

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020558.D
 Acq On : 11 Jan 2021 18:41
 Operator : JC/MD
 Sample : M1063-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:54:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

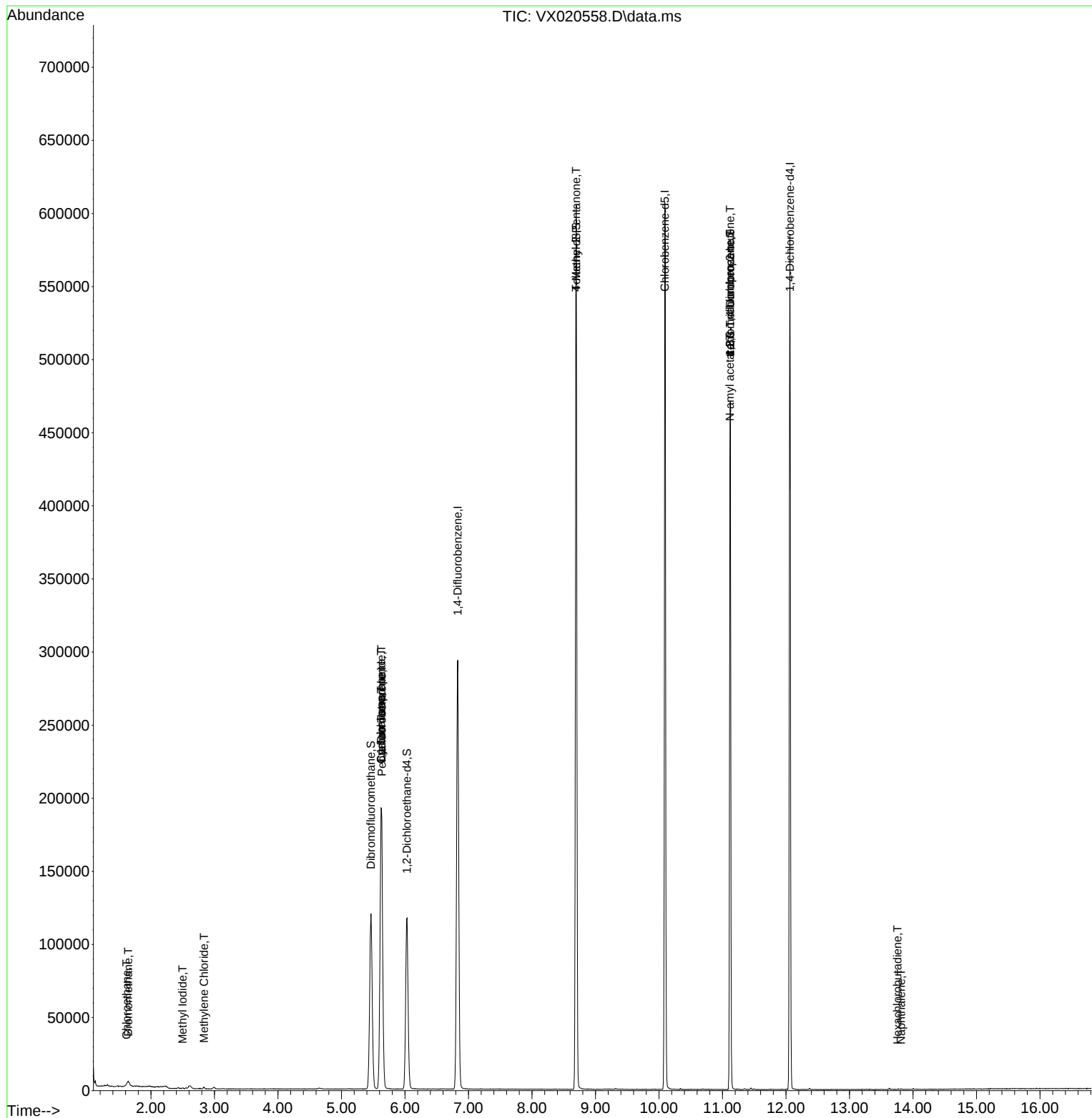
Internal Standards						
1) Pentafluorobenzene	5.635	168	192821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	307629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	295486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	124579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	114874	49.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.20%
35) Dibromofluoromethane	5.465	113	103567	48.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.18%
50) Toluene-d8	8.696	98	365806	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	11.122	95	125161	46.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.94%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	550	0.40	ug/l	89
6) Chloroethane	1.618	64	22	0.44	ug/l #	43
10) Methyl Iodide	2.496	142	694	0.27	ug/l #	89
11) Tert butyl alcohol	2.995	59	780	Below Cal	#	73
16) Acetone	2.422	43	681	Below Cal	#	84
20) Methylene Chloride	2.837	84	491	0.22	ug/l #	90
31) Cyclohexane	5.623	56	3399	1.25	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13488	4.80	ug/l #	49
38) Carbon Tetrachloride	5.629	117	18581	5.67	ug/l #	18
51) 4-Methyl-2-Pentanone	8.696	43	1196	0.49	ug/l #	1
74) N-amyl acetate	11.116	43	19	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	60694	23.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	60694	63.01	ug/l #	12
94) Hexachlorobutadiene	13.756	225	160	0.98	ug/l	75
95) Naphthalene	13.811	128	408	3.89	ug/l #	76

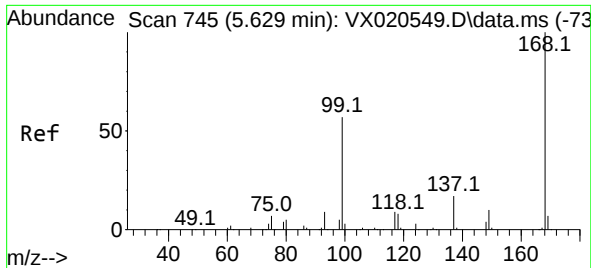
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

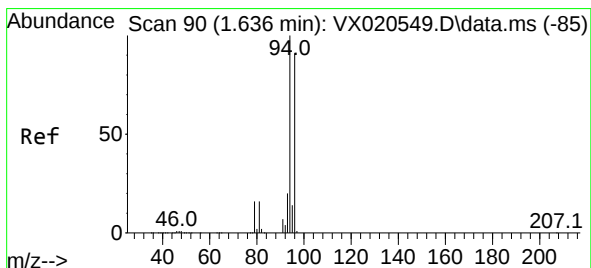
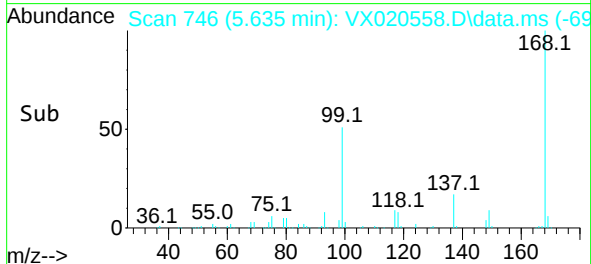
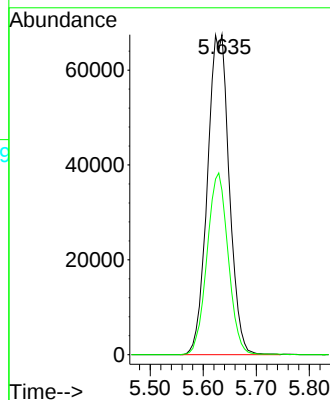
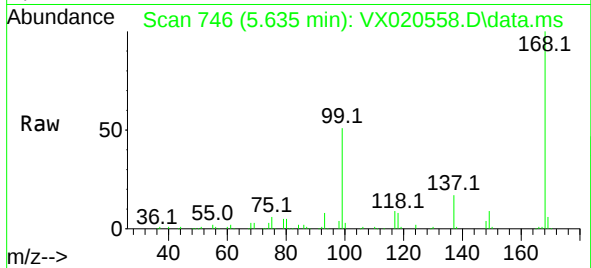




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

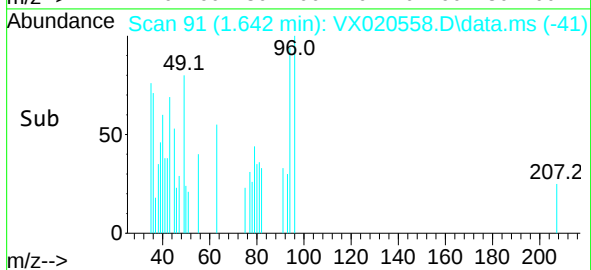
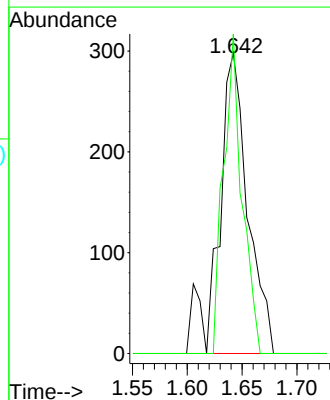
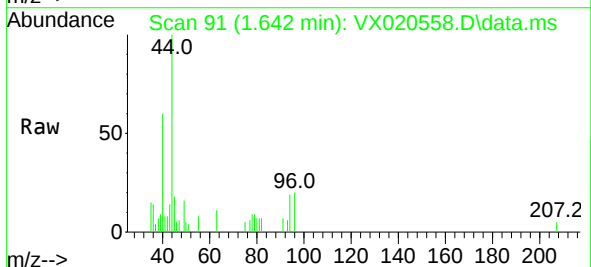
Instrument :
MSVOA_X
ClientSampleId :

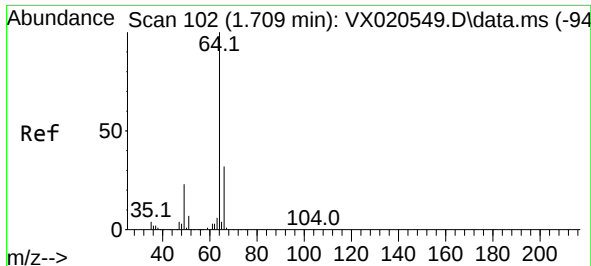
Tgt Ion:168 Resp: 192821
Ion Ratio Lower Upper
168 100
99 51.3 45.8 68.6



#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 106.4 76.4 114.6

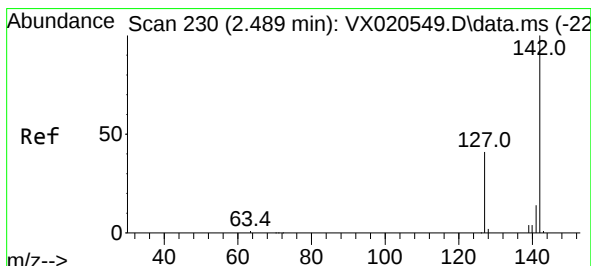
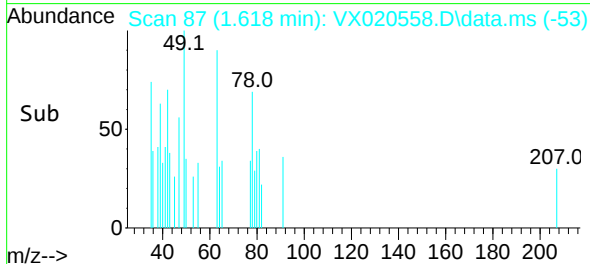
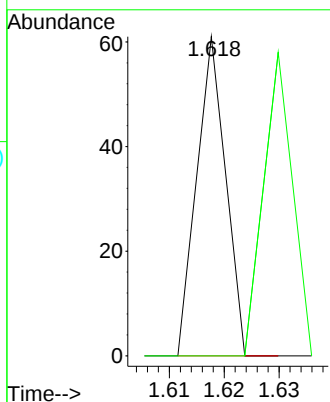
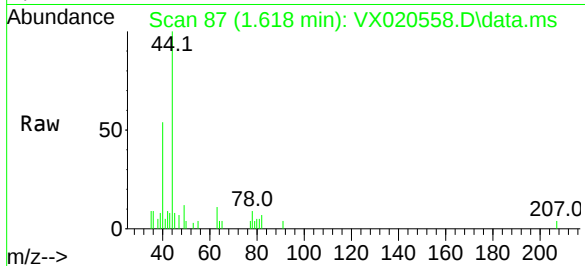




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.091 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

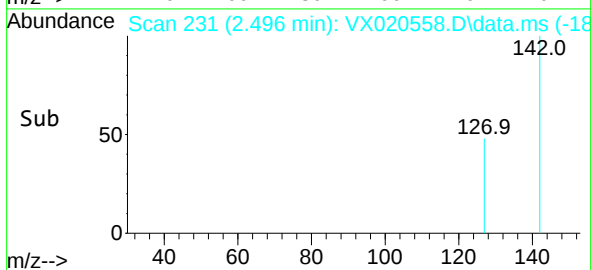
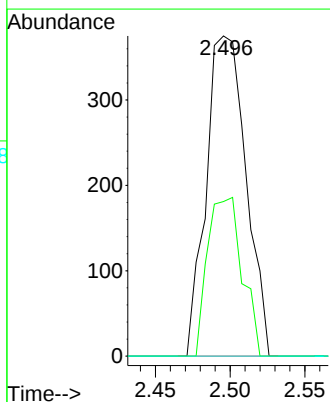
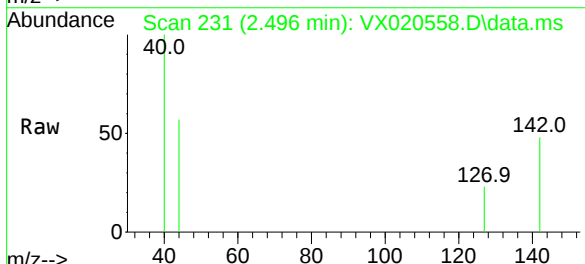
Instrument :
MSVOA_X
ClientSampled :

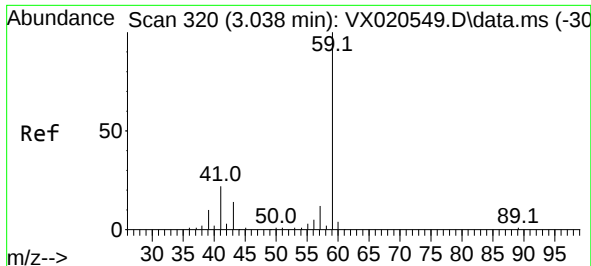
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Tgt Ion: 142 Resp: 694
Ion Ratio Lower Upper
142 100
127 43.1 33.3 49.9
141 0.0 11.4 17.0#



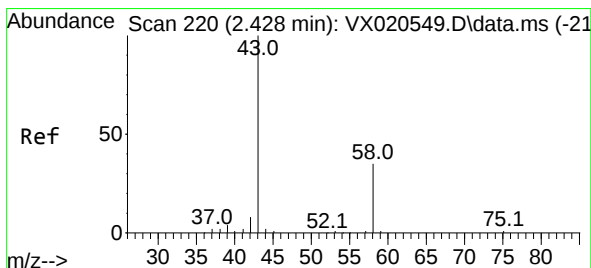
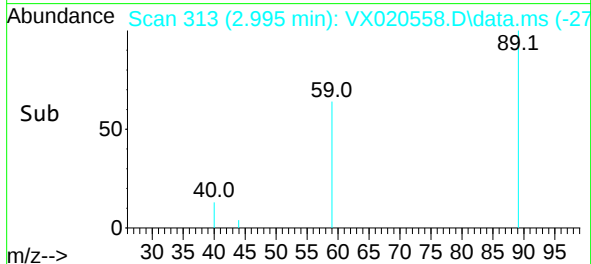
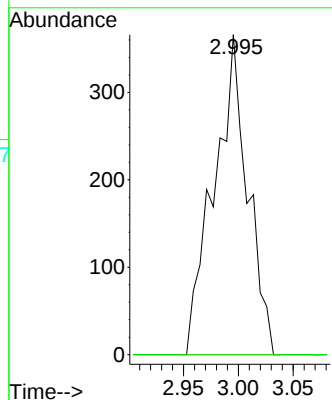
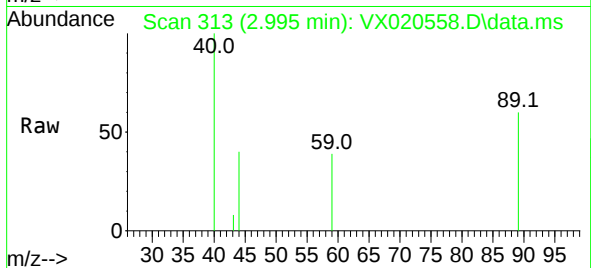


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Instrument :
MSVOA_X
ClientSampleId :

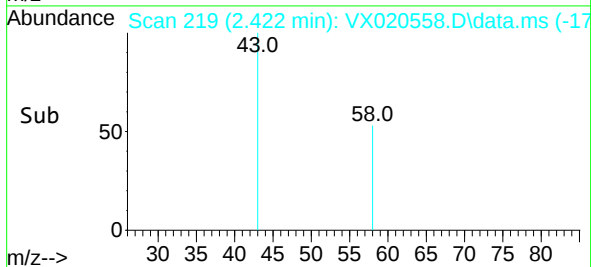
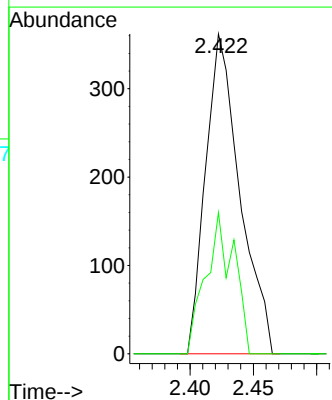
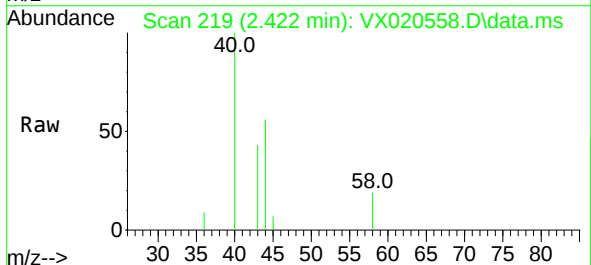
Tgt Ion: 59 Resp: 780
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

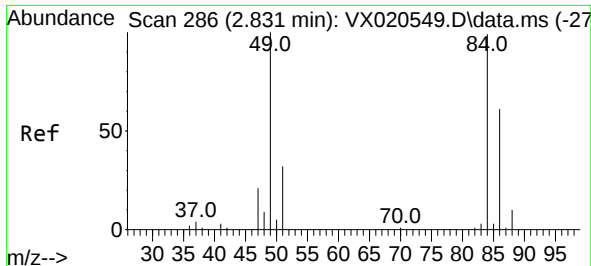


#16

Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

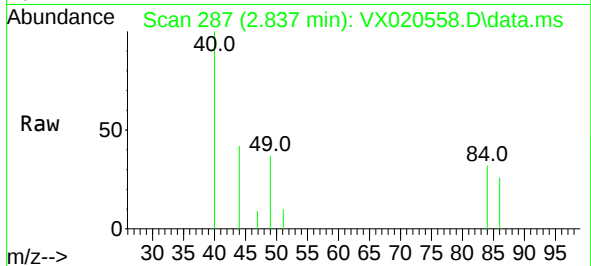
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 44.2 27.8 41.8#



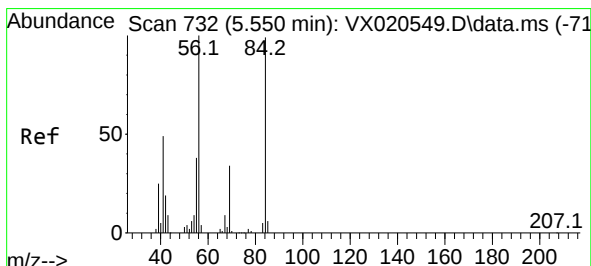
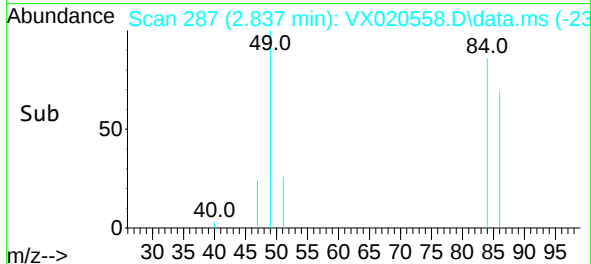
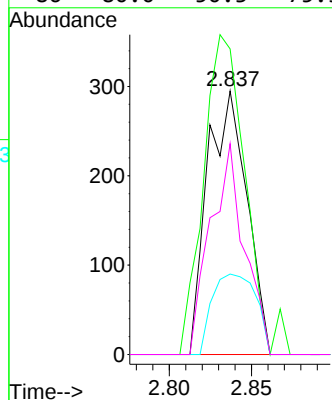


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

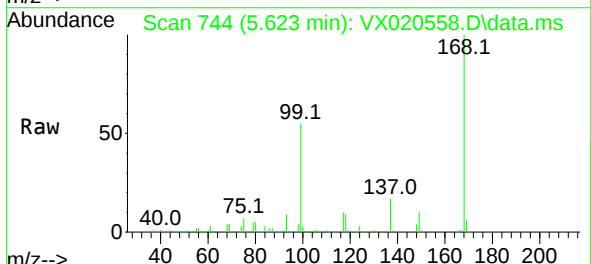
Instrument :
MSVOA_X
ClientSampled :



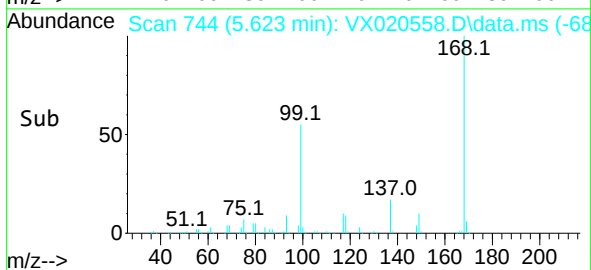
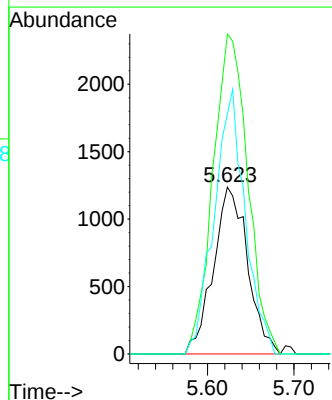
Tgt Ion:	84	Resp:	491
Ion	Ratio	Lower	Upper
84	100		
49	115.9	88.6	132.8
51	30.5	27.0	40.6
86	80.0	50.3	75.5#

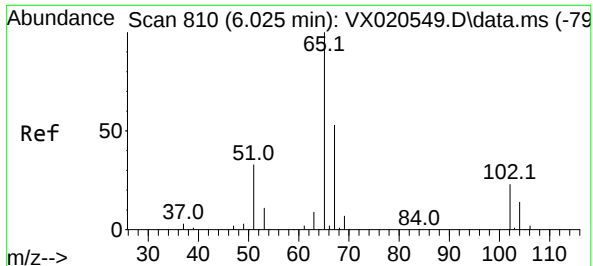


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41



Tgt Ion:	56	Resp:	3399
Ion	Ratio	Lower	Upper
56	100		
69	191.7	25.3	37.9#
84	143.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.60 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020558.D

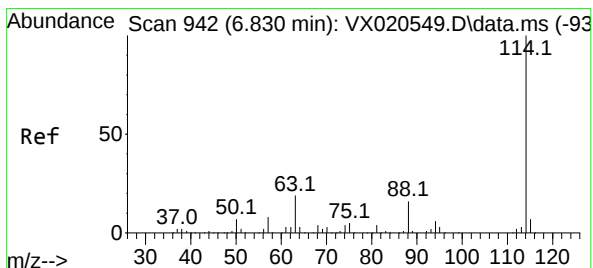
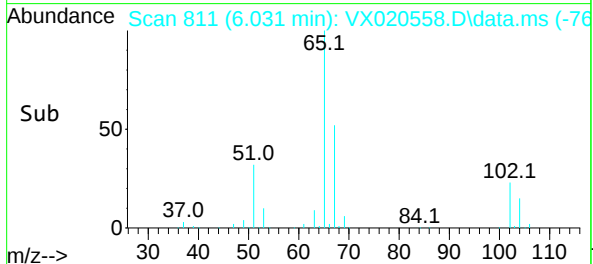
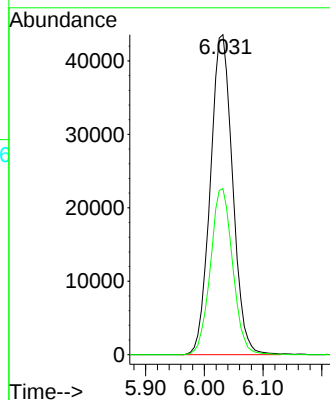
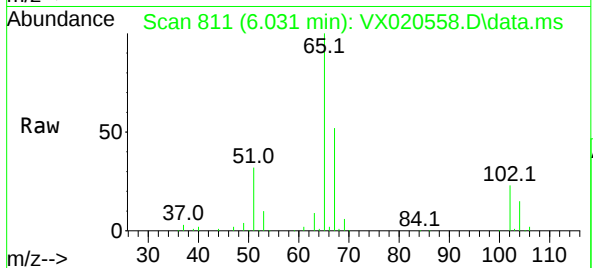
Acq: 11 Jan 2021 18:41

Tgt Ion: 65 Resp: 114874

Ion Ratio Lower Upper

65 100

67 51.8 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: VX020558.D

Acq: 11 Jan 2021 18:41

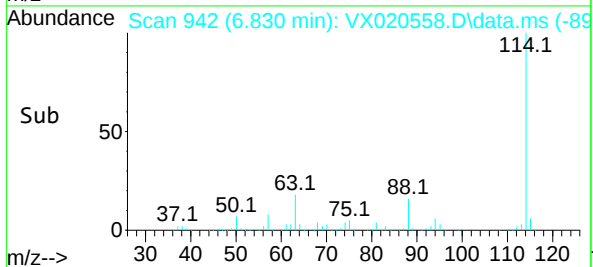
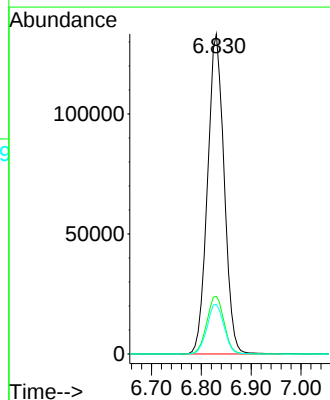
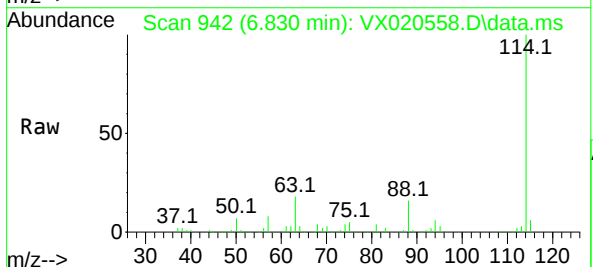
Tgt Ion: 114 Resp: 307629

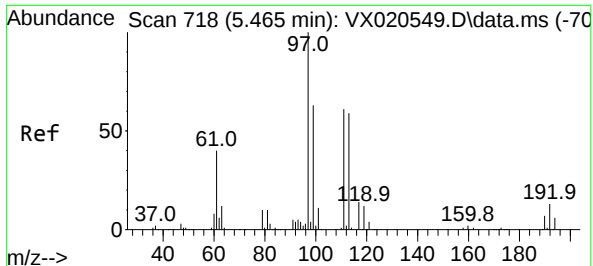
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.8

88 15.5 0.0 32.8

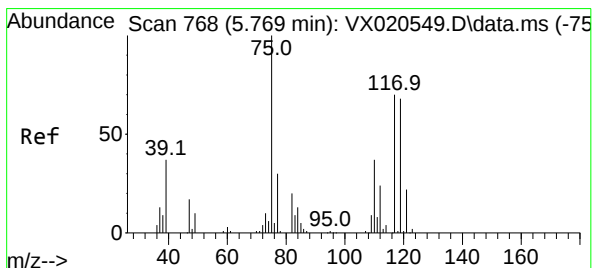
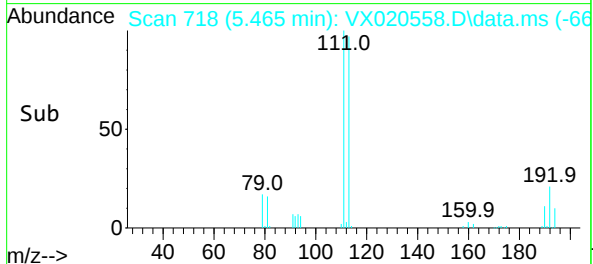
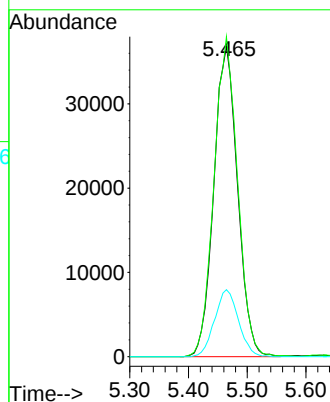
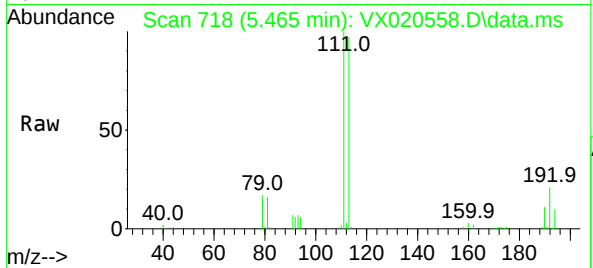




#35
Dibromofluoromethane
Concen: 48.59 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

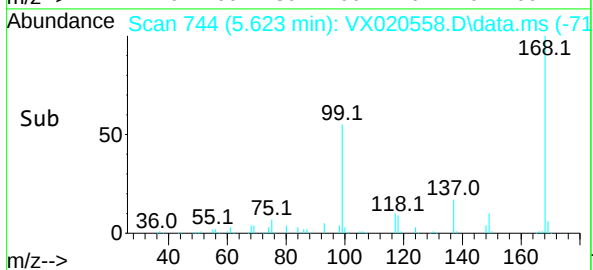
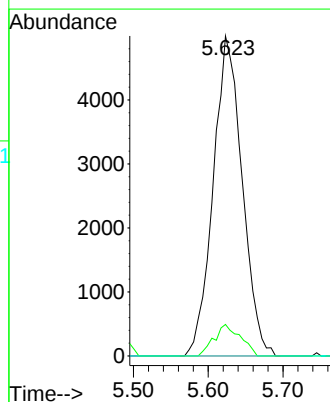
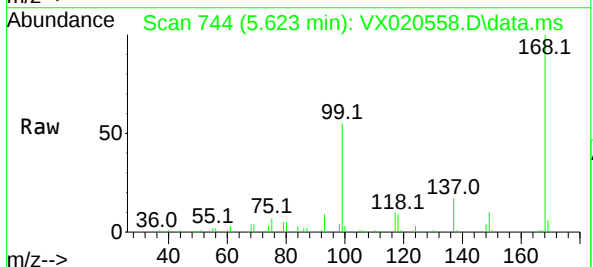
Instrument :
MSVOA_X
ClientSampleId :

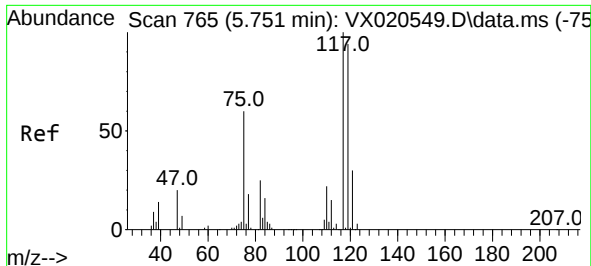
Tgt Ion:113 Resp: 103567
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

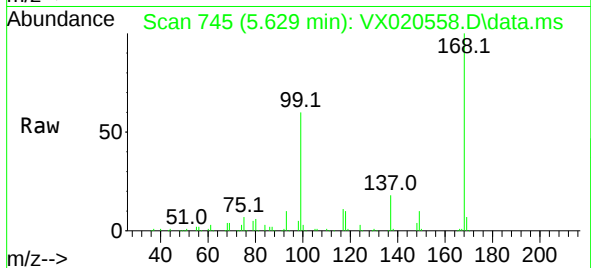
Tgt Ion: 75 Resp: 13488
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



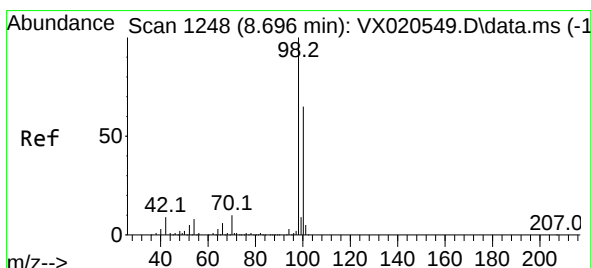
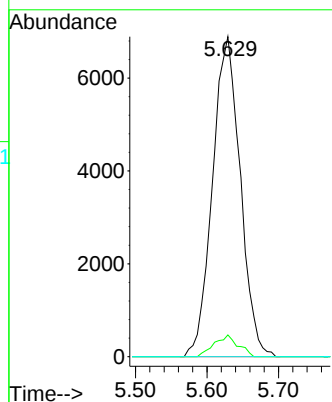
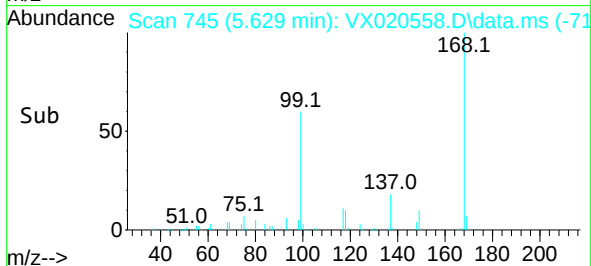


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

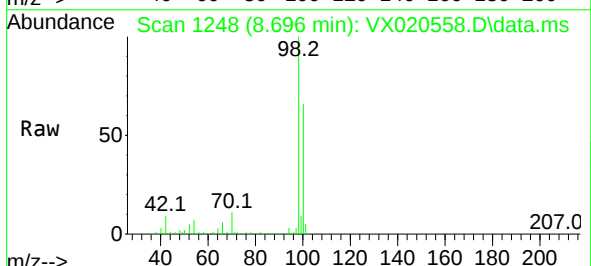
Instrument :
MSVOA_X
ClientSampleId :



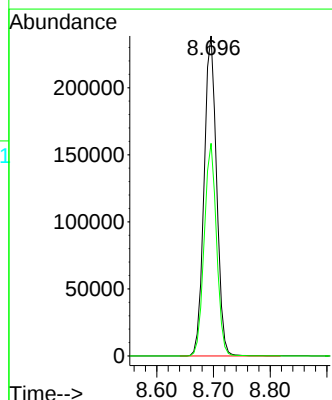
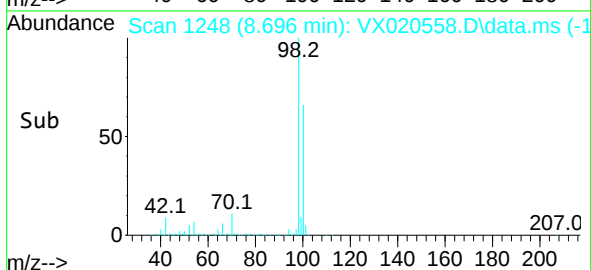
Tgt Ion:117 Resp: 18581
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

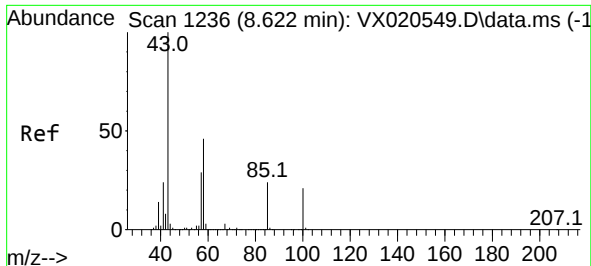


#50
Toluene-d8
Concen: 47.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41



Tgt Ion: 98 Resp: 365806
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

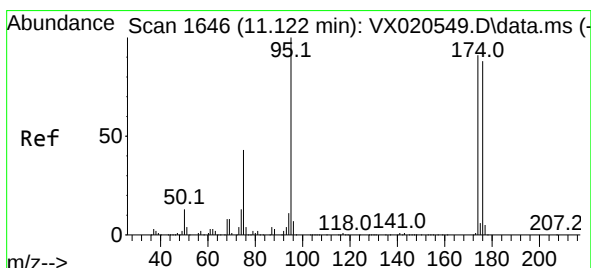
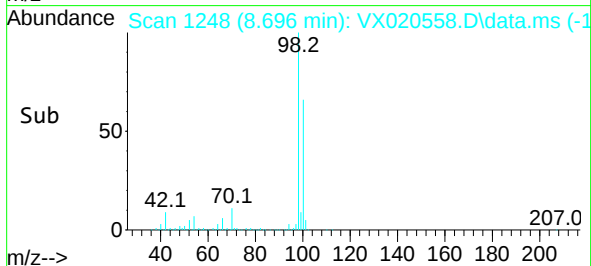
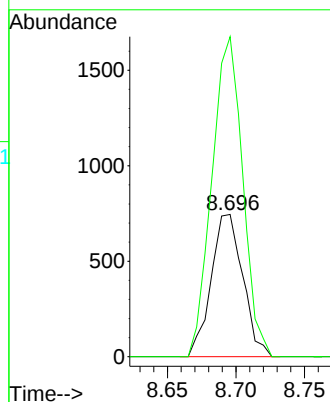
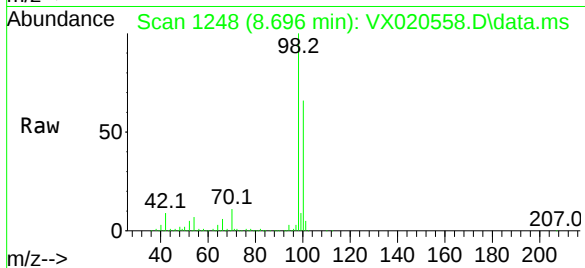




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

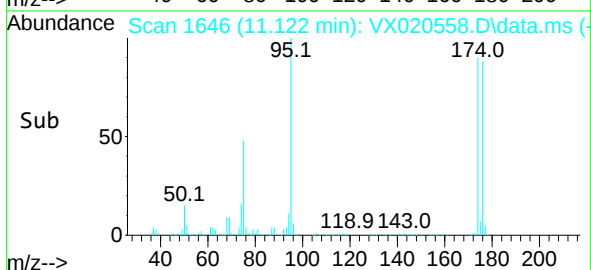
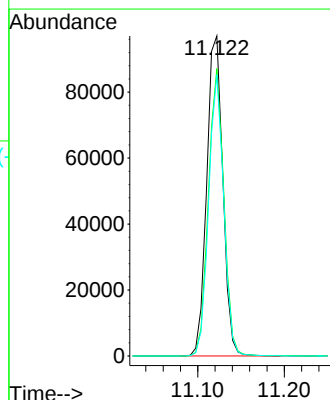
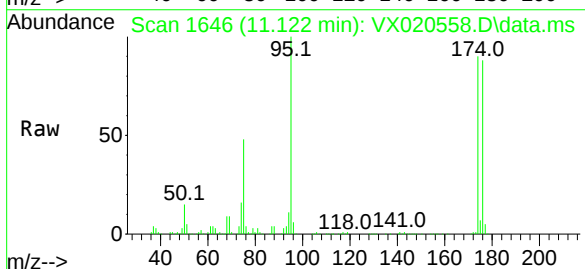
Instrument :
MSVOA_X
ClientSampled :

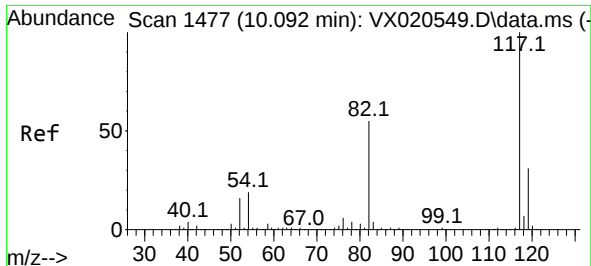
Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 218.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Tgt Ion: 95 Resp: 125161
Ion Ratio Lower Upper
95 100
174 86.6 0.0 154.6
176 82.4 0.0 155.8

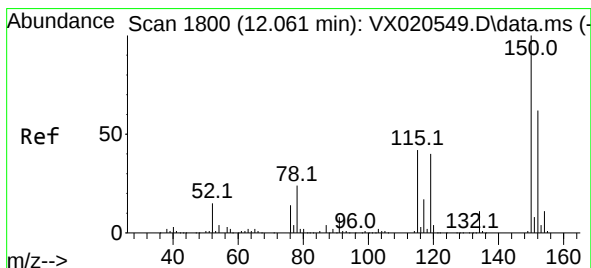
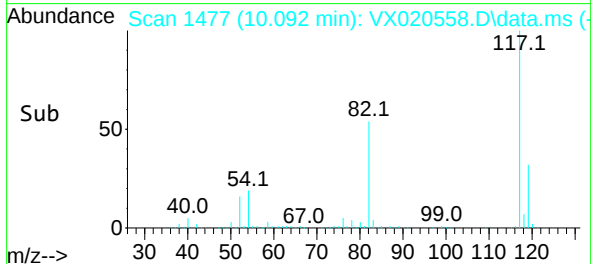
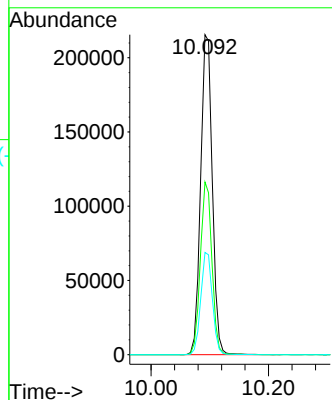
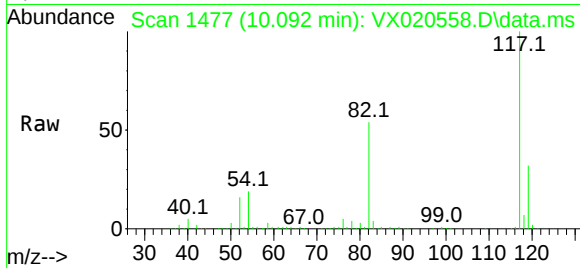




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

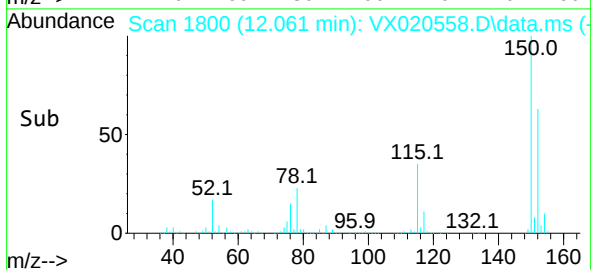
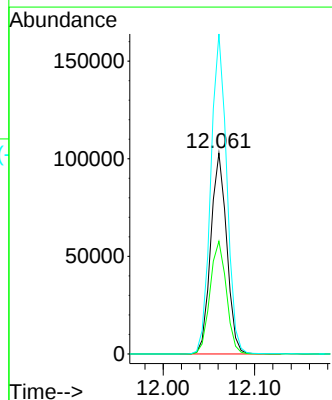
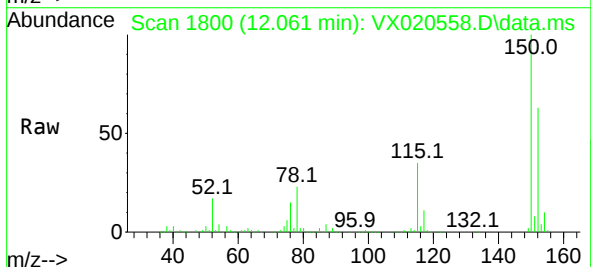
Instrument :
MSVOA_X
ClientSampleId :

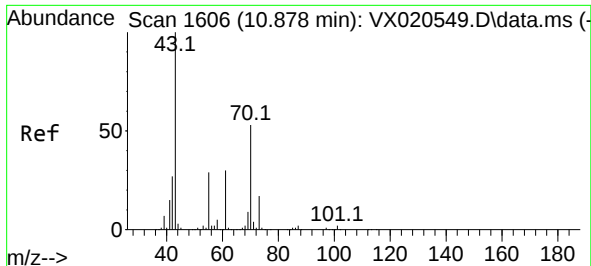
Tgt Ion:117 Resp: 295486
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Tgt Ion:152 Resp: 124579
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 159.2 0.0 349.0

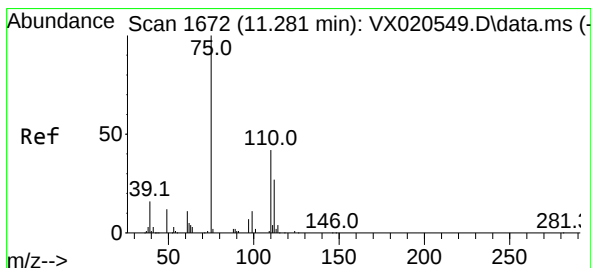
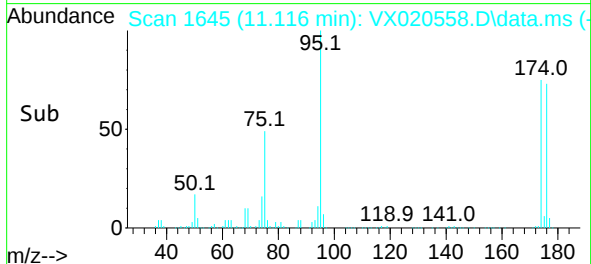
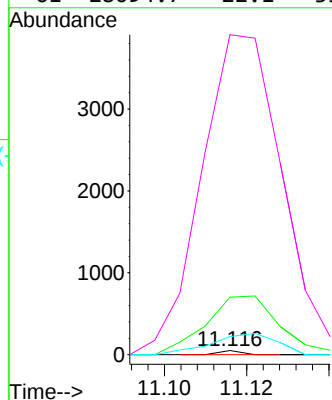
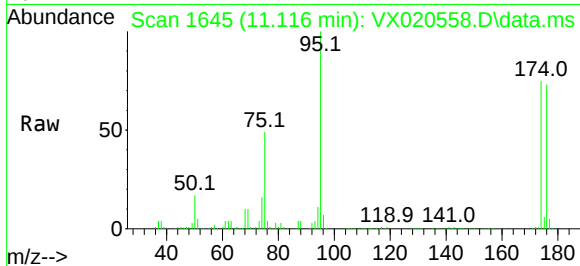




#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.238 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

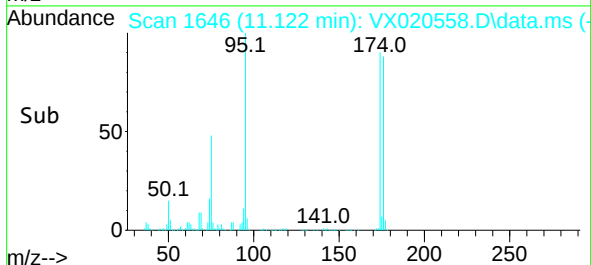
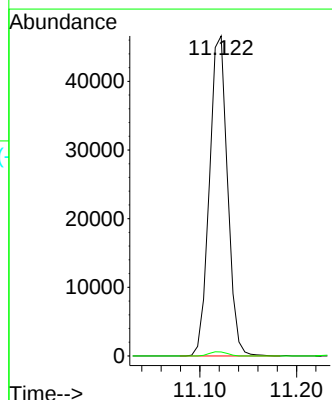
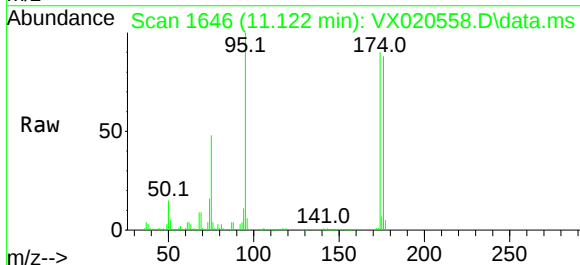
Instrument :
MSVOA_X
ClientSampled :

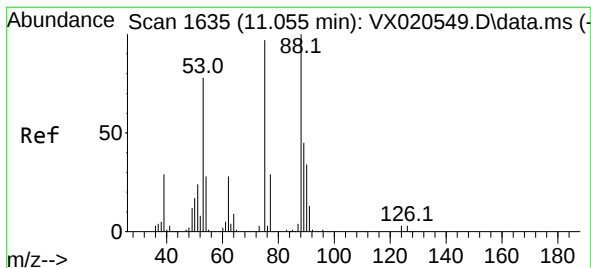
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
70 4705.3 39.0 58.6#
55 1521.1 21.5 32.3#
61 28094.7 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Tgt Ion: 75 Resp: 60694
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

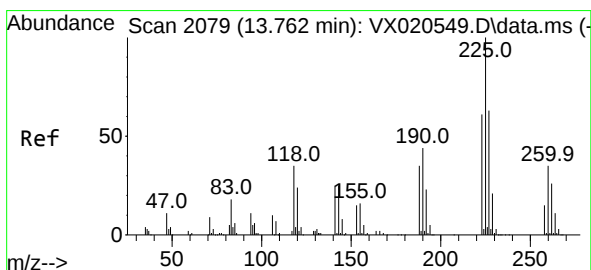
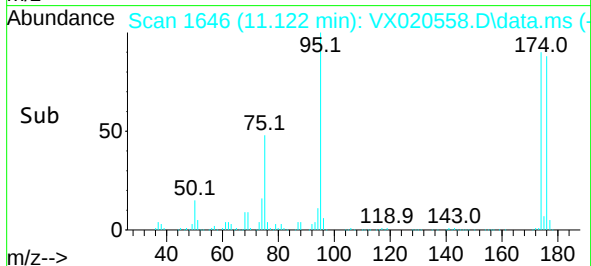
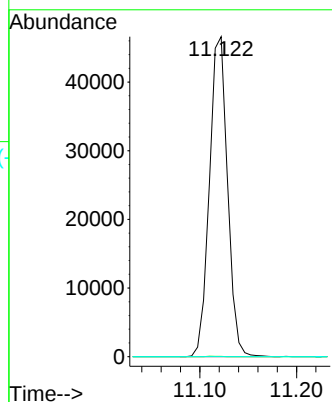
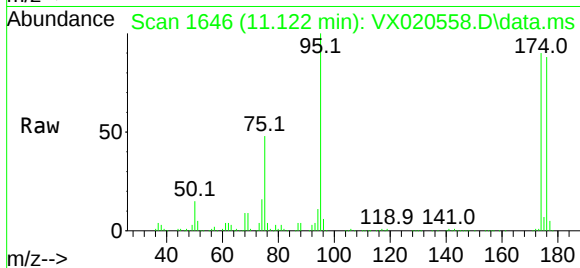




#81
trans-1,4-Dichloro-2-butene
Concen: 63.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

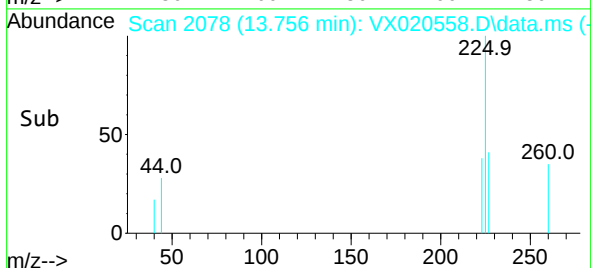
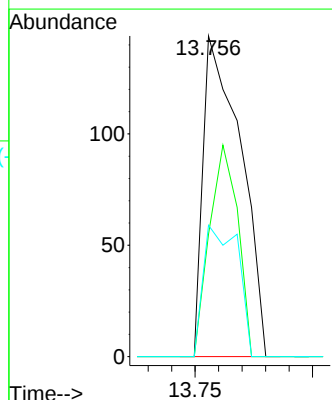
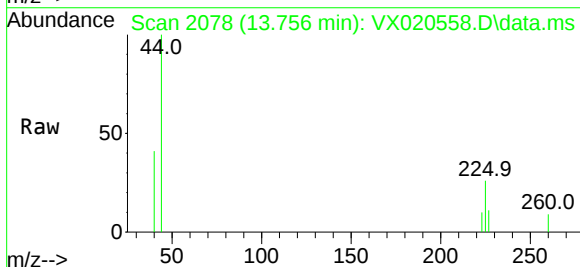
Instrument :
MSVOA_X
ClientSampleId :

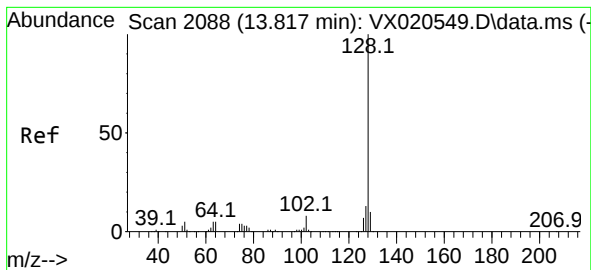
Tgt Ion: 75 Resp: 60694
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.98 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

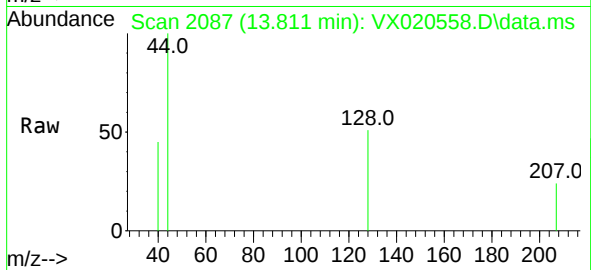
Tgt Ion: 225 Resp: 160
Ion Ratio Lower Upper
225 100
223 49.4 31.1 93.2
227 37.5 31.6 95.0





#95
Naphthalene
Concen: 3.89 ug/l
RT: 13.811 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VX020558.D
Acq: 11 Jan 2021 18:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 408
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.4 8.8 13.2#

