

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020377.D
 Acq On : 24 Dec 2020 10:51
 Operator : JC/MD
 Sample : VX1224WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 25 01:09:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	254427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	426340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	387127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	166441	48.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.60%
35) Dibromofluoromethane	5.458	113	132941	48.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.48%
50) Toluene-d8	8.695	98	512378	48.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.62%
62) 4-Bromofluorobenzene	11.122	95	177940	44.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.58%

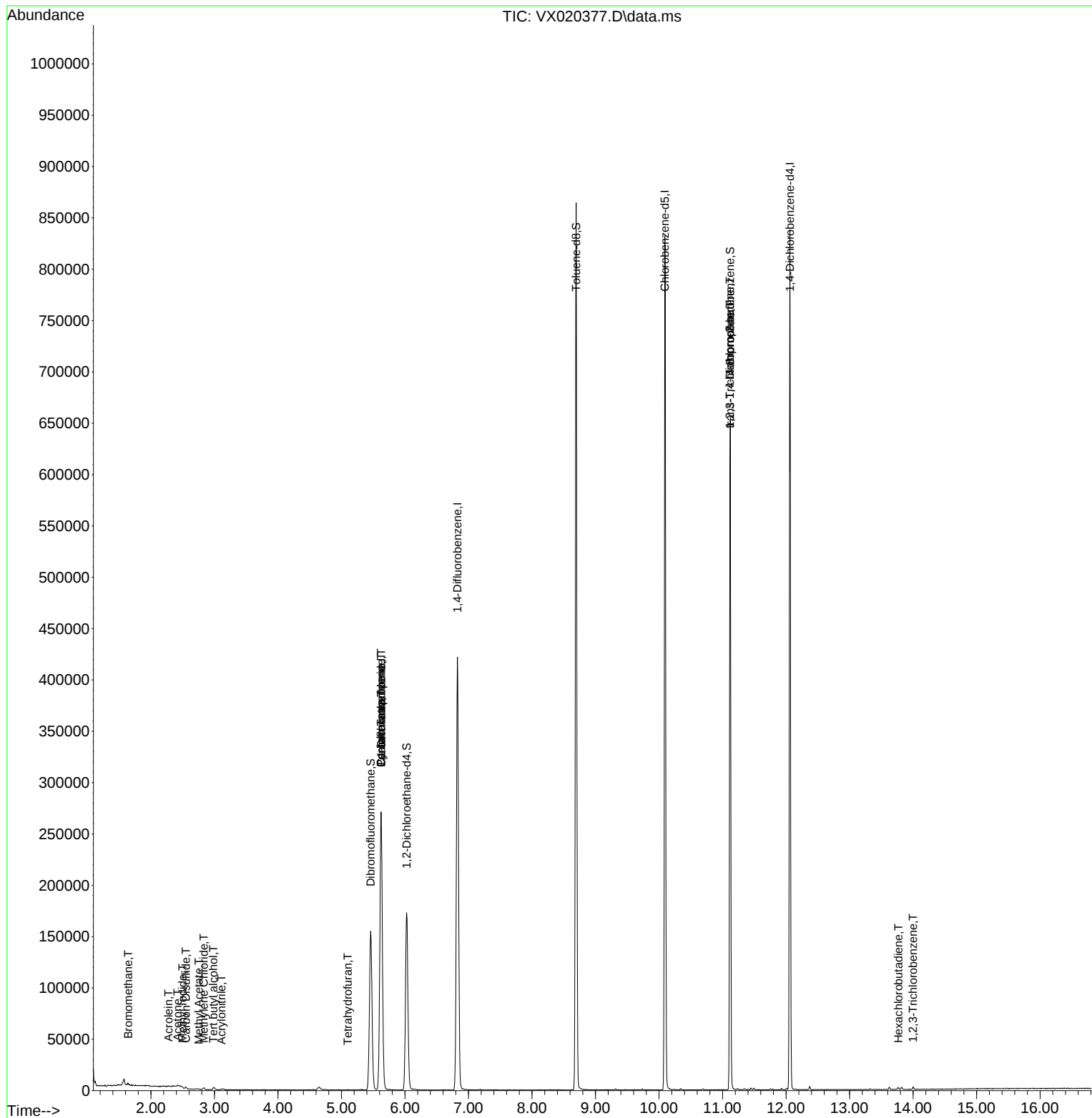
Target Compounds						Qvalue
5) Bromomethane	1.642	94	1119	1.00	ug/l	81
10) Methyl Iodide	2.495	142	806	3.51	ug/l #	87
11) Tert butyl alcohol	2.983	59	1440	1.89	ug/l #	73
13) Acrolein	2.276	56	358	0.75	ug/l #	59
15) Acrylonitrile	3.111	53	516	0.29	ug/l	97
16) Acetone	2.416	43	1536	0.99	ug/l	90
17) Carbon Disulfide	2.550	76	2068	0.27	ug/l	99
18) Methyl Acetate	2.751	43	790	0.23	ug/l #	74
20) Methylene Chloride	2.830	84	722	0.21	ug/l	86
29) Tetrahydrofuran	5.098	42	302	0.21	ug/l #	33
31) Cyclohexane	5.623	56	5245	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20144	4.78	ug/l #	49
38) Carbon Tetrachloride	5.623	117	25014	6.24	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	87205	21.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	87205	64.97	ug/l #	12
94) Hexachlorobutadiene	13.768	225	318	2.85	ug/l	80
96) 1,2,3-Trichlorobenzene	13.999	180	864	0.25	ug/l	81

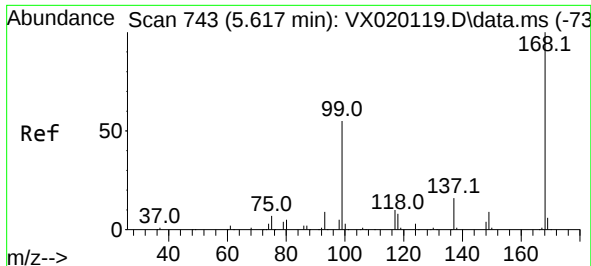
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 25 01:09:13 2020
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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

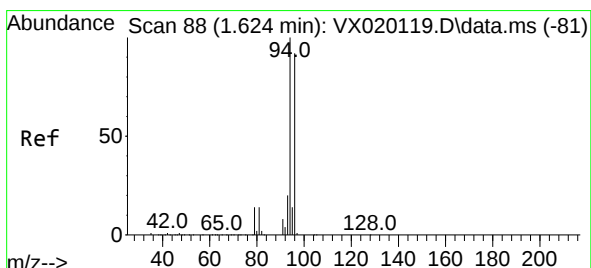
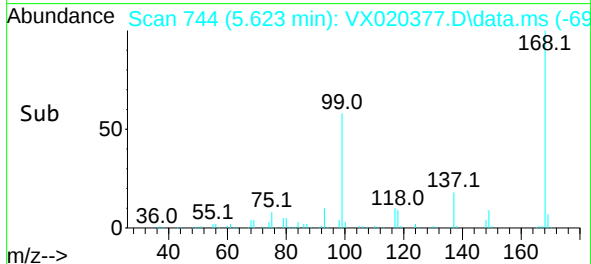
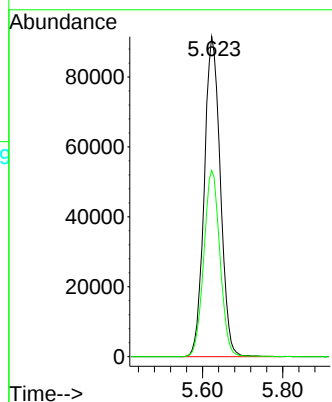
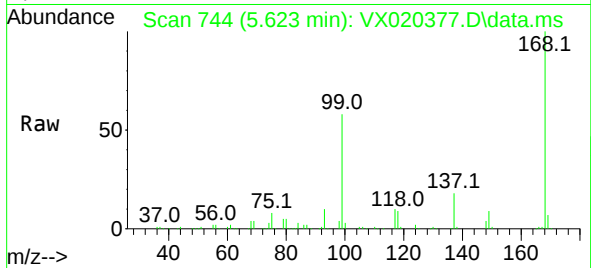




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

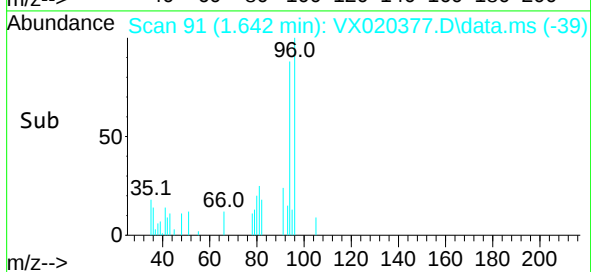
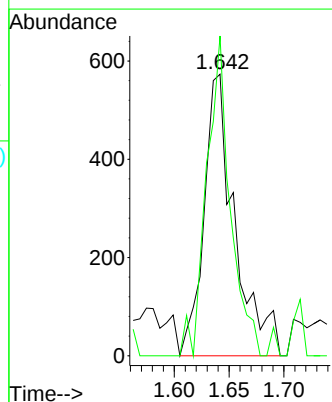
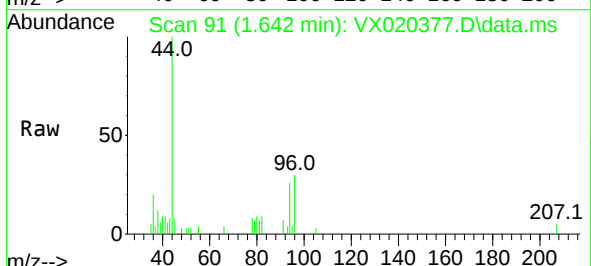
Instrument :
MSVOA_X
ClientSampled :

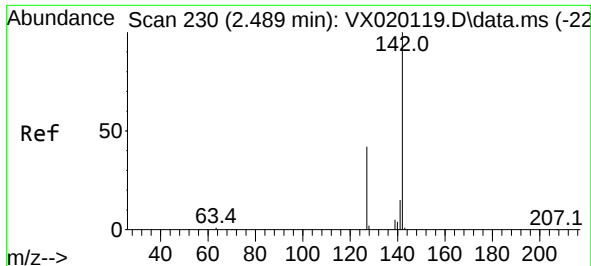
Tgt Ion:168 Resp: 254427
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 1.00 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

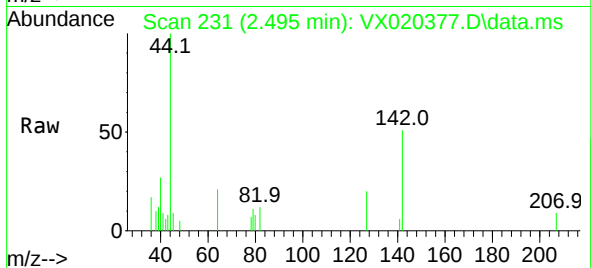
Tgt Ion: 94 Resp: 1119
Ion Ratio Lower Upper
94 100
96 113.6 76.4 114.6



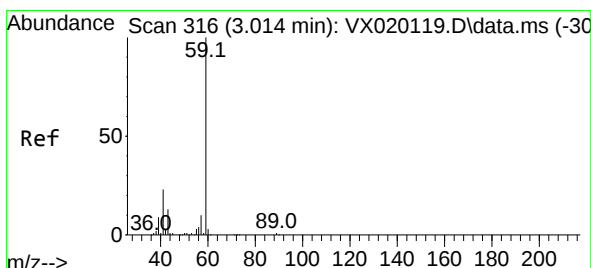
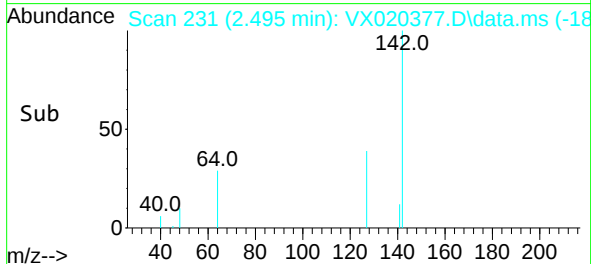
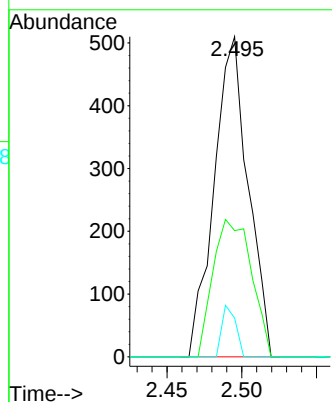


#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampled :

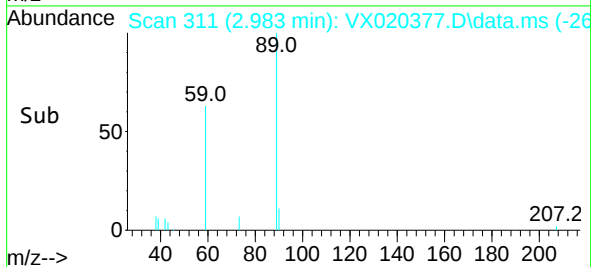
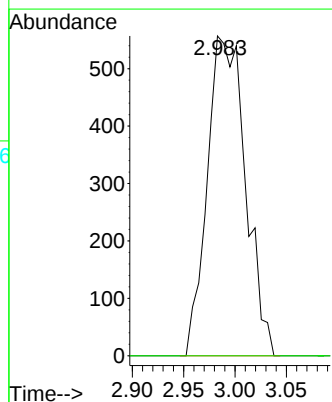
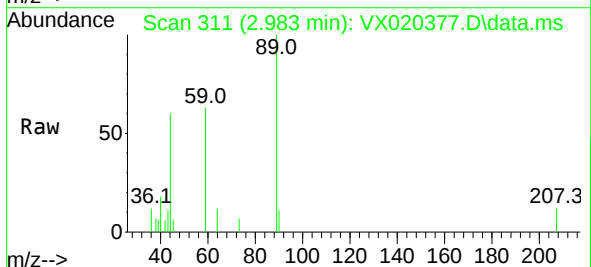


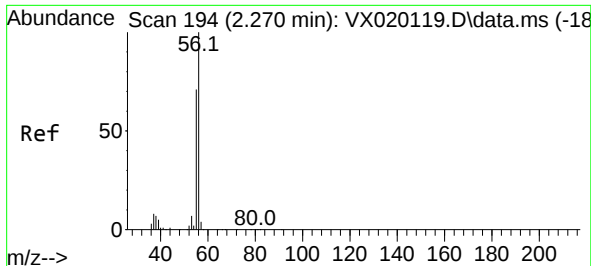
Tgt Ion:142 Resp: 806
Ion Ratio Lower Upper
142 100
127 48.4 33.3 49.9
141 6.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.89 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

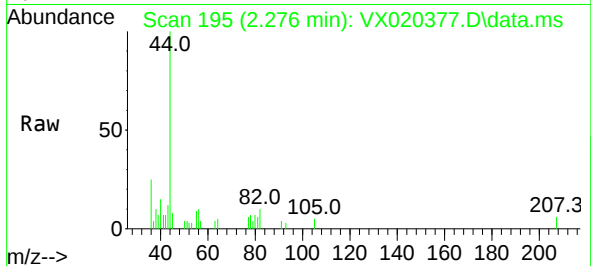
Tgt Ion: 59 Resp: 1440
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



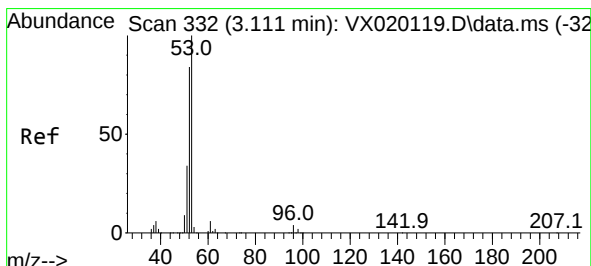
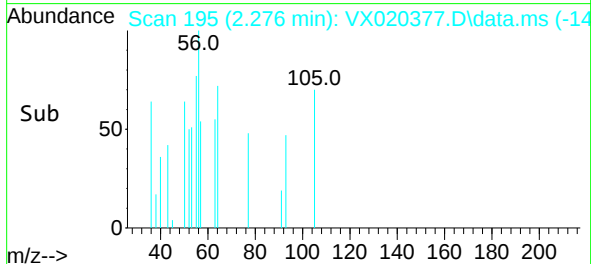
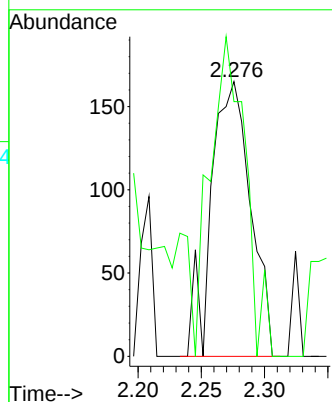


#13
Acrolein
Concen: 0.75 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampled :

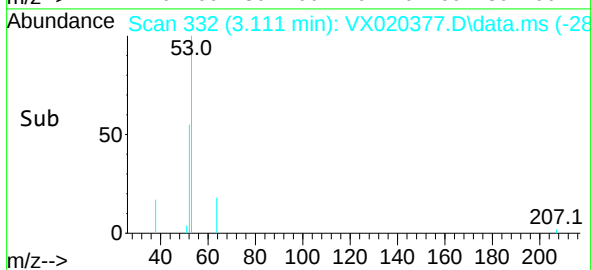
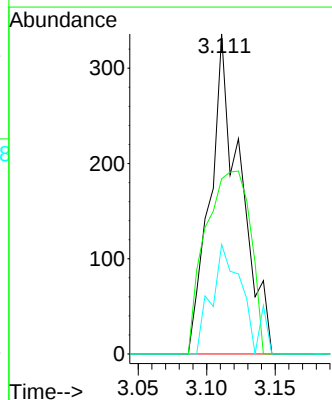
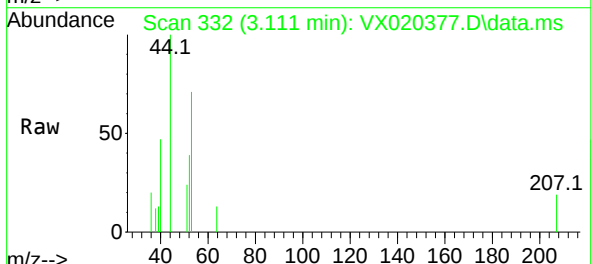


Tgt Ion: 56 Resp: 358
Ion Ratio Lower Upper
56 100
55 103.9 56.4 84.6#



#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Tgt Ion: 53 Resp: 516
Ion Ratio Lower Upper
53 100
52 84.7 65.3 97.9
51 35.9 28.2 42.2

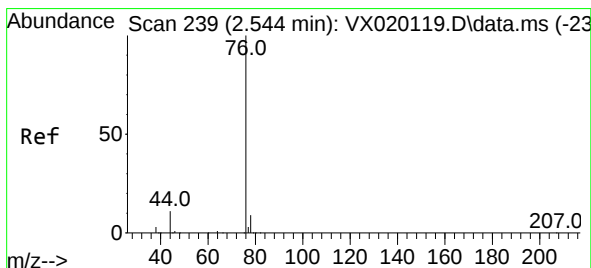
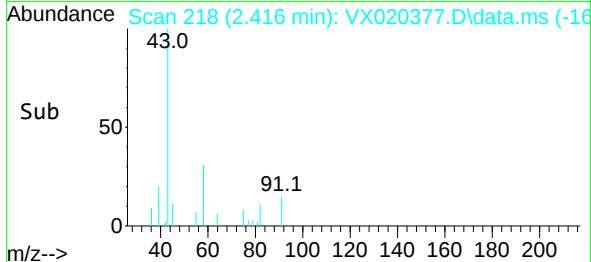
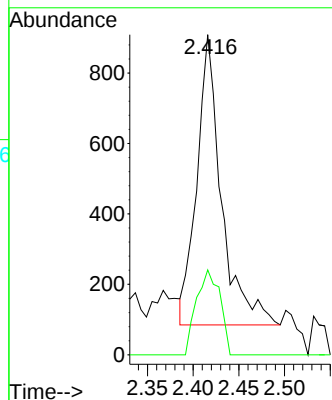
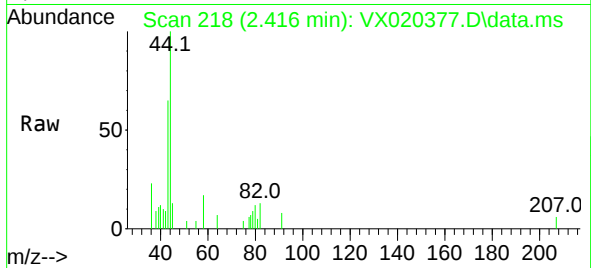




#16
Acetone
Concen: 0.99 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

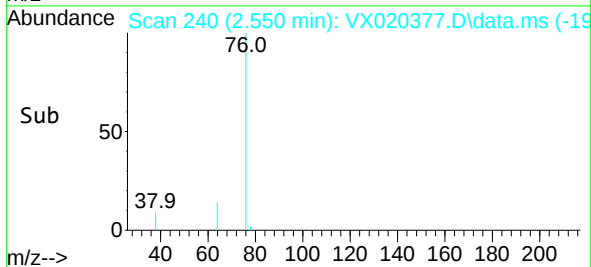
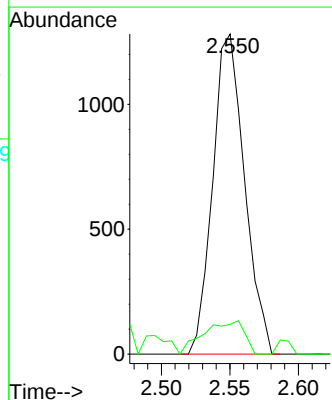
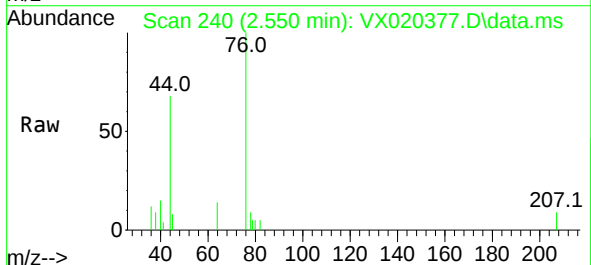
Instrument :
MSVOA_X
ClientSampled :

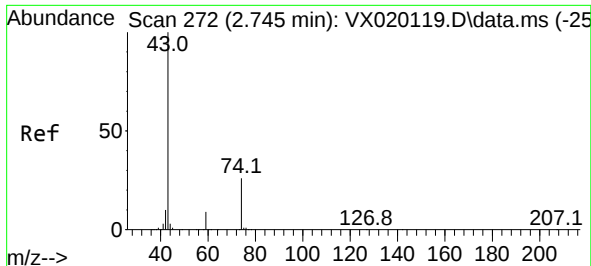
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

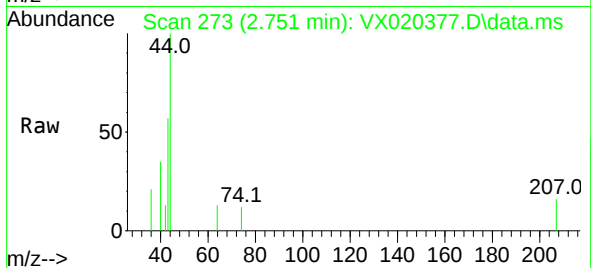
Tgt Ion: 76 Resp: 2068
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



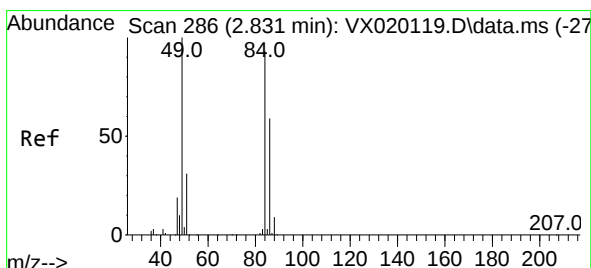
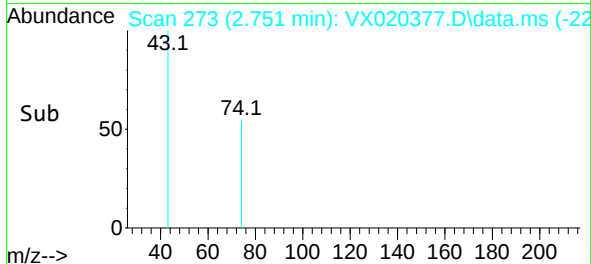
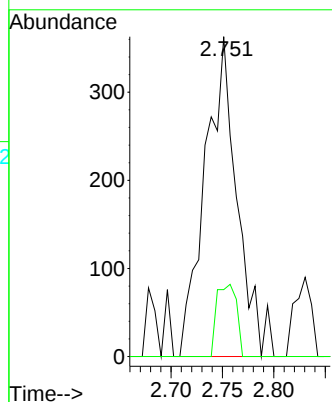


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

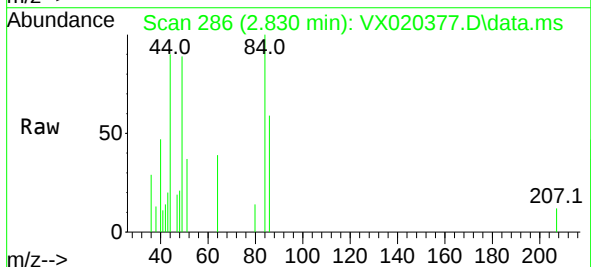
Instrument :
MSVOA_X
ClientSampled :



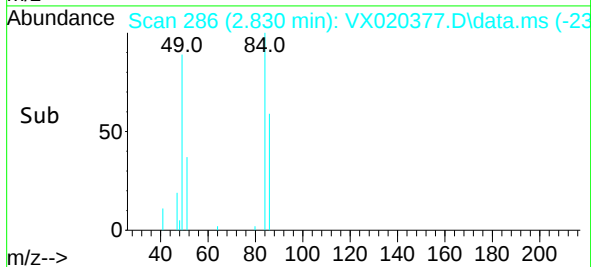
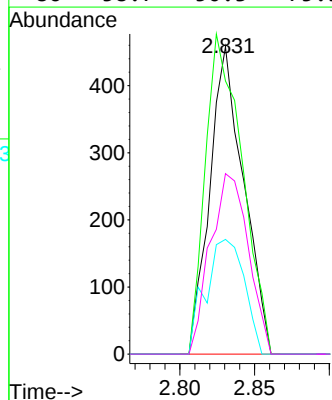
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
74 13.8 21.9 32.9#

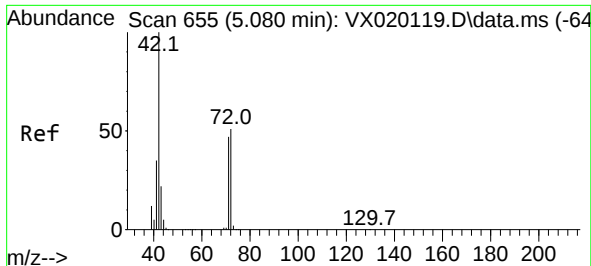


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51



Tgt Ion: 84 Resp: 722
Ion Ratio Lower Upper
84 100
49 88.9 88.6 132.8
51 37.3 27.0 40.6
86 58.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.098 min Scan# 658

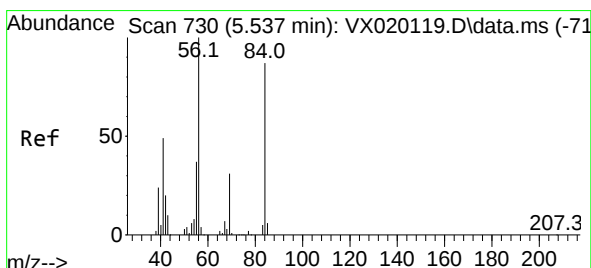
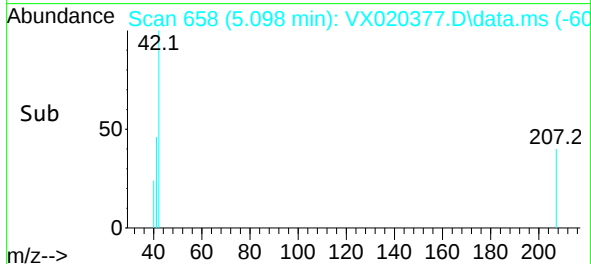
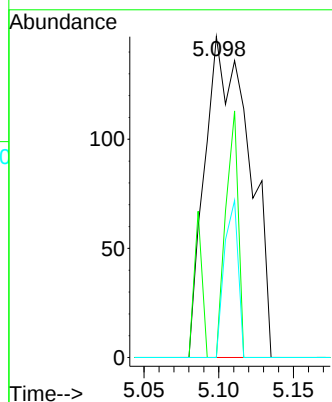
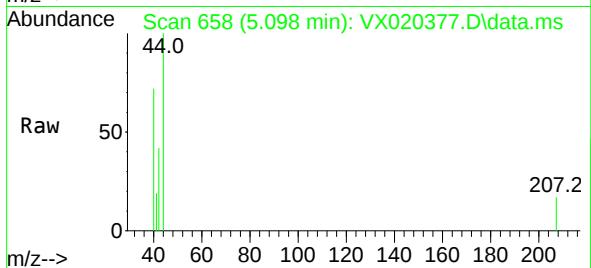
Delta R.T. 0.018 min

Lab File: VX020377.D

Acq: 24 Dec 2020 10:51

Tgt Ion:	42	Resp:	302
Ion Ratio	Lower	Upper	
42	100		
72	7.9	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.12 ug/l

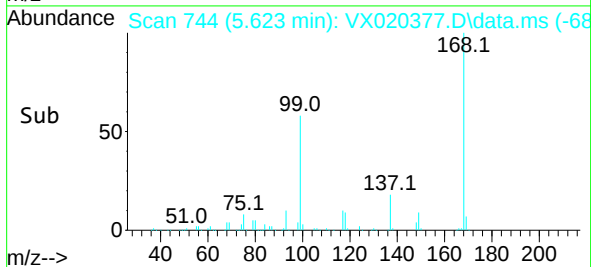
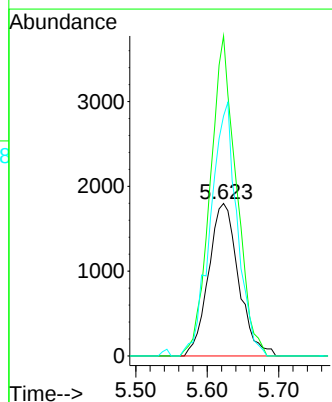
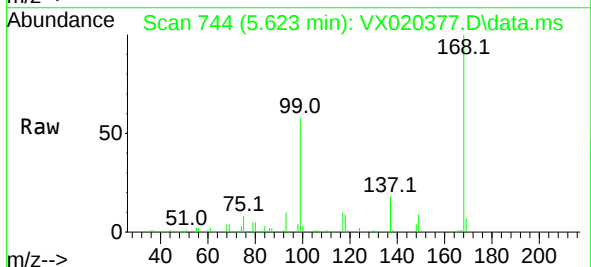
RT: 5.623 min Scan# 744

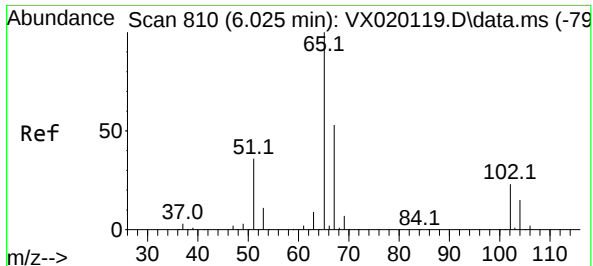
Delta R.T. 0.086 min

Lab File: VX020377.D

Acq: 24 Dec 2020 10:51

Tgt Ion:	56	Resp:	5245
Ion Ratio	Lower	Upper	
56	100		
69	209.8	25.3	37.9#
84	157.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.80 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020377.D

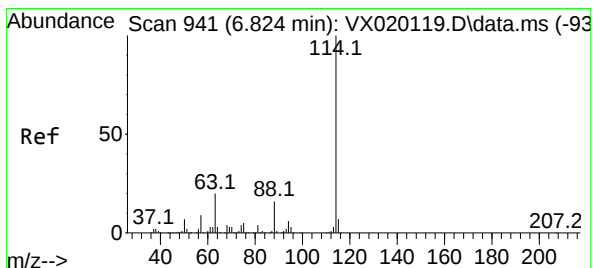
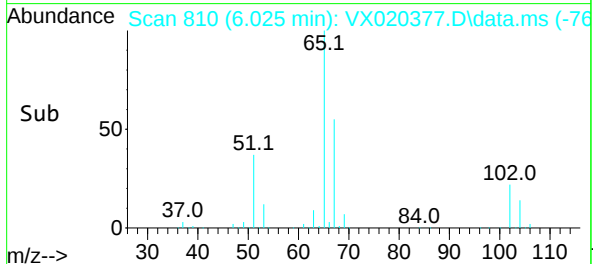
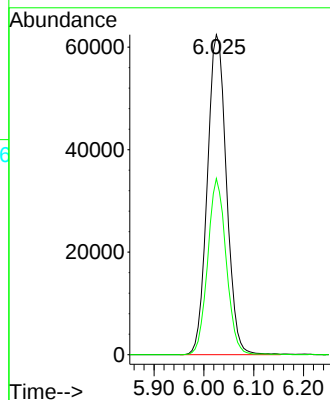
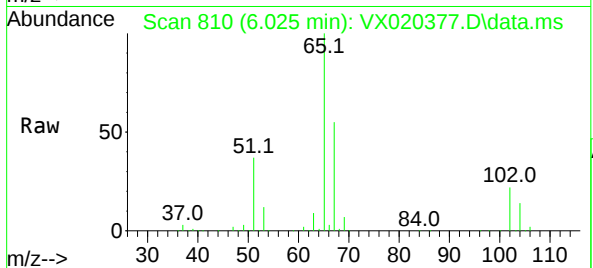
Acq: 24 Dec 2020 10:51

Tgt Ion: 65 Resp: 166441

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020377.D

Acq: 24 Dec 2020 10:51

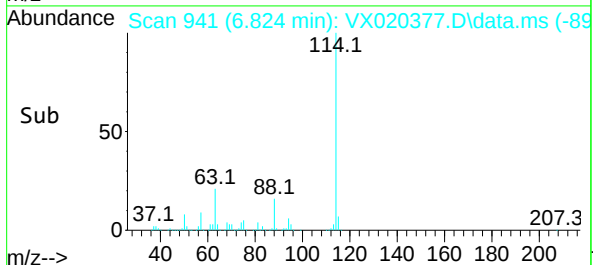
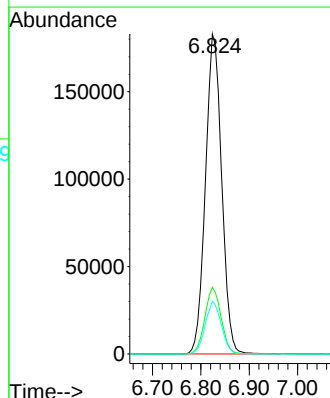
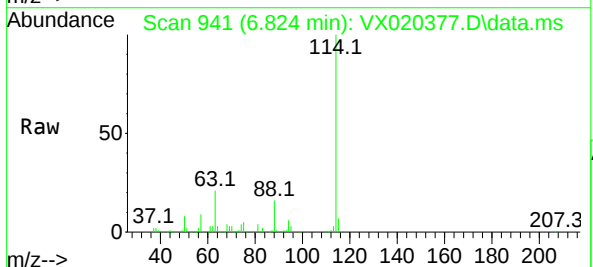
Tgt Ion: 114 Resp: 426340

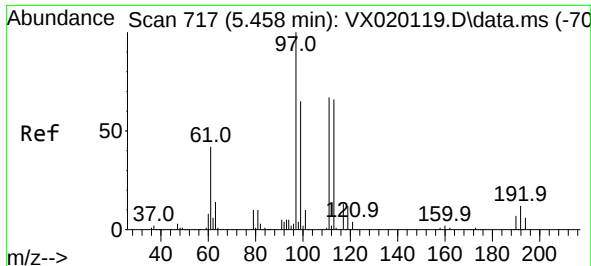
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

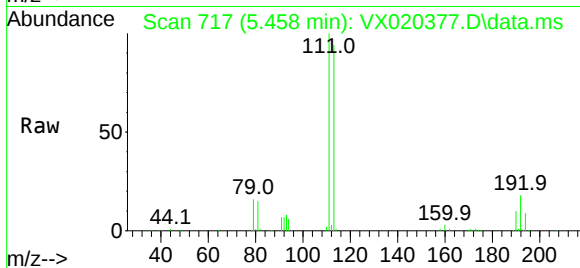
88 16.5 0.0 32.8



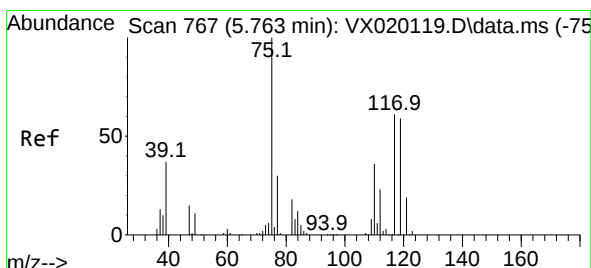
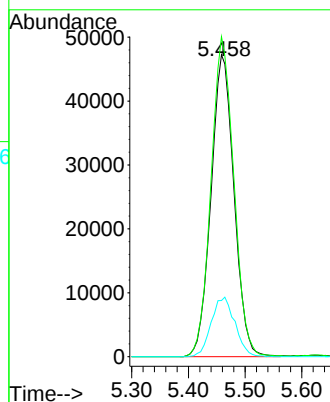
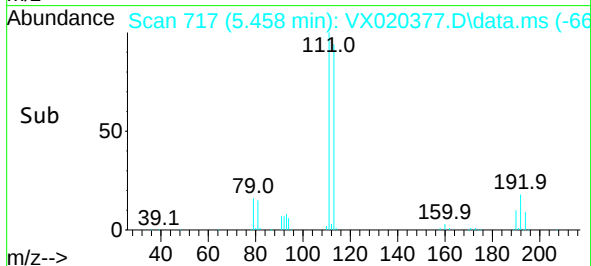


#35
Dibromofluoromethane
Concen: 48.74 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

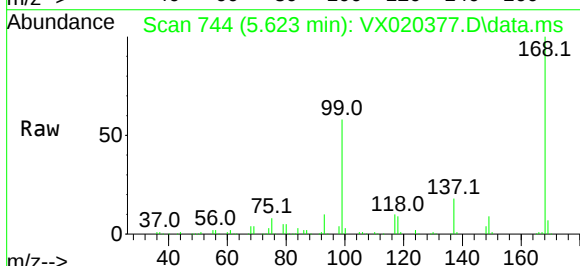
Instrument :
MSVOA_X
ClientSampled :



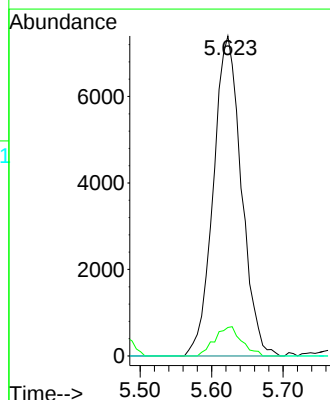
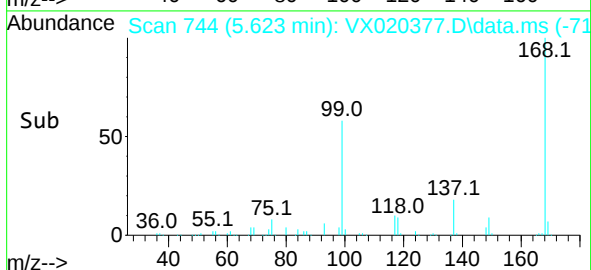
Tgt Ion:113 Resp: 132941
Ion Ratio Lower Upper
113 100
111 105.2 81.9 122.9
192 20.3 16.7 25.1

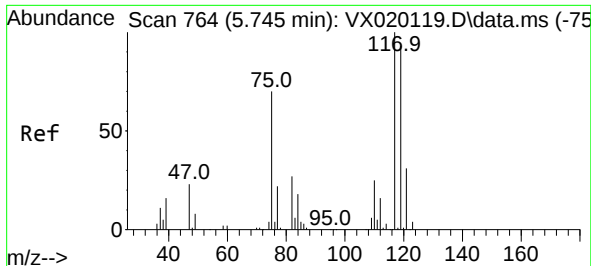


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51



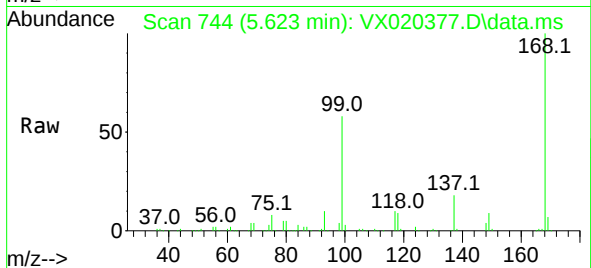
Tgt Ion: 75 Resp: 20144
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



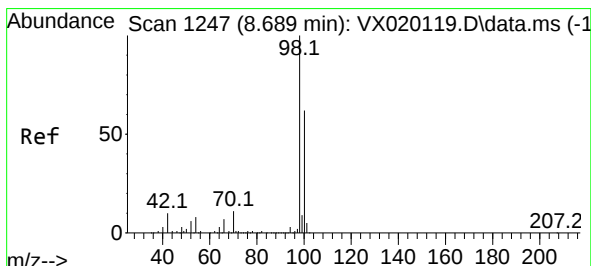
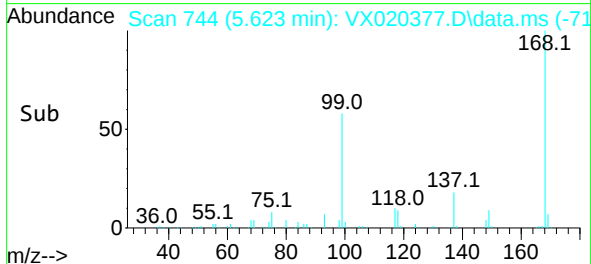
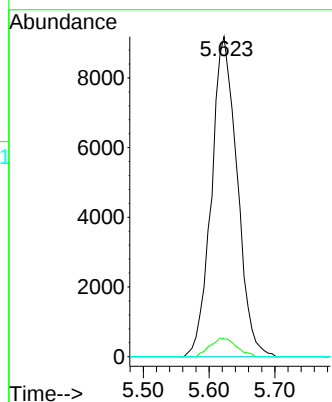


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :

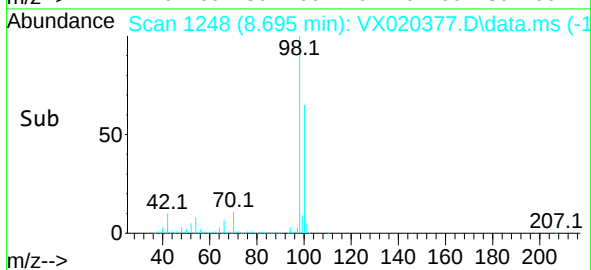
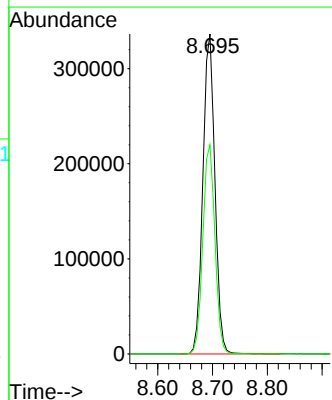
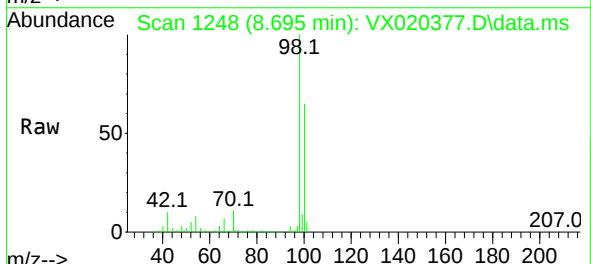


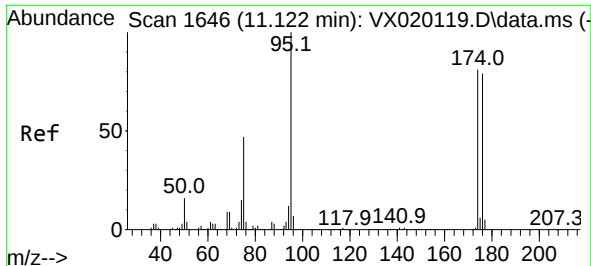
Tgt Ion:117 Resp: 25014
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.81 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Tgt Ion: 98 Resp: 512378
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

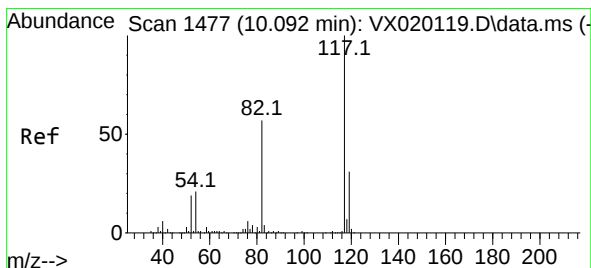
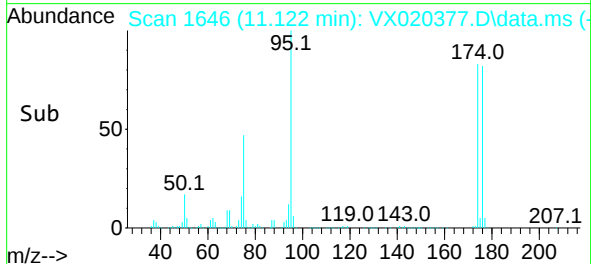
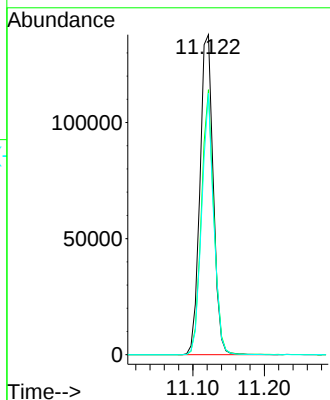
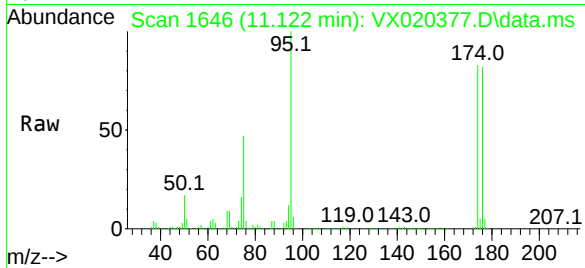




#62
4-Bromofluorobenzene
Concen: 44.29 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

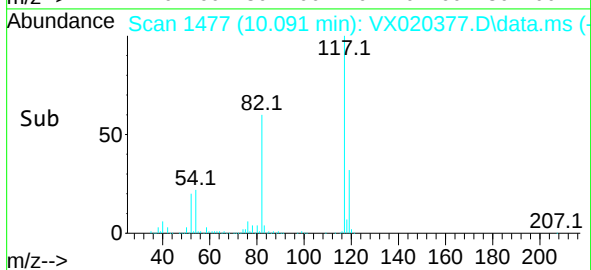
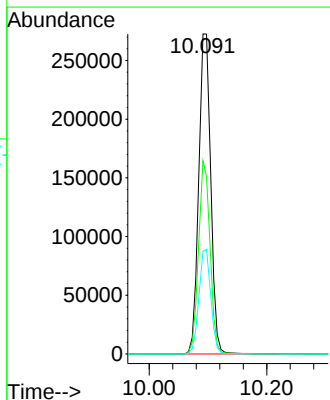
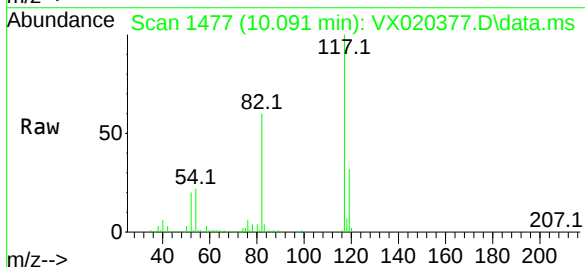
Instrument :
MSVOA_X
ClientSampleId :

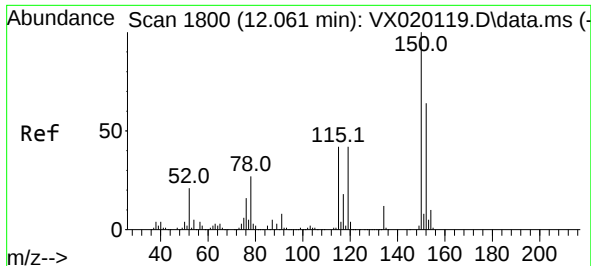
Tgt Ion: 95 Resp: 177940
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Tgt Ion: 117 Resp: 387127
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.1 26.6 39.8

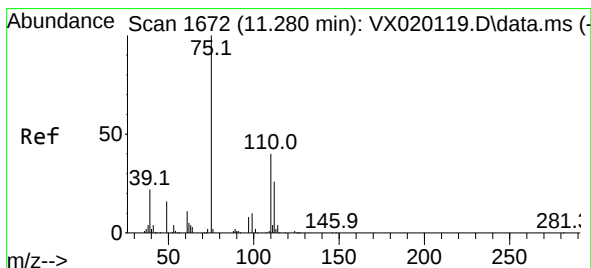
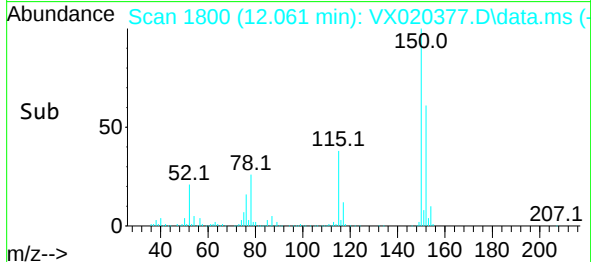
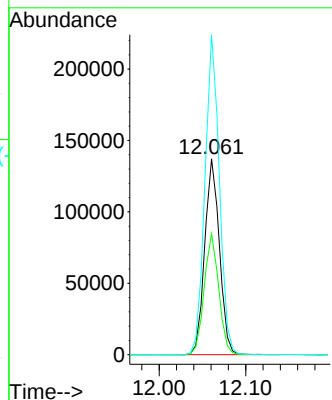
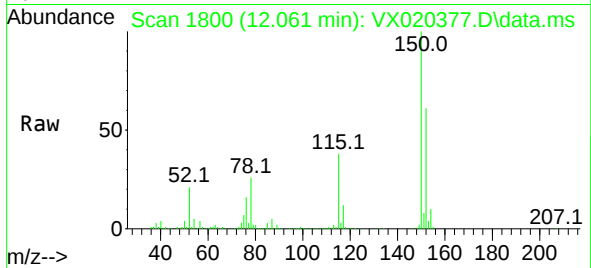




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

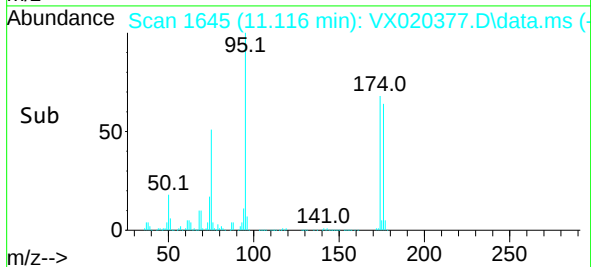
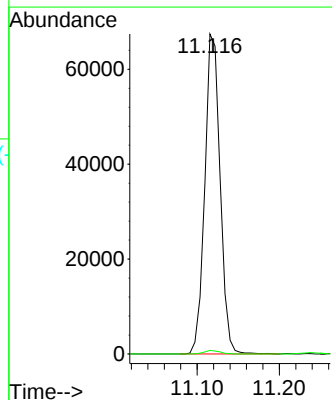
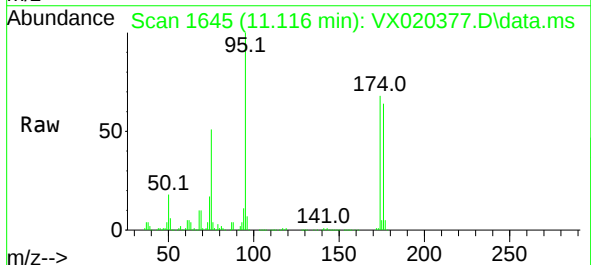
Instrument :
MSVOA_X
ClientSampleId :

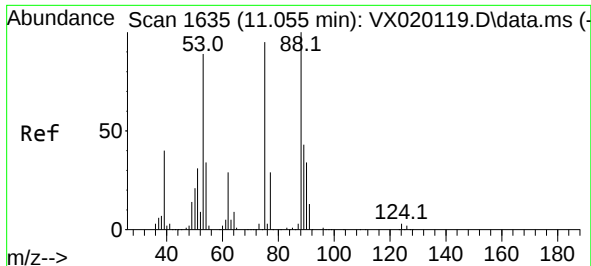
Tgt Ion:152 Resp: 161668
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 160.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.90 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Tgt Ion: 75 Resp: 87205
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

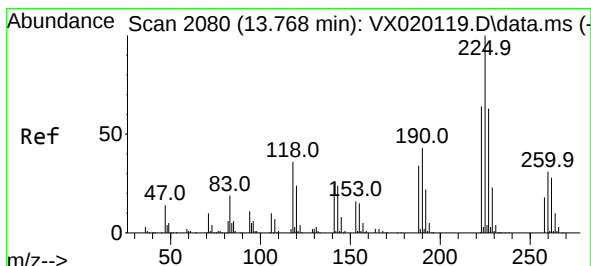
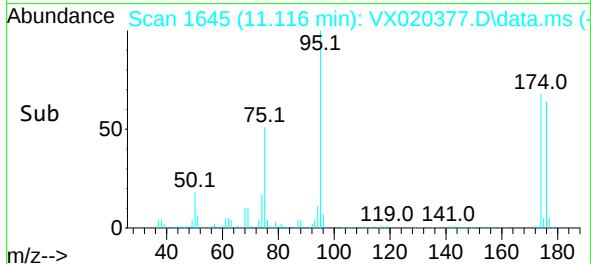
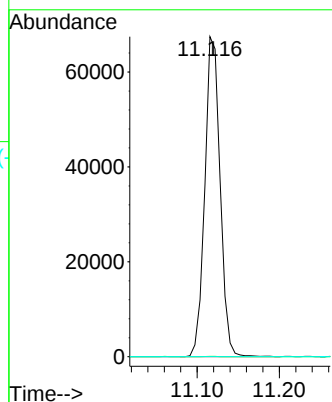
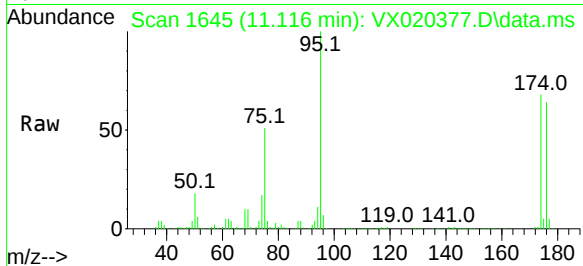




#81
trans-1,4-Dichloro-2-butene
Concen: 64.97 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

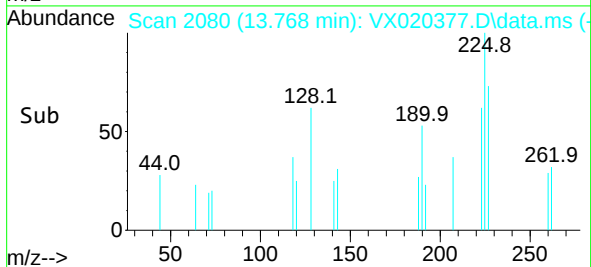
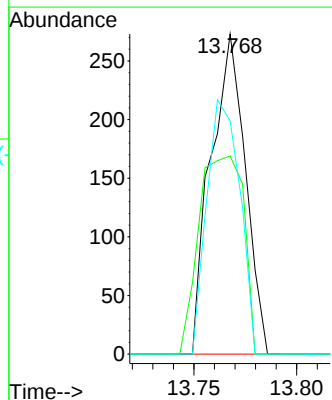
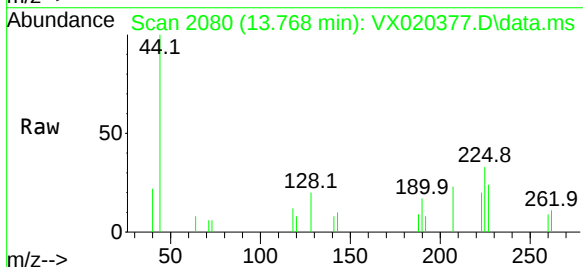
Instrument :
MSVOA_X
ClientSampleId :

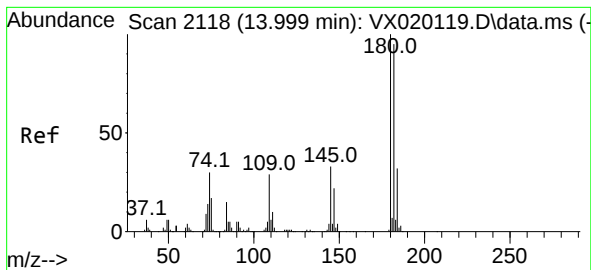
Tgt Ion: 75 Resp: 87205
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.85 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020377.D
Acq: 24 Dec 2020 10:51

Tgt Ion: 225 Resp: 318
Ion Ratio Lower Upper
225 100
223 80.5 31.1 93.2
227 75.8 31.6 95.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.999 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VX020377.D
 Acq: 24 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 864
 Ion Ratio Lower Upper
 180 100
 182 76.6 47.6 142.9
 145 22.8 16.1 48.3

