

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020809.D
 Acq On : 29 Jan 2021 17:57
 Operator : JC/SP
 Sample : M1285-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 30 02:37:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

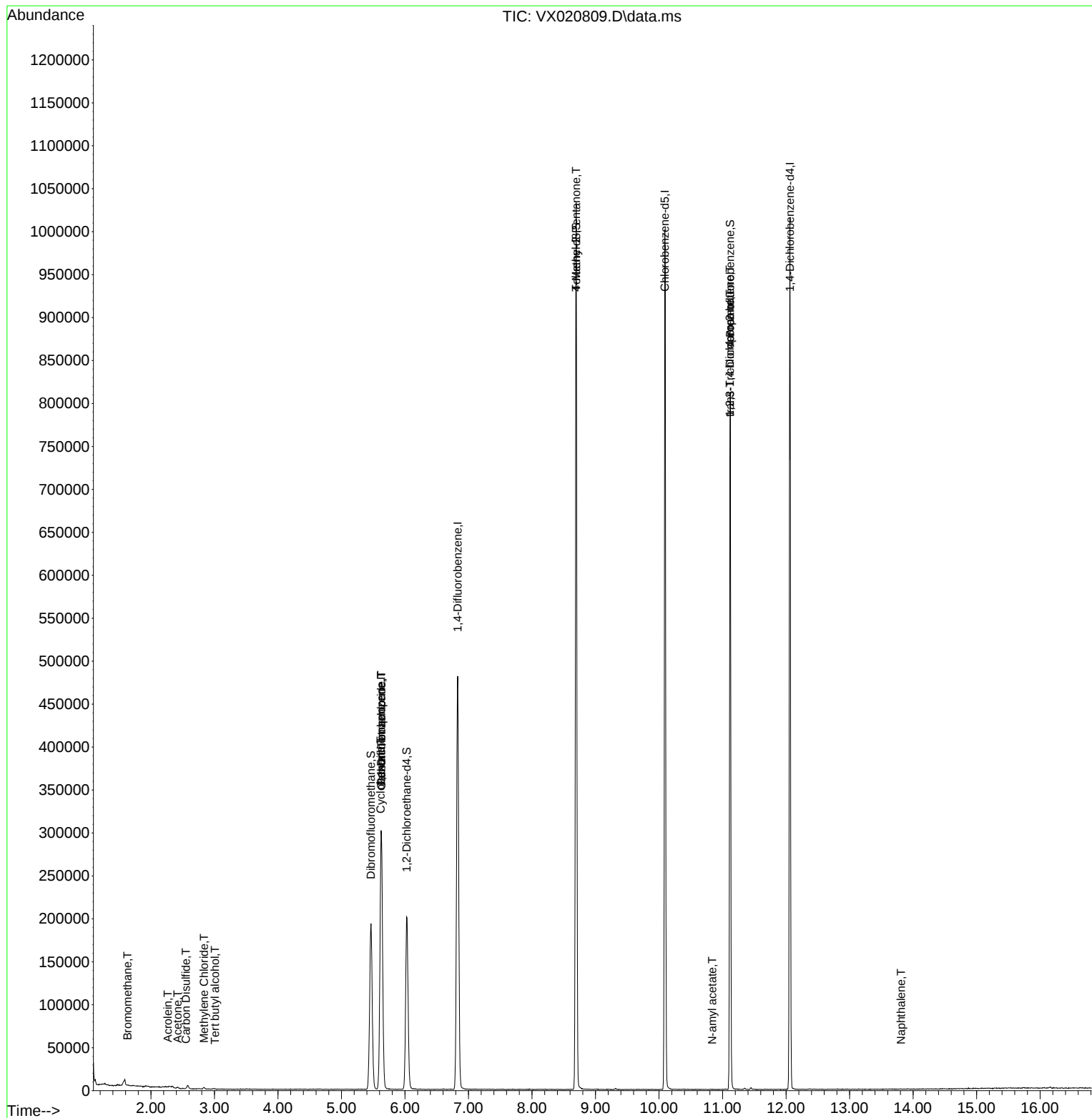
Internal Standards						
1) Pentafluorobenzene	5.623	168	285439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	492533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	471937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	195504	50.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.44%
35) Dibromofluoromethane	5.464	113	167843	49.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.50%
50) Toluene-d8	8.696	98	611981	49.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.96%
62) 4-Bromofluorobenzene	11.122	95	217933	45.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.74%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	387	0.20	ug/l #	74
11) Tert butyl alcohol	3.008	59	668	0.92	ug/l #	73
13) Acrolein	2.264	56	124	0.23	ug/l #	22
16) Acetone	2.416	43	1529	1.04	ug/l #	79
17) Carbon Disulfide	2.550	76	344	0.94	ug/l #	75
20) Methylene Chloride	2.837	84	864	0.23	ug/l	94
31) Cyclohexane	5.617	56	5412	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21731	4.40	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29067	5.59	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	2267	0.48	ug/l #	1
74) N-amyl acetate	10.835	43	25	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	105033	21.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	105033	60.41	ug/l #	12
95) Naphthalene	13.810	128	105	2.88	ug/l #	69

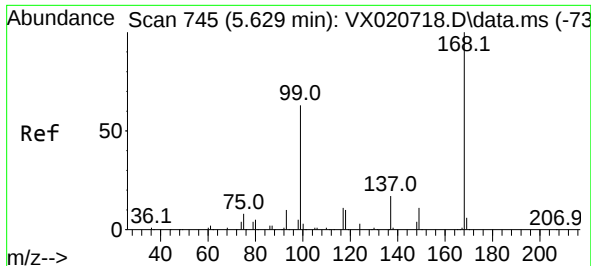
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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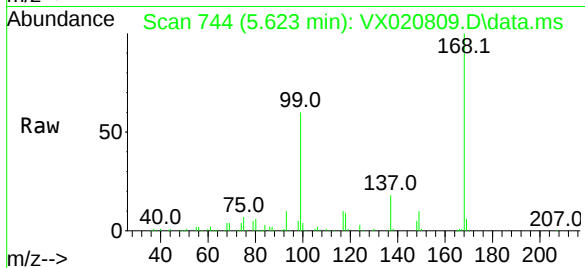
Quant Time: Jan 30 02:37:32 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
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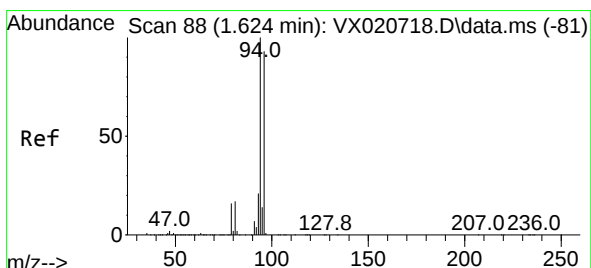
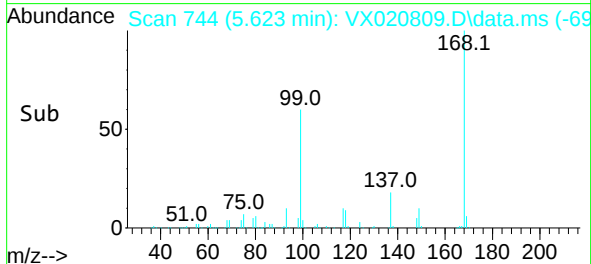
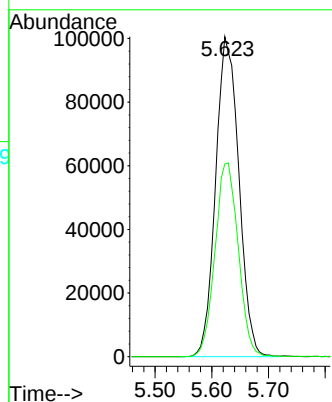


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

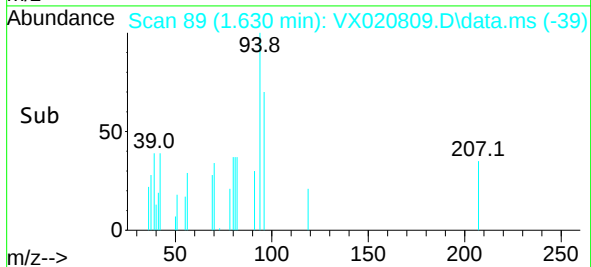
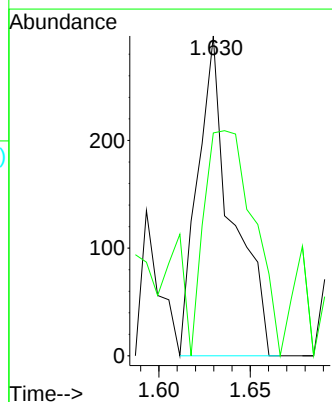
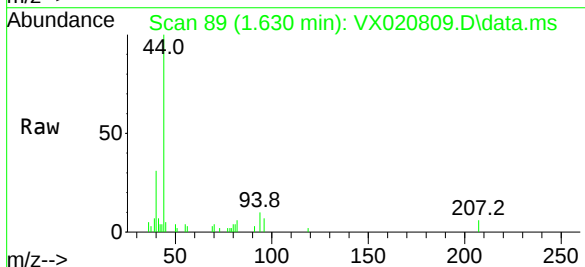


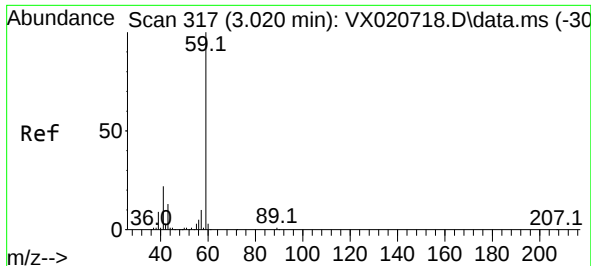
Tgt Ion:168 Resp: 285439
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 69.7 76.4 114.6#

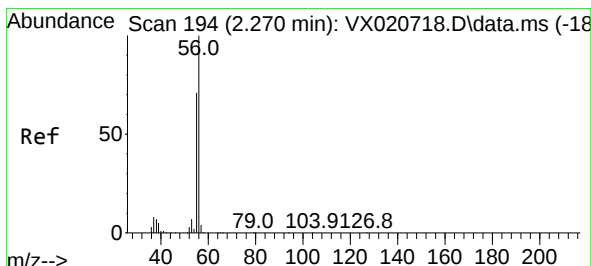
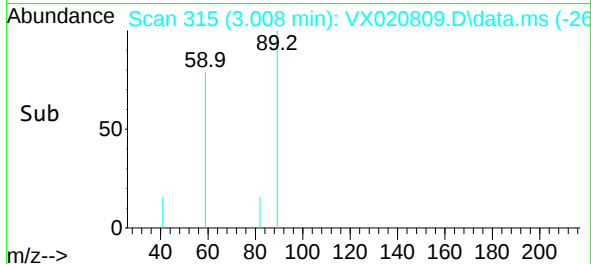
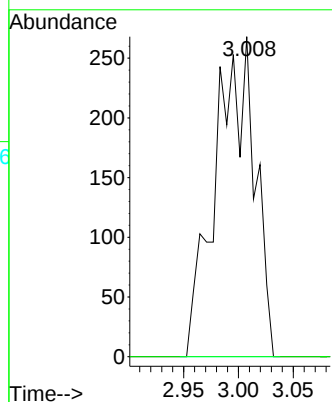
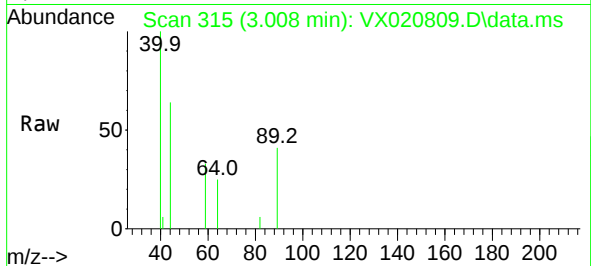




#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

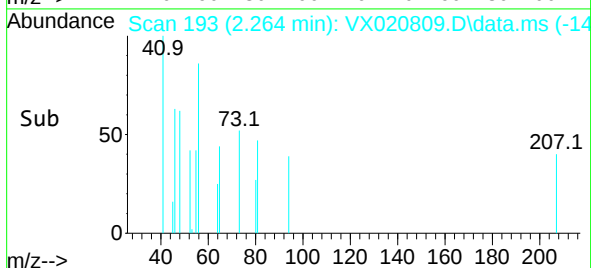
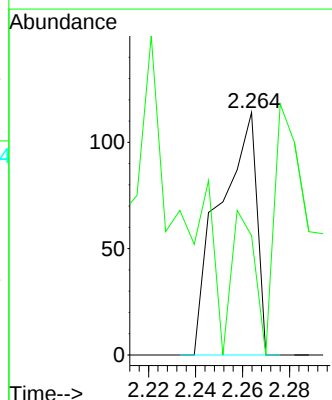
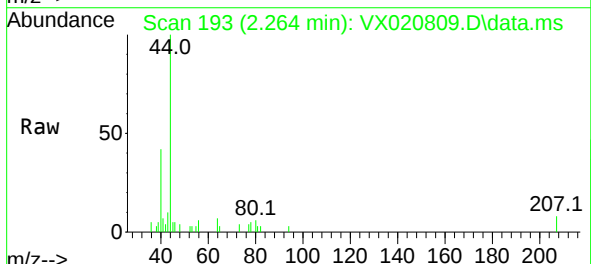
Instrument :
MSVOA_X
ClientSampleId :
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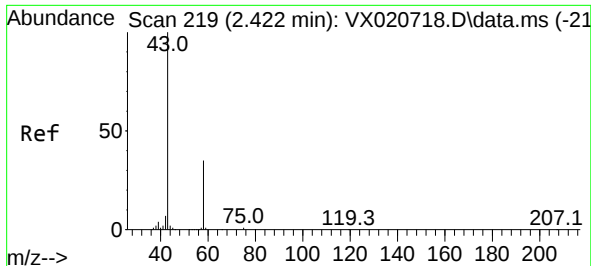
Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 134.7 56.4 84.6#

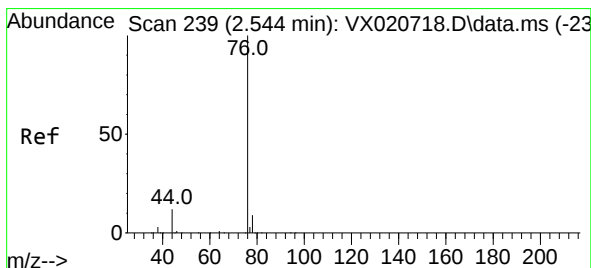
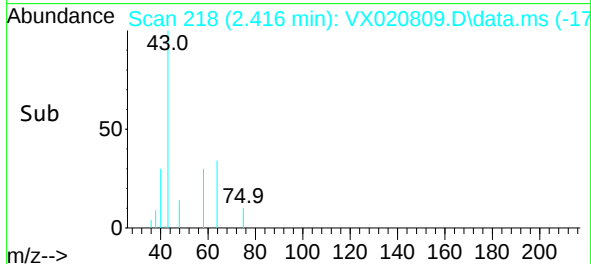
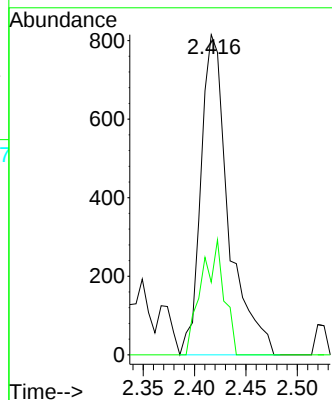
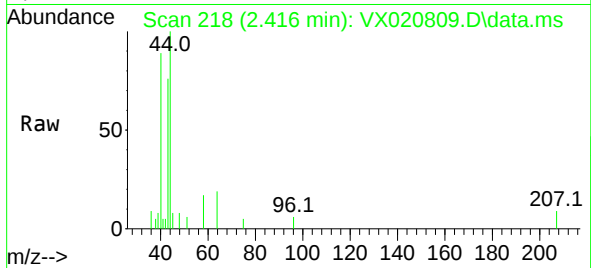




#16
Acetone
Concen: 1.04 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

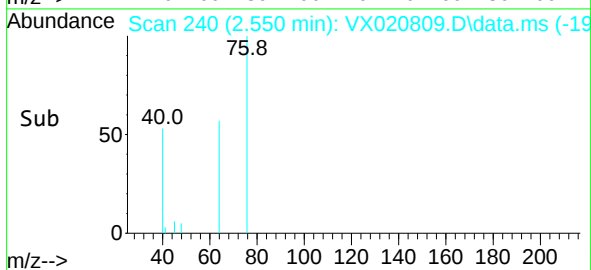
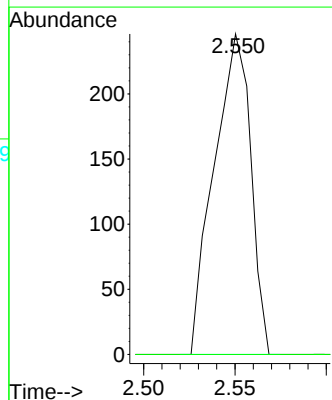
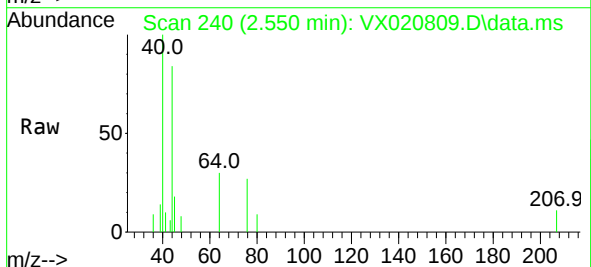
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

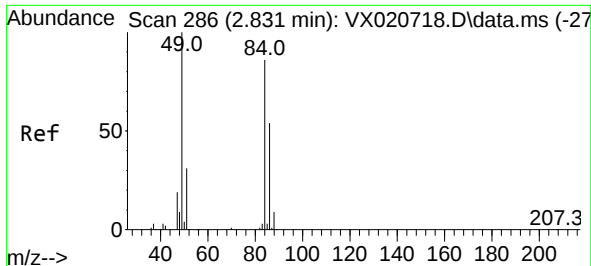
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

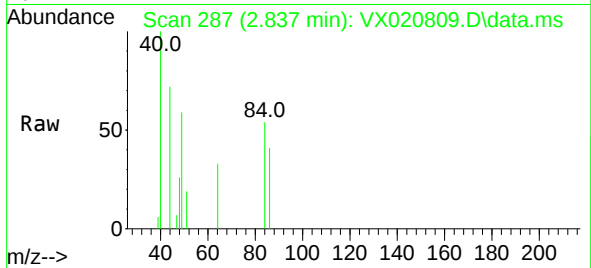
Tgt Ion: 76 Resp: 344
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



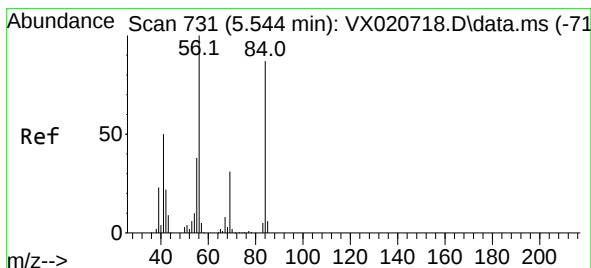
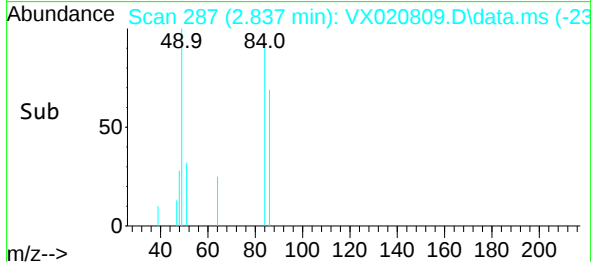
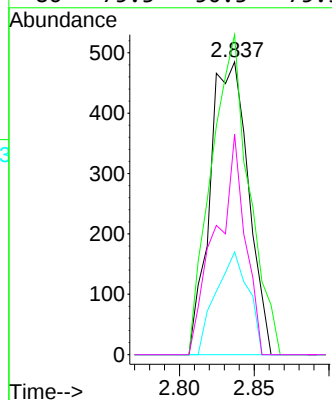


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

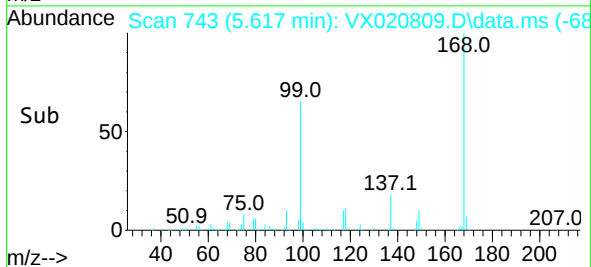
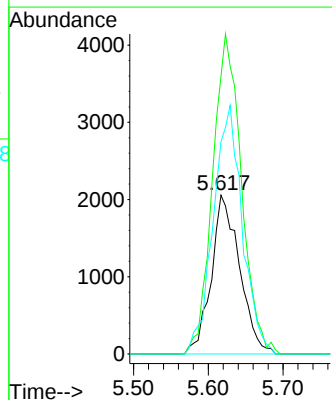
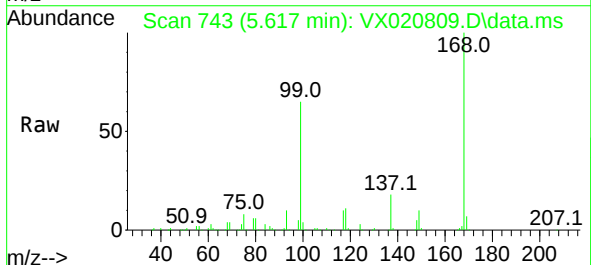


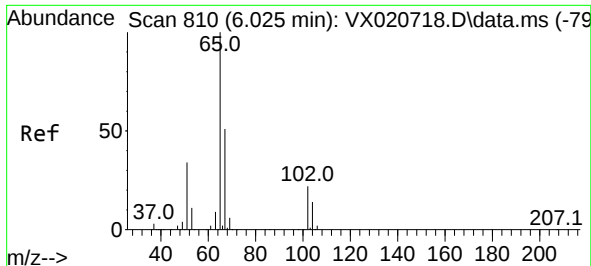
Tgt Ion: 84	Resp:	864	
Ion	Ratio	Lower	Upper
84	100		
49	109.3	88.6	132.8
51	35.1	27.0	40.6
86	75.3	50.3	75.5



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 56	Resp:	5412	
Ion	Ratio	Lower	Upper
56	100		
69	175.2	25.3	37.9#
84	133.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.22 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020809.D

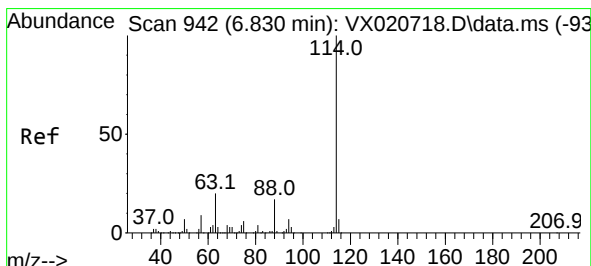
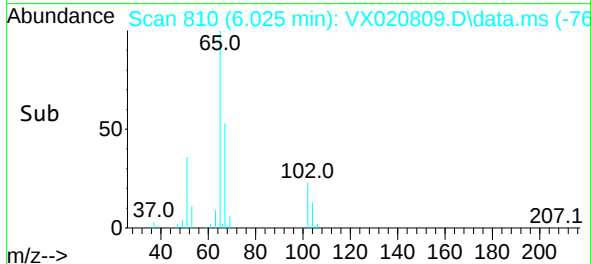
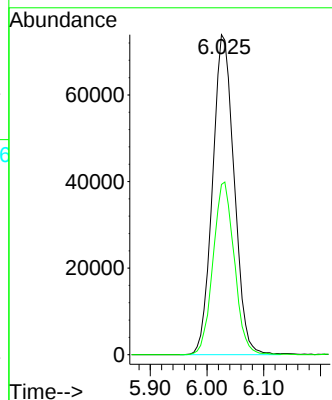
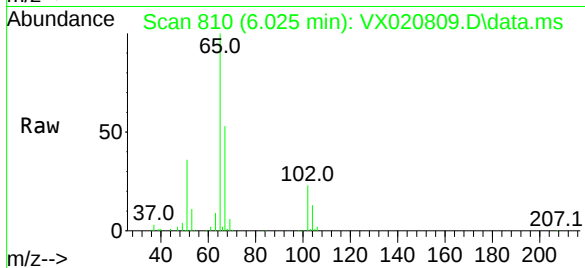
Acq: 29 Jan 2021 17:57

Tgt Ion: 65 Resp: 195504

Ion Ratio Lower Upper

65 100

67 53.1 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: VX020809.D

Acq: 29 Jan 2021 17:57

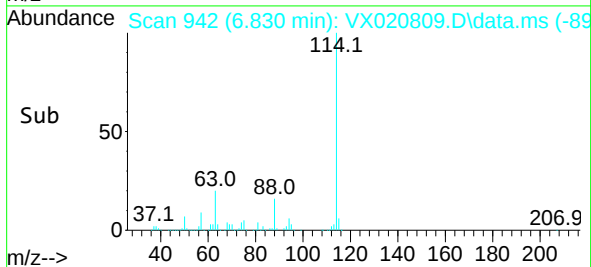
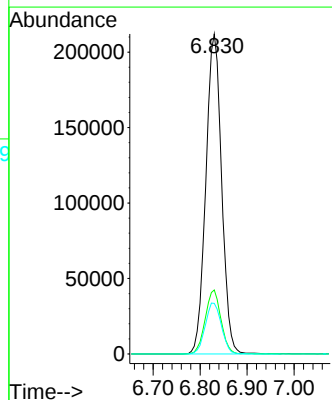
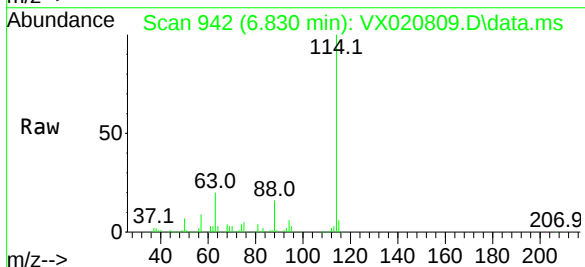
Tgt Ion: 114 Resp: 492533

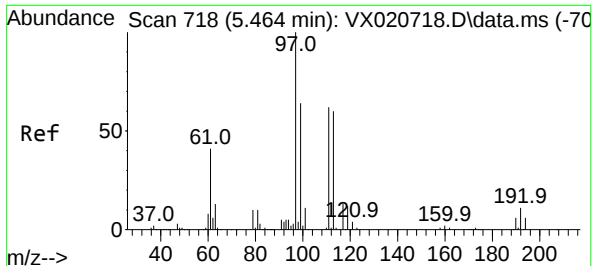
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

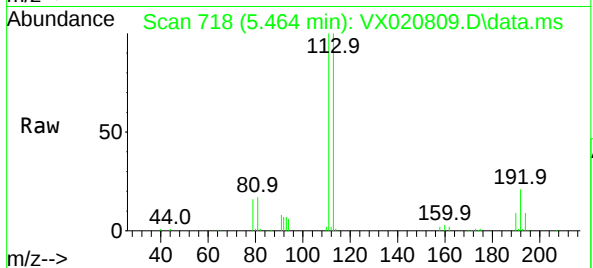
88 15.8 0.0 32.8



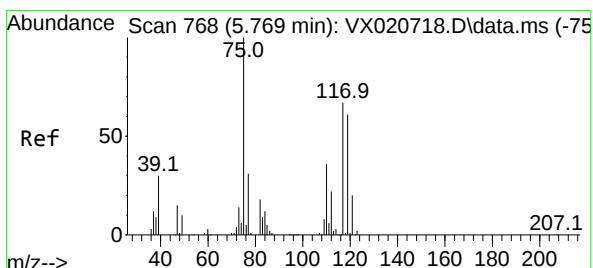
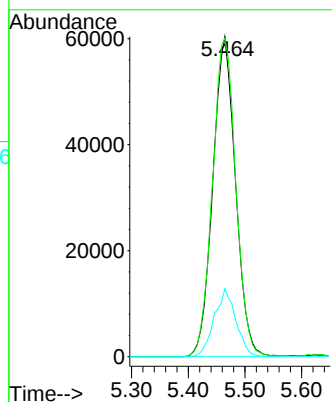
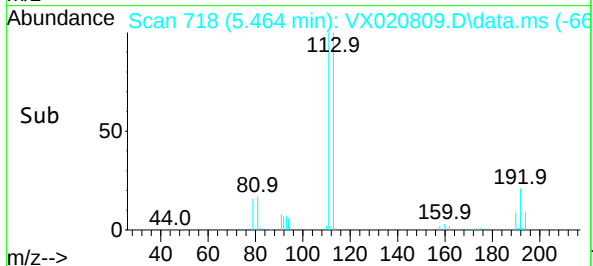


#35
Dibromofluoromethane
Concen: 49.75 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

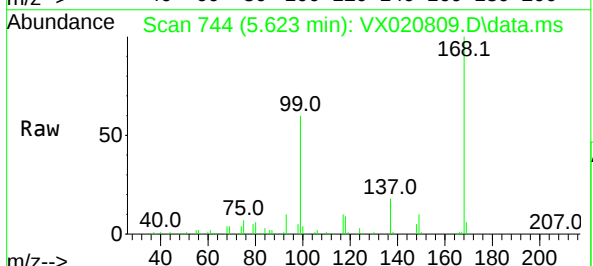
Instrument :
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STORAGE-BLANK-SAMPLE-MANA



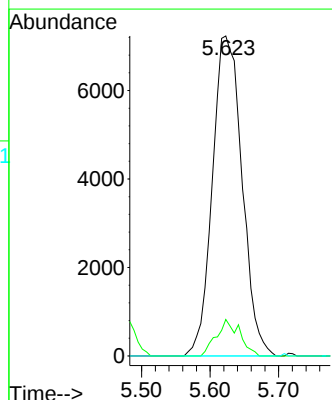
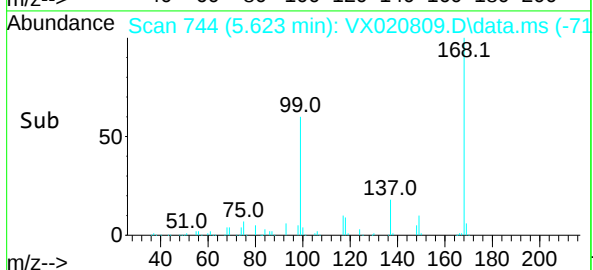
Tgt Ion:113 Resp: 167843
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.3 16.7 25.1

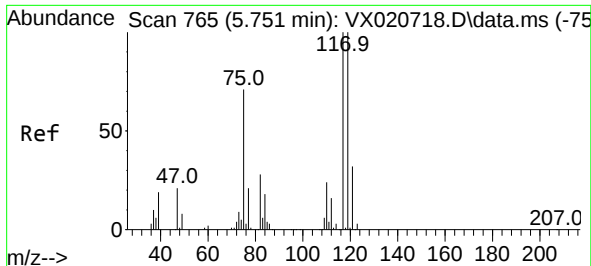


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57



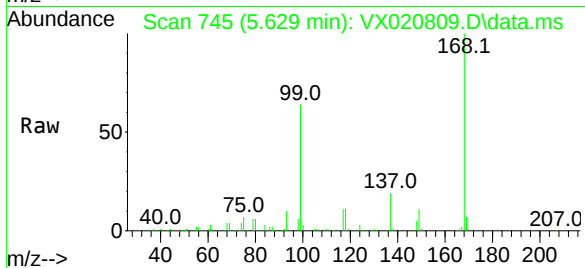
Tgt Ion: 75 Resp: 21731
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



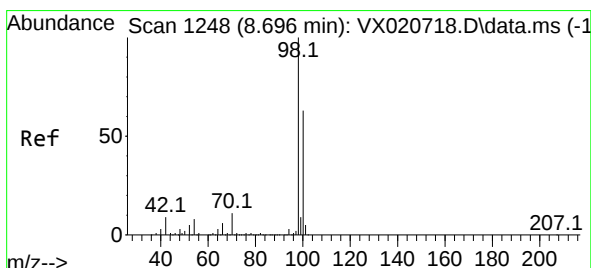
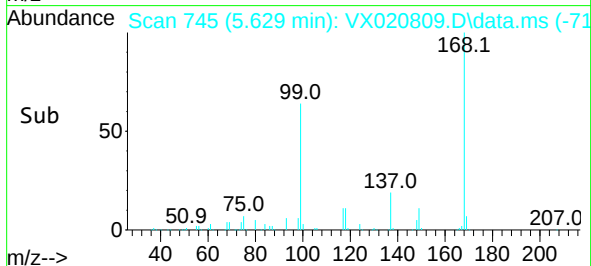
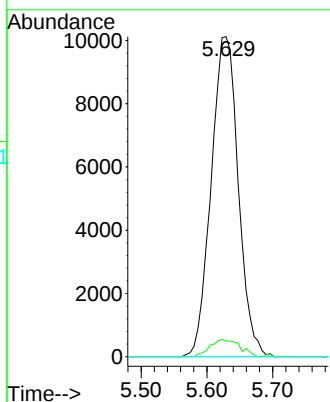


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

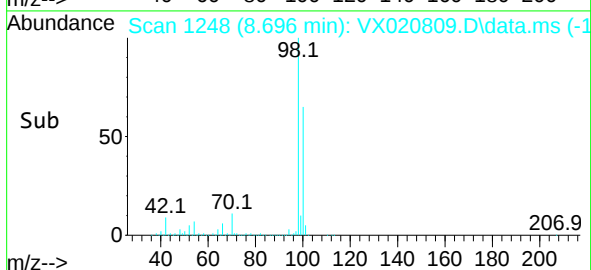
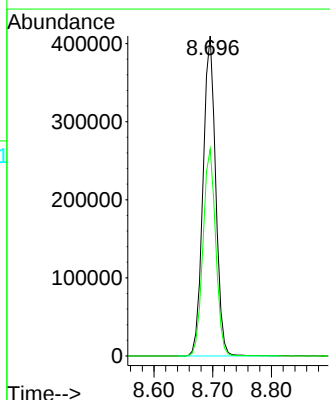
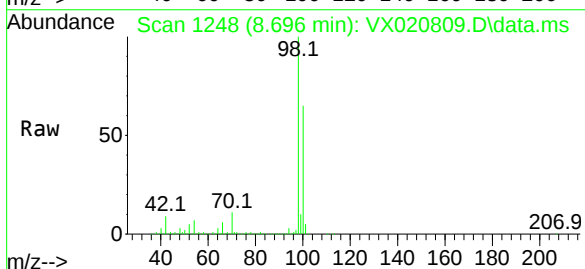


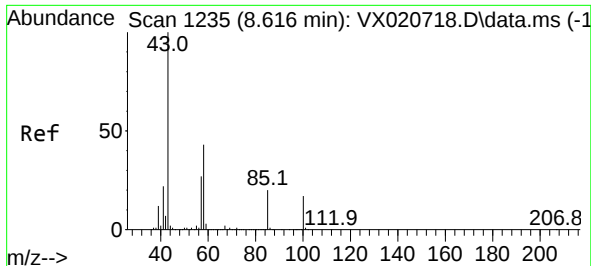
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

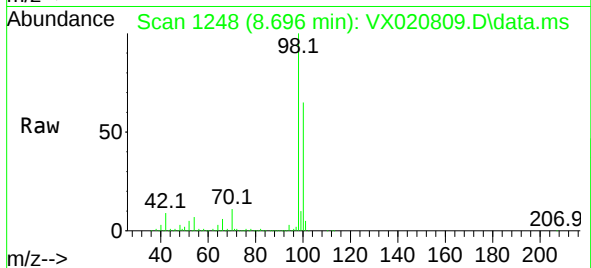
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9



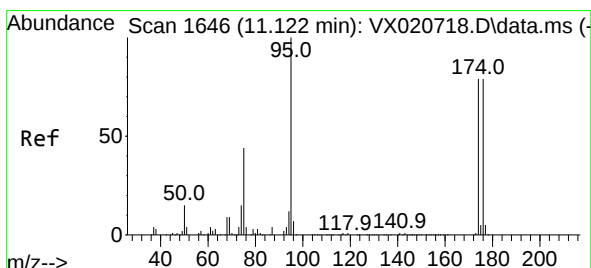
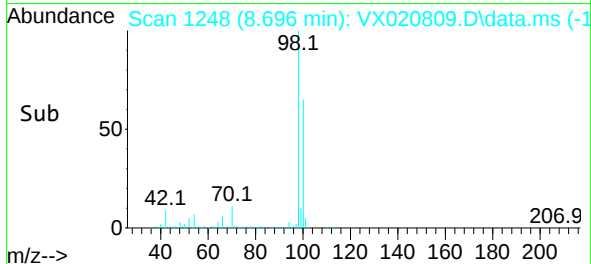
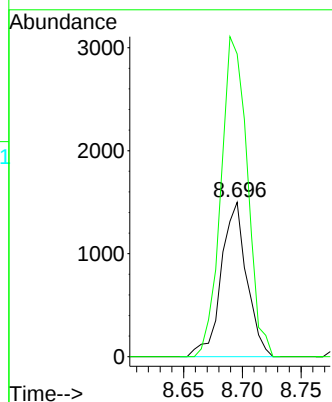


#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

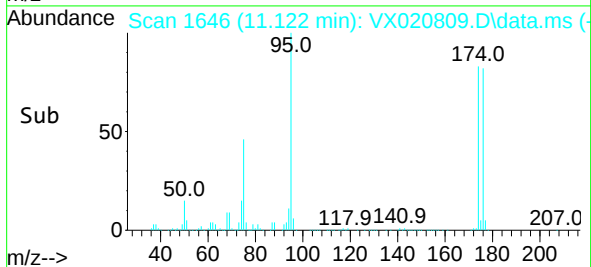
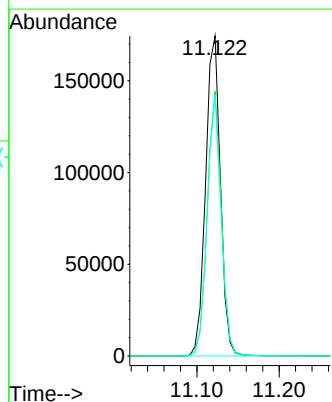
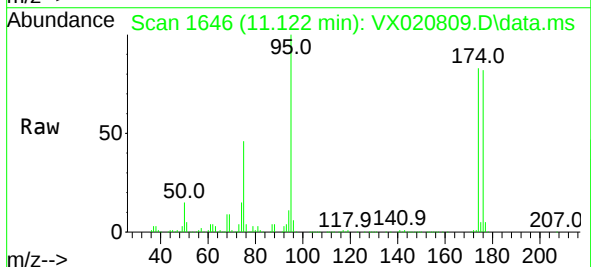


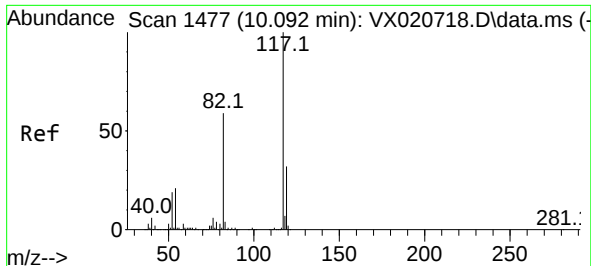
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 214.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 95 Resp: 217933
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 76.8 0.0 155.8

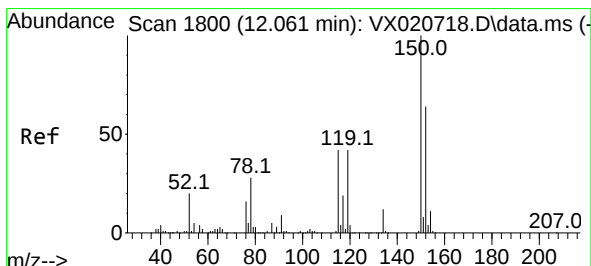
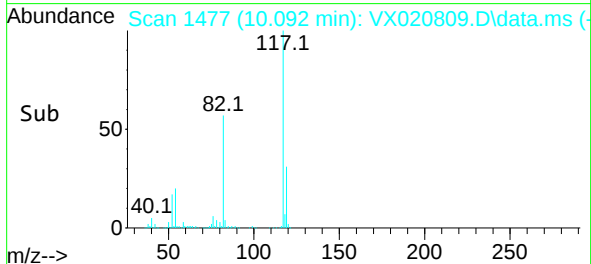
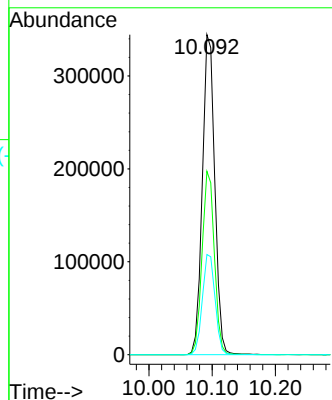
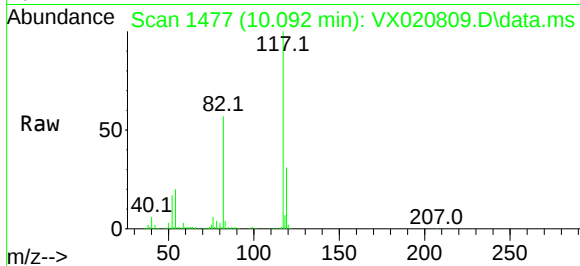




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

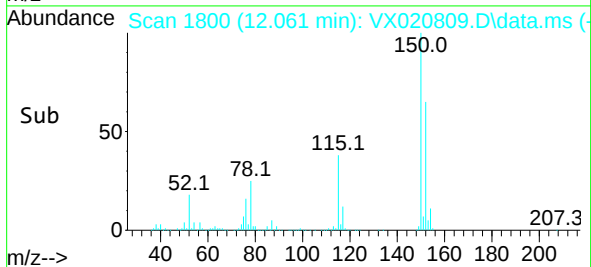
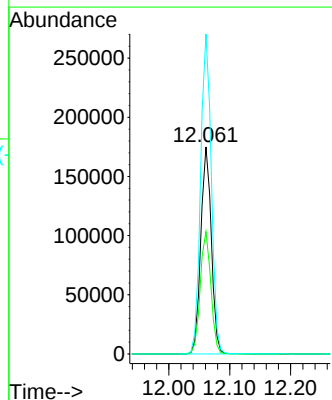
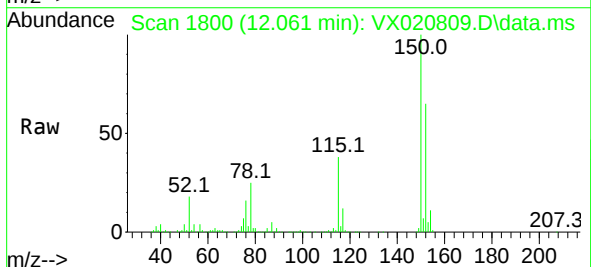
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

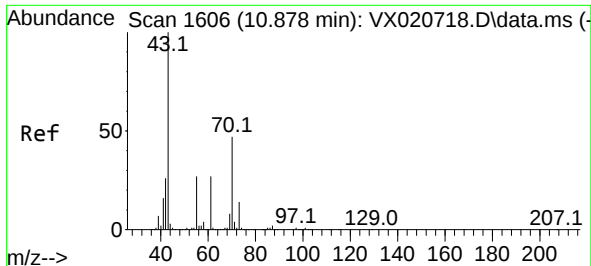
Tgt Ion:117 Resp: 471937
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

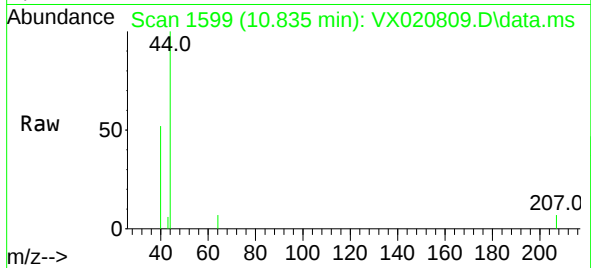
Tgt Ion:152 Resp: 210058
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.2 0.0 349.0



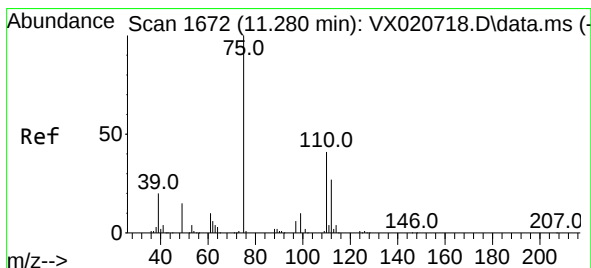
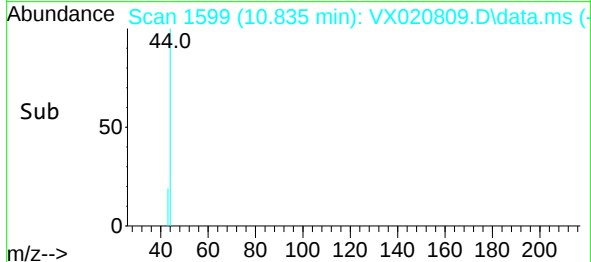
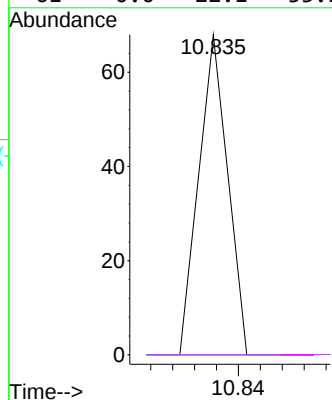


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.835 min Scan# 1599
Delta R.T. -0.043 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

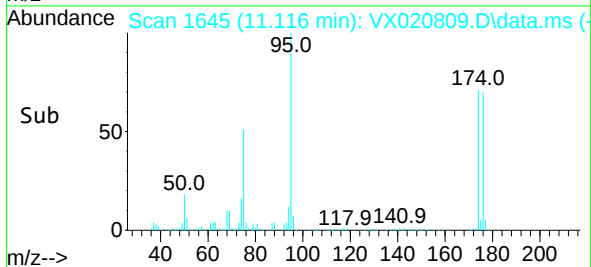
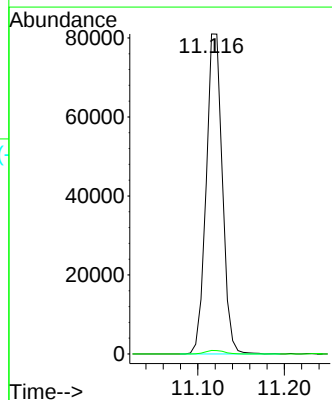
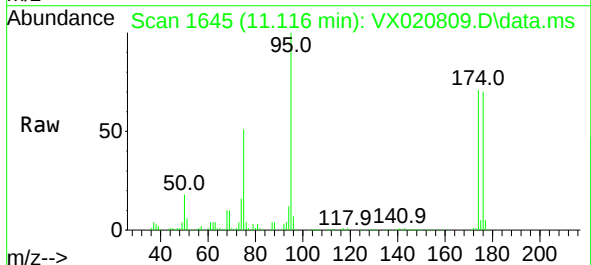


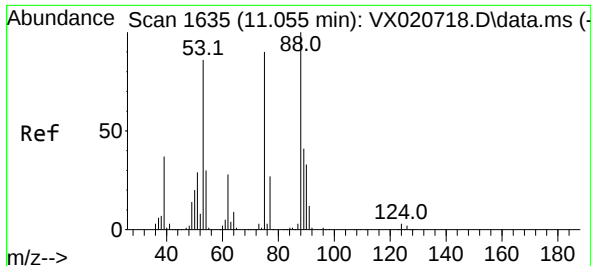
Tgt Ion: 43	Resp: 25
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.56 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 75	Resp: 105033
Ion Ratio	Lower Upper
75	100
77	1.3 19.1 57.5#

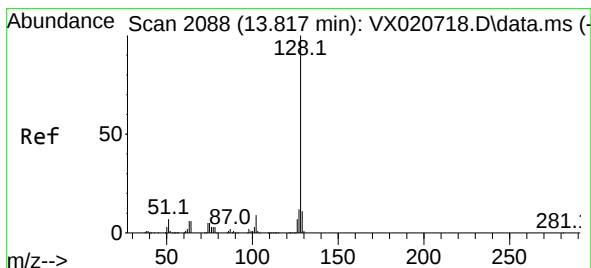
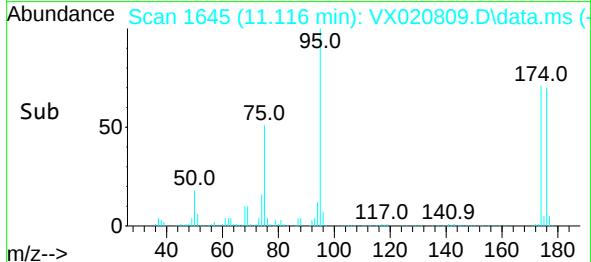
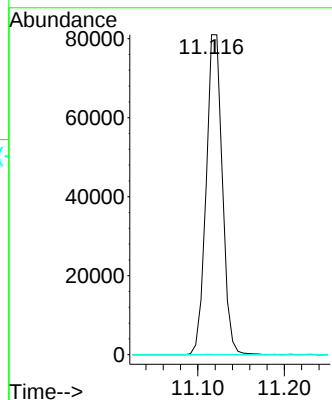
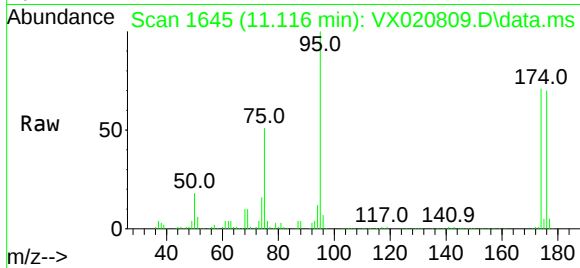




#81
trans-1,4-Dichloro-2-butene
Concen: 60.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 105033
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020809.D
Acq: 29 Jan 2021 17:57

Tgt Ion: 128 Resp: 105
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

