

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020371.D
 Acq On : 24 Dec 2020 04:44
 Operator : JC/MD
 Sample : L5095-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-6080-121420

Quant Time: Dec 24 05:37:59 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)

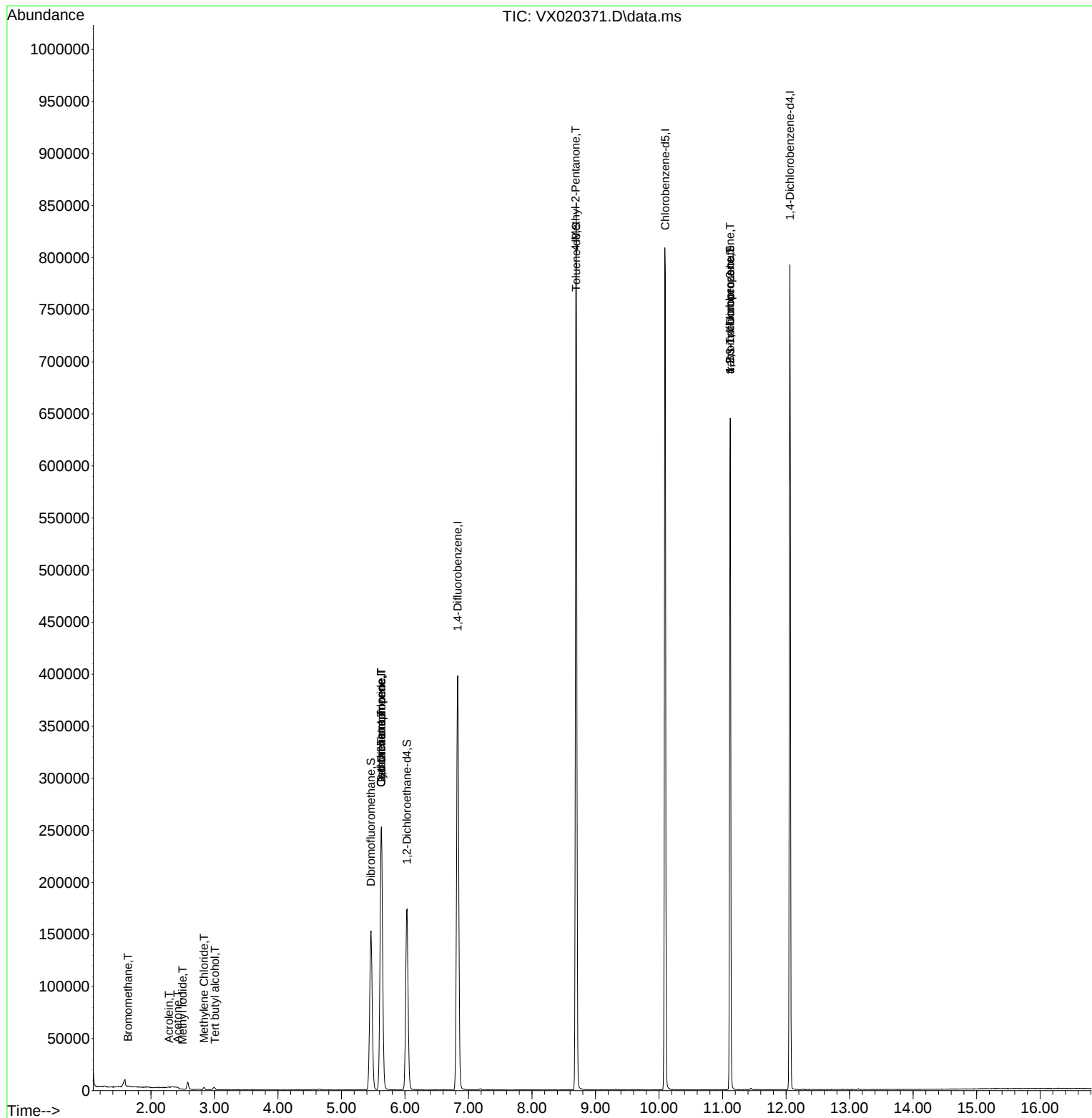
Internal Standards						
1) Pentafluorobenzene	5.629	168	240302	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	405565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	381384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	164482	51.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.12%			
35) Dibromofluoromethane	5.464	113	132713	51.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.30%			
50) Toluene-d8	8.696	98	498064	49.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.74%			
62) 4-Bromofluorobenzene	11.122	95	176948	46.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.60%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	476	0.45	ug/l	89
10) Methyl Iodide	2.495	142	73	3.31	ug/l #	42
11) Tert butyl alcohol	3.008	59	1581	2.19	ug/l #	73
13) Acrolein	2.282	56	178	0.39	ug/l	83
16) Acetone	2.416	43	1894	1.29	ug/l #	86
20) Methylene Chloride	2.837	84	935	0.28	ug/l	93
31) Cyclohexane	5.623	56	5062	1.14	ug/l #	3
36) 1,1-Dichloropropene	5.629	75	18532	4.62	ug/l #	49
38) Carbon Tetrachloride	5.623	117	23932	6.28	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	2059	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	84813	20.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	84813	62.03	ug/l #	12

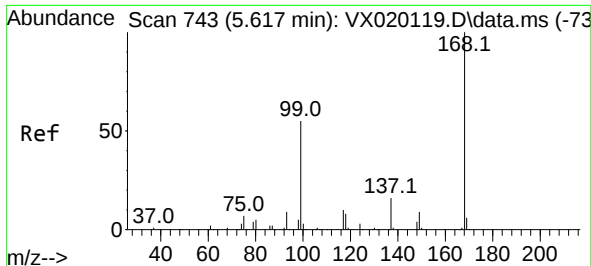
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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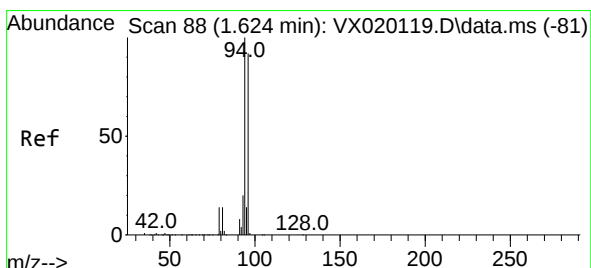
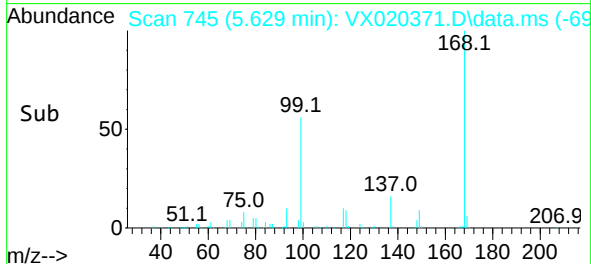
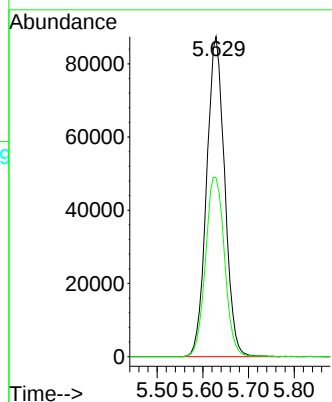
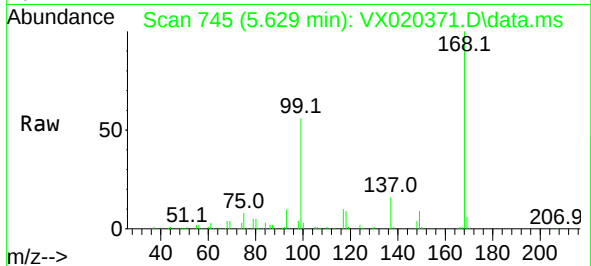




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

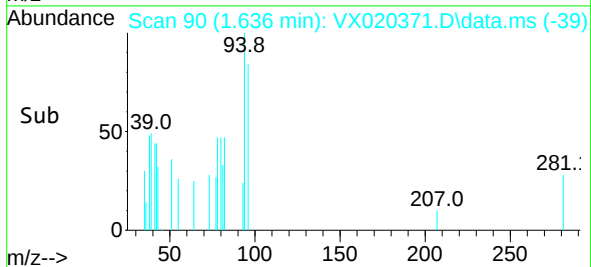
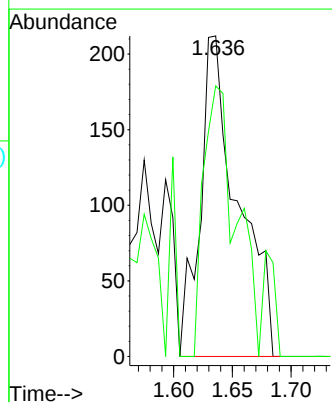
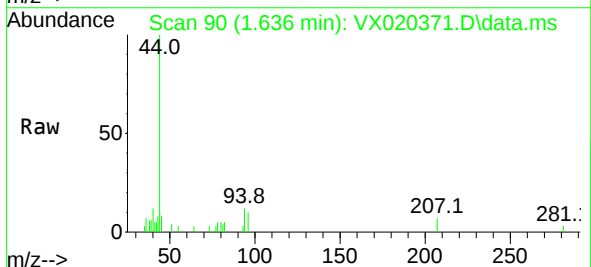
Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

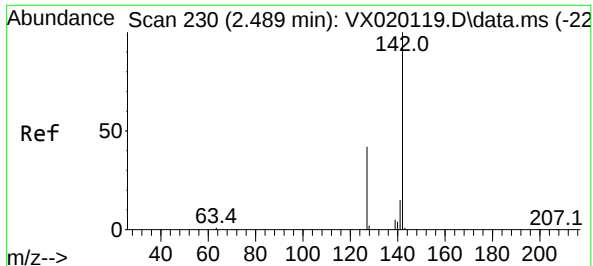
Tgt Ion:168 Resp: 240302
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

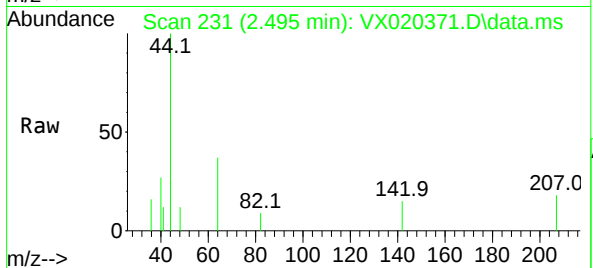
Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 84.4 76.4 114.6



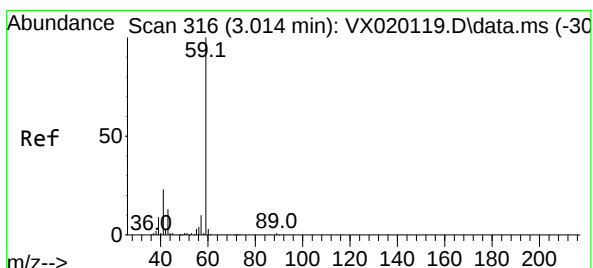
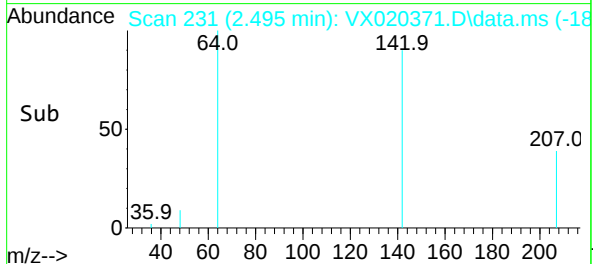
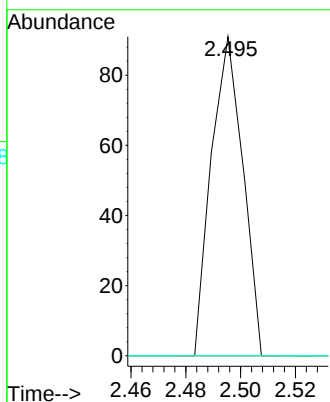


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

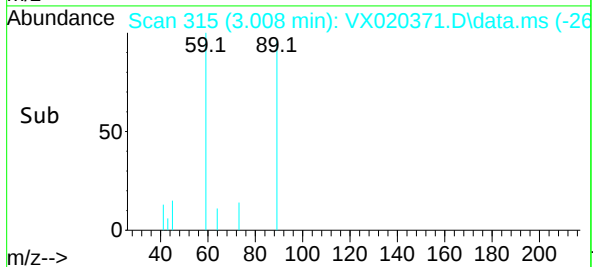
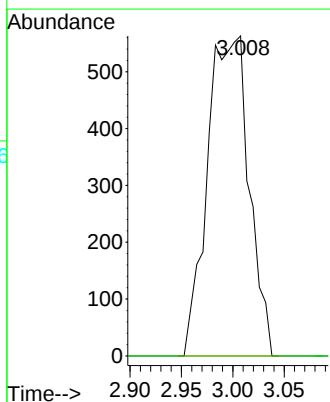
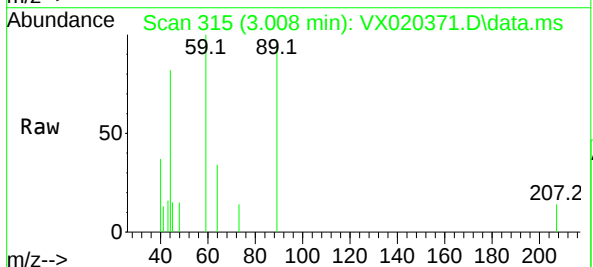


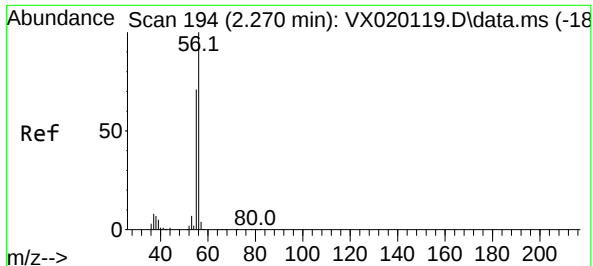
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.19 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Tgt Ion: 59 Resp: 1581
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

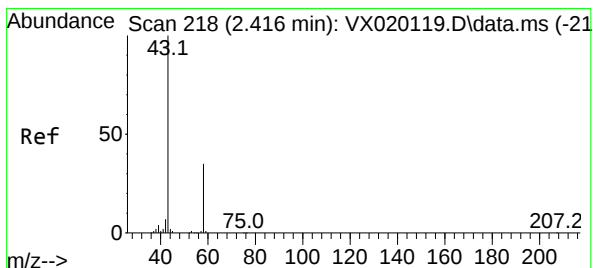
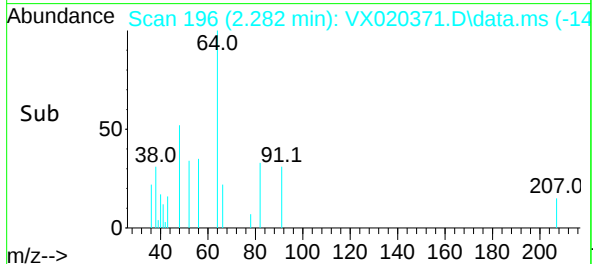
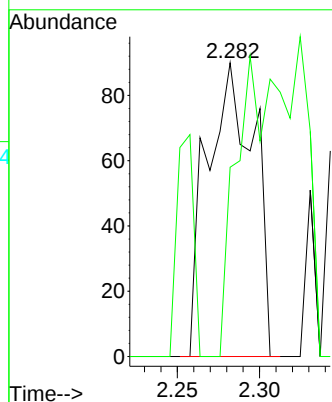
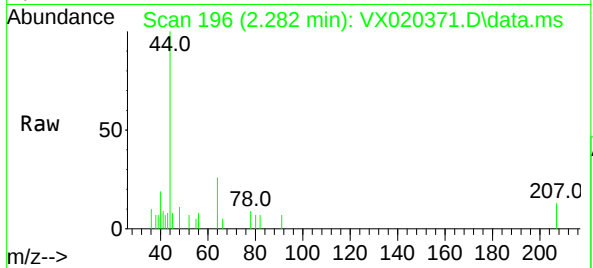




#13
Acrolein
Concen: 0.39 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

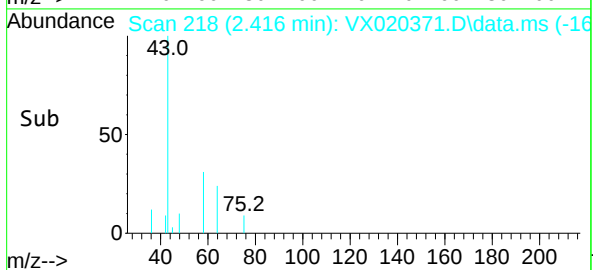
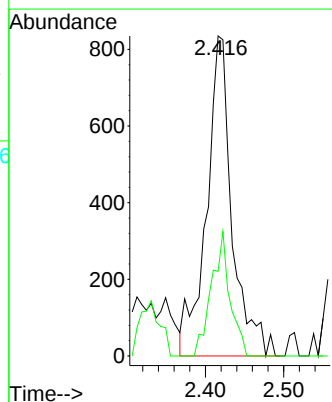
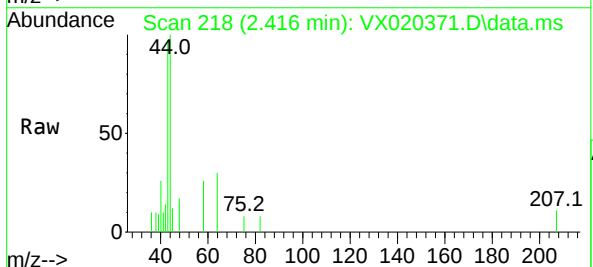
Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

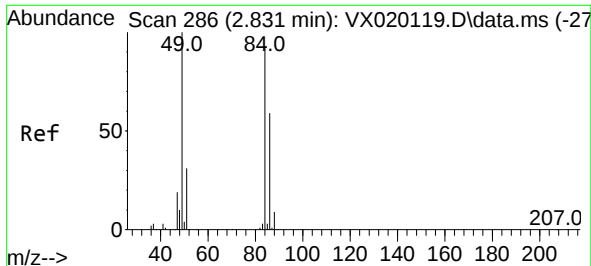
Tgt Ion: 56 Resp: 178
Ion Ratio Lower Upper
56 100
55 56.7 56.4 84.6



#16
Acetone
Concen: 1.29 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

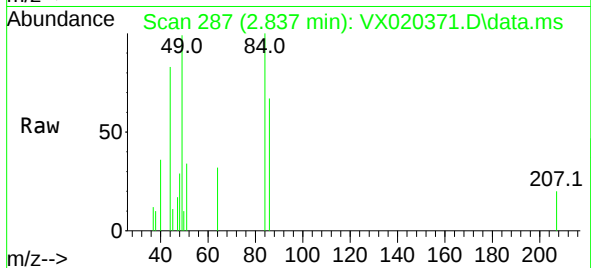
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



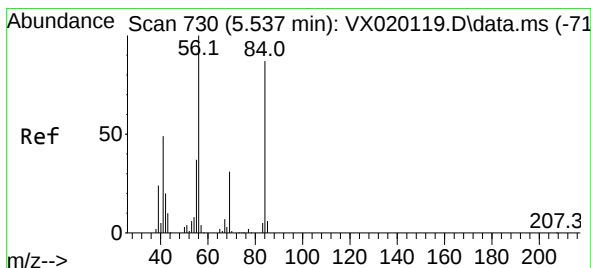
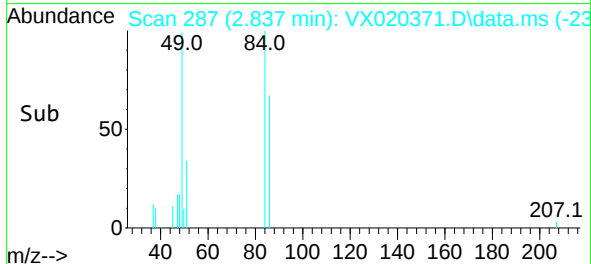
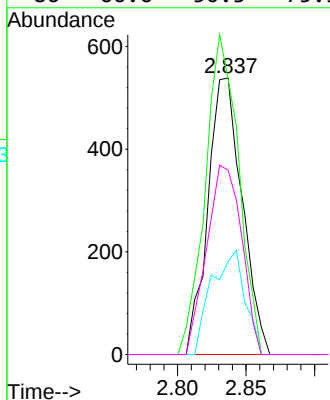


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

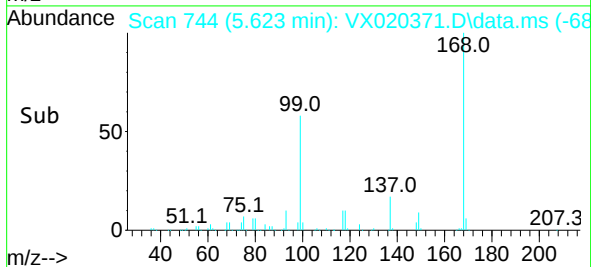
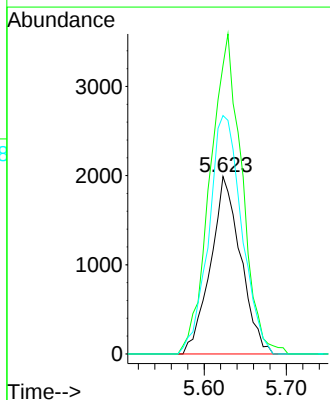
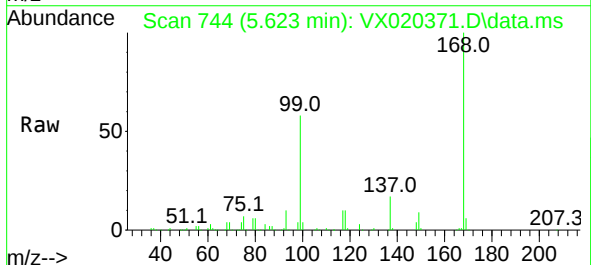


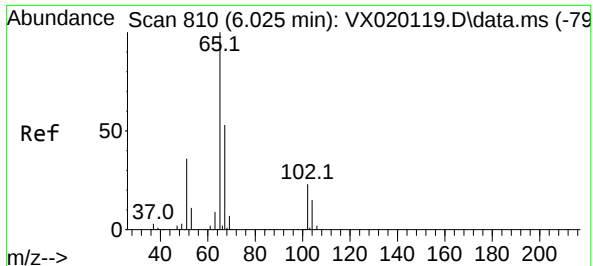
Tgt Ion: 84	Resp: 935
Ion Ratio	Lower Upper
84 100	
49 99.4	88.6 132.8
51 33.6	27.0 40.6
86 66.6	50.3 75.5



#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Tgt Ion: 56	Resp: 5062		
Ion Ratio	Lower	Upper	
56	100		
69	162.6	25.3	37.9#
84	134.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.06 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020371.D

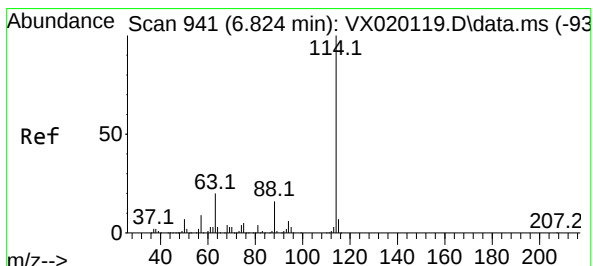
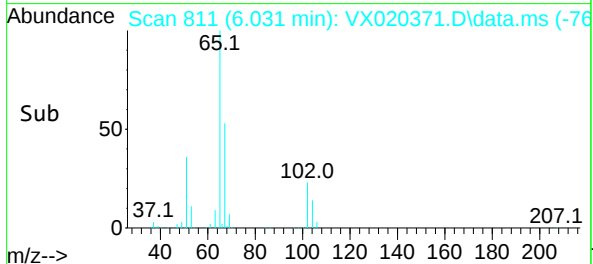
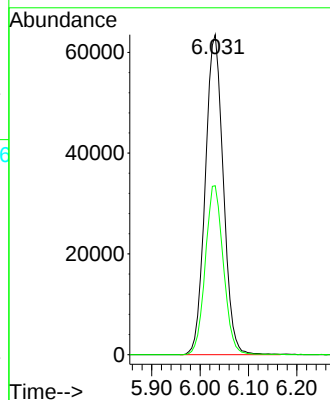
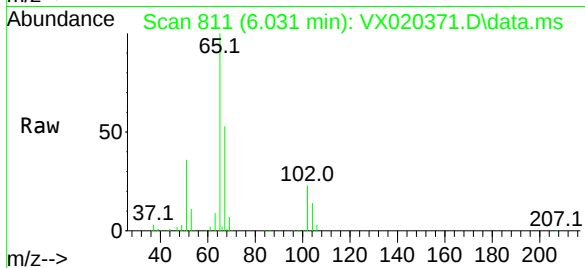
Acq: 24 Dec 2020 04:44

Tgt Ion: 65 Resp: 164482

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020371.D

Acq: 24 Dec 2020 04:44

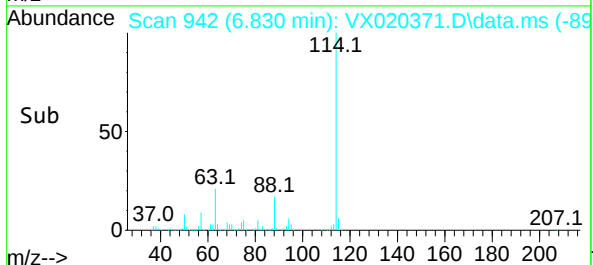
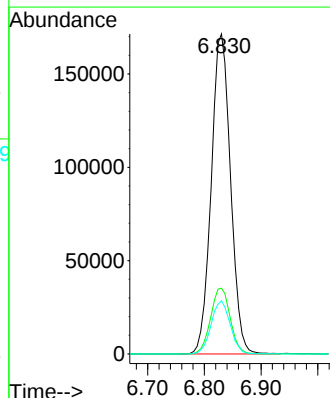
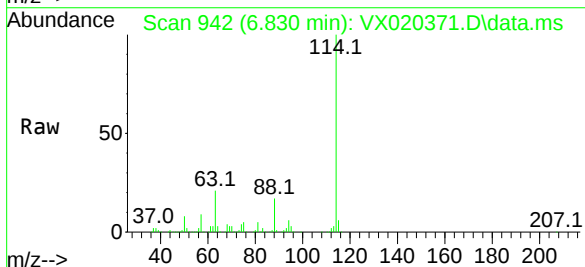
Tgt Ion: 114 Resp: 405565

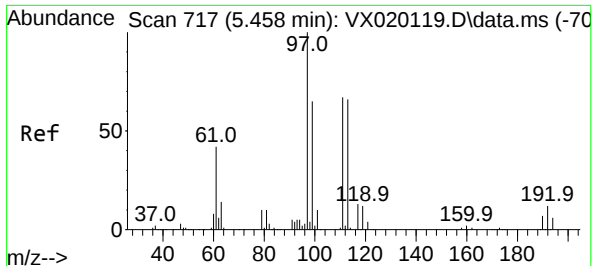
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.6 0.0 32.8

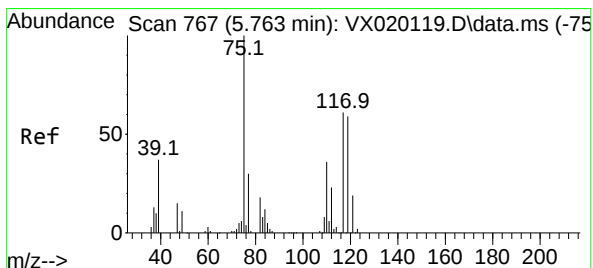
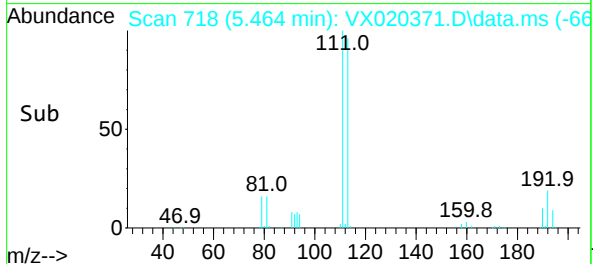
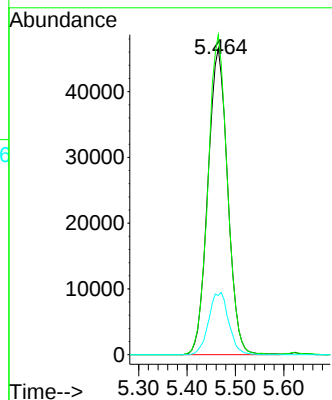
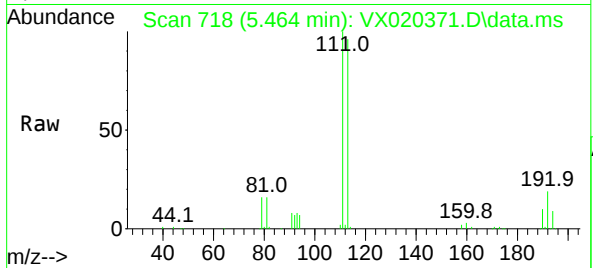




#35
Dibromofluoromethane
Concen: 51.15 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

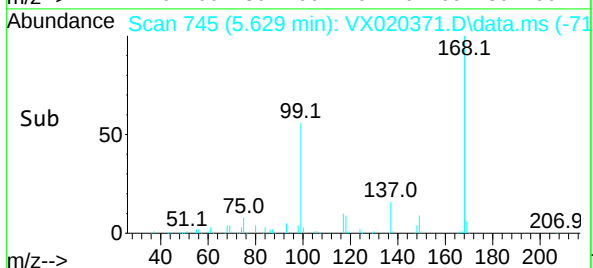
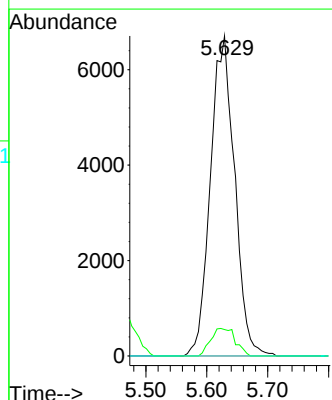
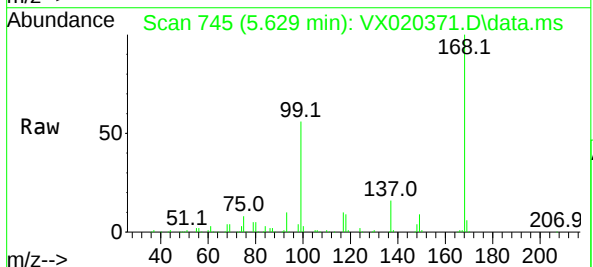
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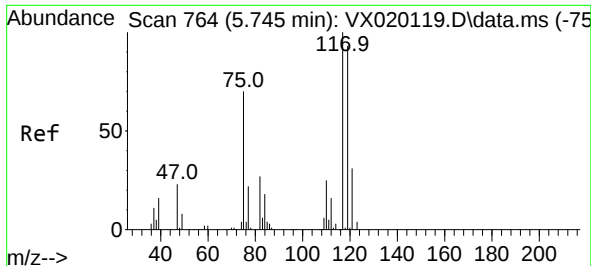
Tgt Ion:113 Resp: 132713
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

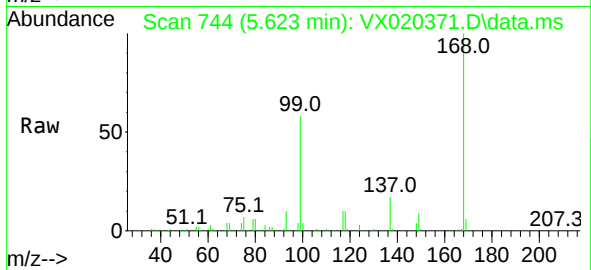
Tgt Ion: 75 Resp: 18532
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



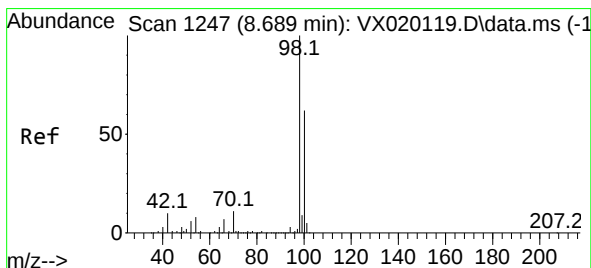
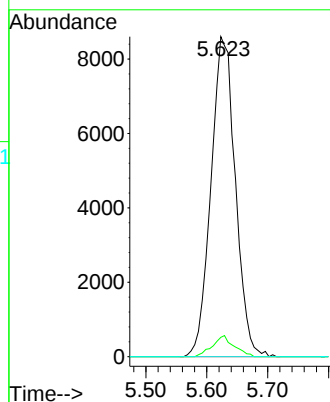
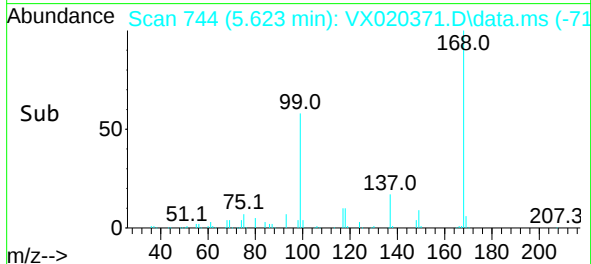


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

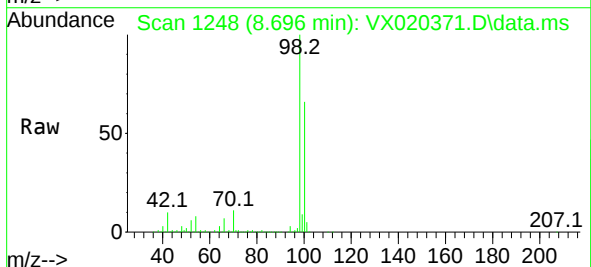
Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420



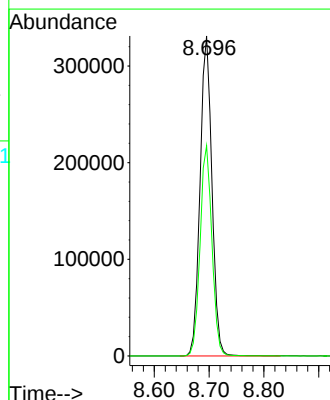
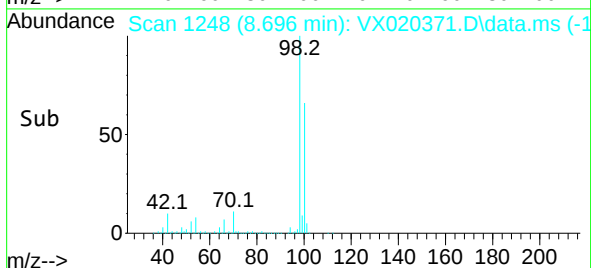
Tgt Ion:117 Resp: 23932
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

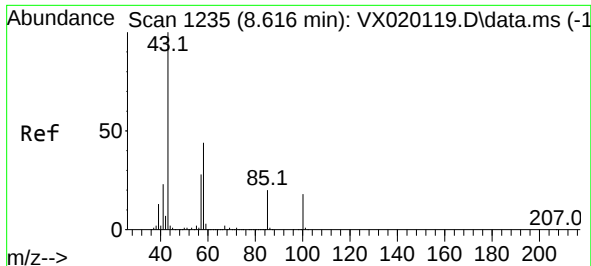


#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44



Tgt Ion: 98 Resp: 498064
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

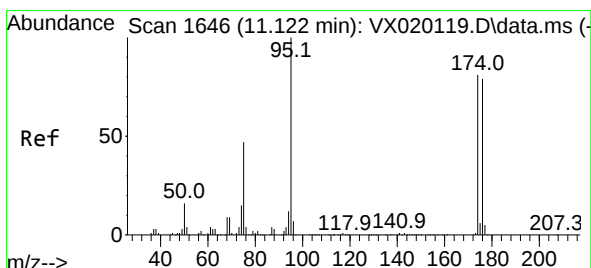
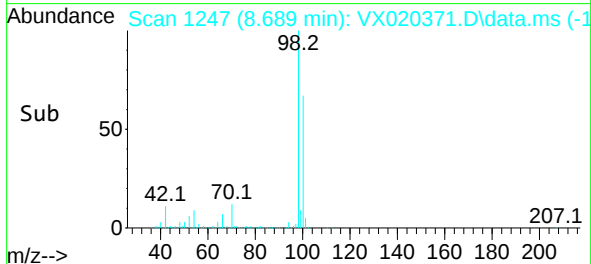
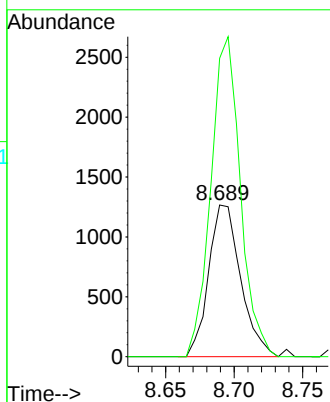
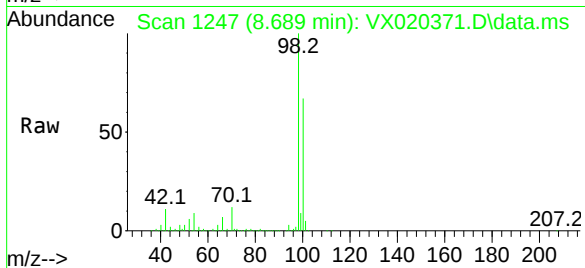




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

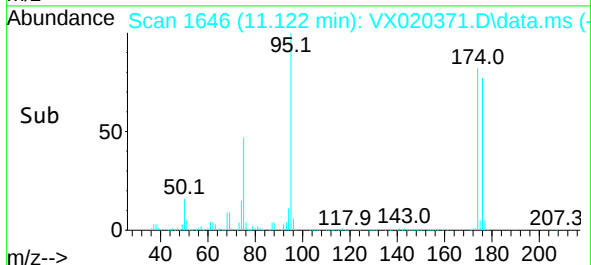
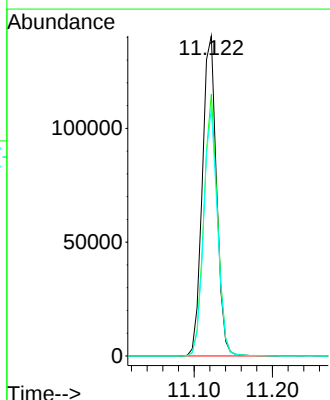
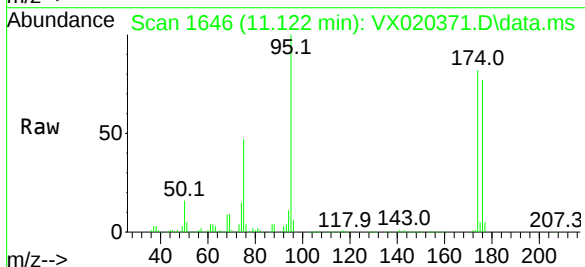
Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

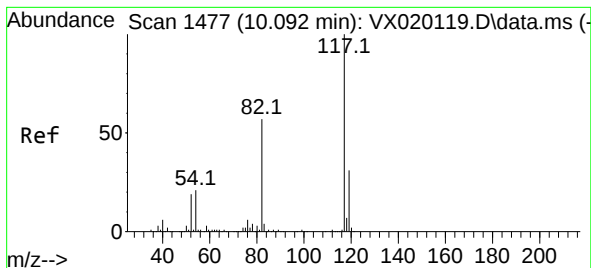
Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
58 194.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.30 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Tgt Ion: 95 Resp: 176948
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 75.0 0.0 155.8

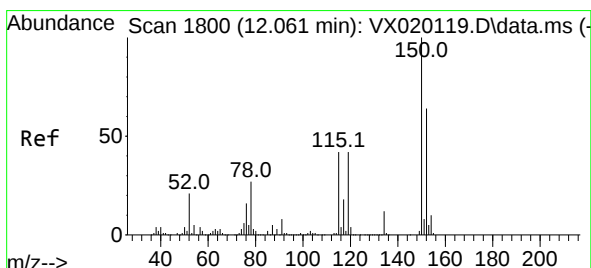
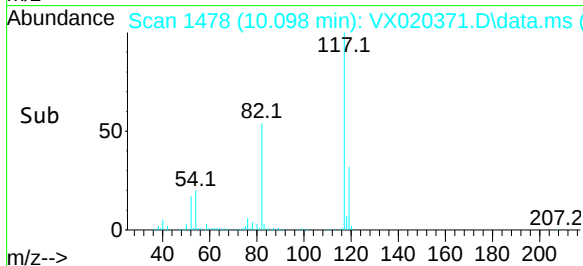
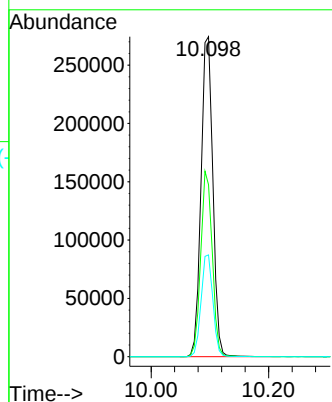
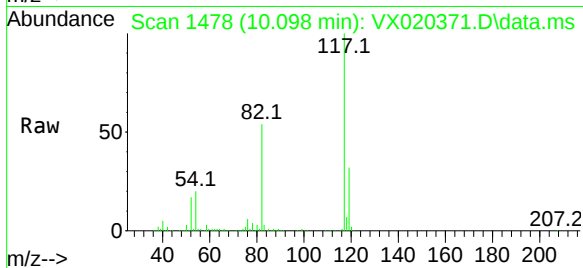




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

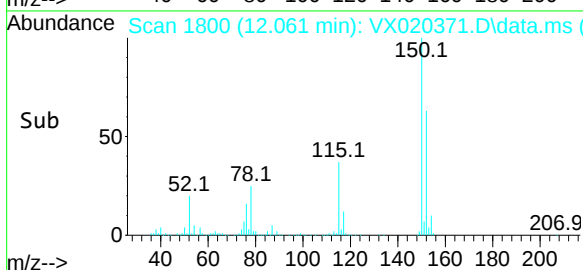
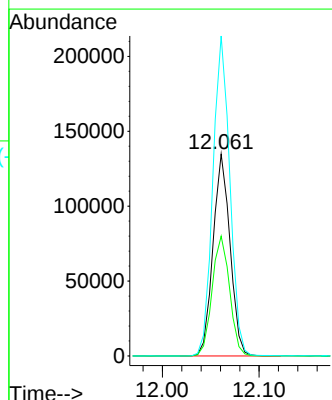
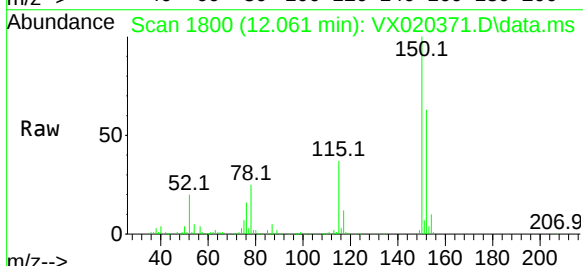
Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

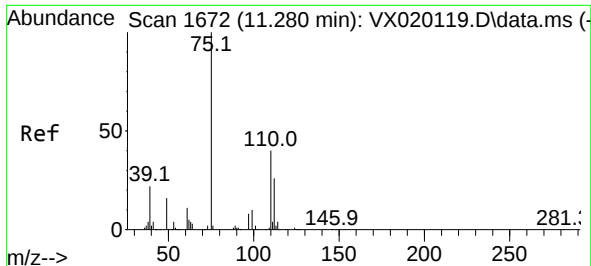
Tgt Ion:117 Resp: 381384
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Tgt Ion:152 Resp: 164665
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 158.3 0.0 349.0

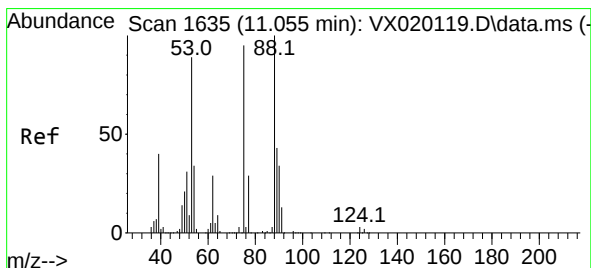
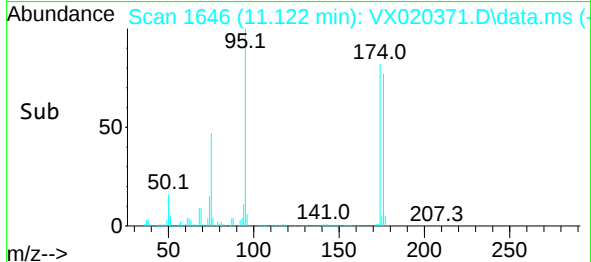
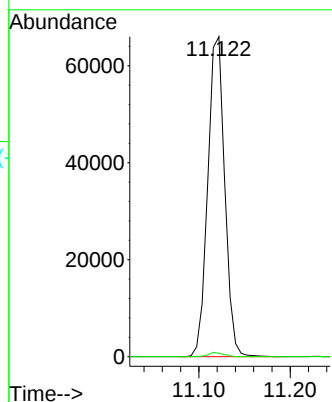
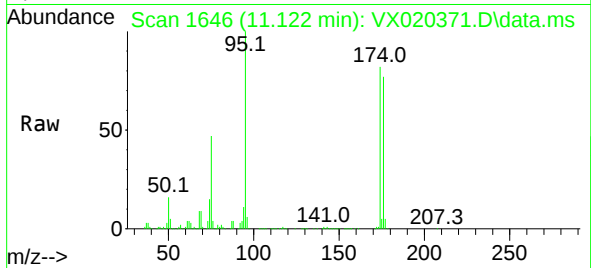




#76
1,2,3-Trichloropropane
Concen: 20.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Instrument :
MSVOA_X
ClientSampleId :
39-6080-121420

Tgt Ion: 75 Resp: 84813
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020371.D
Acq: 24 Dec 2020 04:44

Tgt Ion: 75 Resp: 84813
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

