

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020873.D
 Acq On : 05 Feb 2021 17:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 01:06:55 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	278749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	475293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	468770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	213705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	188364	49.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.08%
35) Dibromofluoromethane	5.464	113	165827	50.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.88%
50) Toluene-d8	8.695	98	595052	49.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.72%
62) 4-Bromofluorobenzene	11.122	95	215340	46.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.92%

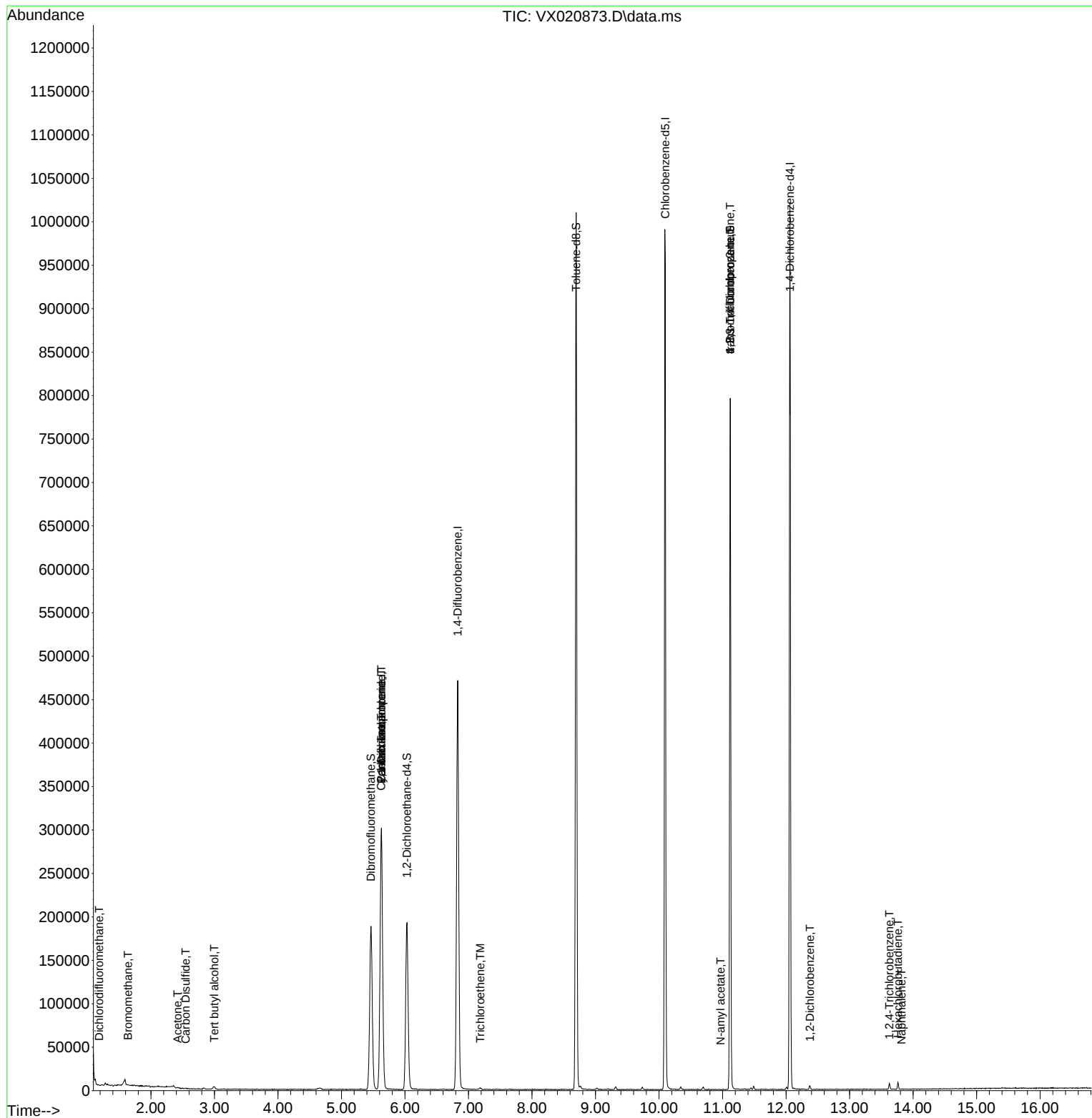
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	132	1.23	ug/l #	42
5) Bromomethane	1.636	94	700	0.37	ug/l	95
11) Tert butyl alcohol	2.995	59	1900	2.68	ug/l #	73
16) Acetone	2.416	43	1255	0.87	ug/l #	86
17) Carbon Disulfide	2.544	76	700	0.98	ug/l #	75
31) Cyclohexane	5.623	56	5198	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21391	4.48	ug/l #	50
38) Carbon Tetrachloride	5.629	117	29182	5.82	ug/l #	19
44) Trichloroethene	7.184	130	775	0.21	ug/l	69
74) N-amyl acetate	10.969	43	19	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	104741	21.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104741	59.22	ug/l #	12
91) 1,2-Dichlorobenzene	12.378	146	1426	0.21	ug/l	98
93) 1,2,4-Trichlorobenzene	13.628	180	1739	0.39	ug/l	88
94) Hexachlorobutadiene	13.762	225	1094	0.52	ug/l	91
95) Naphthalene	13.817	128	185	2.88	ug/l #	69

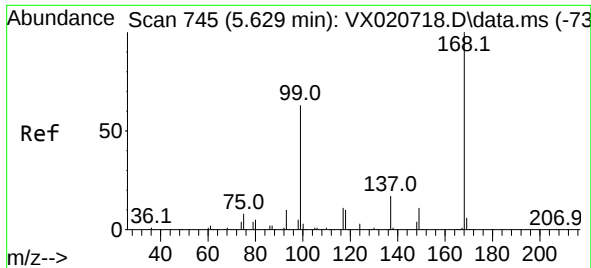
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

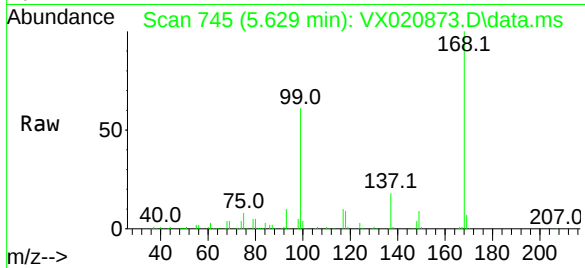
Quant Time: Feb 06 01:06:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



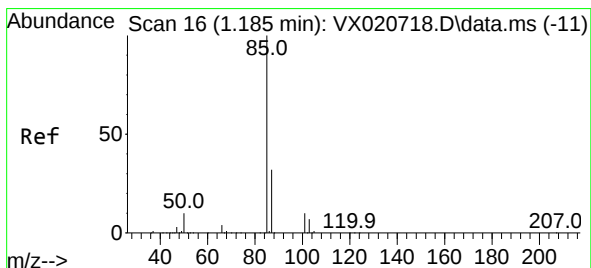
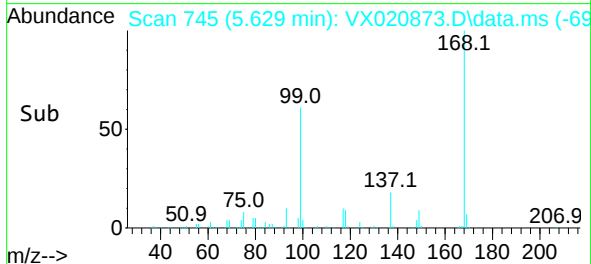
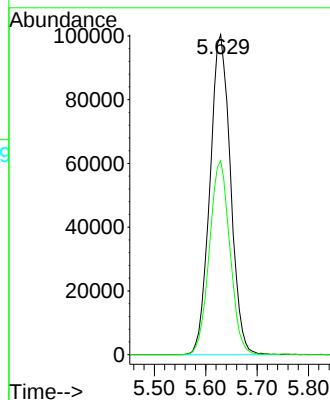


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Instrument :
MSVOA_X
ClientSampleId :

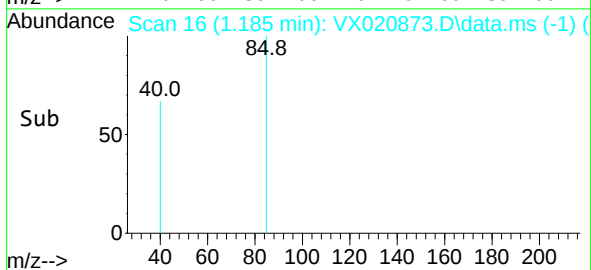
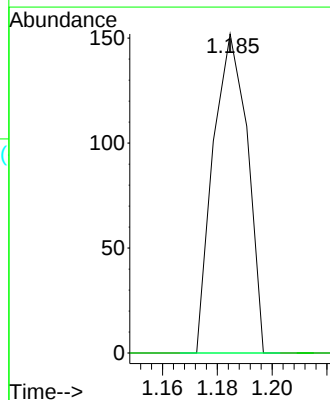
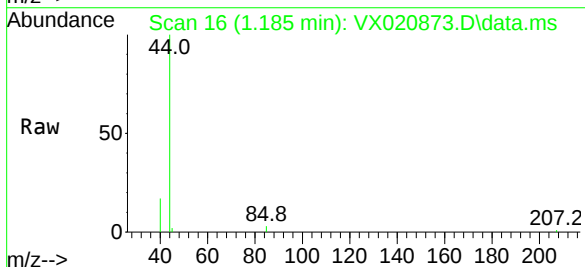


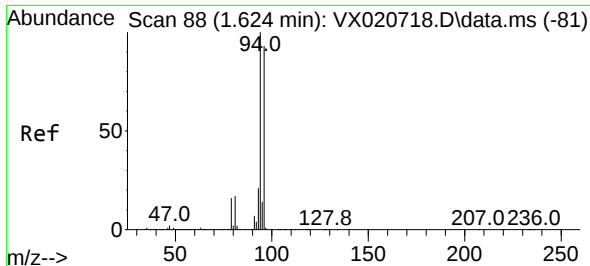
Tgt Ion:168 Resp: 278749
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.23 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 85 Resp: 132
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

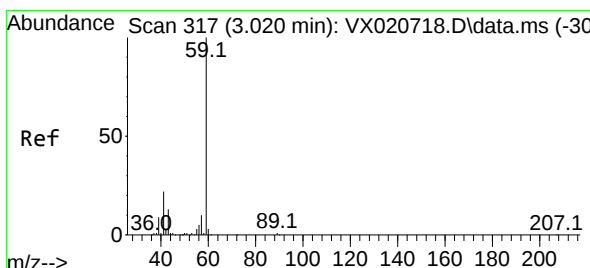
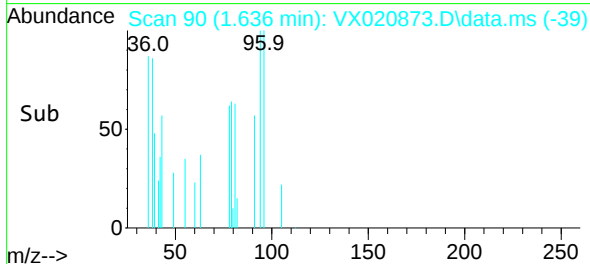
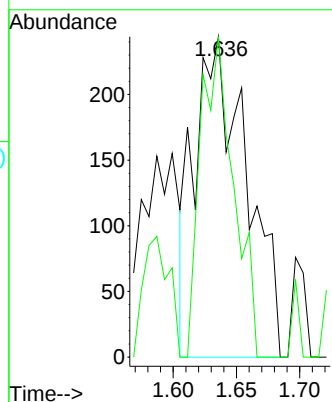
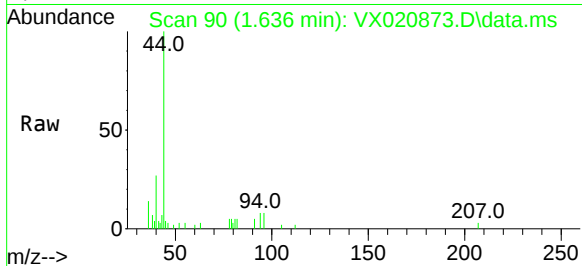




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

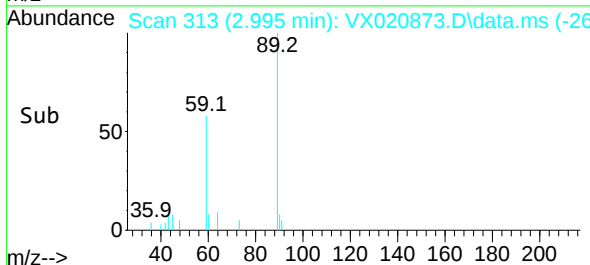
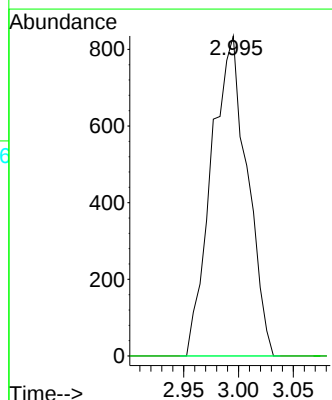
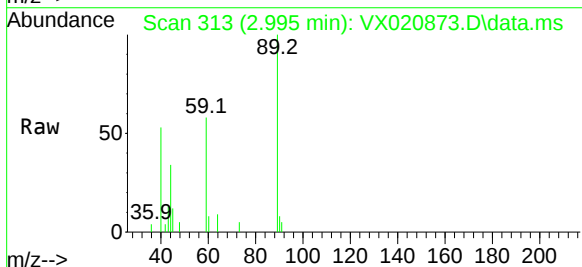
Instrument :
MSVOA_X
ClientSampled :

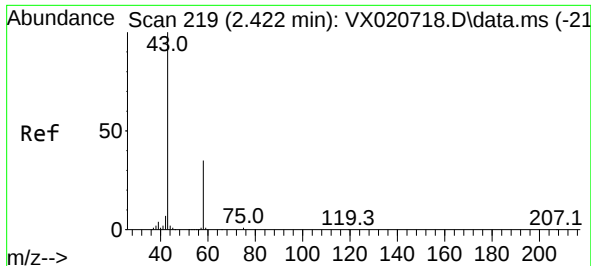
Tgt Ion: 94 Resp: 700
Ion Ratio Lower Upper
94 100
96 100.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.68 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 59 Resp: 1900
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

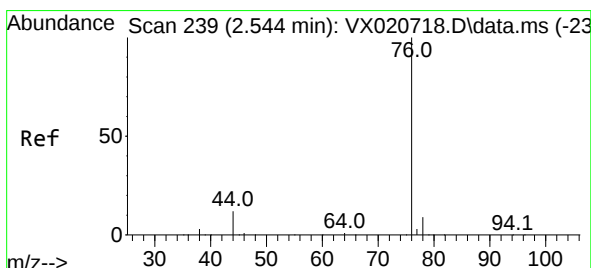
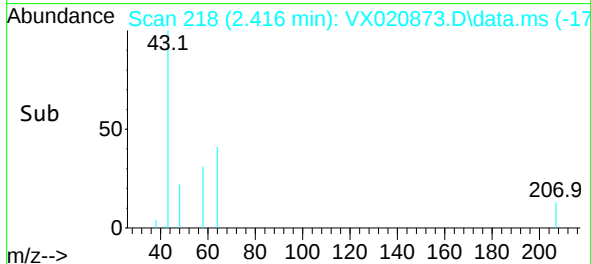
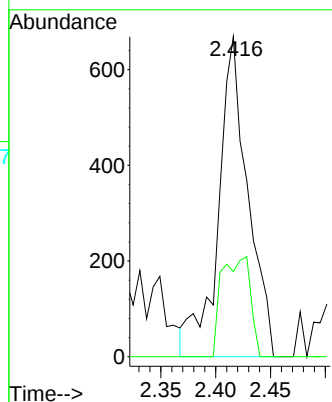
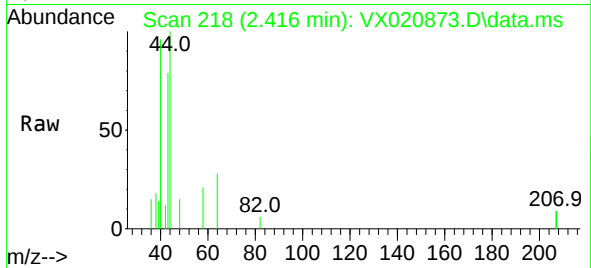




#16
Acetone
Concen: 0.87 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

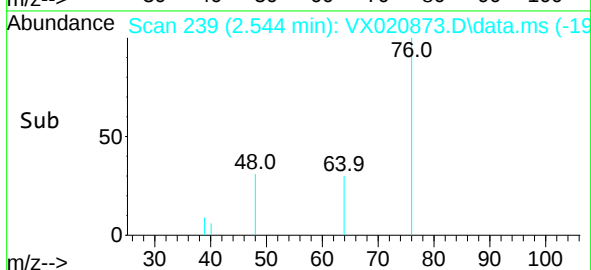
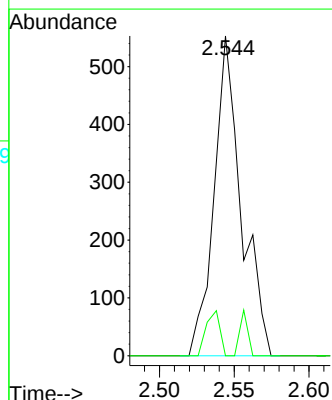
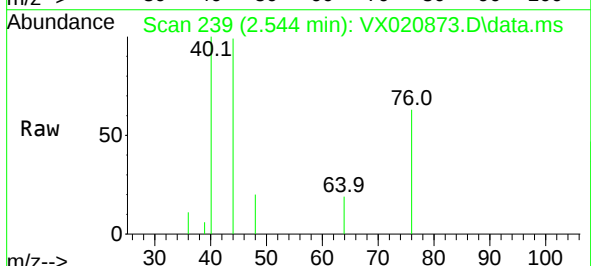
Instrument :
MSVOA_X
ClientSampleId :

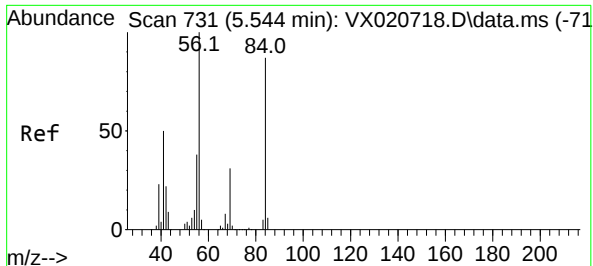
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.98 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

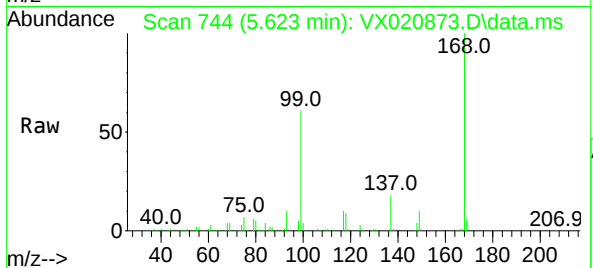
Tgt Ion: 76 Resp: 700
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



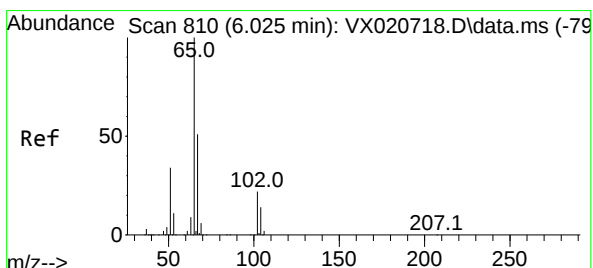
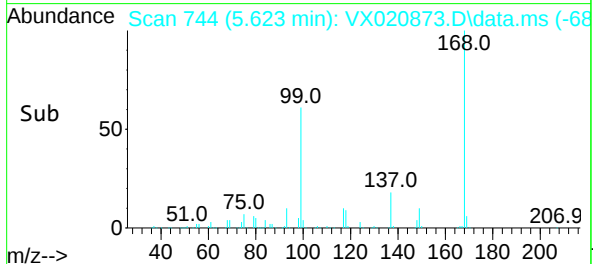
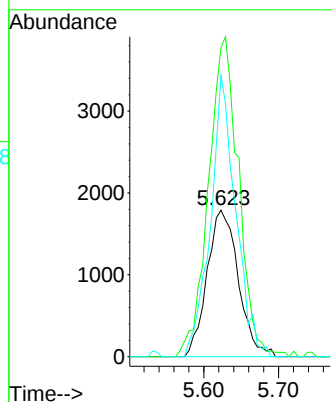


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Instrument :
MSVOA_X
ClientSampleId :

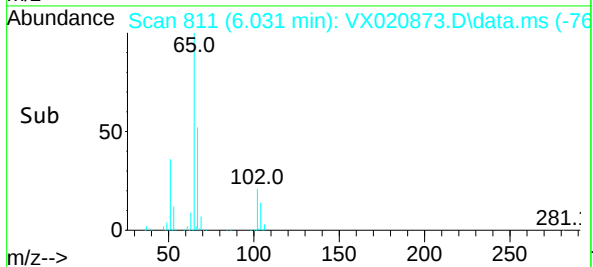
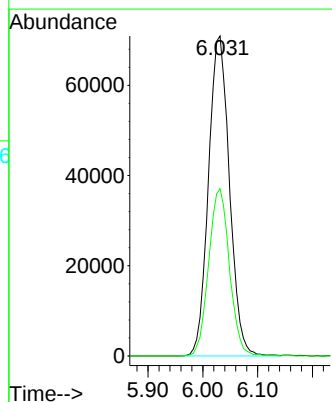
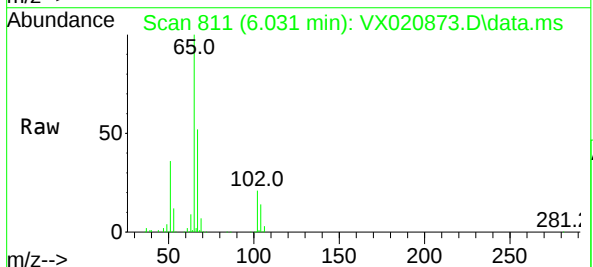


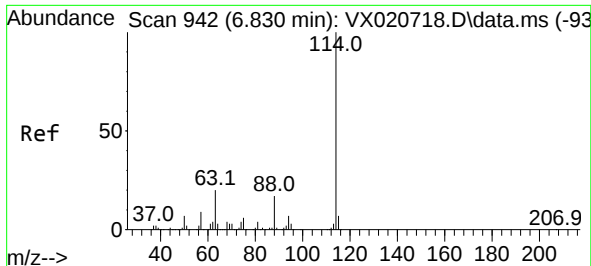
Tgt Ion: 56 Resp: 5198
Ion Ratio Lower Upper
56 100
69 208.4 25.3 37.9#
84 191.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.54 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 65 Resp: 188364
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

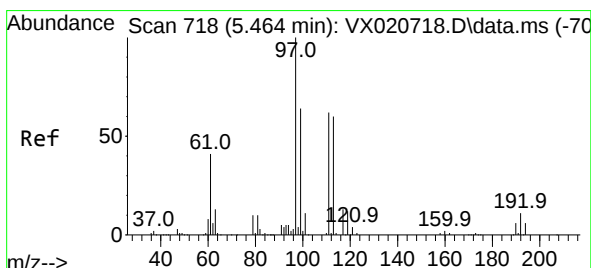
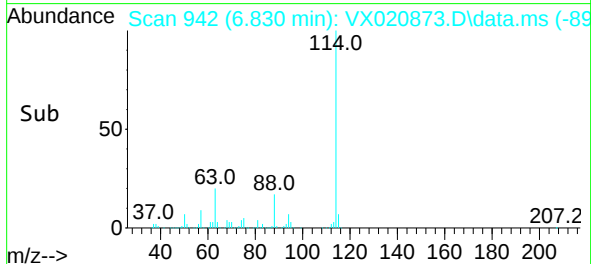
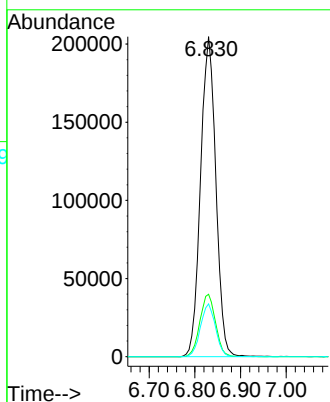
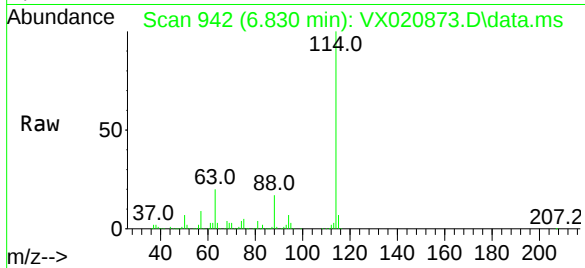




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

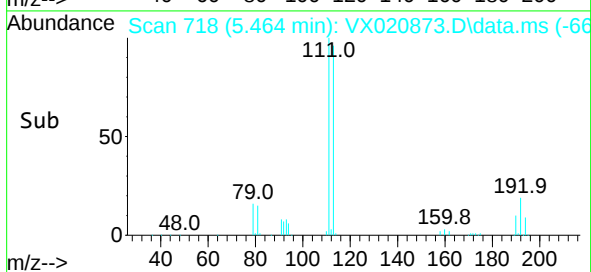
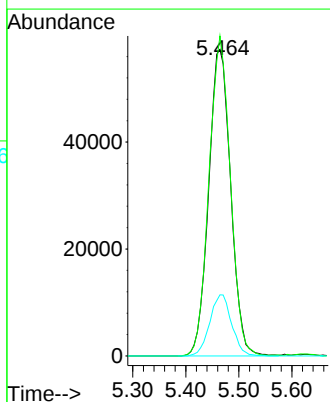
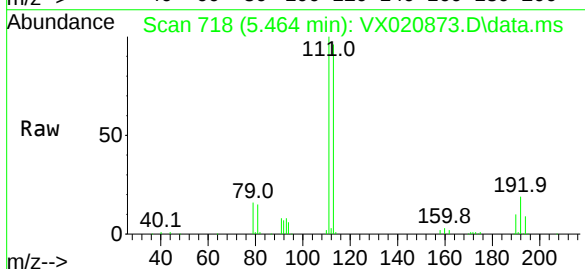
Instrument :
MSVOA_X
ClientSampleId :

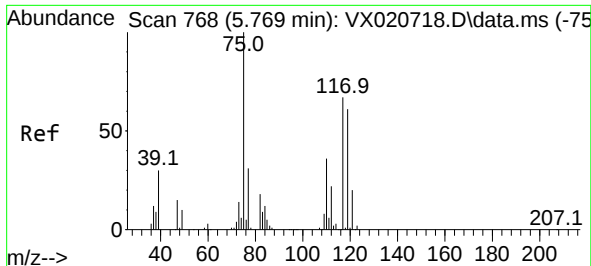
Tgt Ion:114 Resp: 475293
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.94 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

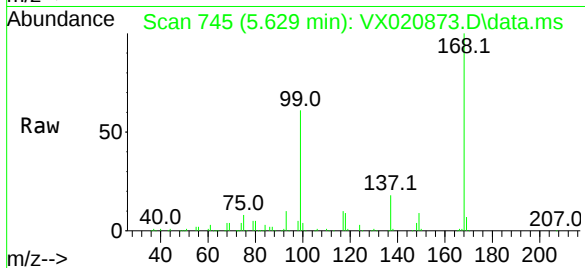
Tgt Ion:113 Resp: 165827
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.8 16.7 25.1



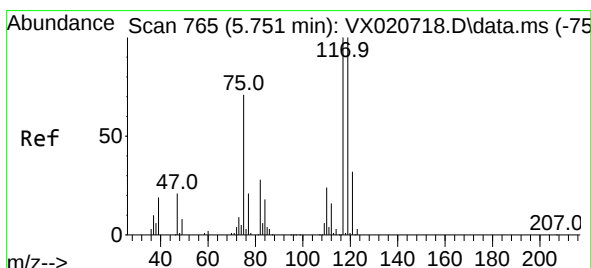
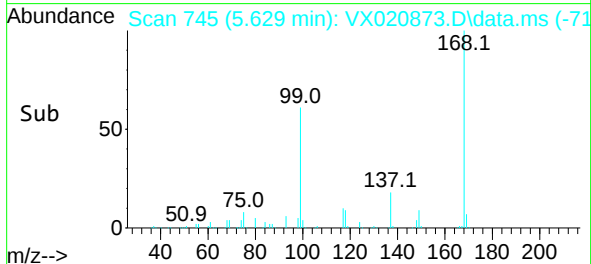
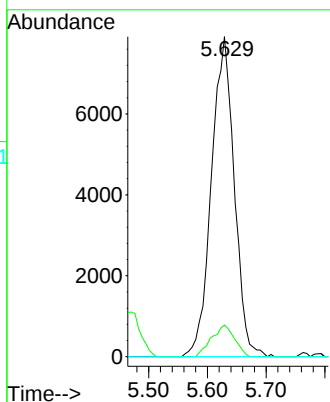


#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Instrument :
MSVOA_X
ClientSampleId :

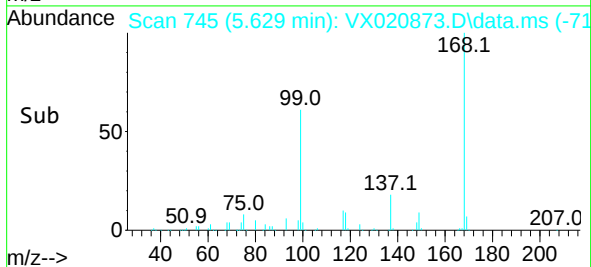
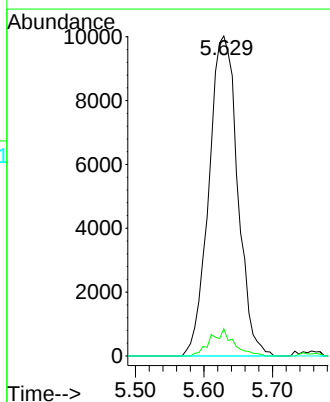
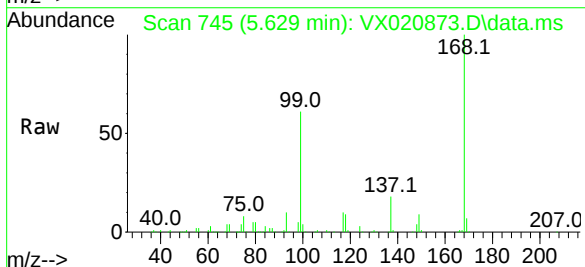


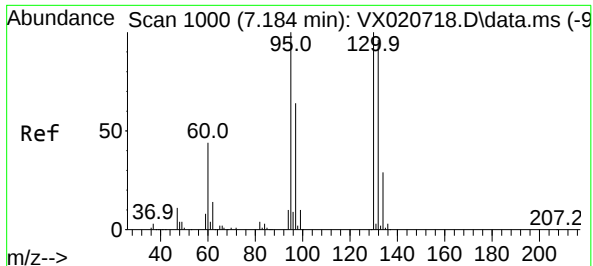
Tgt Ion: 75 Resp: 21391
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 117 Resp: 29182
Ion Ratio Lower Upper
117 100
119 8.5 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 0.21 ug/l

RT: 7.184 min Scan# 1000

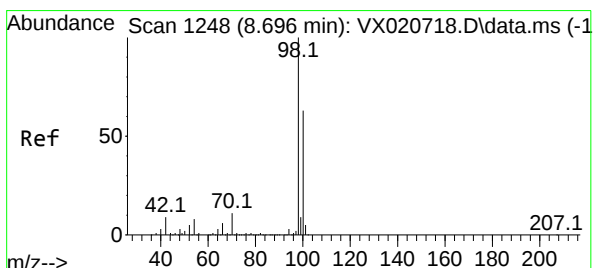
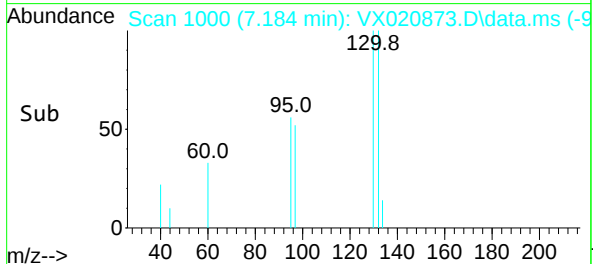
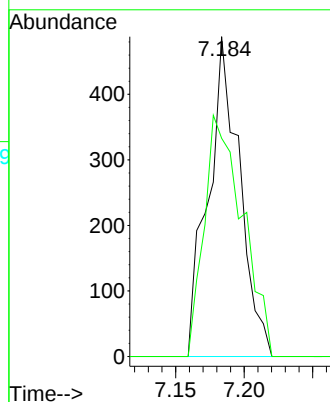
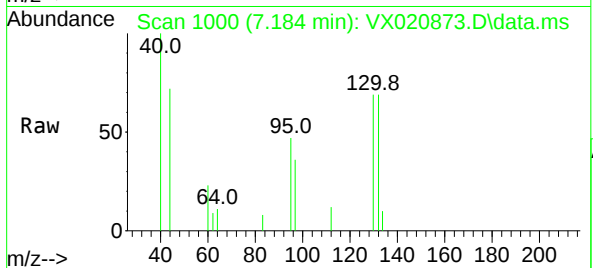
Delta R.T. -0.000 min

Lab File: VX020873.D

Acq: 05 Feb 2021 17:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:130 Resp: 775
Ion Ratio Lower Upper
130 100
95 68.2 0.0 198.0



#50

Toluene-d8

Concen: 49.86 ug/l

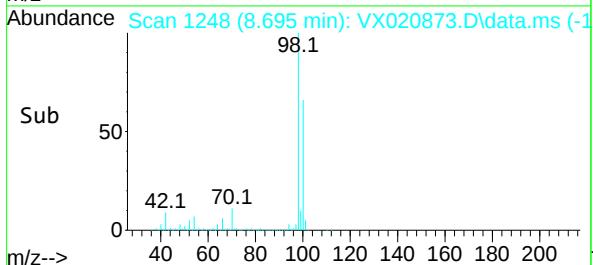
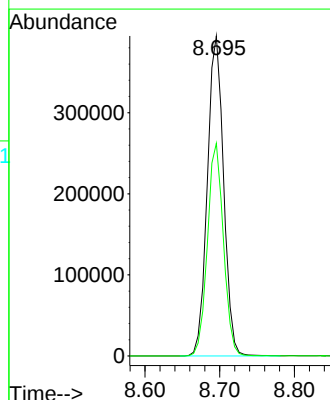
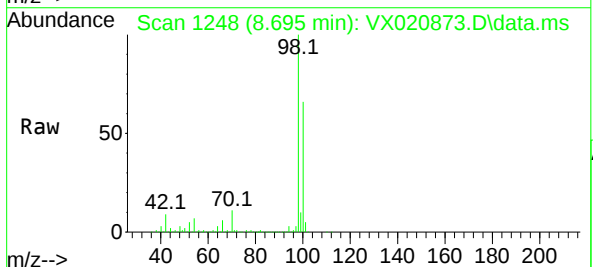
RT: 8.695 min Scan# 1248

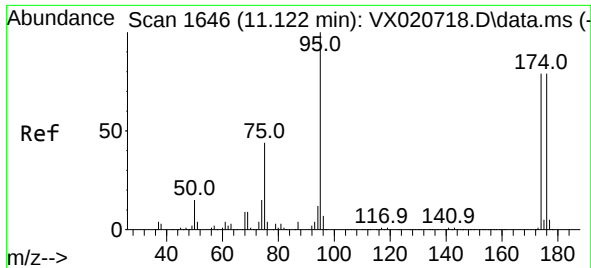
Delta R.T. -0.001 min

Lab File: VX020873.D

Acq: 05 Feb 2021 17:54

Tgt Ion: 98 Resp: 595052
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

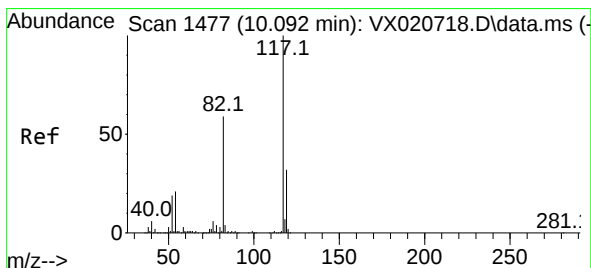
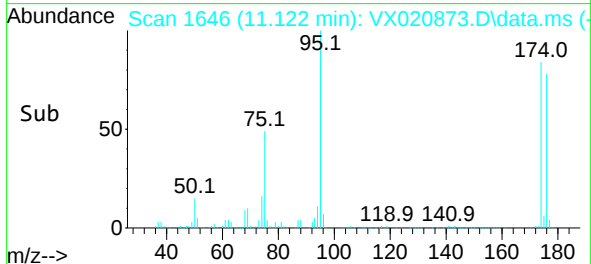
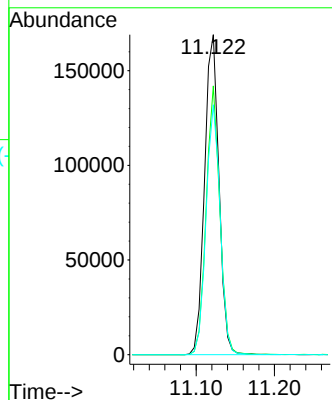
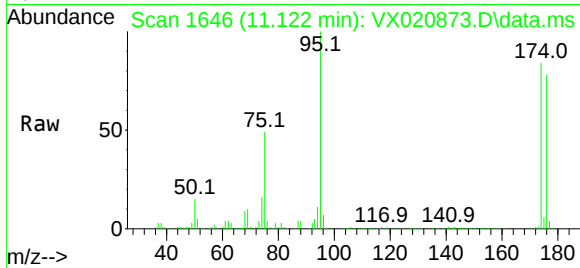




#62
4-Bromofluorobenzene
Concen: 46.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

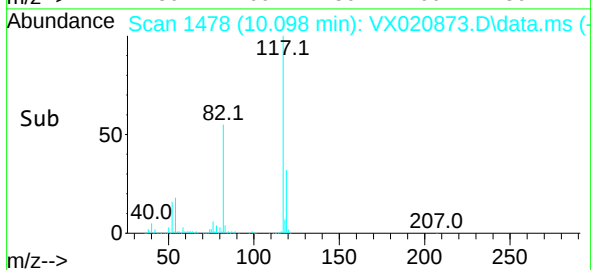
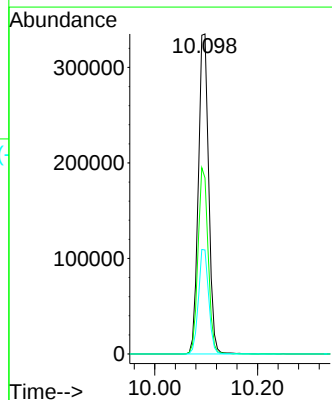
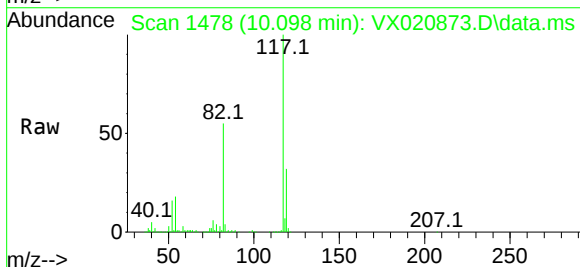
Instrument :
MSVOA_X
ClientSampleId :

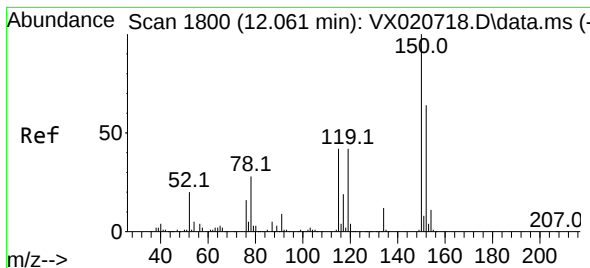
Tgt Ion: 95 Resp: 215340
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 117 Resp: 468770
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.5 26.6 39.8

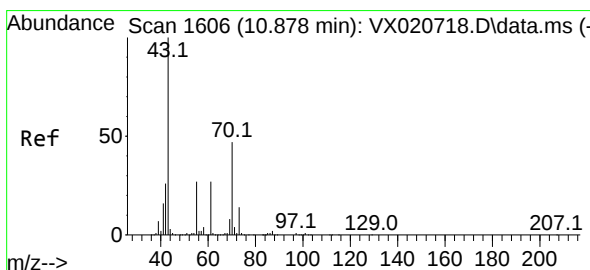
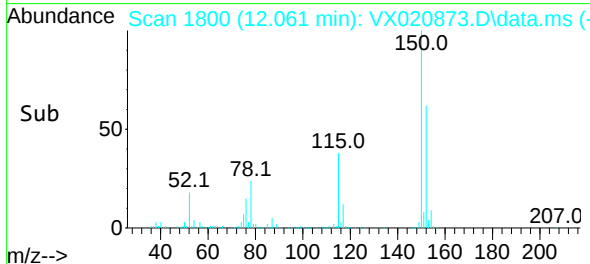
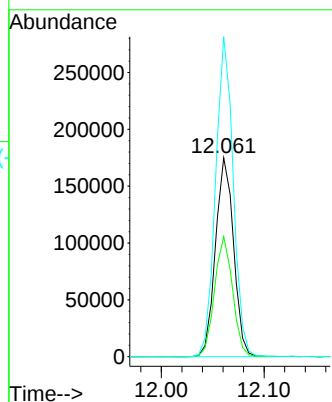
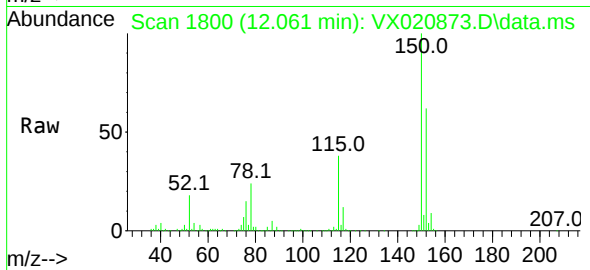




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

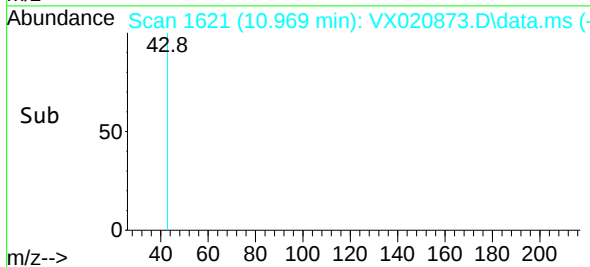
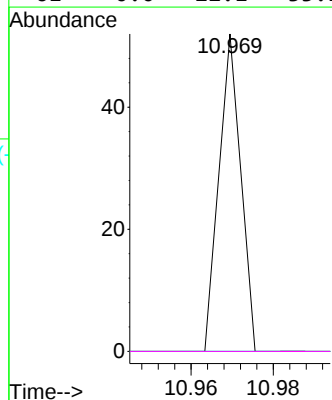
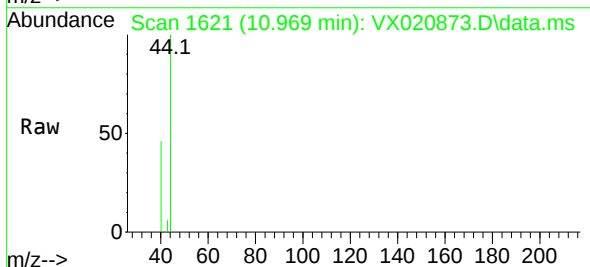
Instrument :
MSVOA_X
ClientSampleId :

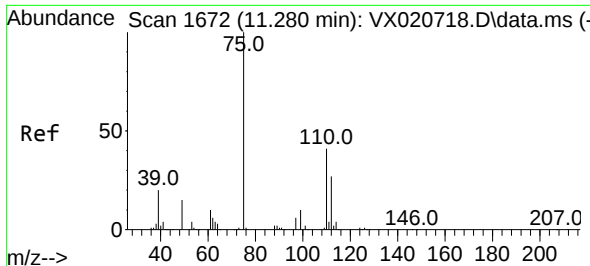
Tgt Ion:152 Resp: 213705
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 157.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.091 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion: 43 Resp: 19
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#

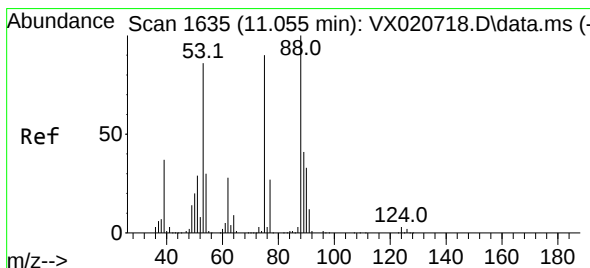
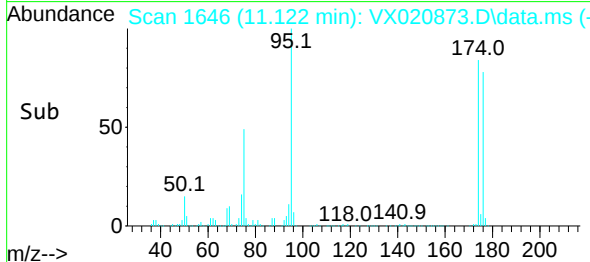
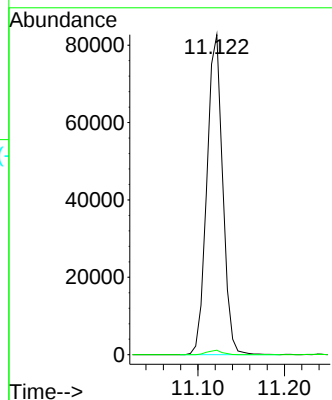
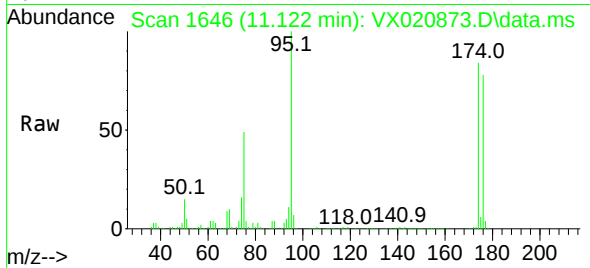




#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

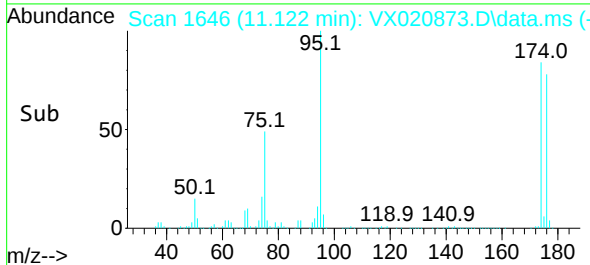
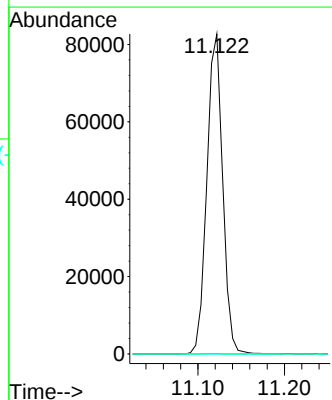
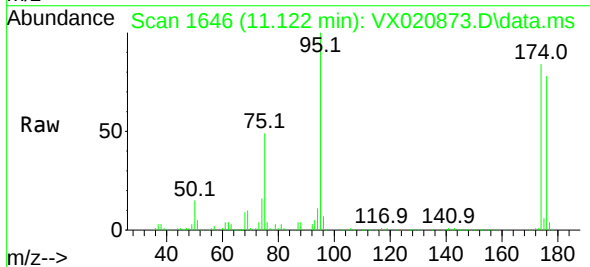
Instrument :
MSVOA_X
ClientSampled :

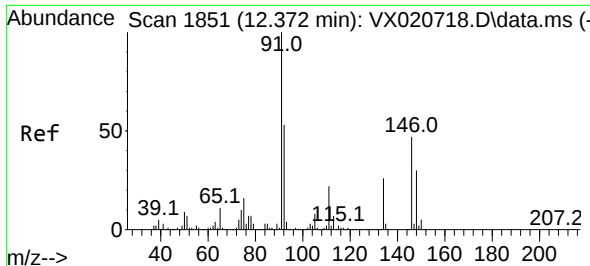
Tgt Ion: 75 Resp: 104741
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.22 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

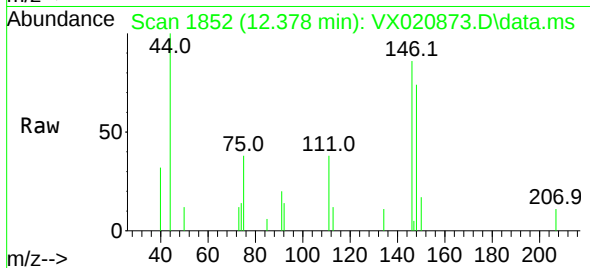
Tgt Ion: 75 Resp: 104741
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



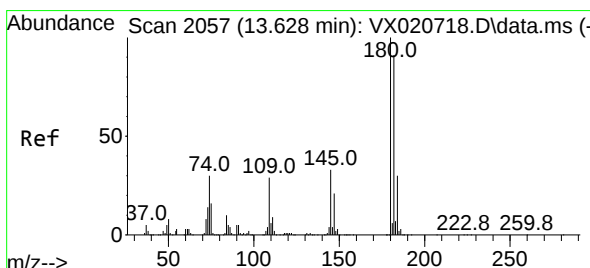
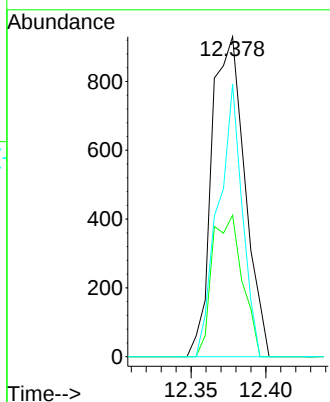
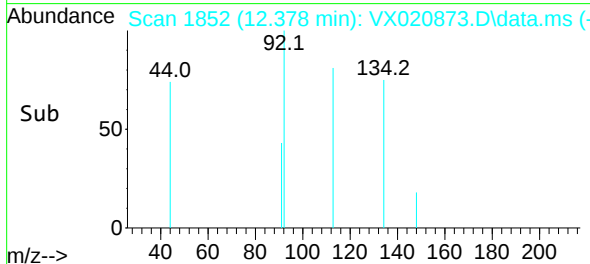


#91
1,2-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.378 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

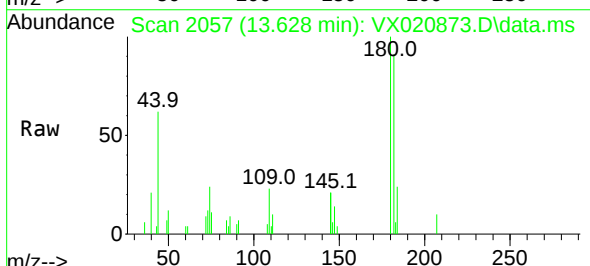
Instrument :
MSVOA_X
ClientSampled :



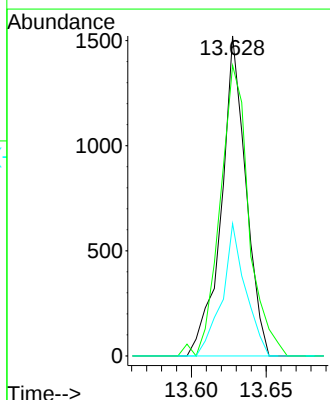
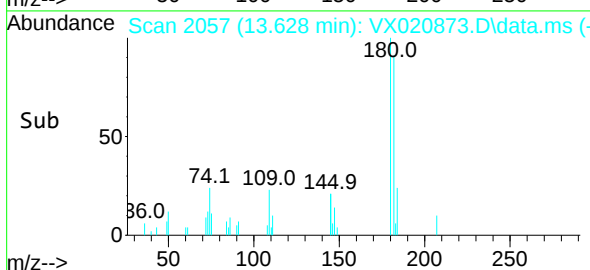
Tgt Ion:146 Resp: 1426
Ion Ratio Lower Upper
146 100
111 40.3 20.8 62.2
148 62.0 31.9 95.5

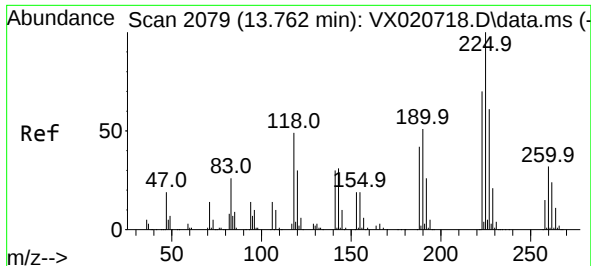


#93
1,2,4-Trichlorobenzene
Concen: 0.39 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54



Tgt Ion:180 Resp: 1739
Ion Ratio Lower Upper
180 100
182 106.1 47.7 143.1
145 39.1 15.0 45.0

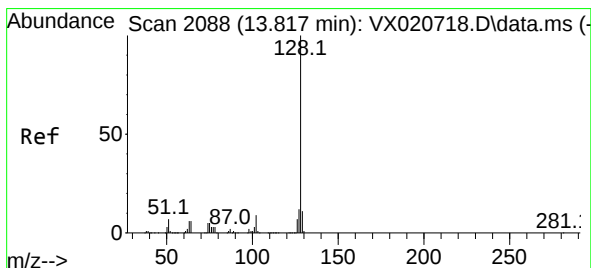
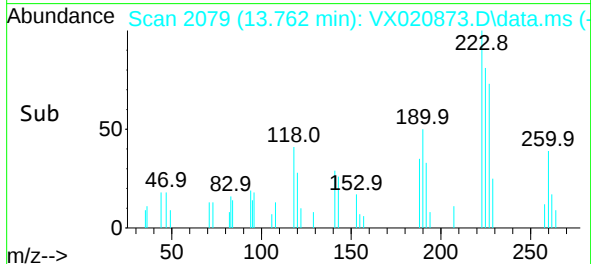
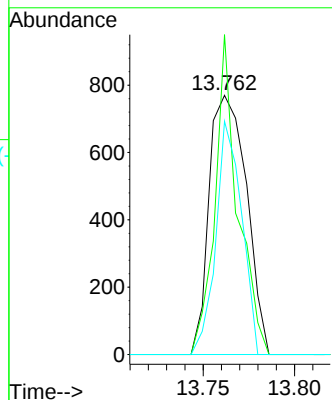
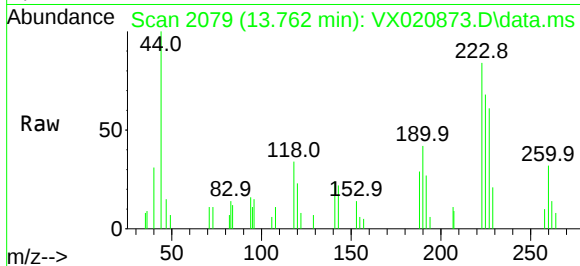




#94
Hexachlorobutadiene
Concen: 0.52 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 1094
Ion Ratio Lower Upper
225 100
223 75.5 31.1 93.2
227 62.2 31.6 95.0



#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020873.D
Acq: 05 Feb 2021 17:54

Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

