

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020856.D
 Acq On : 04 Feb 2021 10:54
 Operator : JC/MD
 Sample : VX0204WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 05 01:36:38 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)

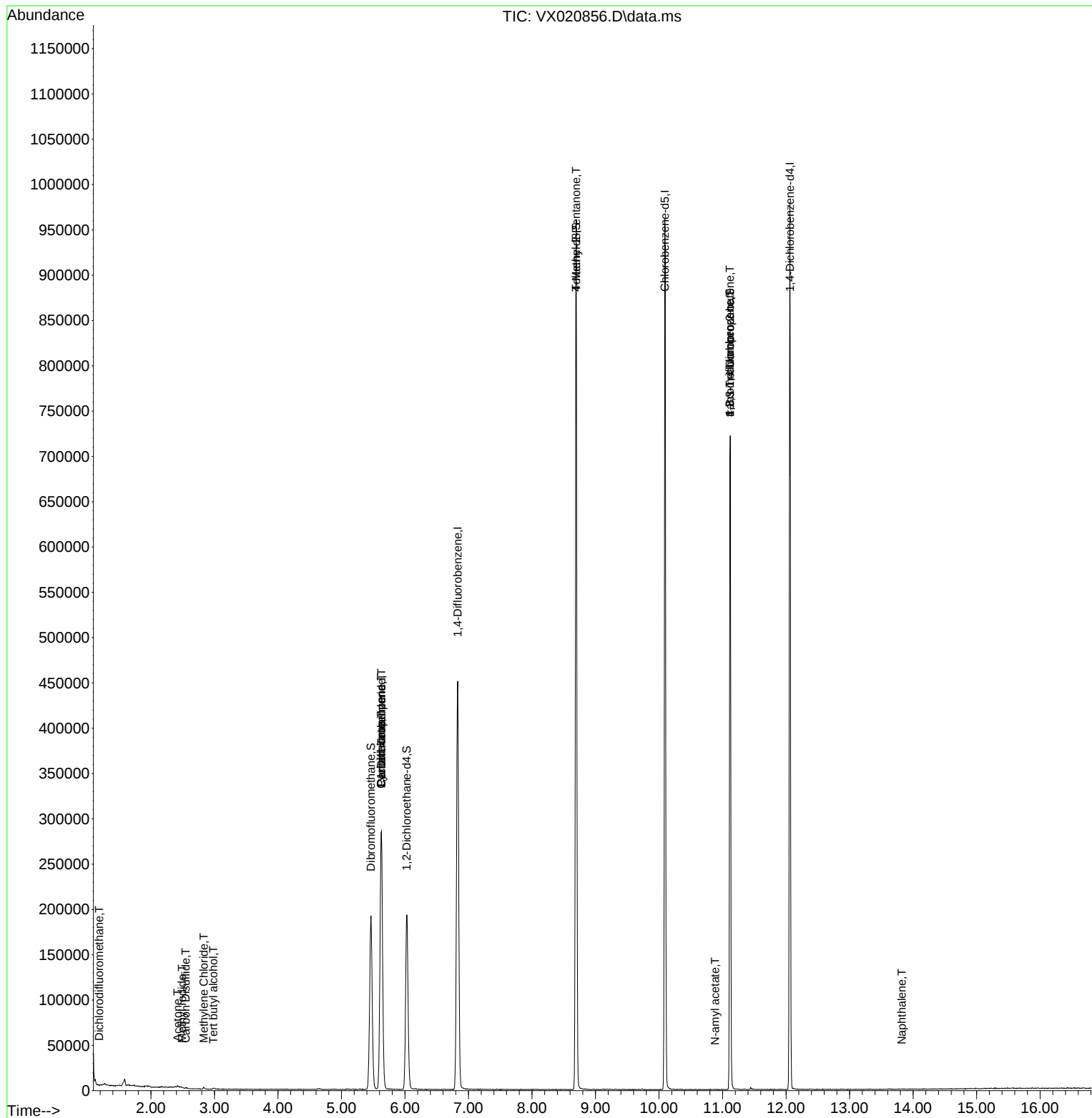
Internal Standards						
1) Pentafluorobenzene	5.629	168	268204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	463240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	449983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	189198	51.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.44%
35) Dibromofluoromethane	5.464	113	166280	52.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.80%
50) Toluene-d8	8.696	98	567209	48.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.52%
62) 4-Bromofluorobenzene	11.116	95	199249	44.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	53	1.21	ug/l #	42
10) Methyl Iodide	2.489	142	881	0.24	ug/l #	93
11) Tert butyl alcohol	2.983	59	800	1.17	ug/l #	73
16) Acetone	2.416	43	1092	0.79	ug/l #	76
17) Carbon Disulfide	2.544	76	886	1.01	ug/l #	86
20) Methylene Chloride	2.831	84	834	0.24	ug/l	93
31) Cyclohexane	5.623	56	5181	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20227	4.35	ug/l #	49
38) Carbon Tetrachloride	5.629	117	27865	5.70	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1927	0.43	ug/l #	1
74) N-amyl acetate	10.884	43	30	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	97700	21.29	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	97700	59.67	ug/l #	12
95) Naphthalene	13.823	128	309	2.89	ug/l #	69

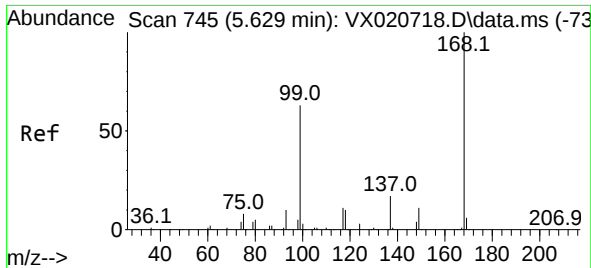
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Feb 05 01:36:38 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

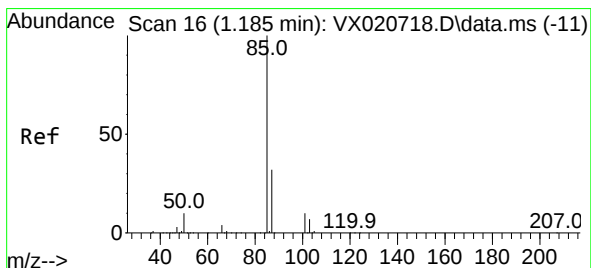
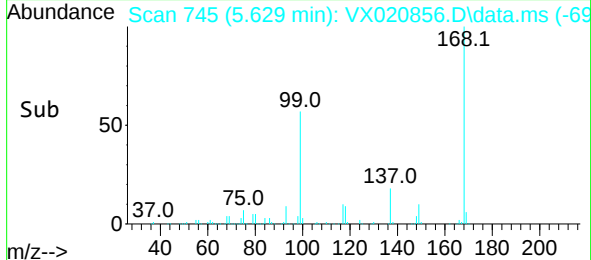
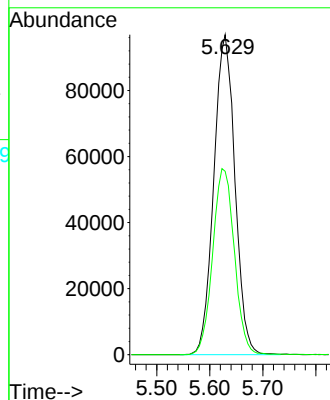
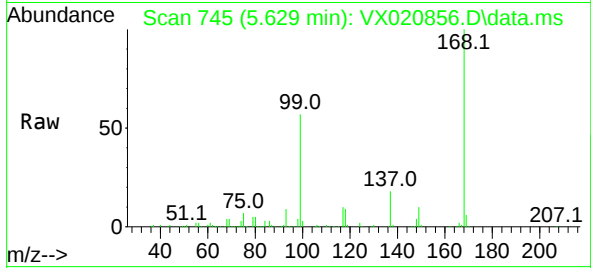




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

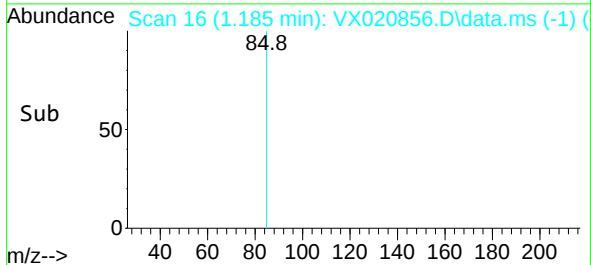
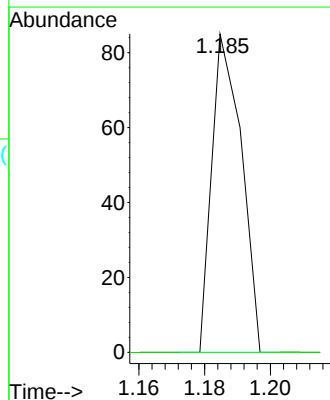
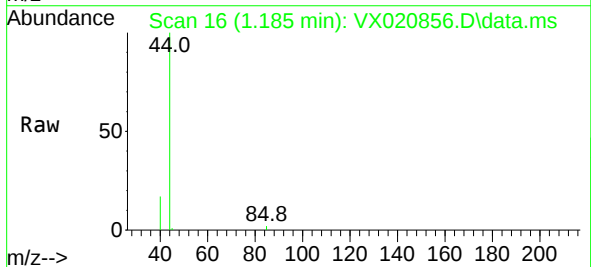
Instrument :
MSVOA_X
ClientSampled :

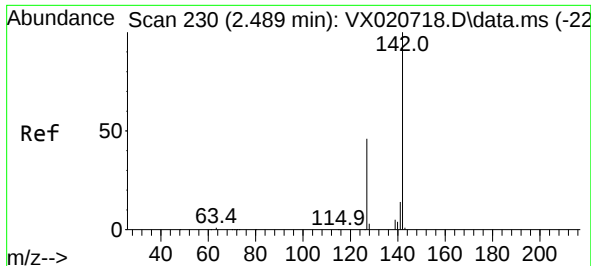
Tgt Ion:168 Resp: 268204
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.21 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

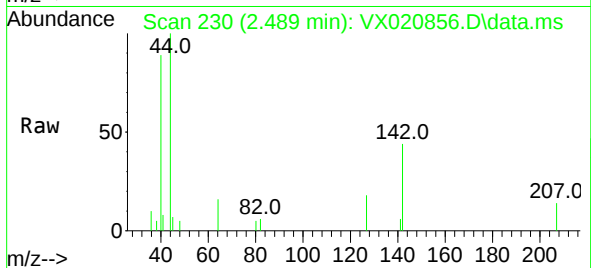
Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#



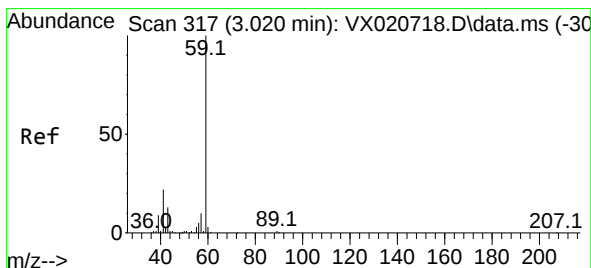
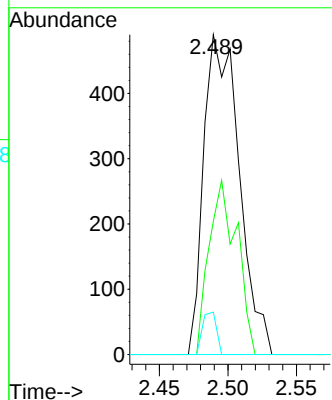
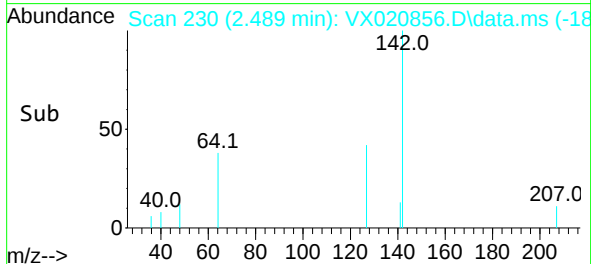


#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

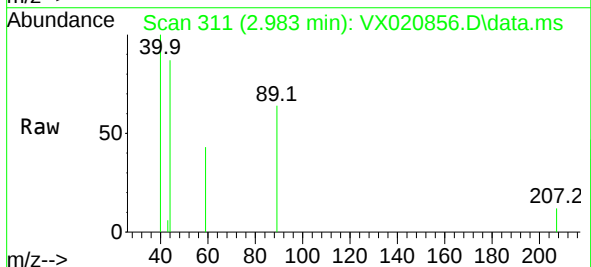
Instrument :
MSVOA_X
ClientSampled :



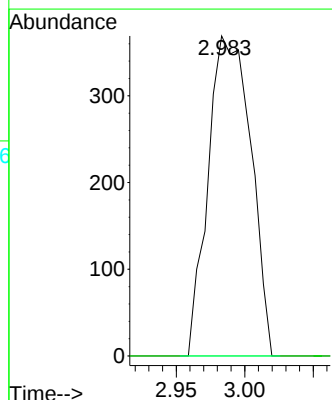
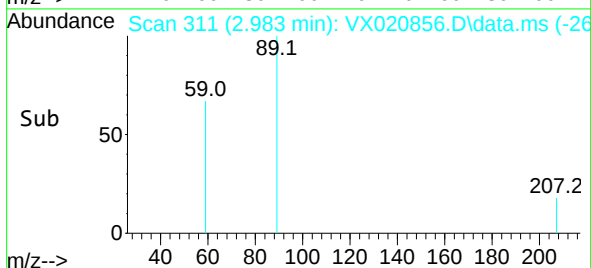
Tgt Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
127 43.0 33.3 49.9
141 5.2 11.4 17.0#

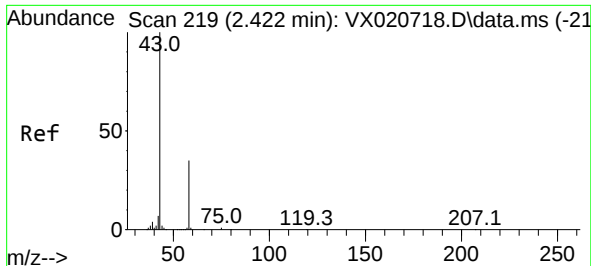


#11
Tert butyl alcohol
Concen: 1.17 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.037 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54



Tgt Ion: 59 Resp: 800
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

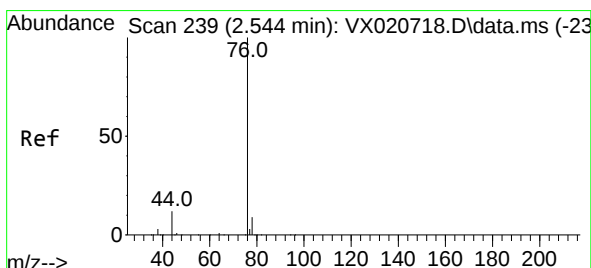
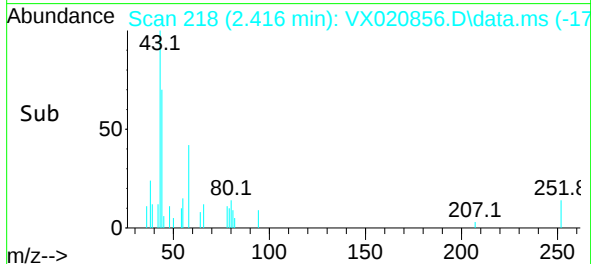
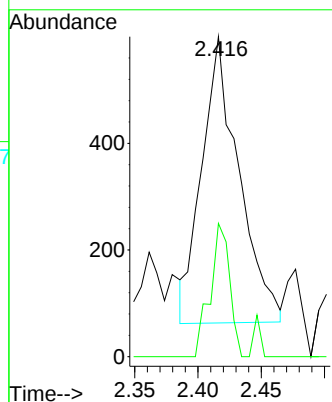
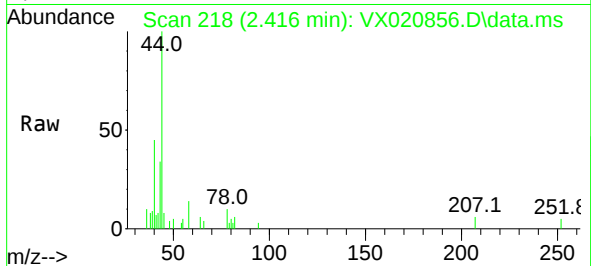




#16
Acetone
Concen: 0.79 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

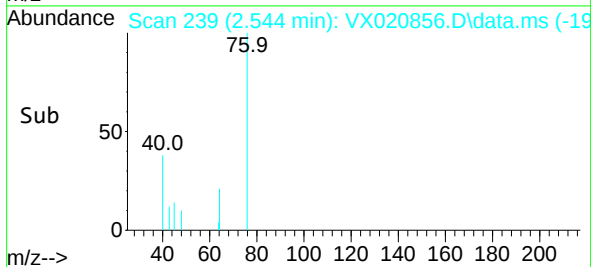
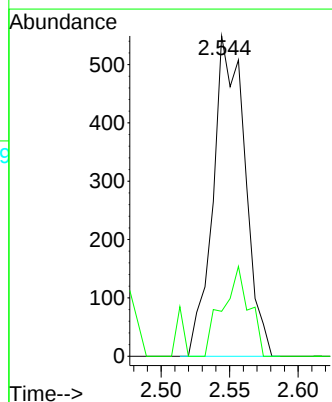
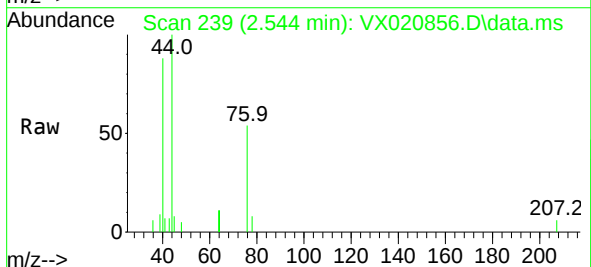
Instrument :
MSVOA_X
ClientSampled :

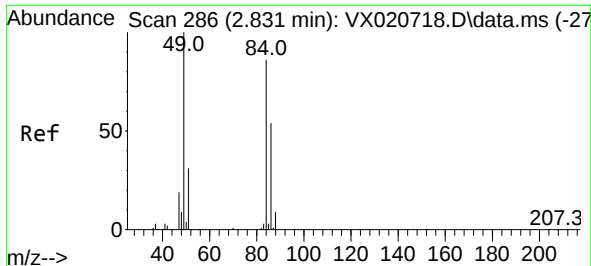
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 48.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 1.01 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

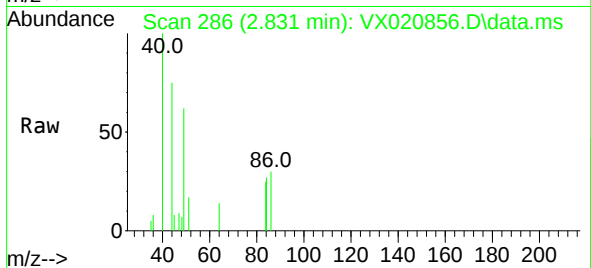
Tgt Ion: 76 Resp: 886
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#





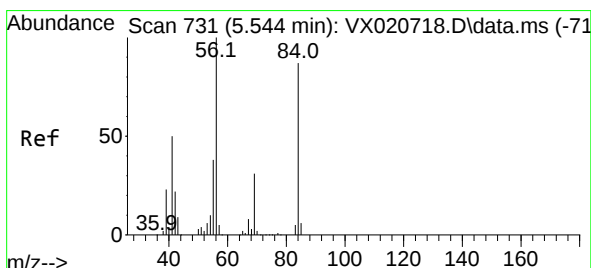
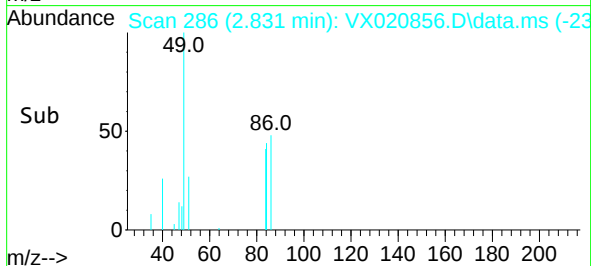
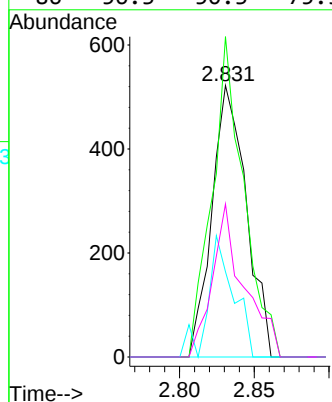
#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Instrument :
MSVOA_X
ClientSampled :

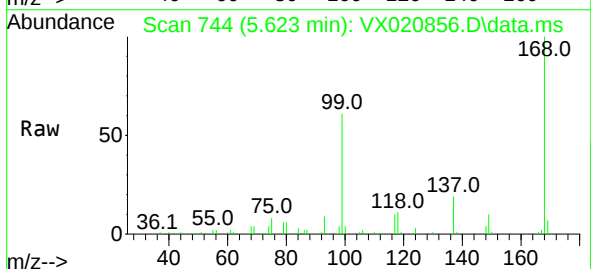


Tgt Ion: 84 Resp: 834

Ion	Ratio	Lower	Upper
84	100		
49	118.0	88.6	132.8
51	31.4	27.0	40.6
86	56.3	50.3	75.5

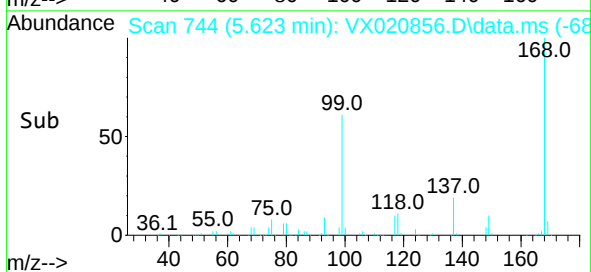
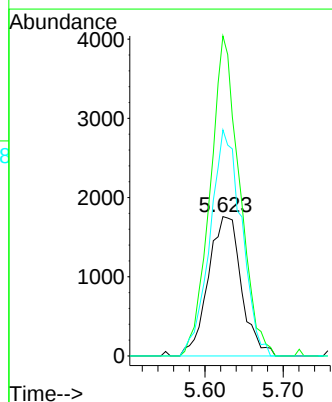


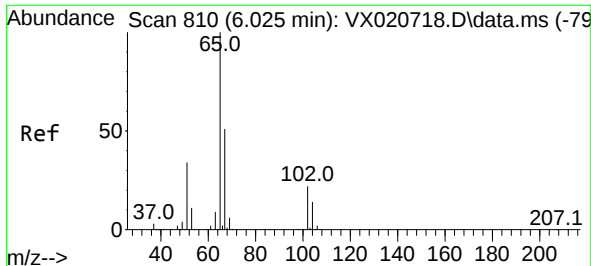
#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54



Tgt Ion: 56 Resp: 5181

Ion	Ratio	Lower	Upper
56	100		
69	229.6	25.3	37.9#
84	162.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.72 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020856.D

Acq: 04 Feb 2021 10:54

Tgt Ion: 65 Resp: 189198

Ion Ratio Lower Upper

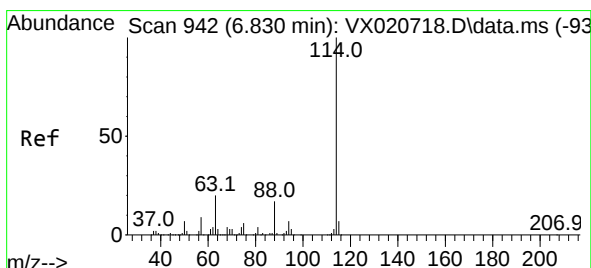
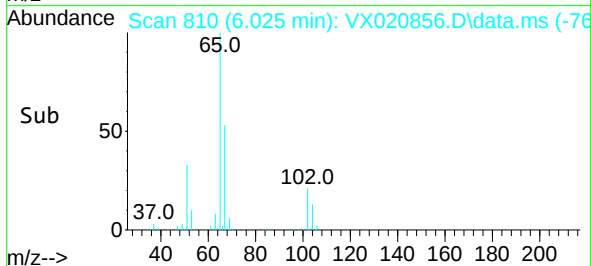
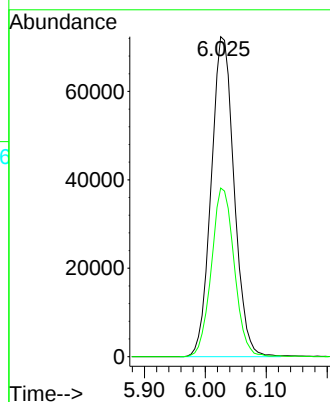
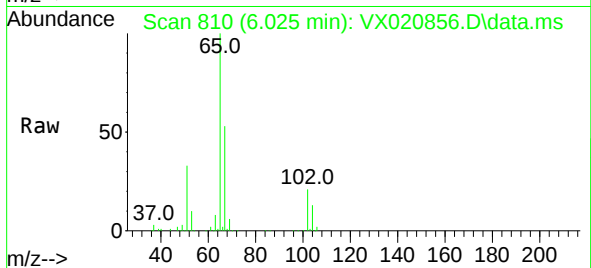
65 100

67 52.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020856.D

Acq: 04 Feb 2021 10:54

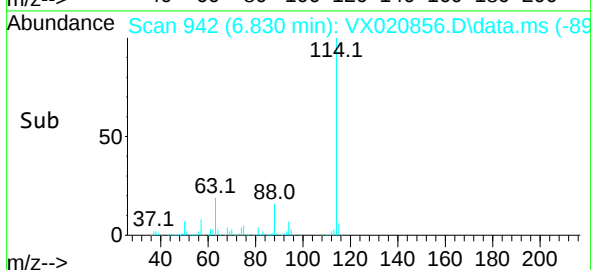
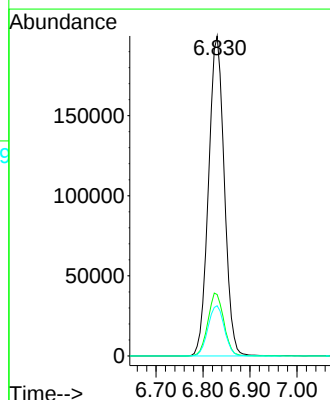
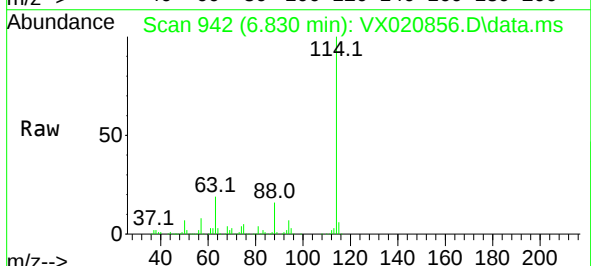
Tgt Ion: 114 Resp: 463240

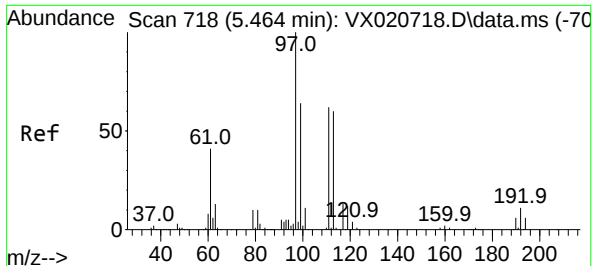
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 15.7 0.0 32.8

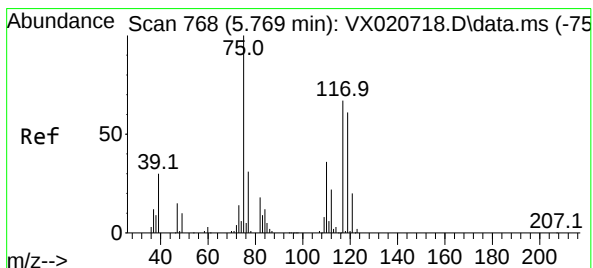
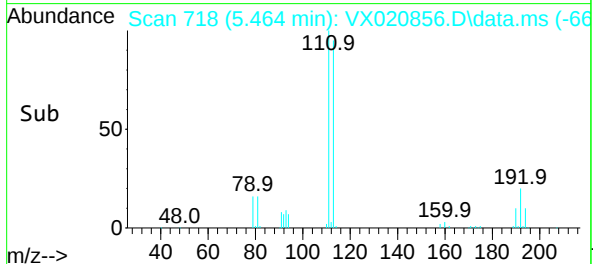
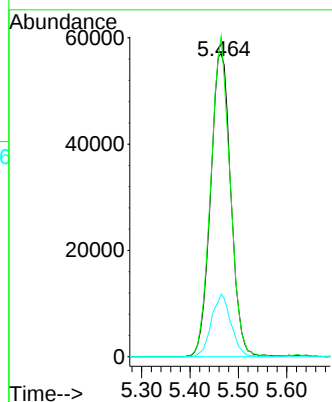
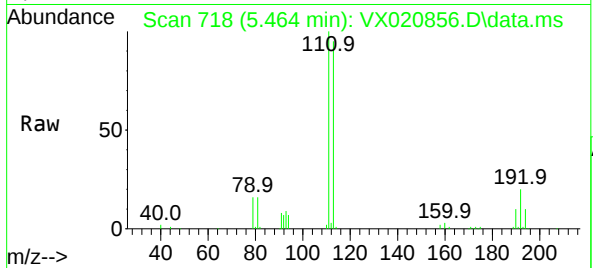




#35
Dibromofluoromethane
Concen: 52.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

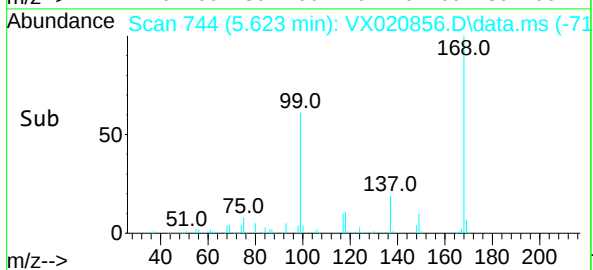
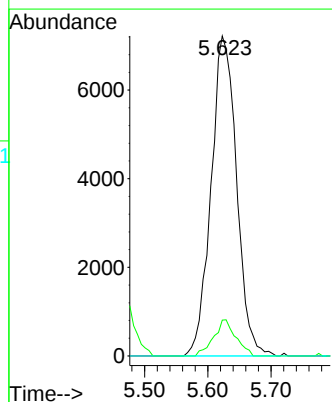
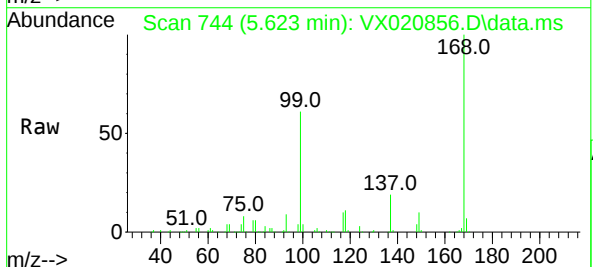
Instrument :
MSVOA_X
ClientSampleId :

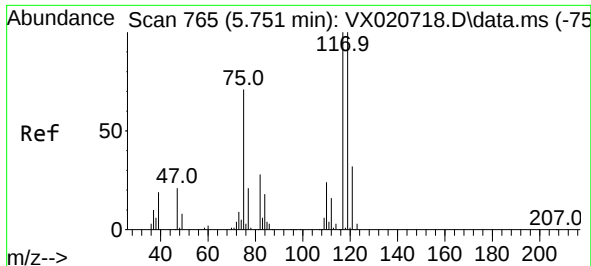
Tgt Ion:113 Resp: 166280
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

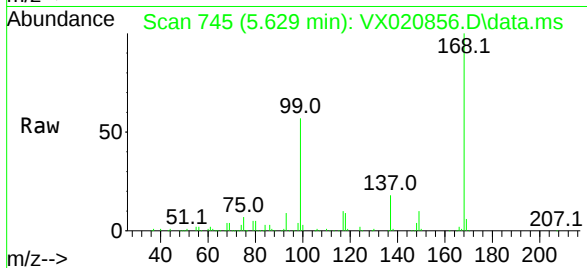
Tgt Ion: 75 Resp: 20227
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



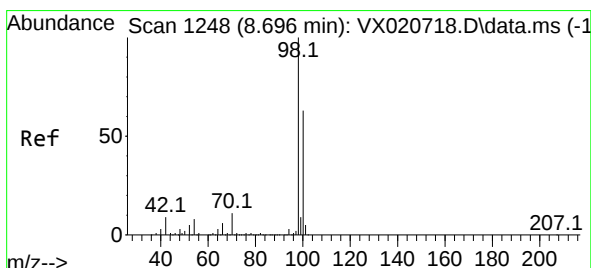
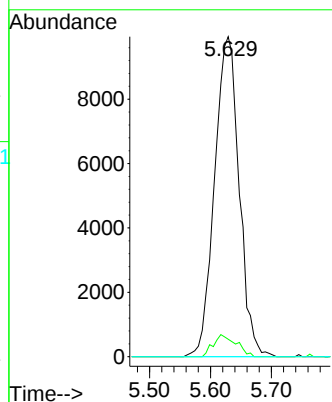
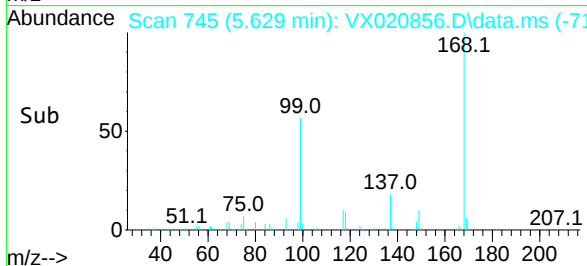


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

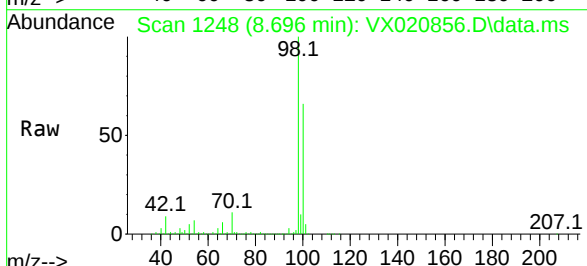
Instrument :
MSVOA_X
ClientSampled :



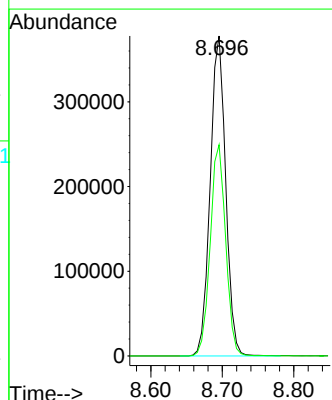
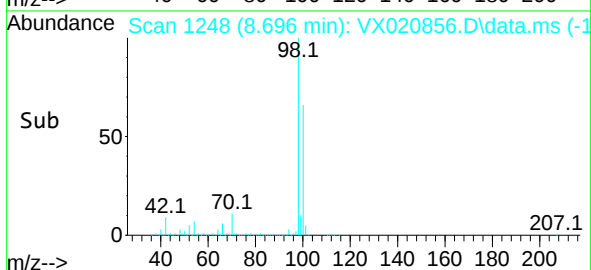
Tgt Ion:117 Resp: 27865
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

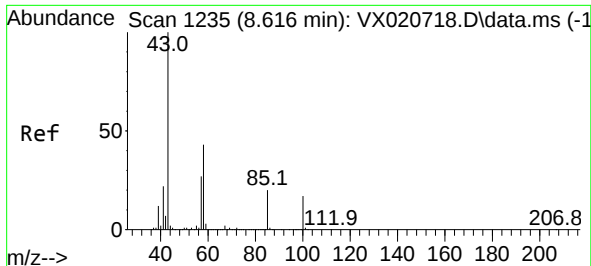


#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54



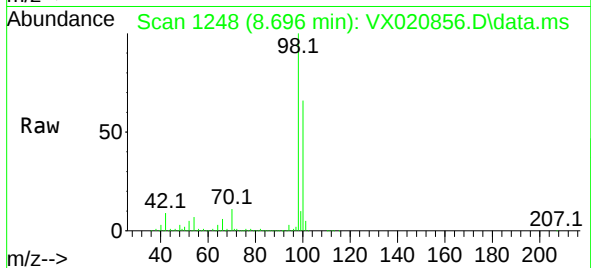
Tgt Ion: 98 Resp: 567209
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



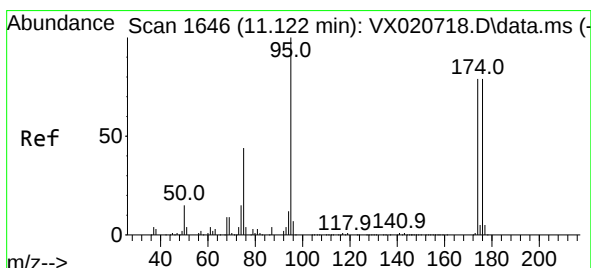
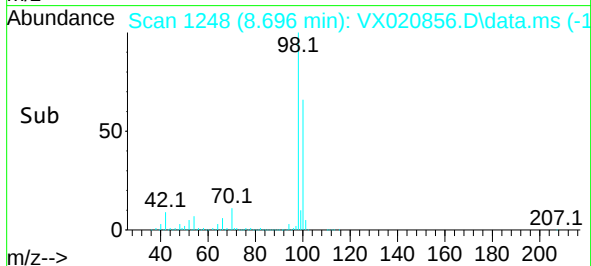
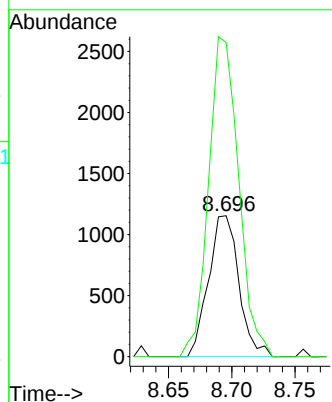


#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Instrument :
MSVOA_X
ClientSampled :

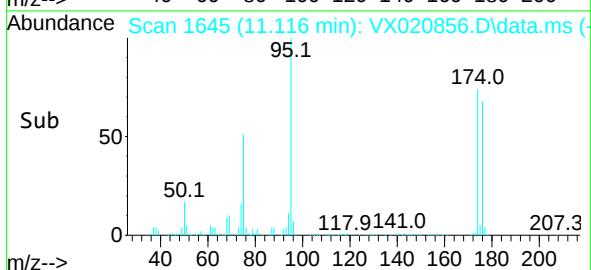
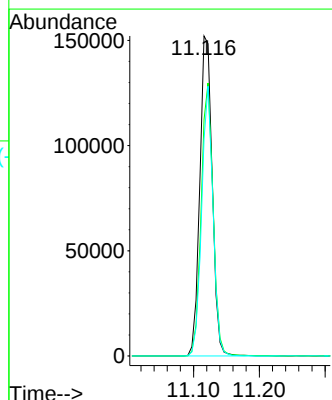
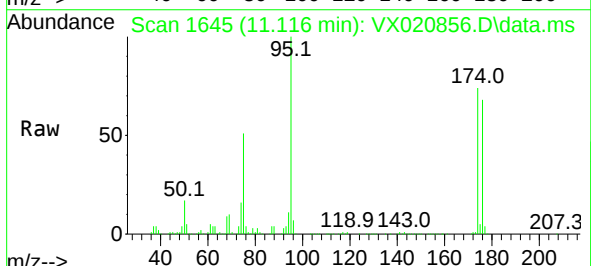


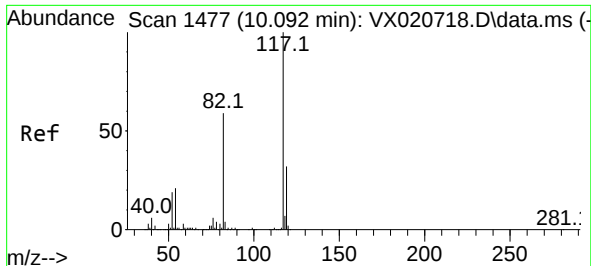
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 225.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Tgt Ion: 95 Resp: 199249
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 77.3 0.0 155.8

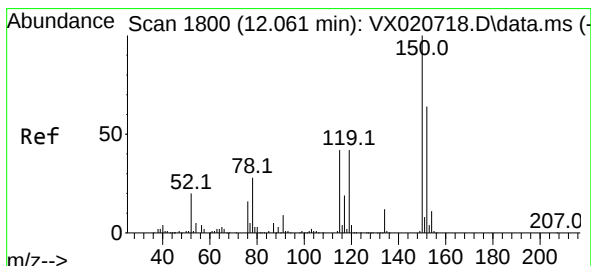
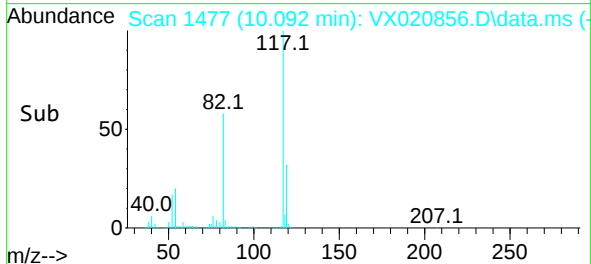
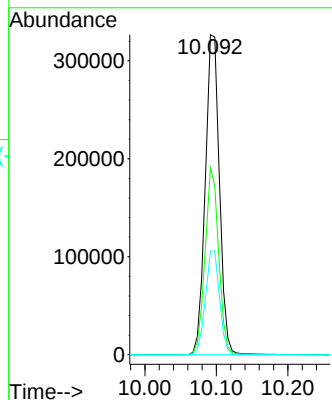
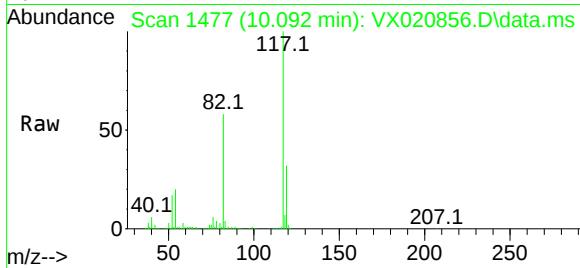




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

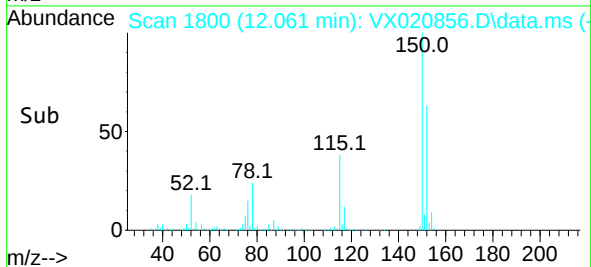
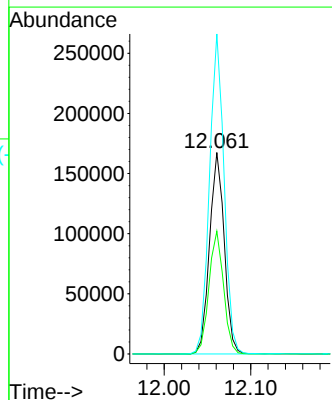
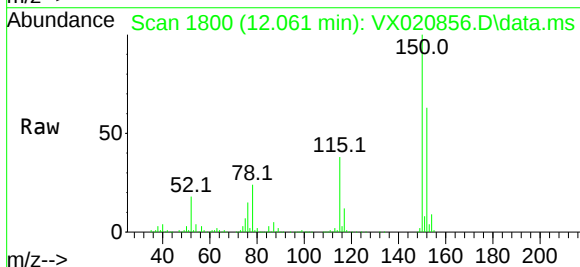
Instrument :
MSVOA_X
ClientSampleId :

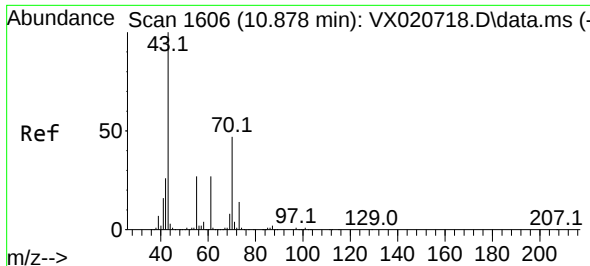
Tgt Ion:117 Resp: 449983
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

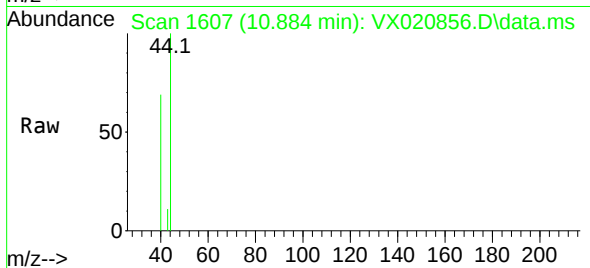
Tgt Ion:152 Resp: 197841
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.9 0.0 349.0



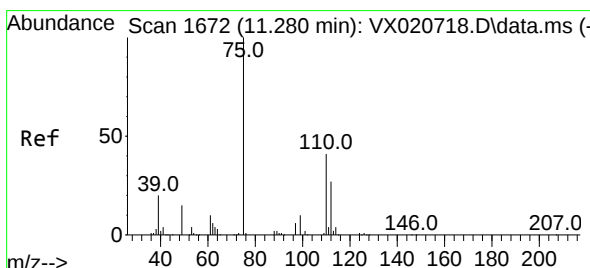
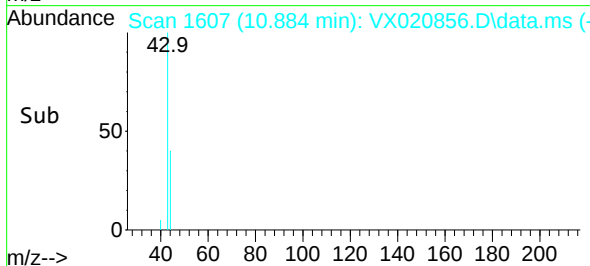
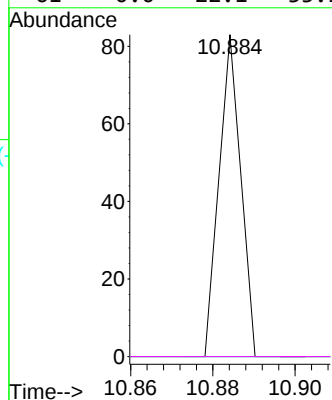


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Instrument :
MSVOA_X
ClientSampled :

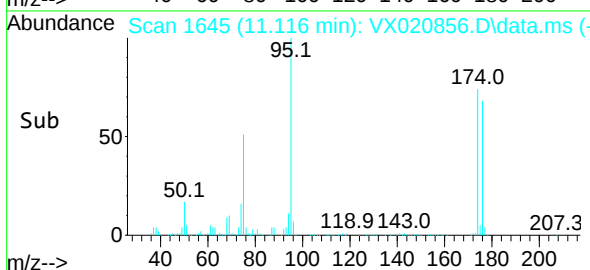
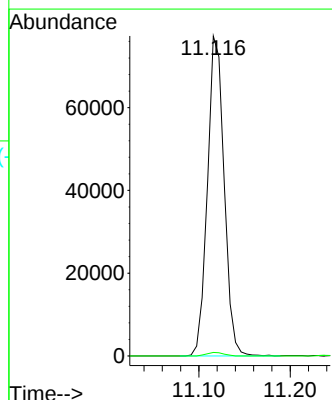
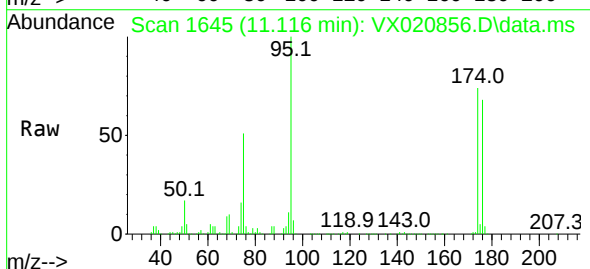


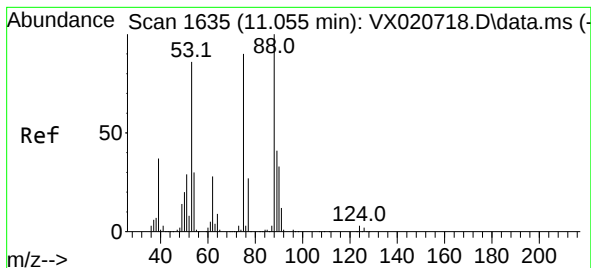
Tgt Ion: 43 Resp: 30
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.29 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Tgt Ion: 75 Resp: 97700
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

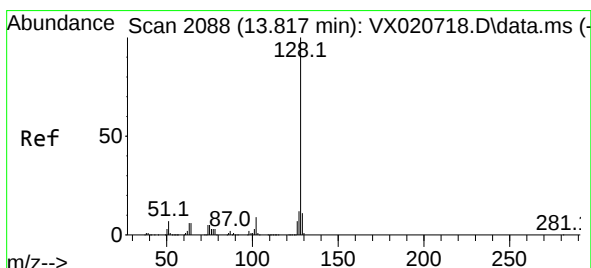
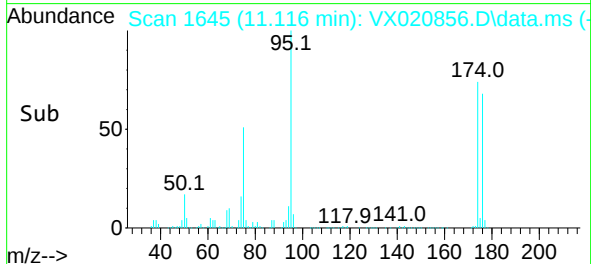
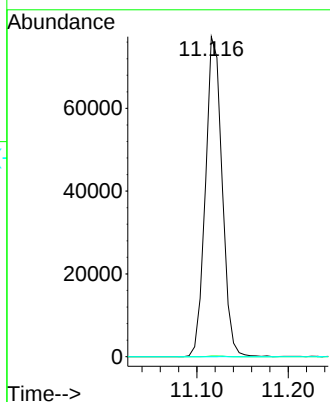
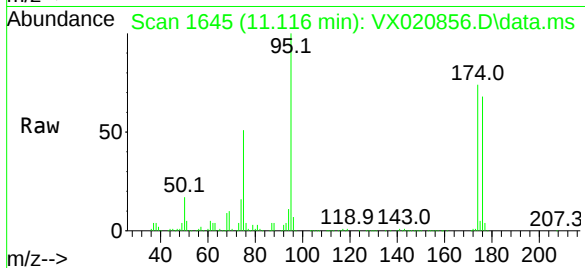




#81
trans-1,4-Dichloro-2-butene
Concen: 59.67 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 97700
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020856.D
Acq: 04 Feb 2021 10:54

Tgt Ion: 128 Resp: 309
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

