

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020707.D
 Acq On : 22 Jan 2021 11:39
 Operator : JC/SP
 Sample : VU0122WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBL01

Quant Time: Jan 23 01:40:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

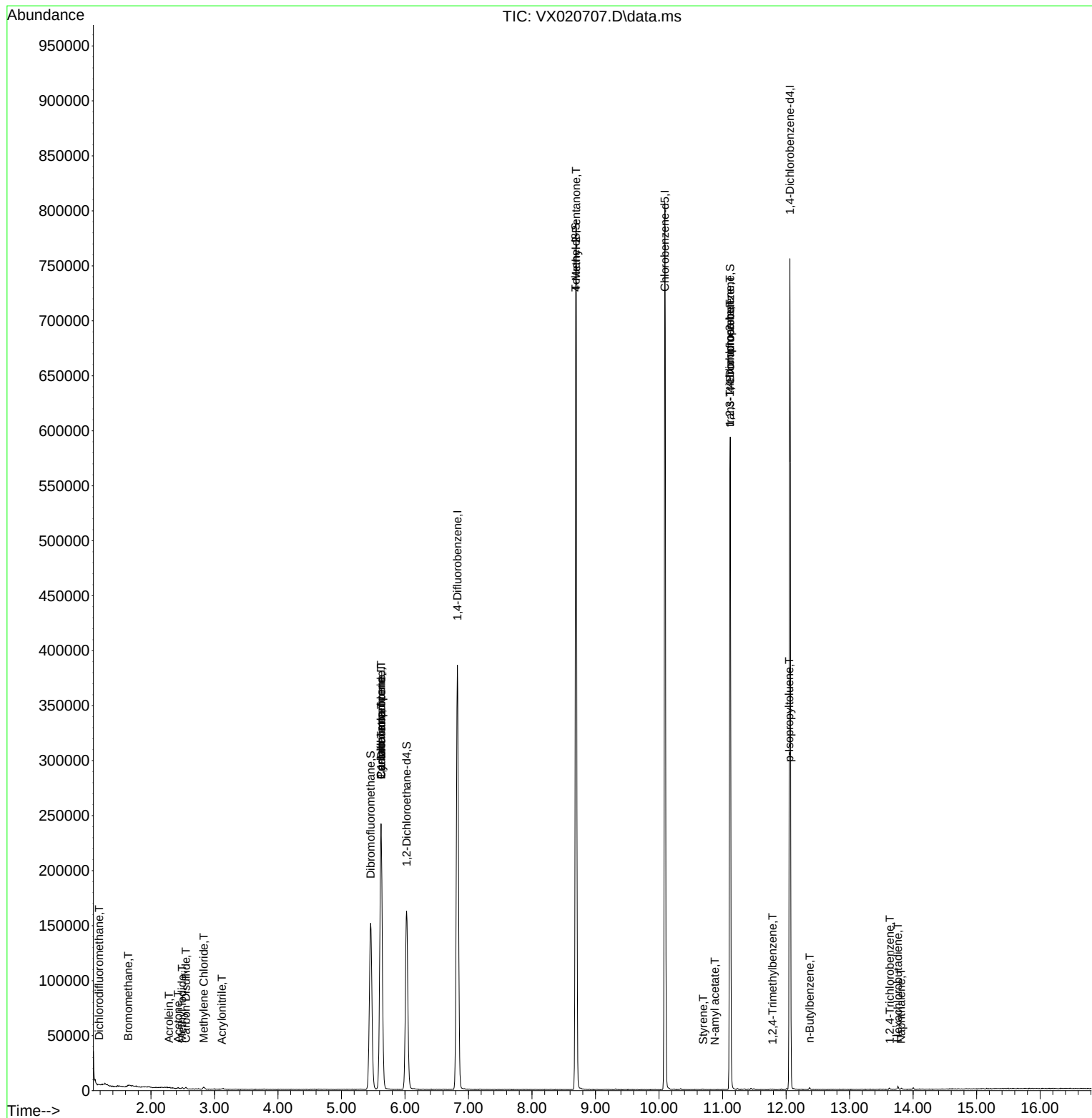
Internal Standards						
1) Pentafluorobenzene	5.623	168	217903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	383563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	368914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	160798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	160896	54.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.00%
35) Dibromofluoromethane	5.458	113	133862	50.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.30%
50) Toluene-d8	8.689	98	478314	50.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.40%
62) 4-Bromofluorobenzene	11.122	95	166903	46.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.68%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	59	0.76	ug/l #	42
5) Bromomethane	1.642	94	387	0.27	ug/l	96
6) Chloroethane	1.721	64	18	Below Cal	#	43
10) Methyl Iodide	2.489	142	1221	0.38	ug/l #	90
13) Acrolein	2.282	56	46	30.44	ug/l #	72
15) Acrylonitrile	3.117	53	381	0.29	ug/l #	76
16) Acetone	2.428	43	968	0.84	ug/l #	84
17) Carbon Disulfide	2.550	76	1785	0.27	ug/l #	92
20) Methylene Chloride	2.831	84	883	0.31	ug/l #	86
31) Cyclohexane	5.623	56	4460	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	17763	4.60	ug/l #	49
38) Carbon Tetrachloride	5.623	117	22603	5.48	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1949	0.57	ug/l #	1
70) Styrene	10.695	104	200	1.44	ug/l #	54
74) N-amyl acetate	10.878	43	28	1.94	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	82854	21.47	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	82854	62.11	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.786	105	278	0.42	ug/l	95
86) p-Isopropyltoluene	12.049	119	434	0.92	ug/l #	1
89) n-Butylbenzene	12.372	91	508	1.48	ug/l	84
93) 1,2,4-Trichlorobenzene	13.634	180	404	2.34	ug/l	90
94) Hexachlorobutadiene	13.762	225	490	0.31	ug/l	91
95) Naphthalene	13.810	128	868	2.02	ug/l #	76

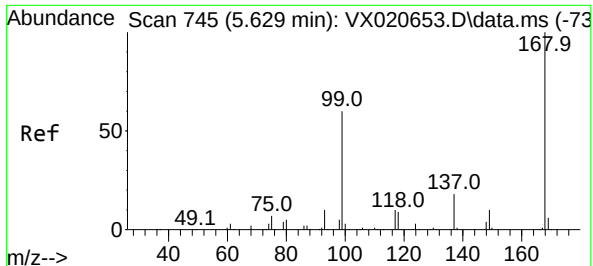
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020707.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

Quant Time: Jan 23 01:40:11 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

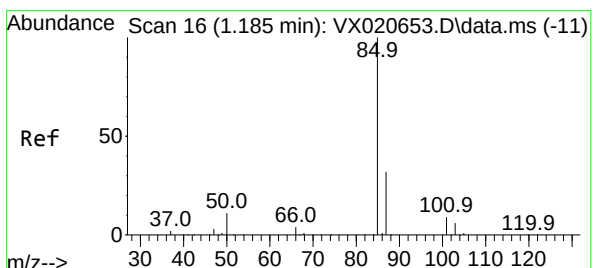
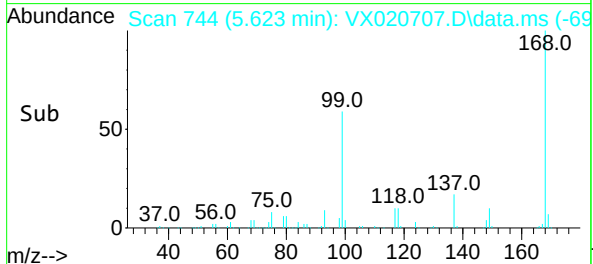
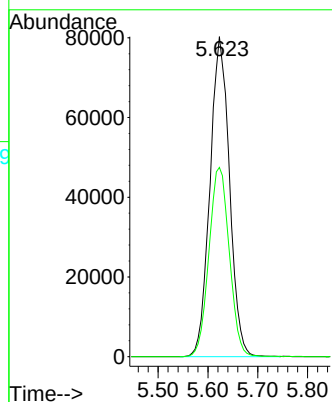
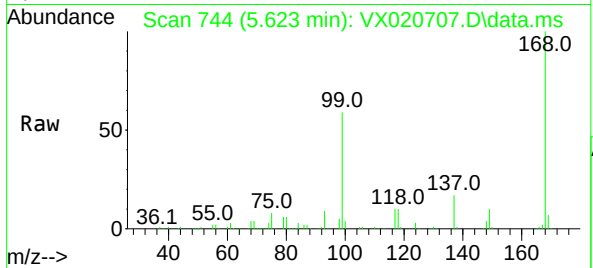




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

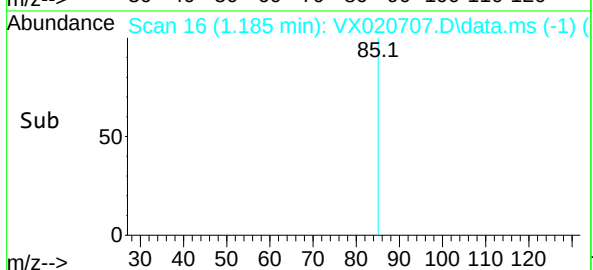
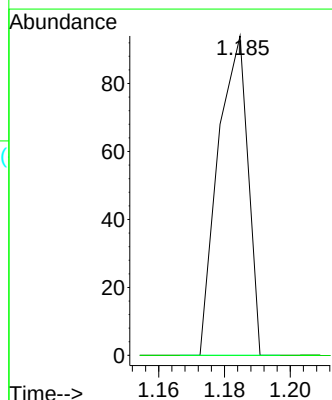
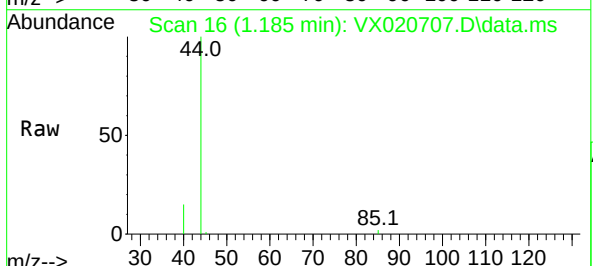
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

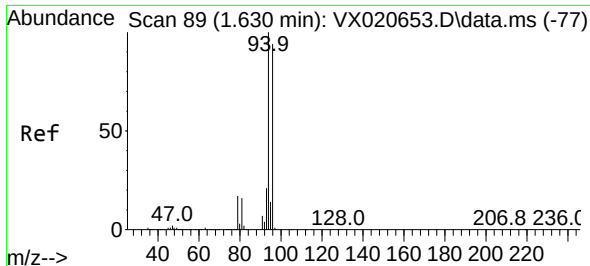
Tgt Ion:168 Resp: 217903
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.76 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 85 Resp: 59
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

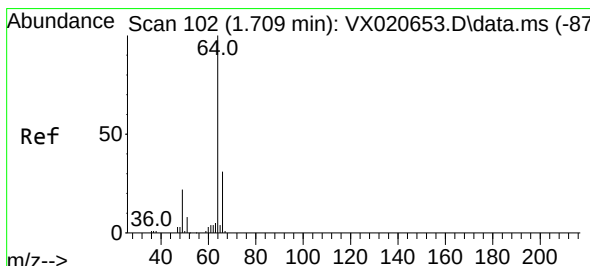
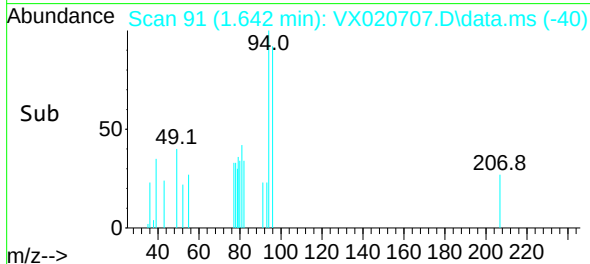
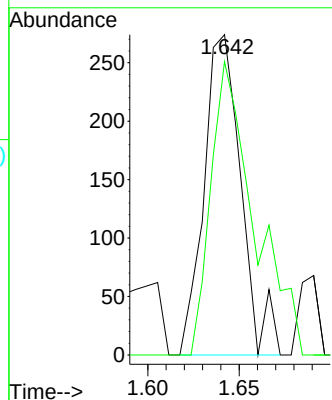
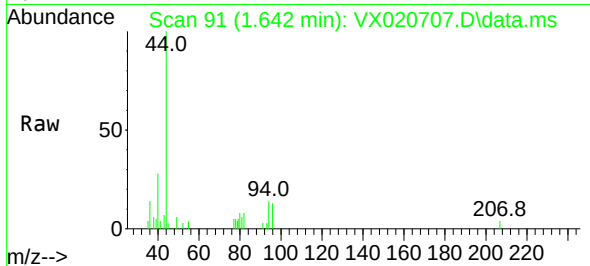




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

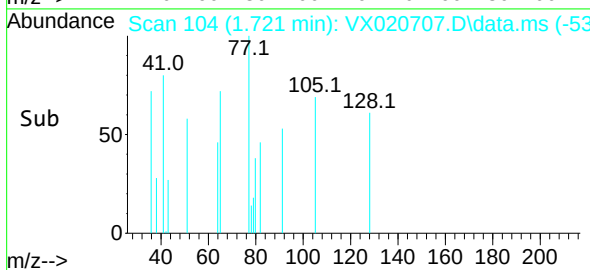
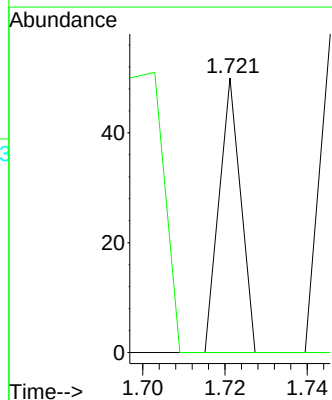
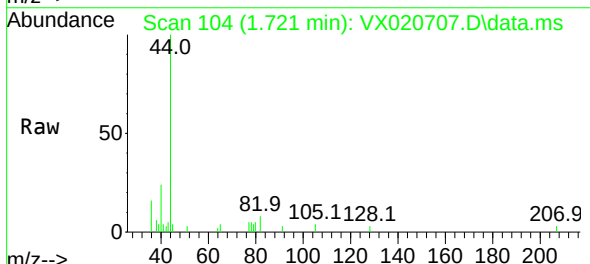
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

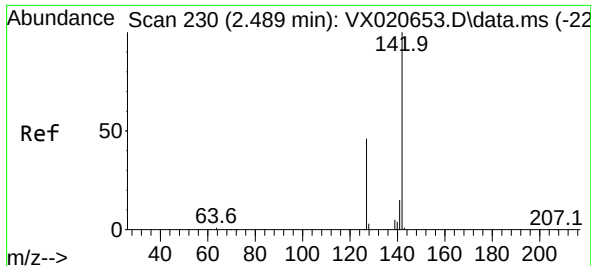
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 91.6 76.4 114.6



#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.012 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

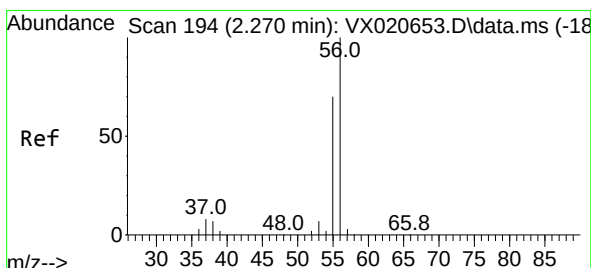
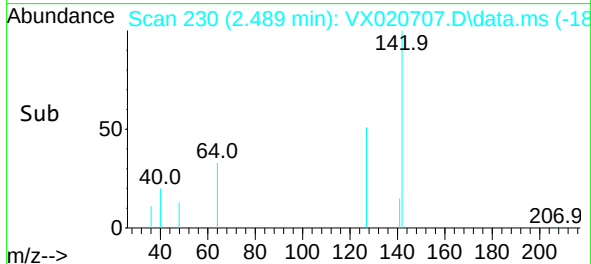
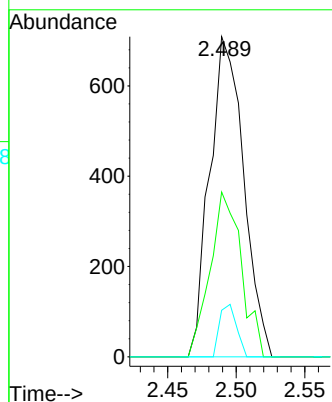
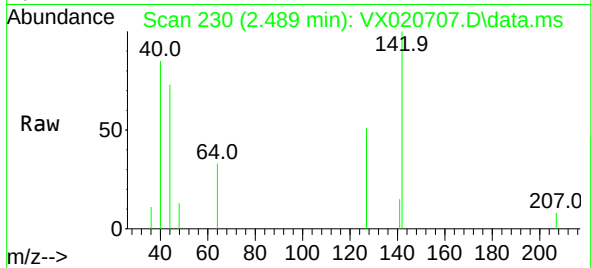




#10
Methyl Iodide
Concen: 0.38 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

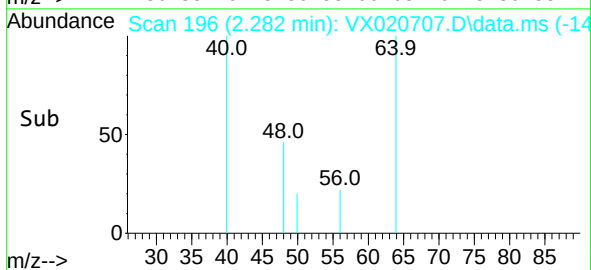
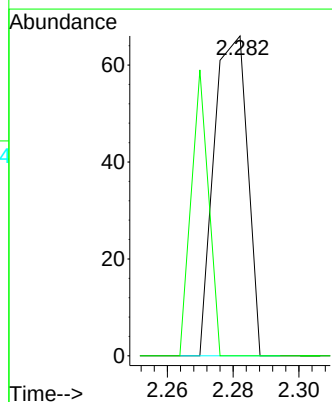
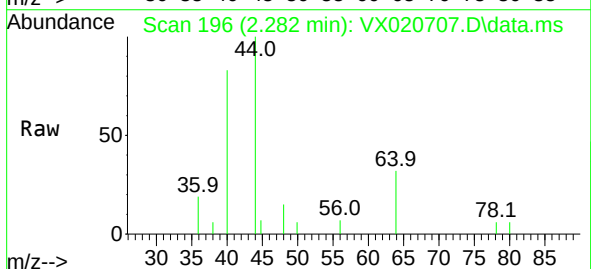
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

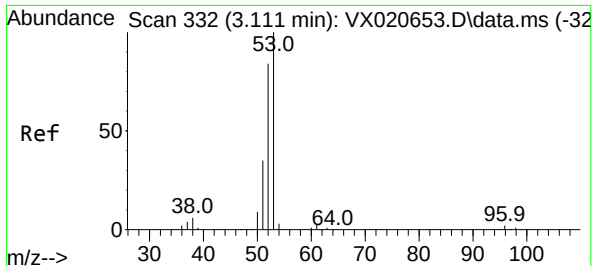
Tgt Ion:142 Resp: 1221
Ion Ratio Lower Upper
142 100
127 47.3 33.3 49.9
141 8.2 11.4 17.0#



#13
Acrolein
Concen: 30.44 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 47.8 56.4 84.6#

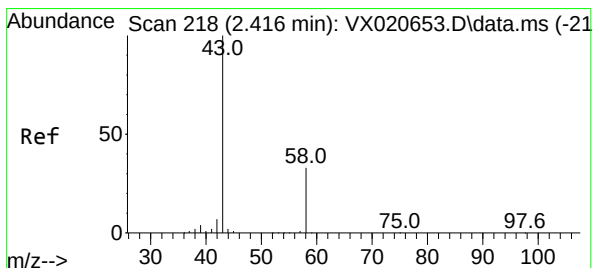
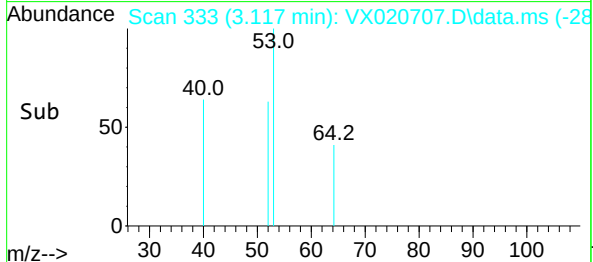
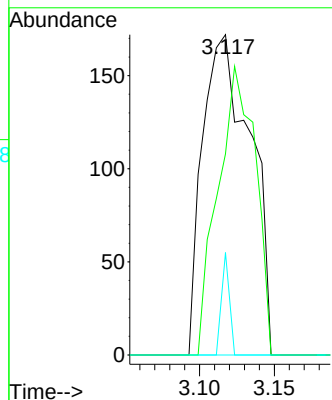
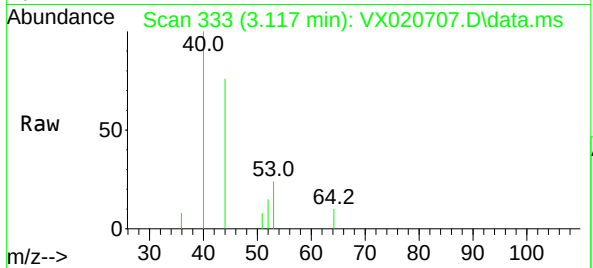




#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

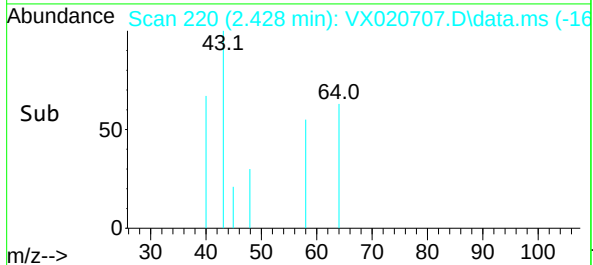
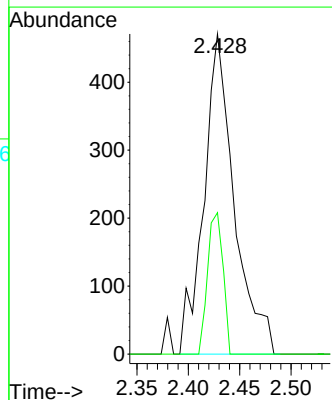
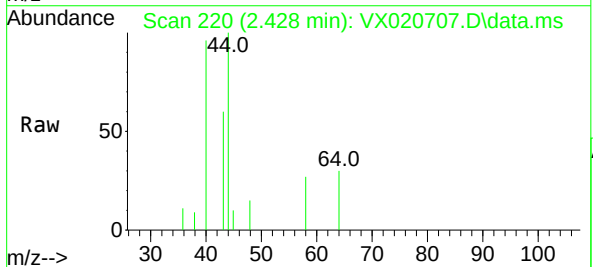
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

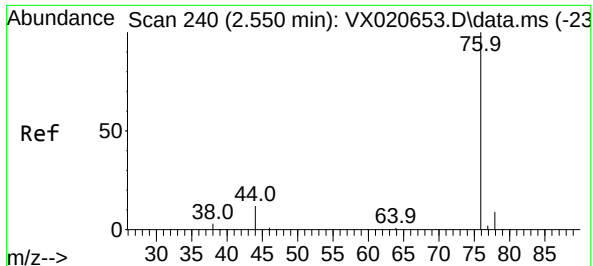
Tgt Ion: 53 Resp: 381
Ion Ratio Lower Upper
53 100
52 70.6 65.3 97.9
51 5.2 28.2 42.2#



#16
Acetone
Concen: 0.84 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 44.2 27.8 41.8#

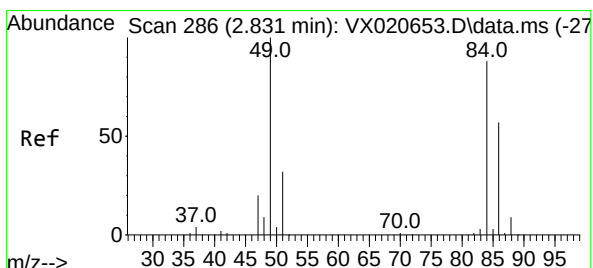
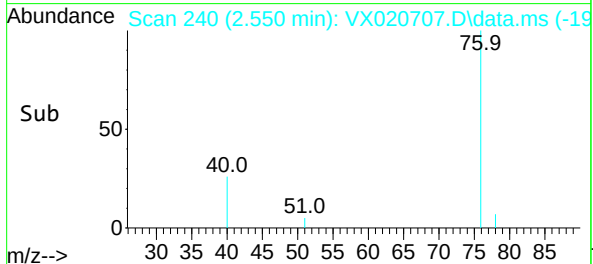
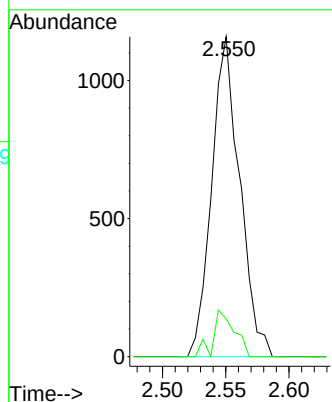
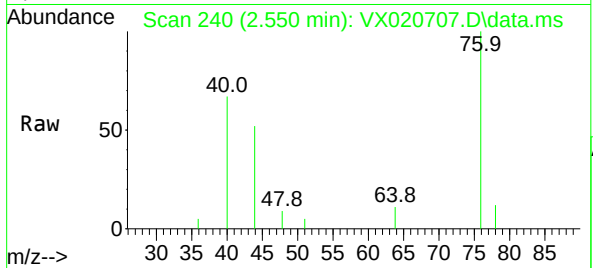




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

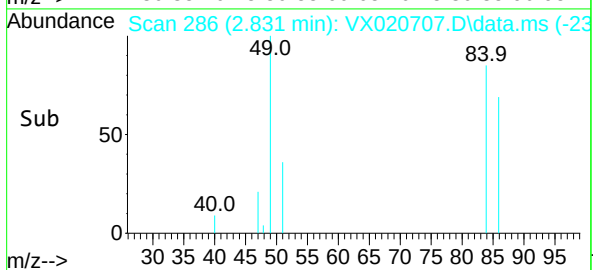
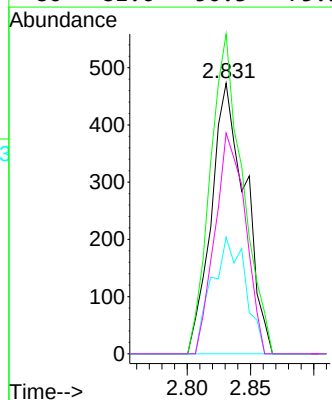
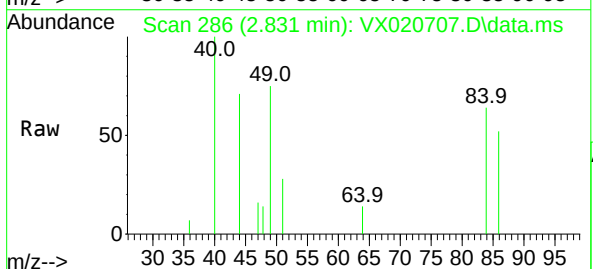
Instrument :
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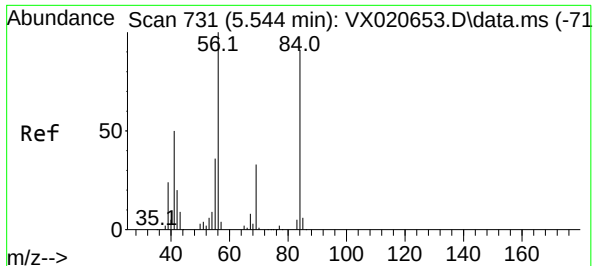
Tgt Ion: 76 Resp: 1785
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 84 Resp: 883
Ion Ratio Lower Upper
84 100
49 118.2 88.6 132.8
51 43.1 27.0 40.6#
86 81.6 50.3 75.5#

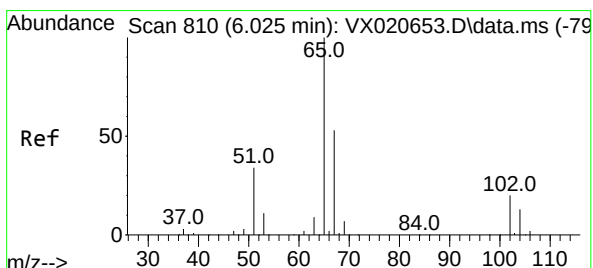
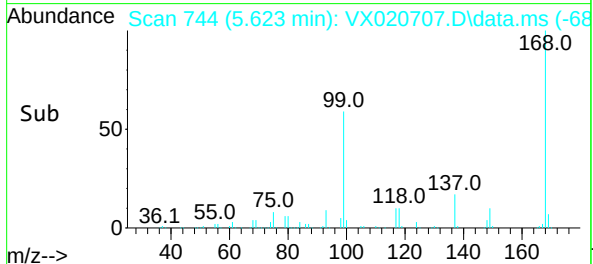
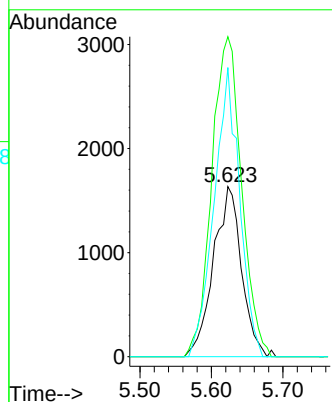
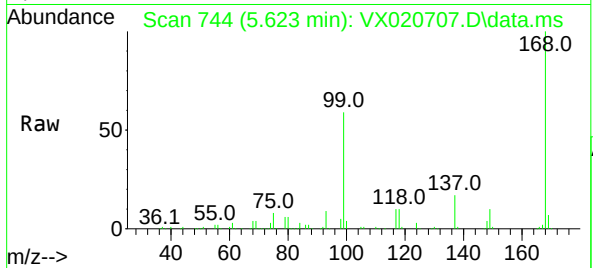




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

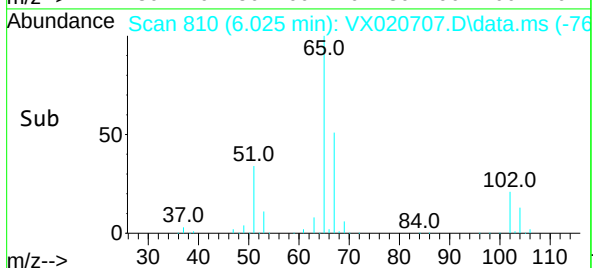
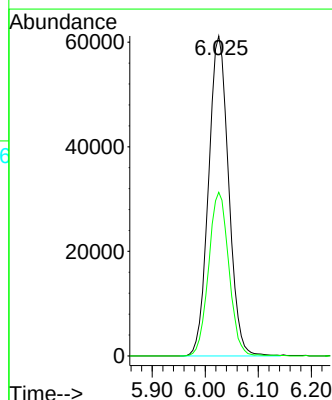
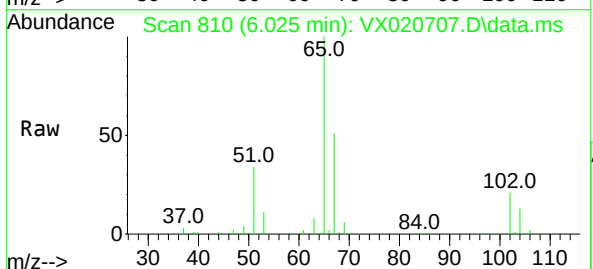
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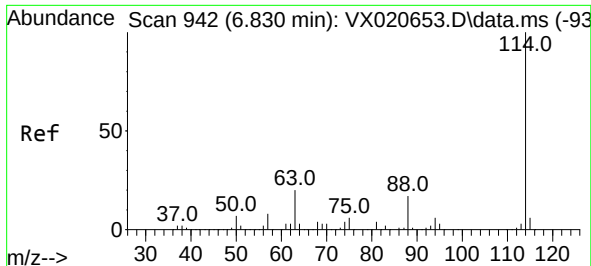
Tgt Ion: 56 Resp: 4460
Ion Ratio Lower Upper
56 100
69 188.2 25.3 37.9#
84 170.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.00 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 65 Resp: 160896
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

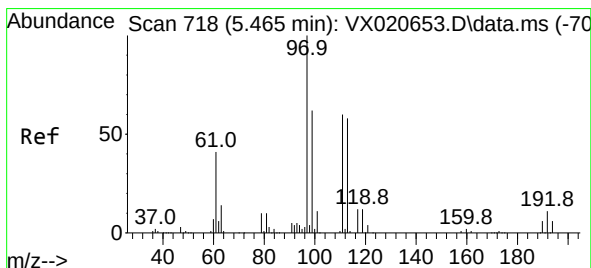
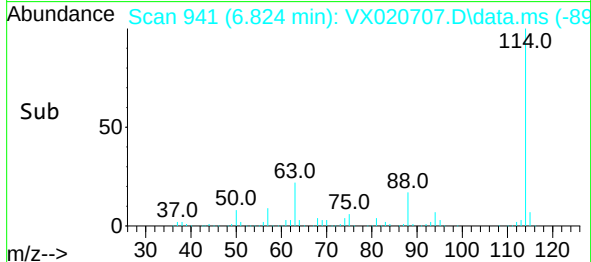
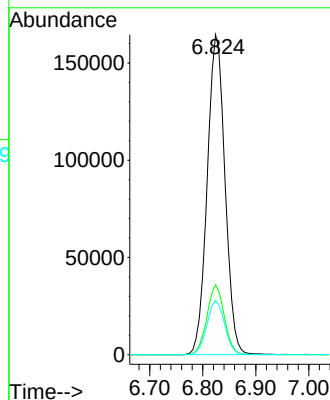
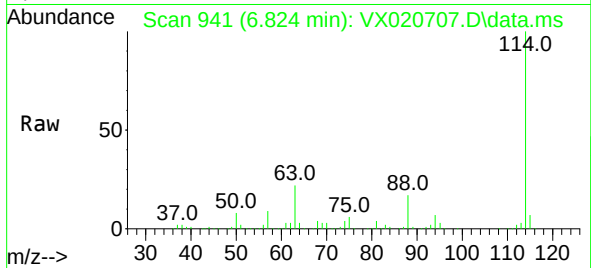




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

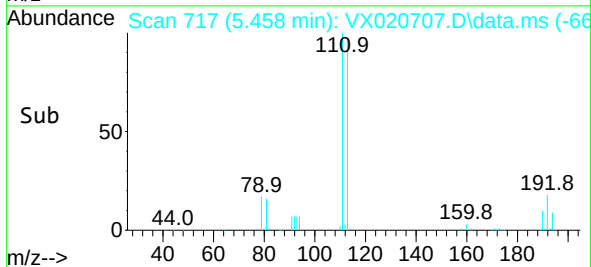
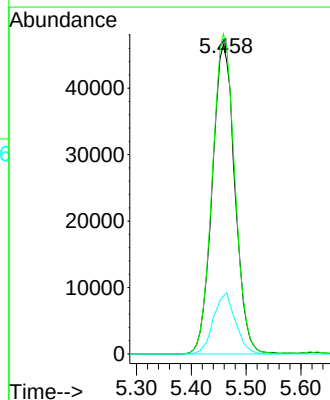
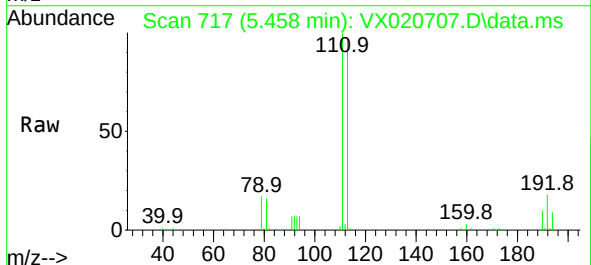
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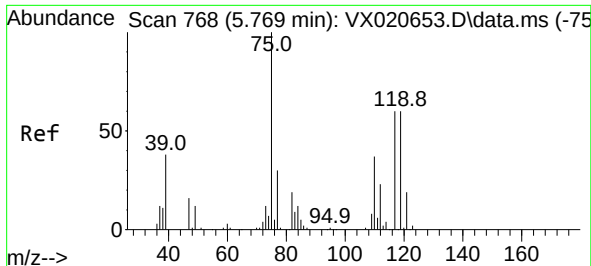
Tgt Ion:114 Resp: 383563
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.65 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion:113 Resp: 133862
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.1 16.7 25.1

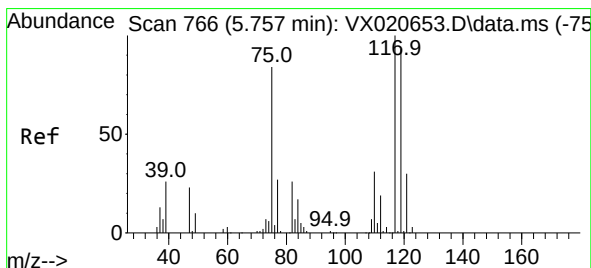
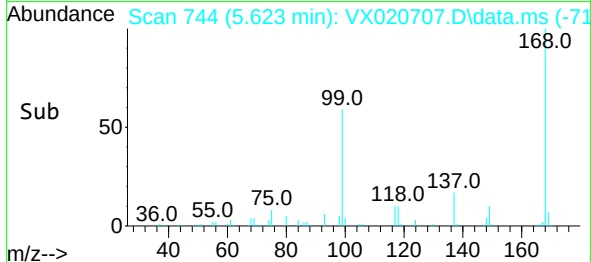
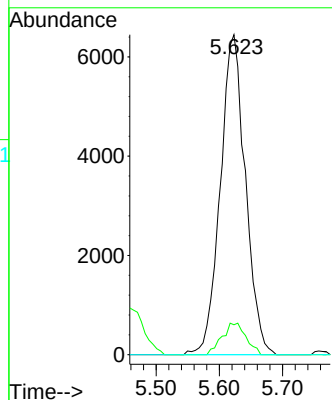
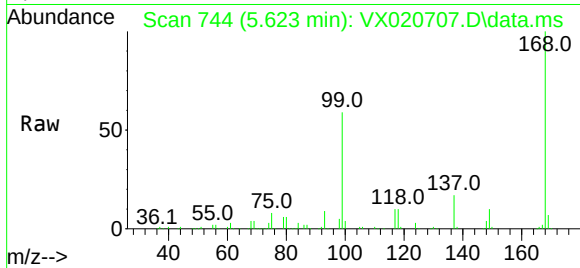




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

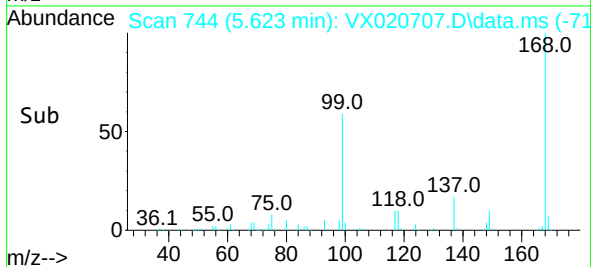
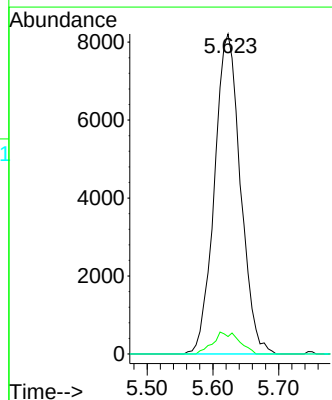
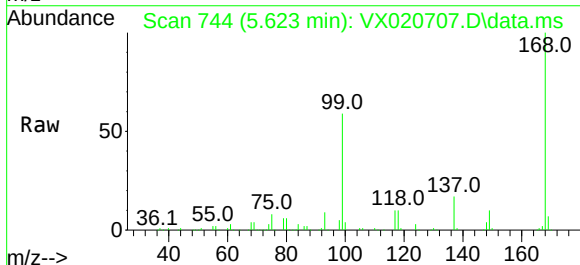
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

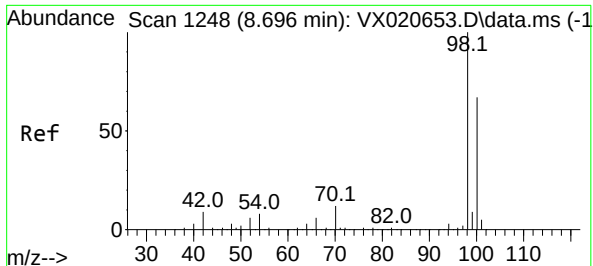
Tgt Ion: 75 Resp: 17763
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.134 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 117 Resp: 22603
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

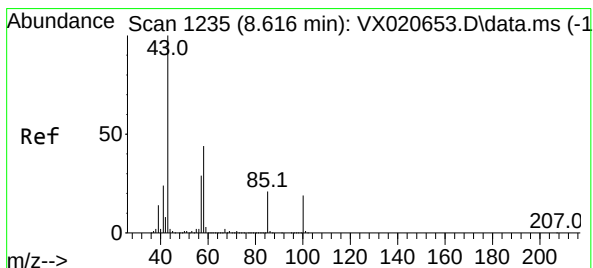
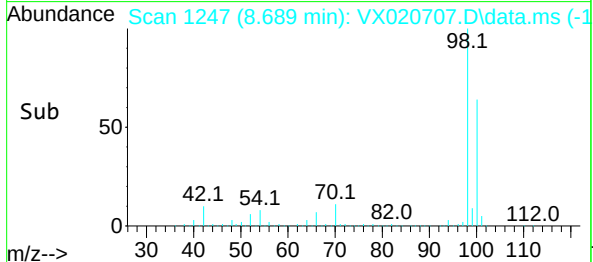
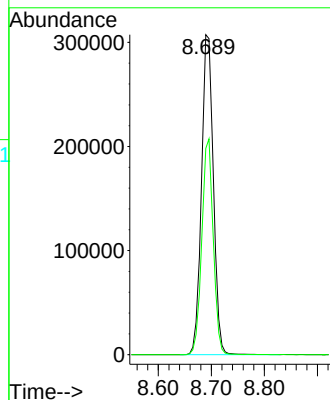
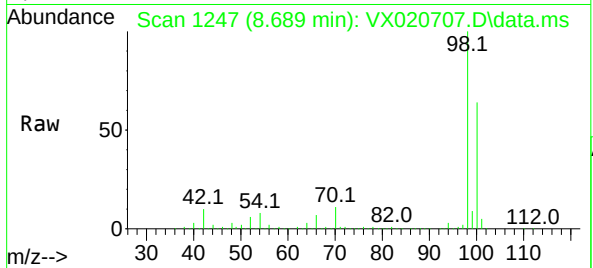




#50
Toluene-d8
Concen: 50.20 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

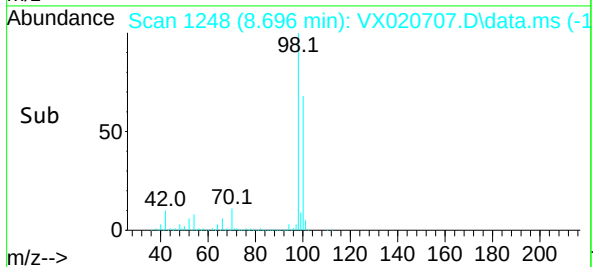
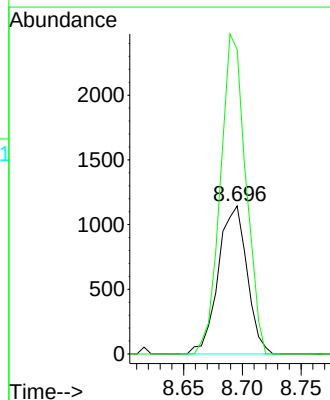
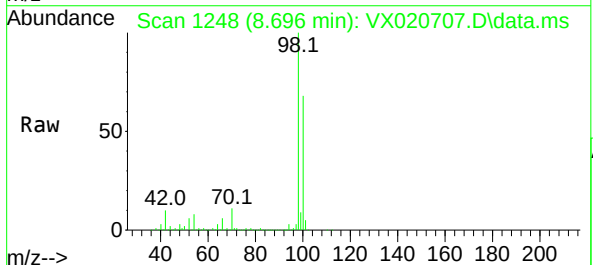
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

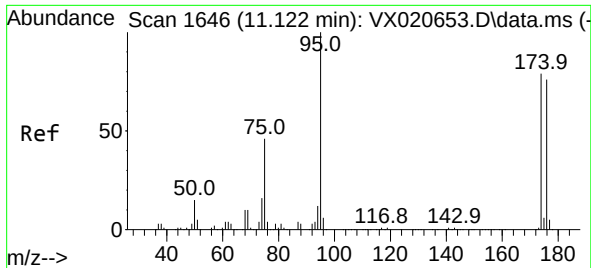
Tgt Ion: 98 Resp: 478314
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 191.0 35.4 53.0#

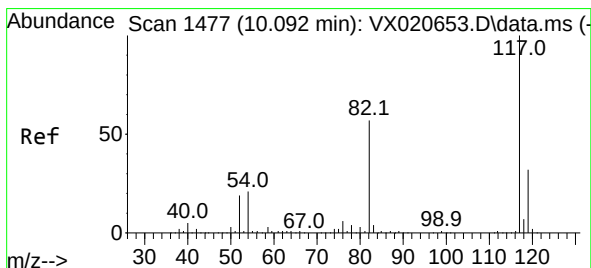
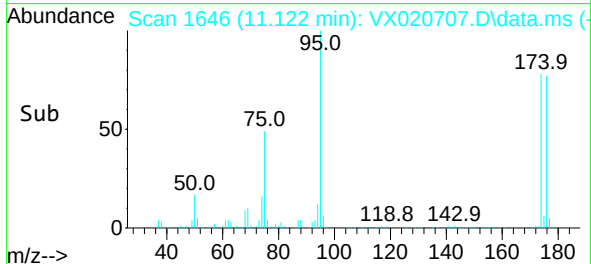
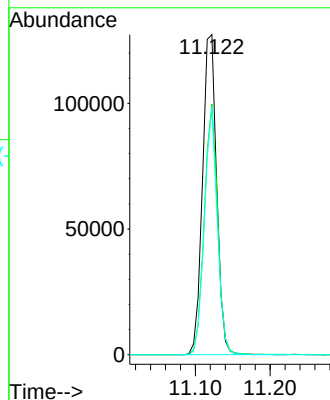
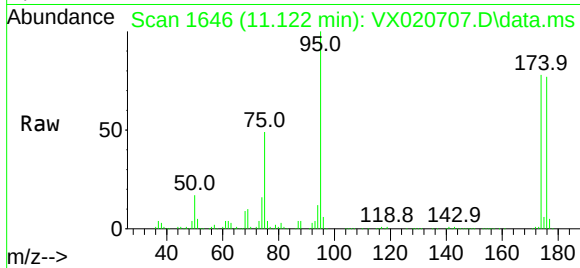




#62
4-Bromofluorobenzene
Concen: 46.34 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

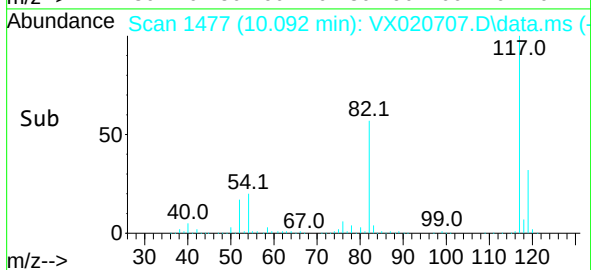
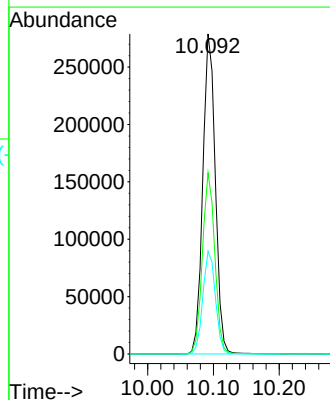
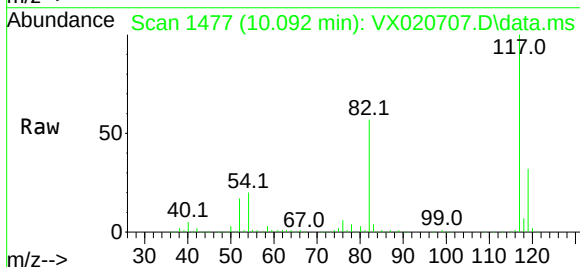
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

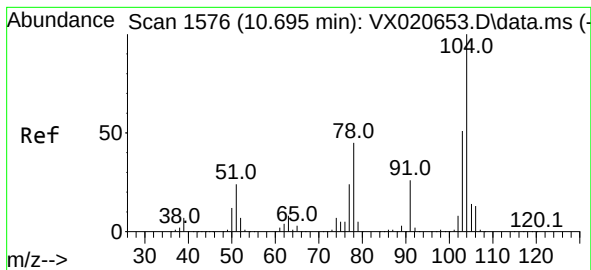
Tgt Ion: 95 Resp: 166903
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 70.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 117 Resp: 368914
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.1 26.6 39.8





#70

Styrene

Concen: 1.44 ug/l

RT: 10.695 min Scan# 1576

Delta R.T. 0.000 min

Lab File: VX020707.D

Acq: 22 Jan 2021 11:39

Tgt Ion:104 Resp: 200

Ion Ratio Lower Upper

104 100

78 0.0 40.0 60.0#

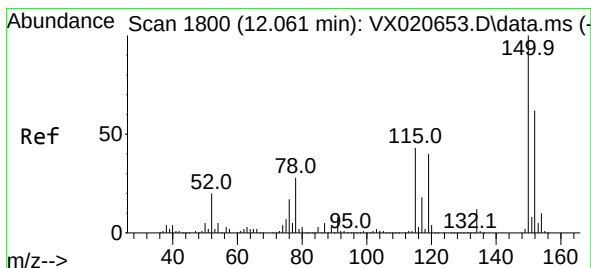
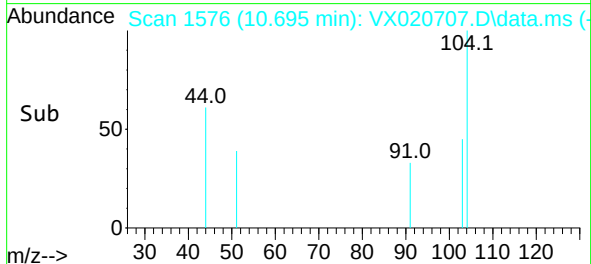
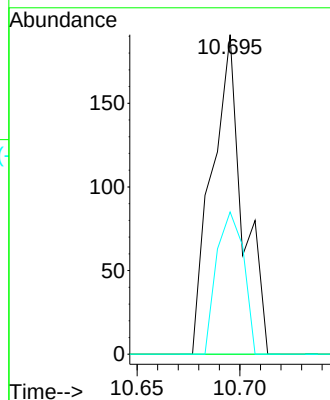
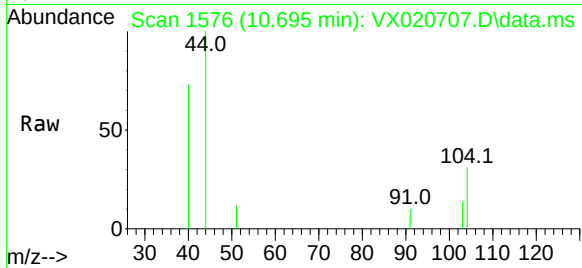
103 39.0 43.4 65.0#

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBL01



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.061 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VX020707.D

Acq: 22 Jan 2021 11:39

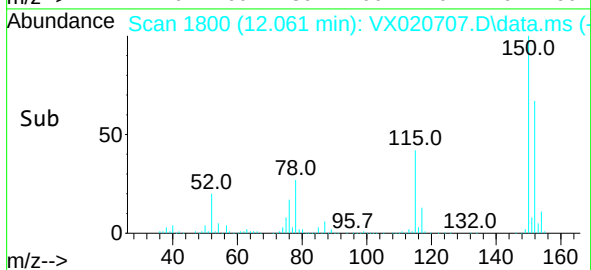
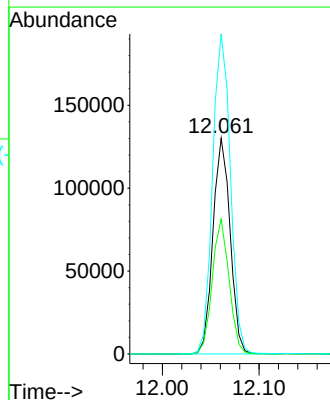
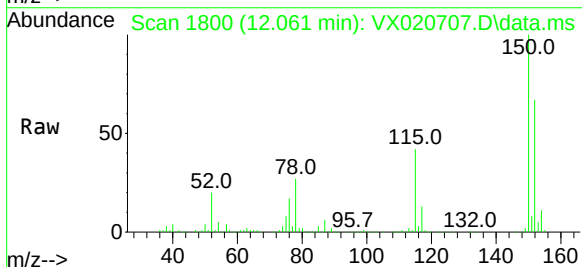
Tgt Ion:152 Resp: 160798

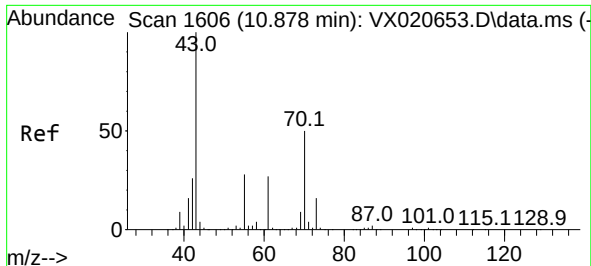
Ion Ratio Lower Upper

152 100

115 61.2 41.1 123.3

150 153.5 0.0 349.0

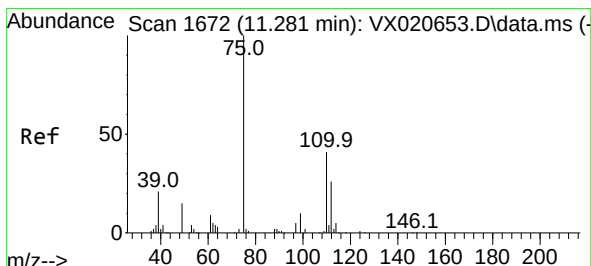
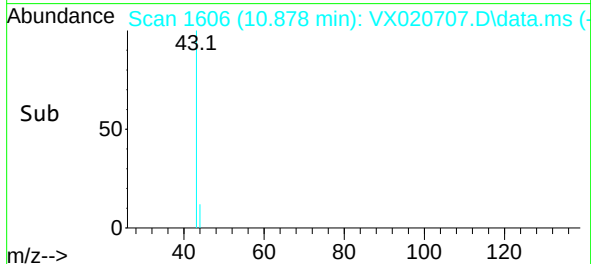
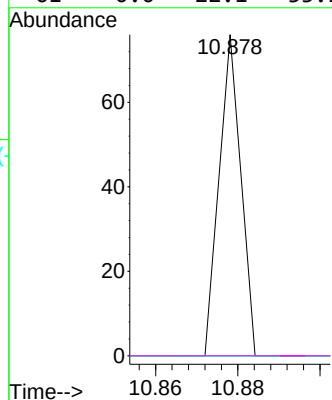
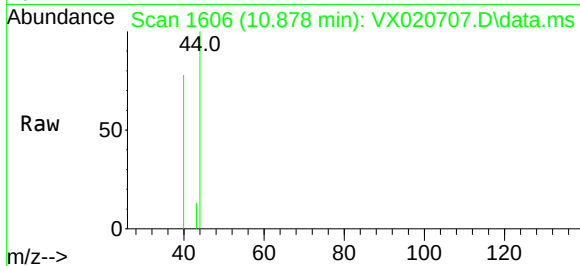




#74
N-amy1 acetate
Concen: 1.94 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

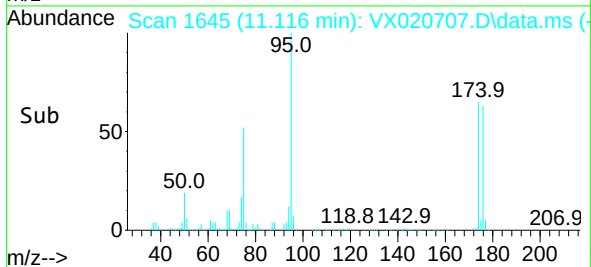
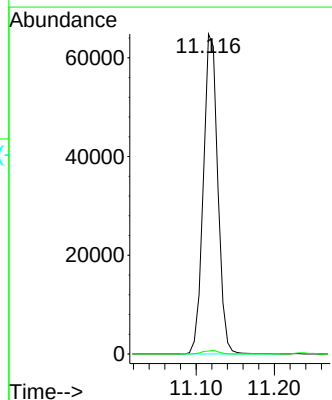
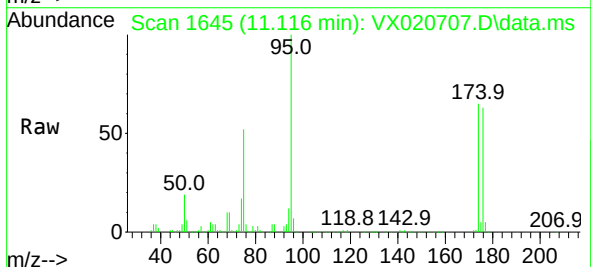
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

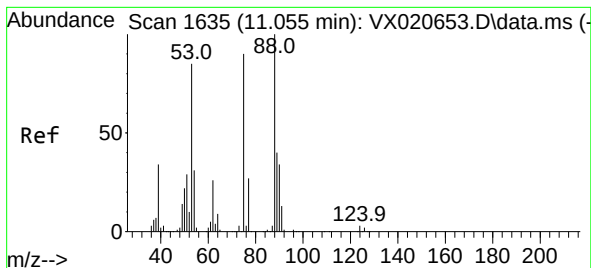
Tgt Ion: 43	Resp: 28
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.47 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 75	Resp: 82854
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

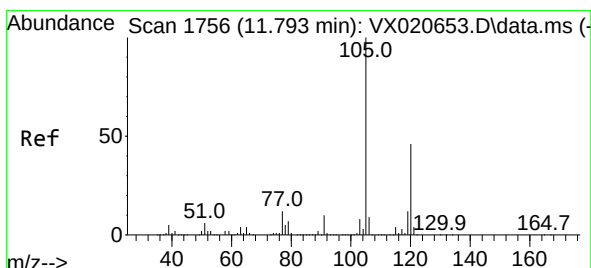
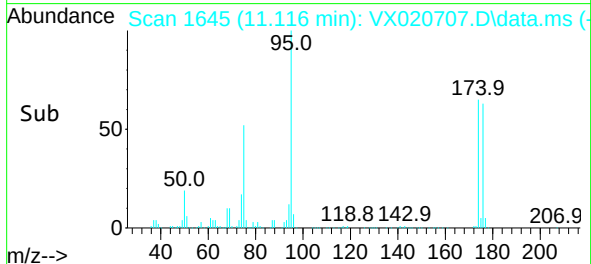
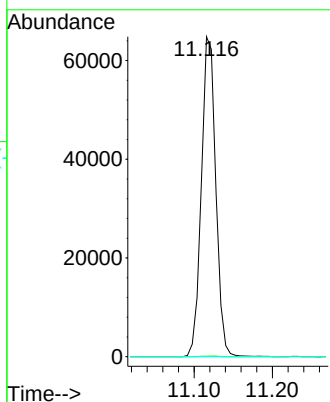
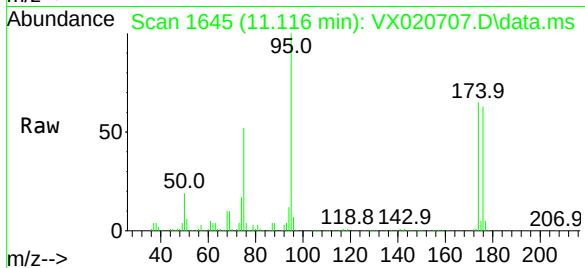




#81
trans-1,4-Dichloro-2-butene
Concen: 62.11 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

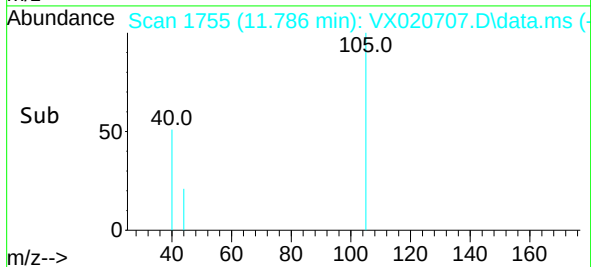
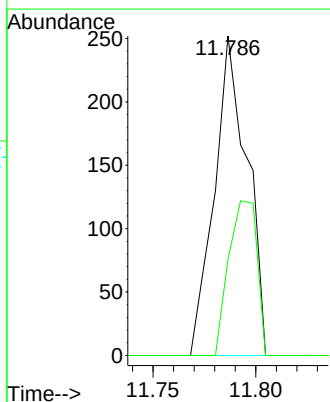
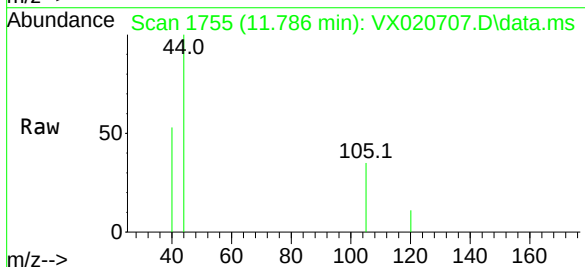
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

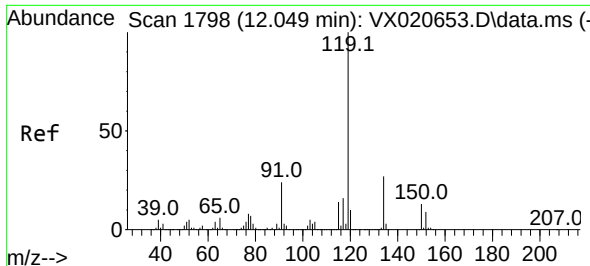
Tgt Ion: 75 Resp: 82854
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.42 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 105 Resp: 278
Ion Ratio Lower Upper
105 100
120 41.7 22.4 67.3

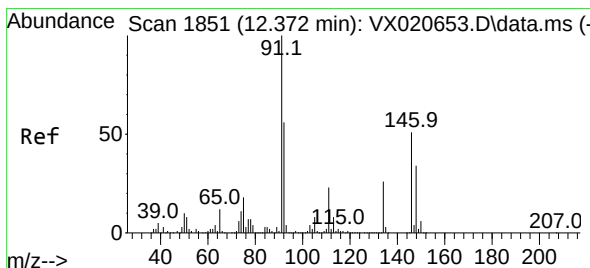
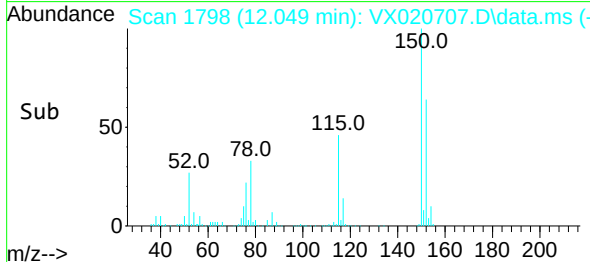
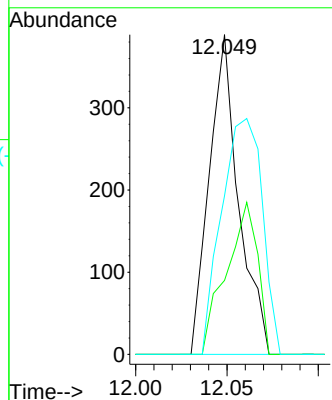
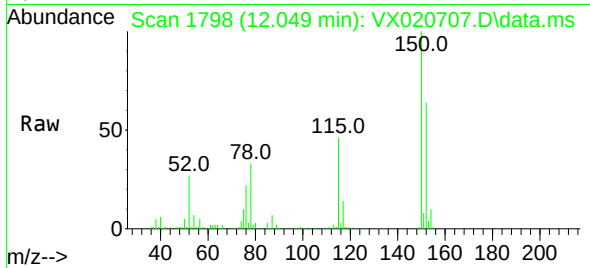




#86
p-Isopropyltoluene
Concen: 0.92 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

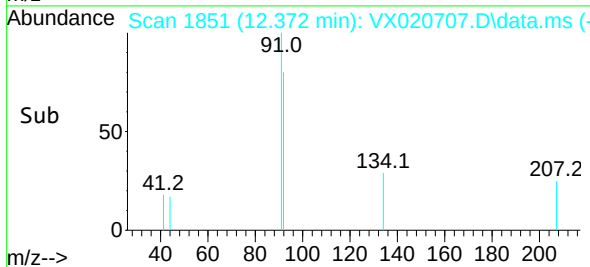
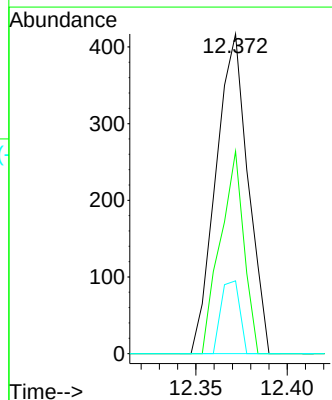
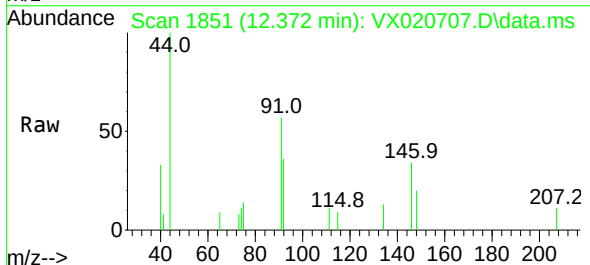
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

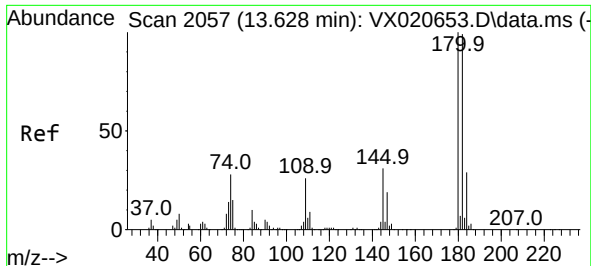
Tgt Ion:119 Resp: 434
Ion Ratio Lower Upper
119 100
134 50.7 12.9 38.7#
91 102.3 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.48 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Tgt Ion: 91 Resp: 508
Ion Ratio Lower Upper
91 100
92 46.7 27.4 82.0
134 13.4 13.2 39.5

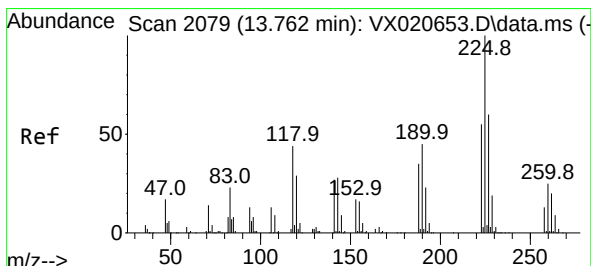
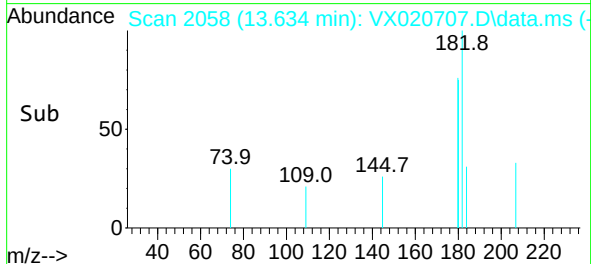
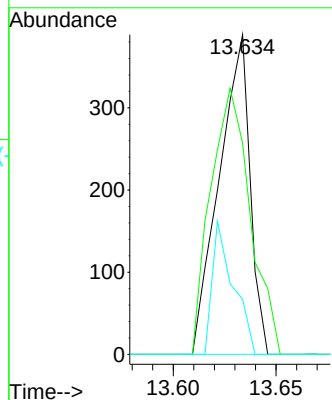
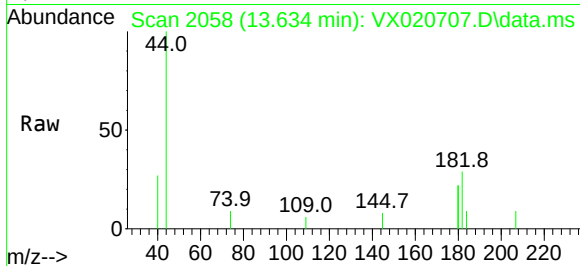




#93
1,2,4-Trichlorobenzene
Concen: 2.34 ug/l
RT: 13.634 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

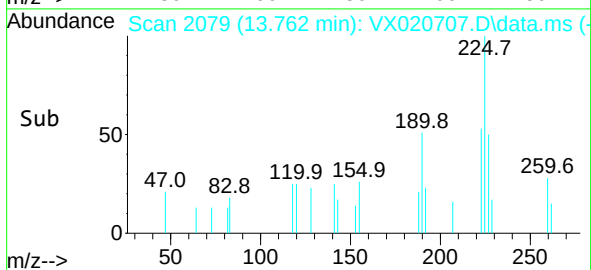
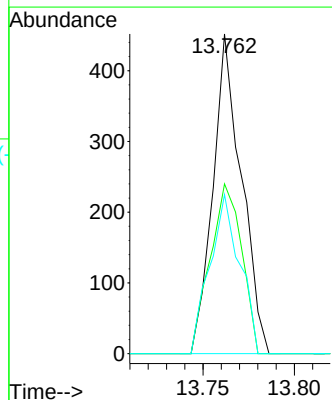
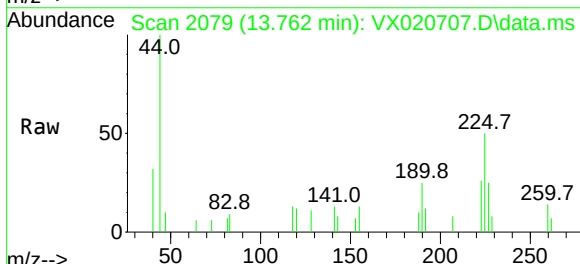
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01

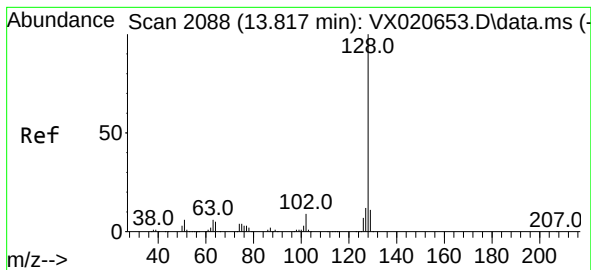
Tgt Ion:180 Resp: 404
Ion Ratio Lower Upper
180 100
182 107.2 47.7 143.1
145 28.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.31 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

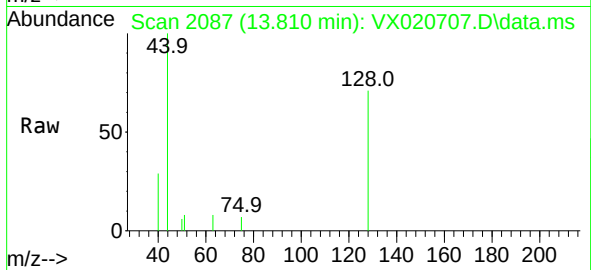
Tgt Ion:225 Resp: 490
Ion Ratio Lower Upper
225 100
223 58.8 31.1 93.2
227 52.4 31.6 95.0





#95
Naphthalene
Concen: 2.02 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020707.D
Acq: 22 Jan 2021 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBL01



Tgt Ion:	128	Resp:	868
Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.3	15.5#
129	0.0	8.8	13.2#

