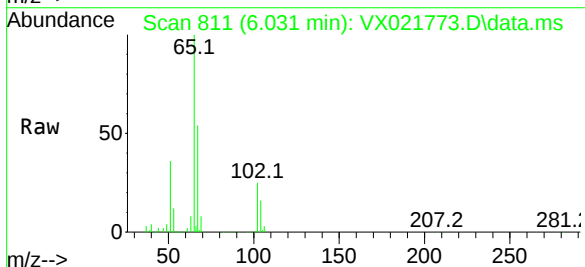
RT: 6.031 min Scan# 811

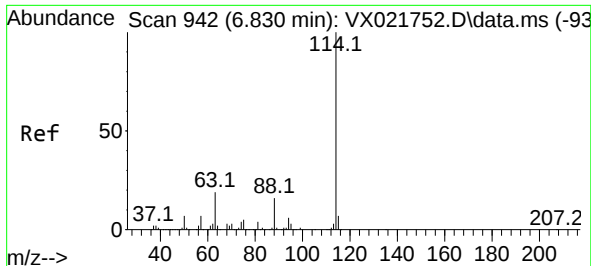
Delta R.T. 0.000 min

Lab File: VX021773.D

Acq: 20 Apr 2021 22:59

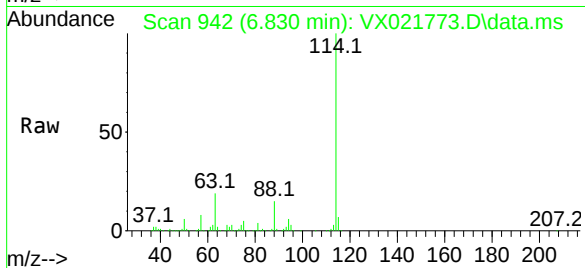
Tgt Ion:	65	Resp:	88411
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.4



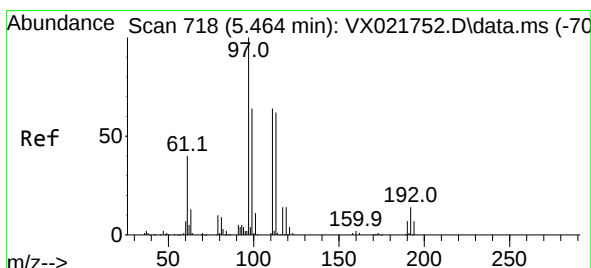
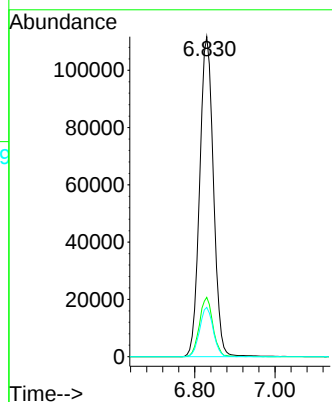
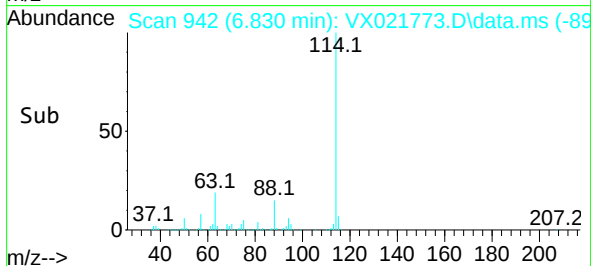


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

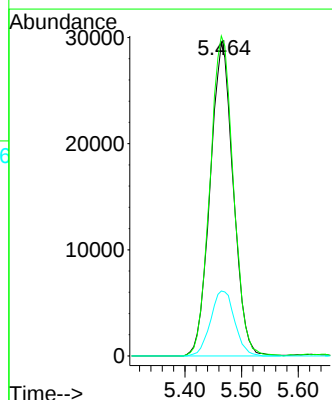
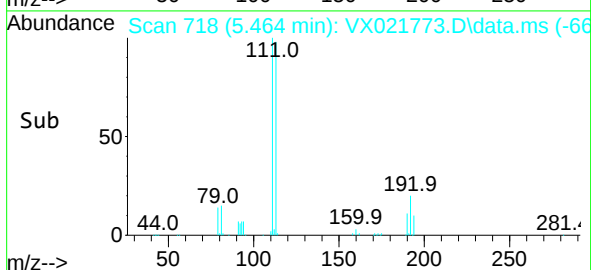
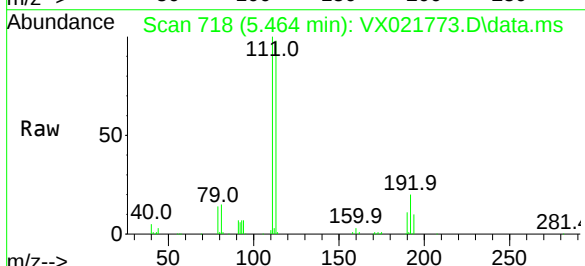


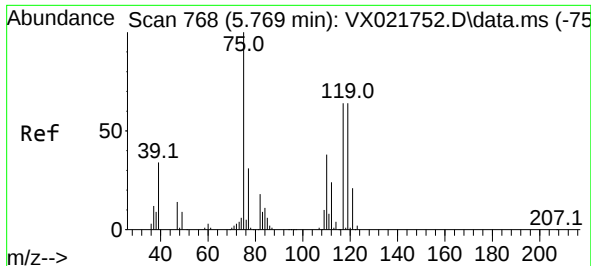
Tgt Ion:114 Resp: 265872
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.04 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

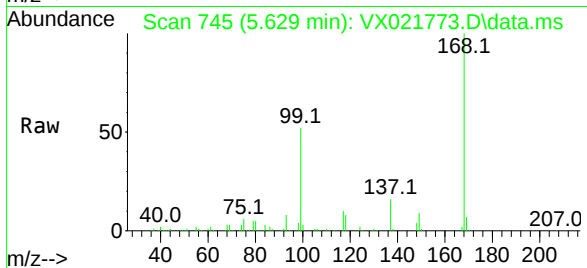
Tgt Ion:113 Resp: 83384
Ion Ratio Lower Upper
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111 103.4 81.9 122.9
192 21.6 16.7 25.1



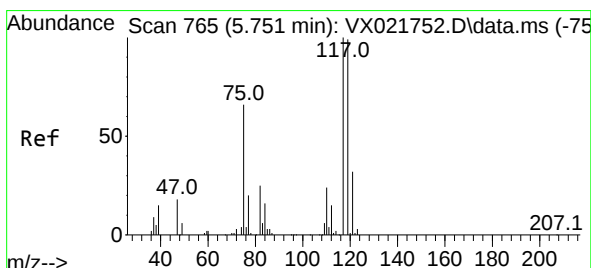
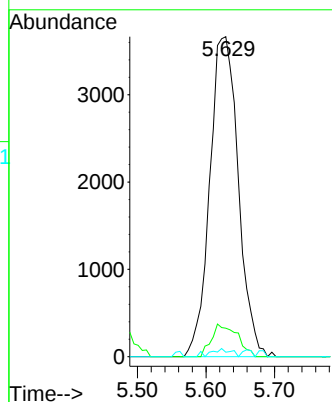
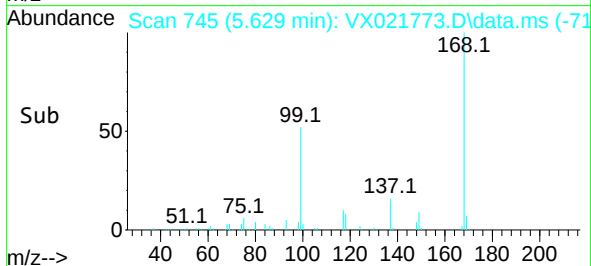


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

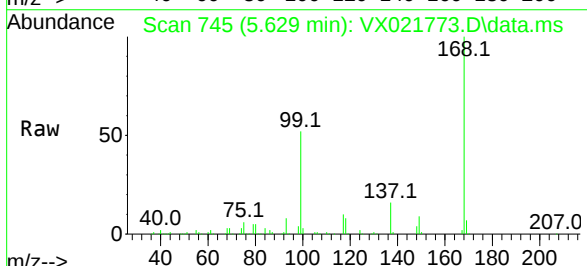
Instrument :
MSVOA_X
ClientSampled :



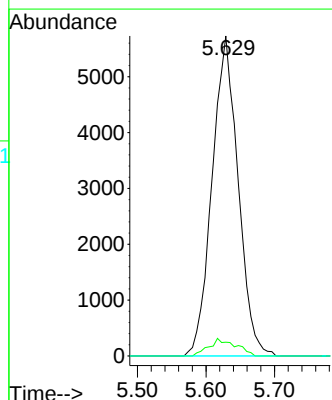
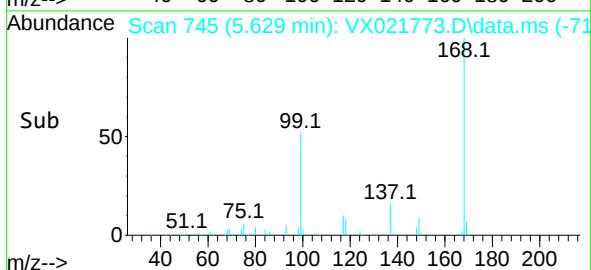
Tgt Ion: 75 Resp: 10590
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 1.7 25.3 37.9#

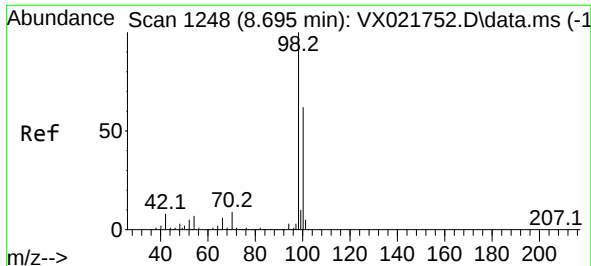


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59



Tgt Ion: 117 Resp: 15106
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

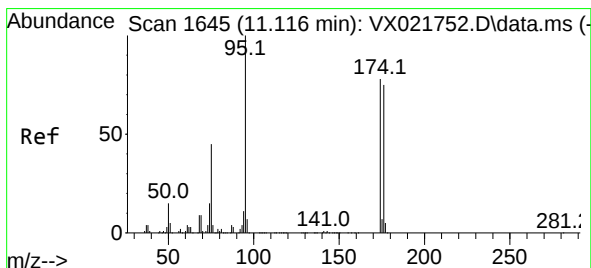
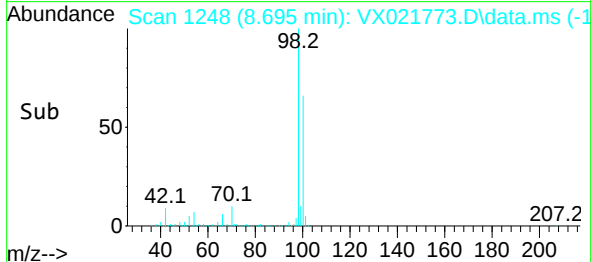
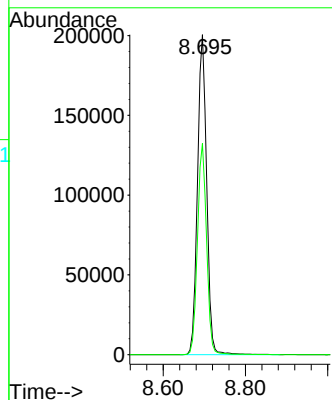
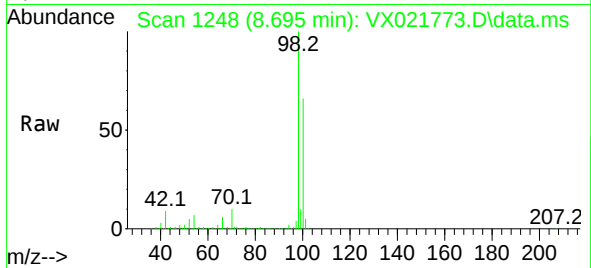




#50
Toluene-d8
Concen: 47.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

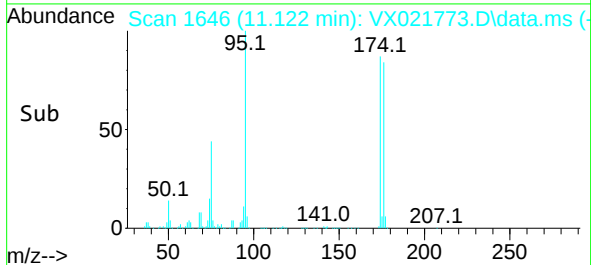
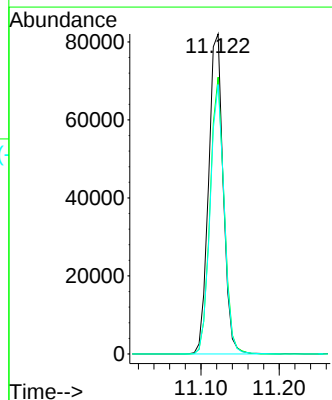
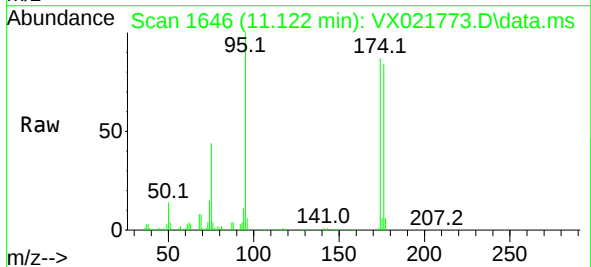
Instrument :
MSVOA_X
ClientSampled :

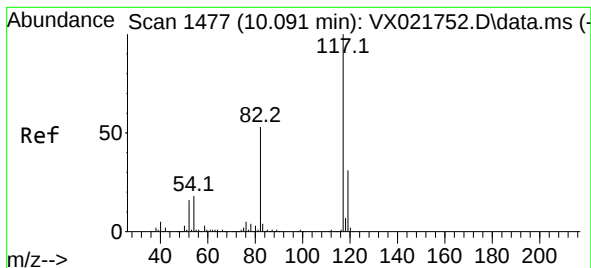
Tgt Ion: 98 Resp: 310441
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 95 Resp: 106178
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 81.1 0.0 155.8

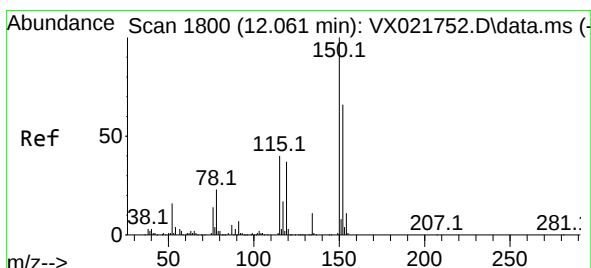
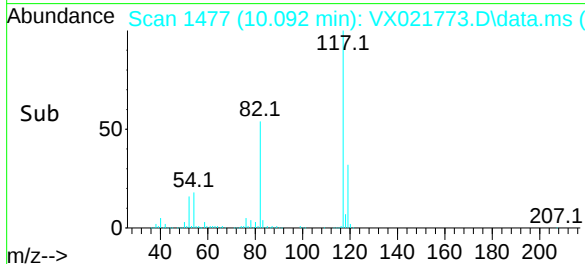
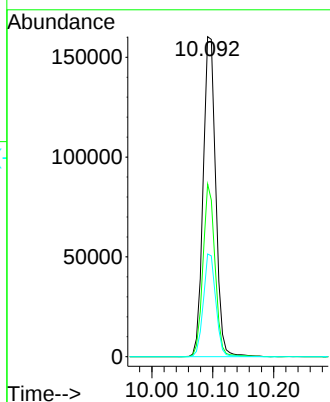
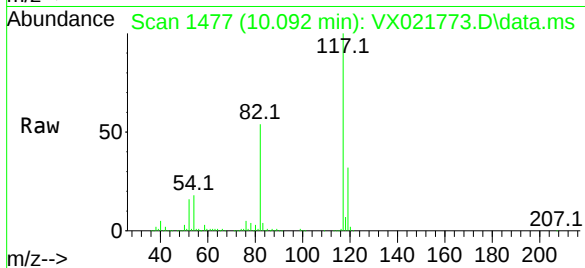




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

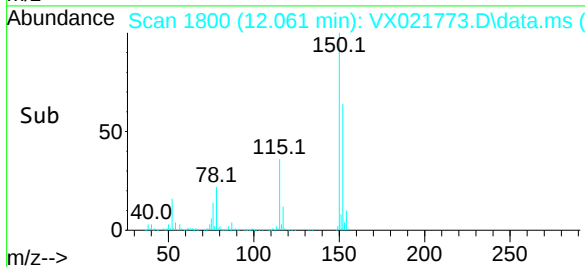
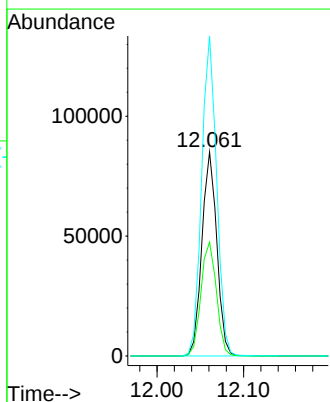
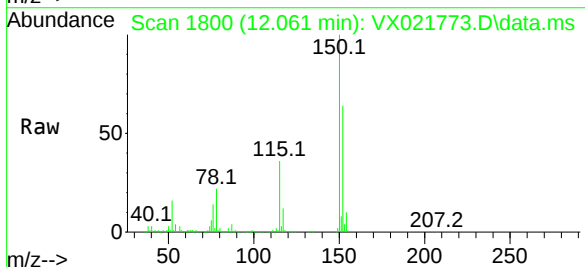
Instrument :
MSVOA_X
ClientSampled :

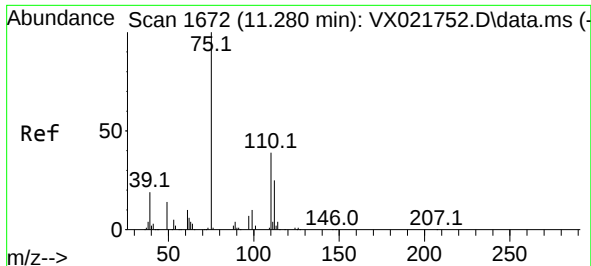
Tgt Ion:117 Resp: 230185
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion:152 Resp: 101799
Ion Ratio Lower Upper
152 100
115 57.7 41.1 123.3
150 157.4 0.0 349.0

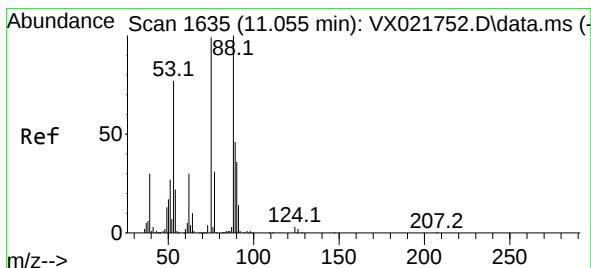
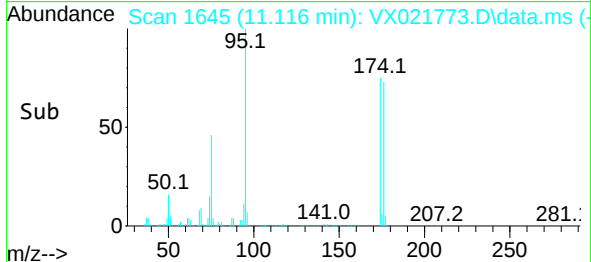
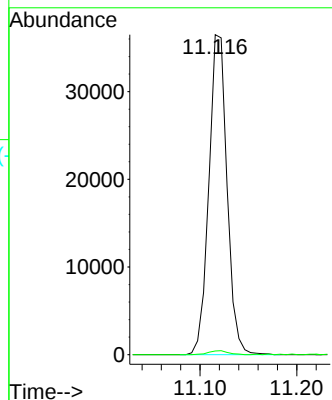
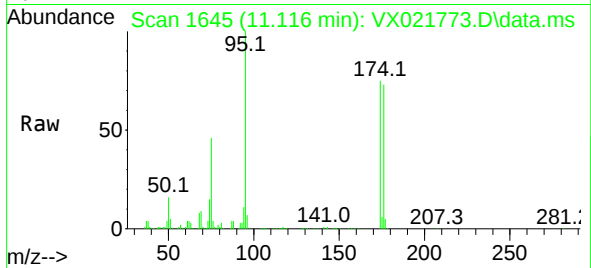




#76
1,2,3-Trichloropropane
Concen: 23.70 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47834
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.49 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021773.D
Acq: 20 Apr 2021 22:59

Tgt Ion: 75 Resp: 47834
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

