

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020206.D
 Acq On : 20 Dec 2020 05:33
 Operator : JC/MD
 Sample : L5095-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW13D-121420

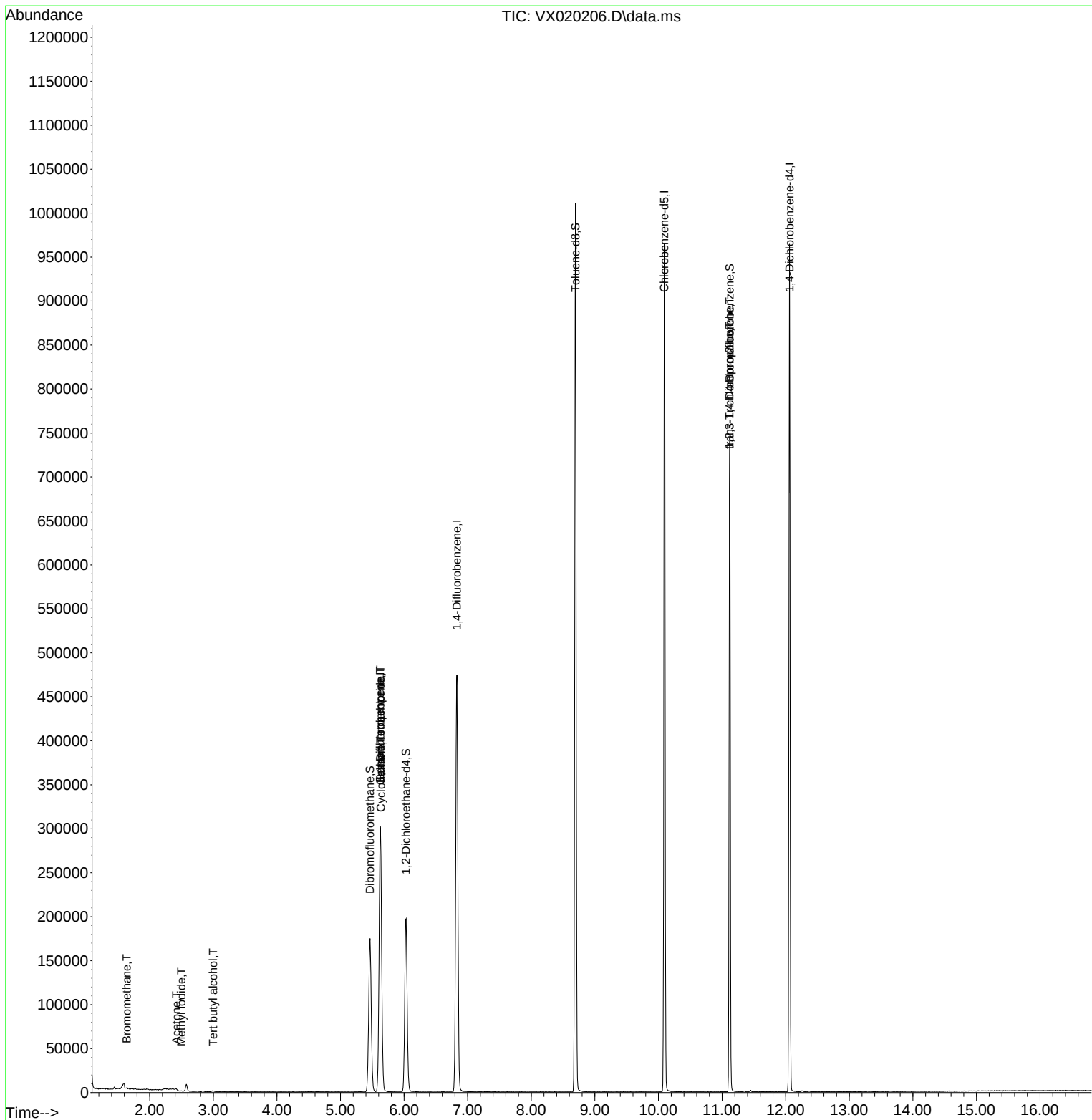
Quant Time: Dec 21 02:44:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	286618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	485745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	445664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190337	49.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.08%
35) Dibromofluoromethane	5.464	113	151848	48.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.74%
50) Toluene-d8	8.695	98	584460	48.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.72%
62) 4-Bromofluorobenzene	11.122	95	204888	44.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.52%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	659	0.52	ug/l	92
10) Methyl Iodide	2.495	142	225	3.34	ug/l #	55
11) Tert butyl alcohol	2.995	59	889	1.03	ug/l #	73
16) Acetone	2.416	43	1974	1.13	ug/l	98
31) Cyclohexane	5.635	56	5681	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22297	4.64	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28044	6.14	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	99532	21.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99532	62.71	ug/l #	12

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

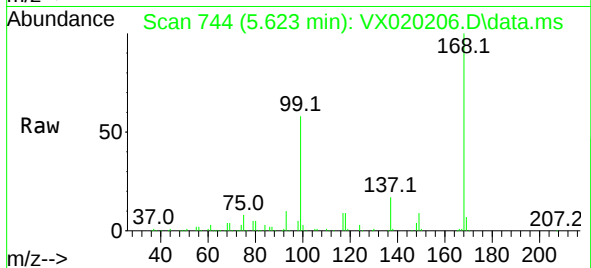
Quant Time: Dec 21 02:44:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



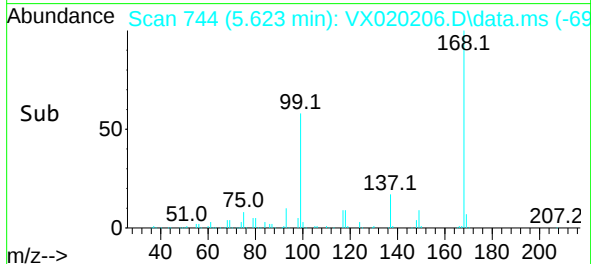
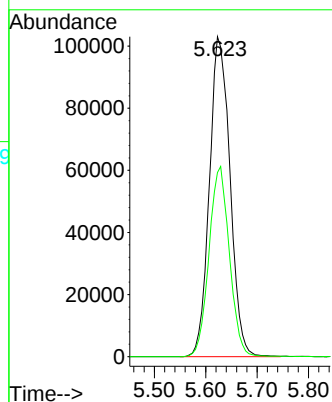


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

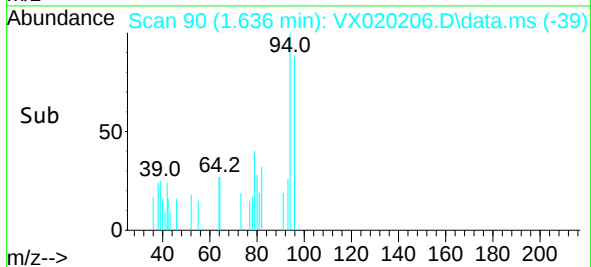
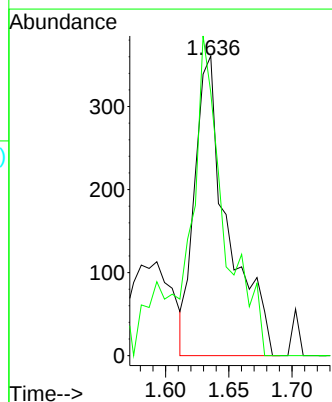
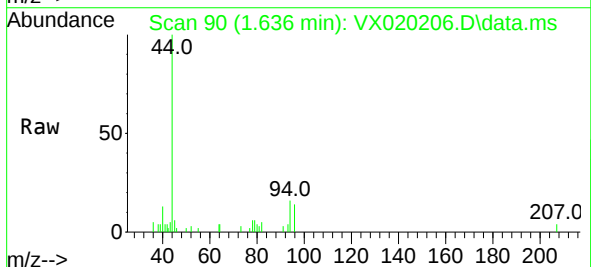


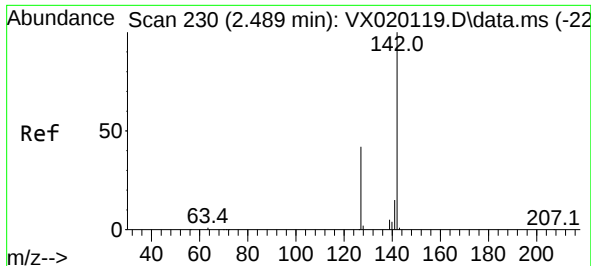
Tgt Ion:168 Resp: 286618
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

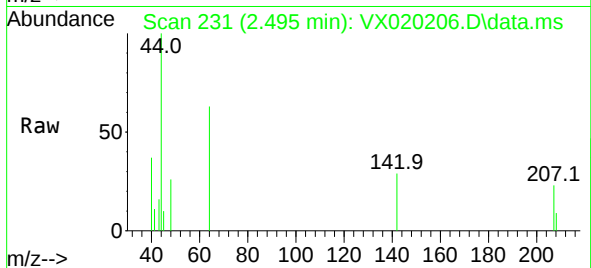
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 87.8 76.4 114.6



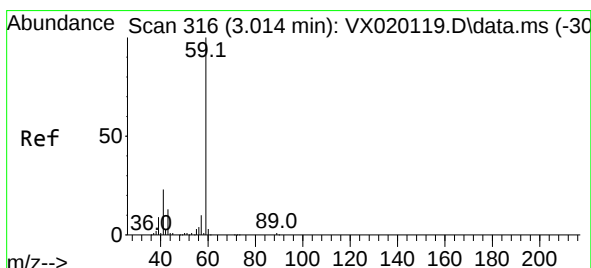
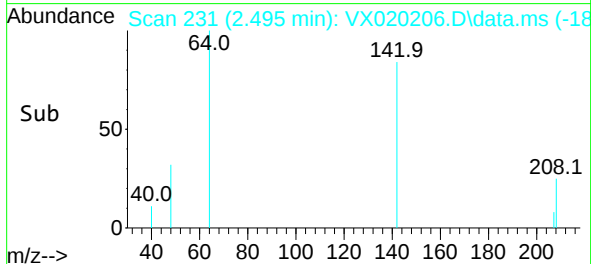
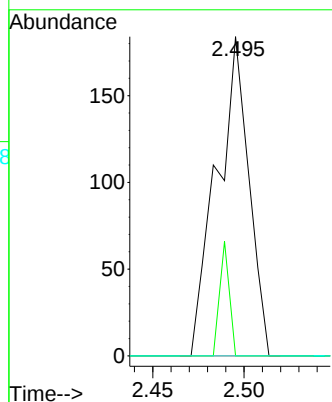


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

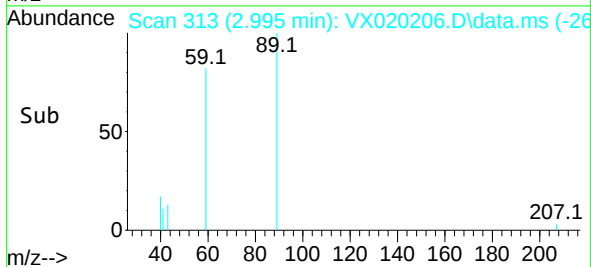
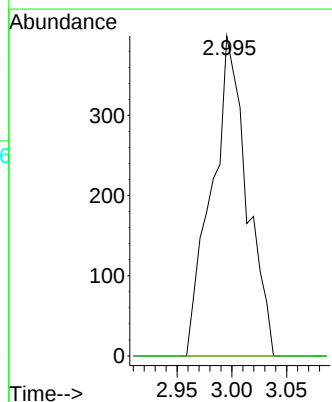
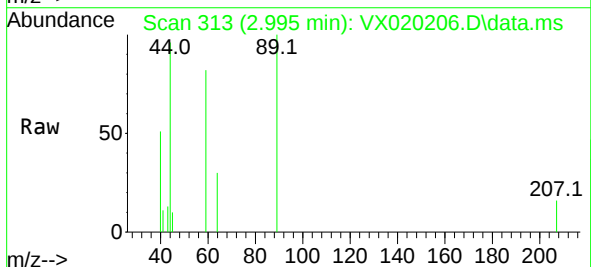


Tgt Ion:142 Resp: 225
Ion Ratio Lower Upper
142 100
127 10.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.03 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Tgt Ion: 59 Resp: 889
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

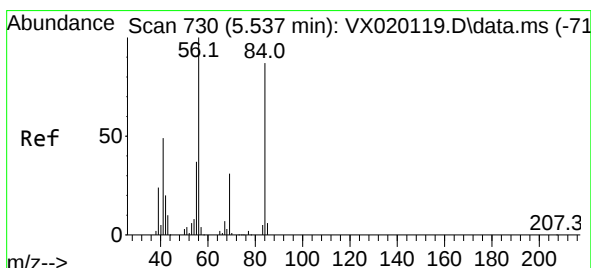
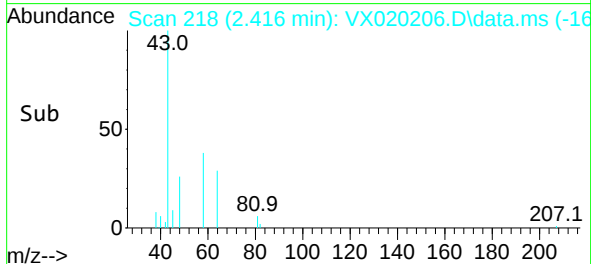
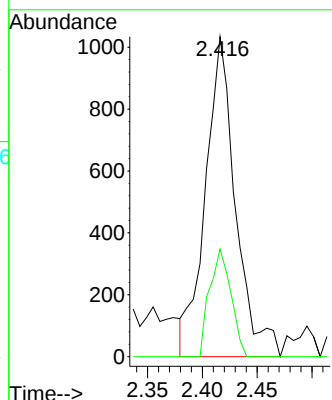
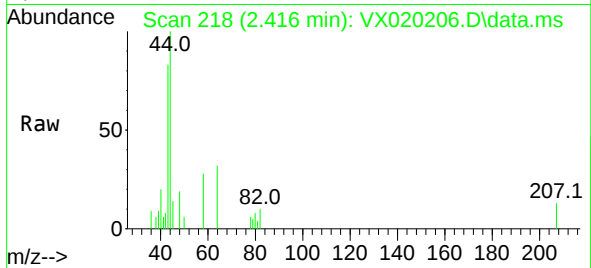




#16
Acetone
Concen: 1.13 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

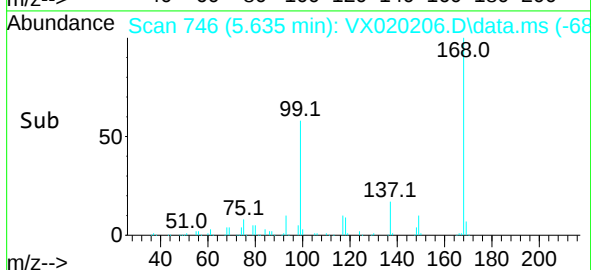
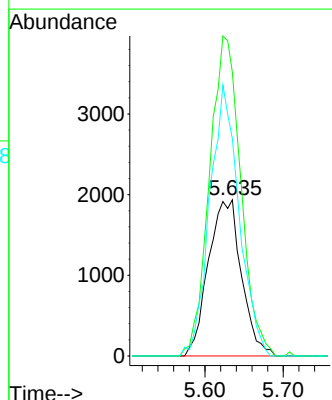
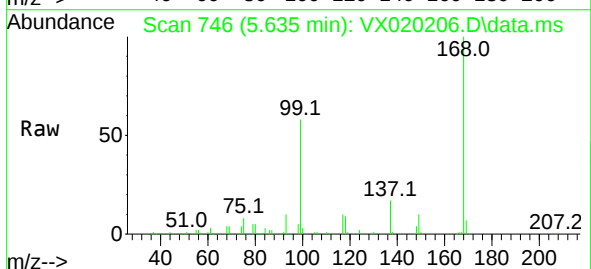
Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

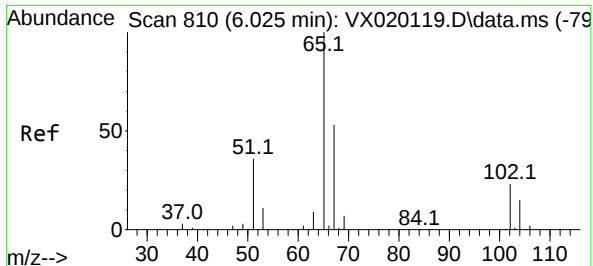
Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Tgt Ion: 56 Resp: 5681
Ion Ratio Lower Upper
56 100
69 181.8 25.3 37.9#
84 139.2 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: VX020206.D

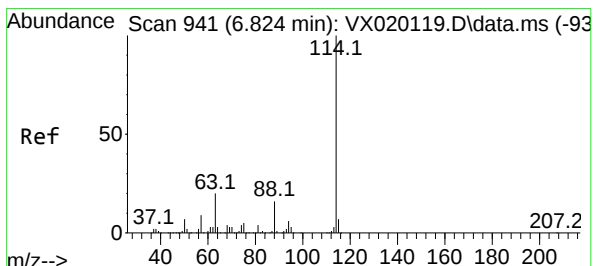
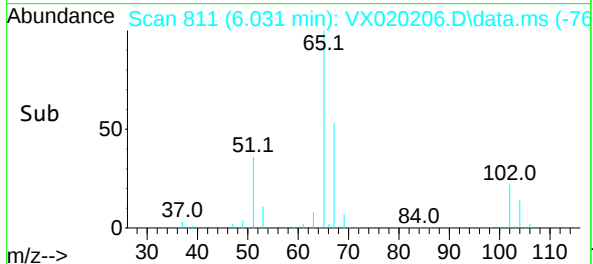
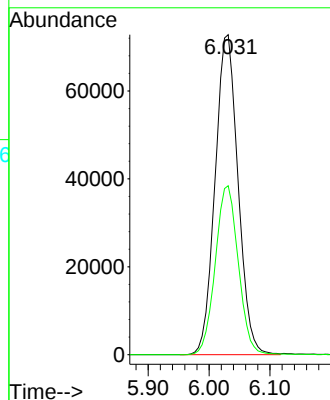
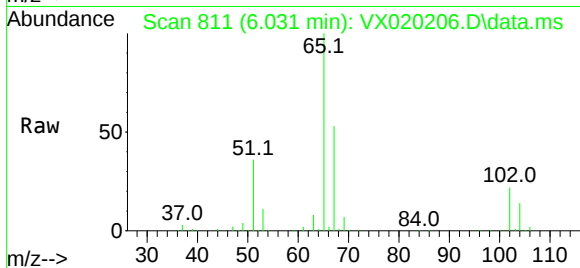
Acq: 20 Dec 2020 05:33

Tgt Ion: 65 Resp: 190337

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020206.D

Acq: 20 Dec 2020 05:33

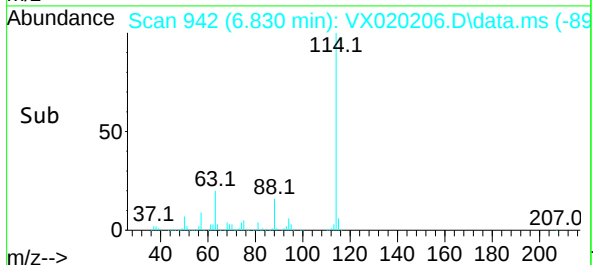
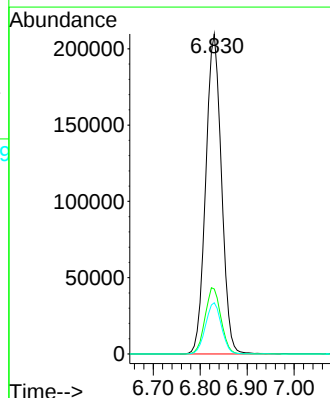
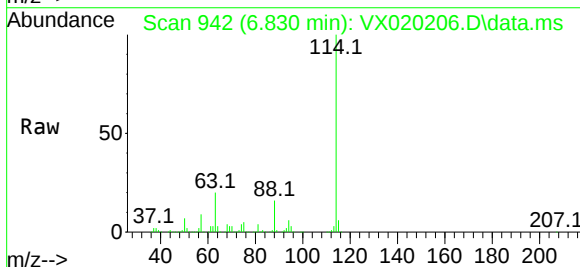
Tgt Ion: 114 Resp: 485745

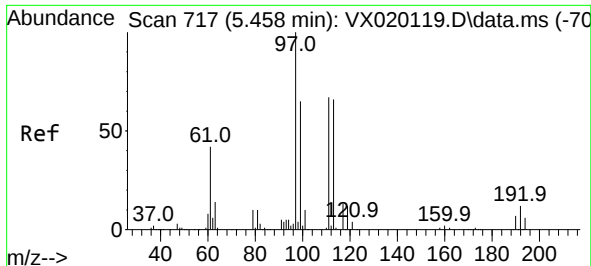
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

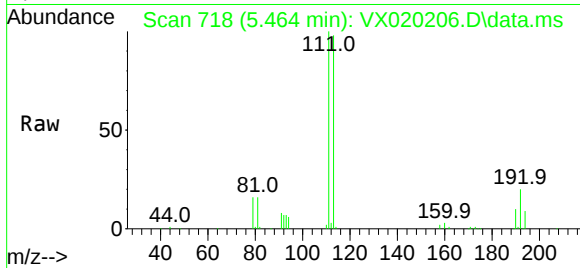
88 16.0 0.0 32.8



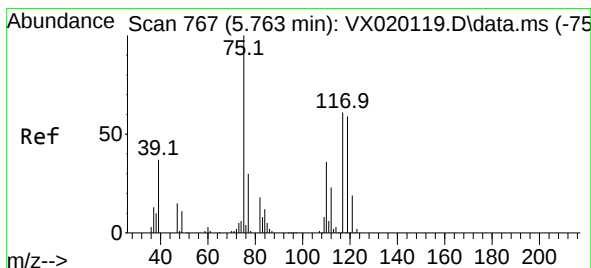
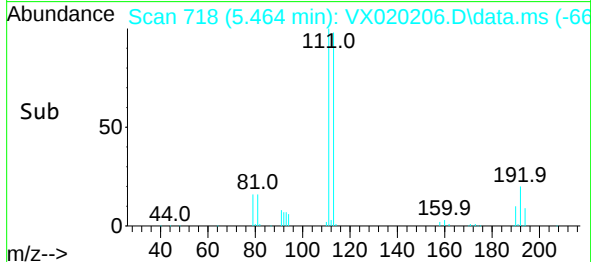
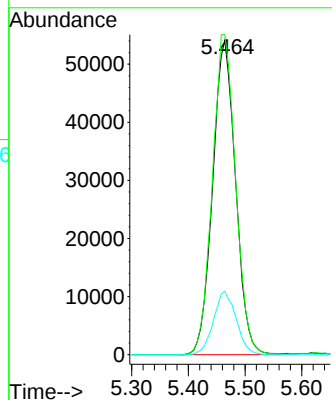


#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

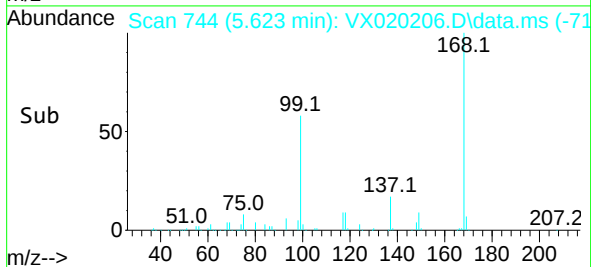
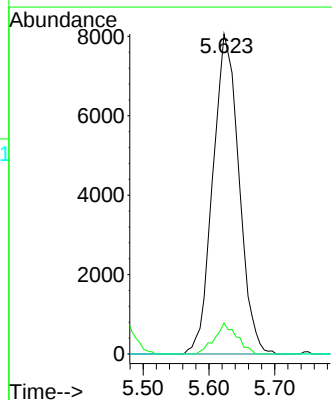
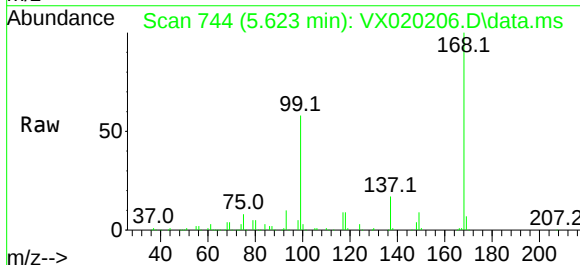


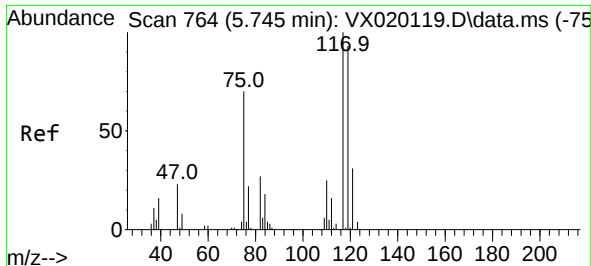
Tgt Ion:113 Resp: 151848
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

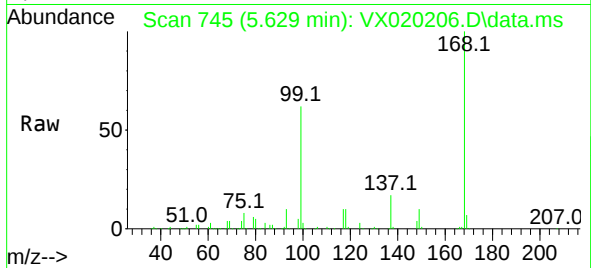
Tgt Ion: 75 Resp: 22297
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



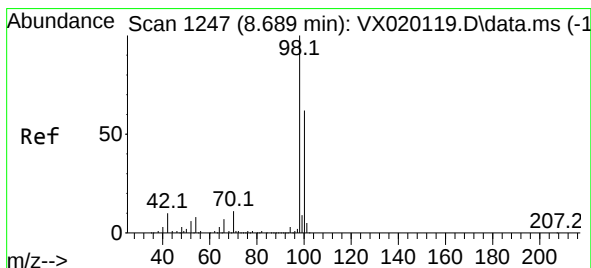
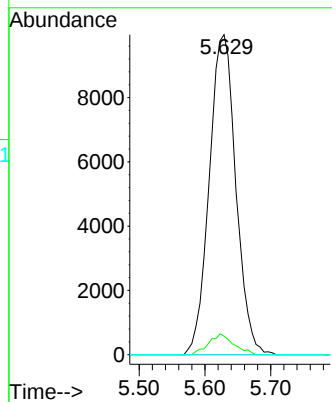
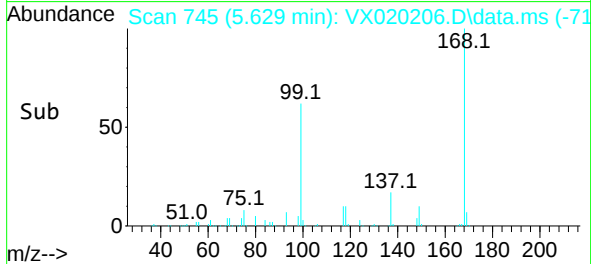


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

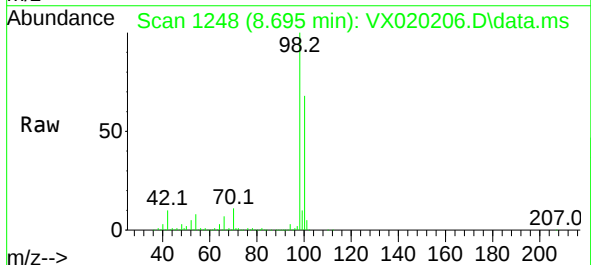
Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420



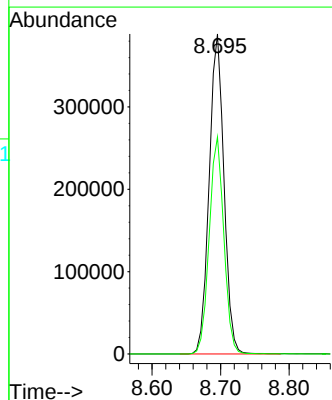
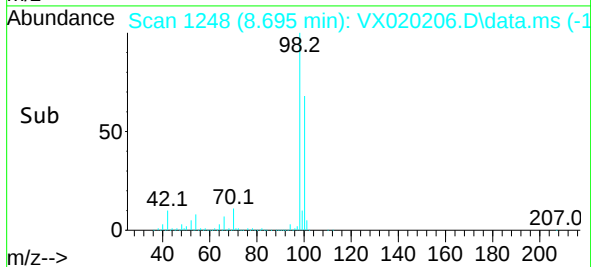
Tgt Ion:117 Resp: 28044
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

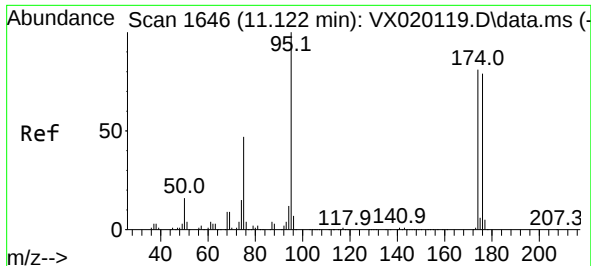


#50
Toluene-d8
Concen: 48.86 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33



Tgt Ion: 98 Resp: 584460
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9

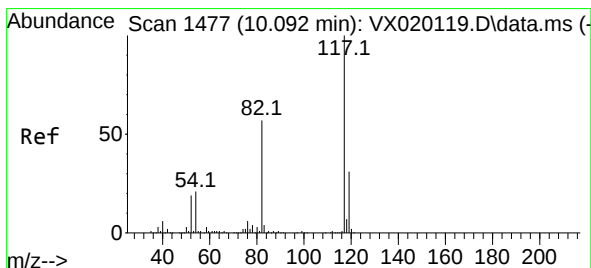
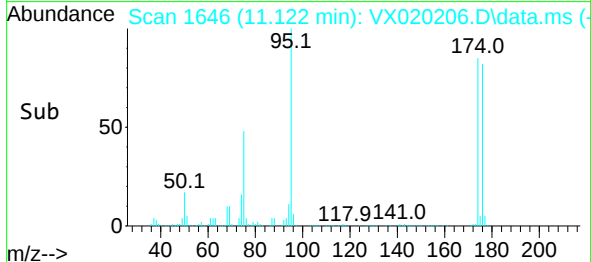
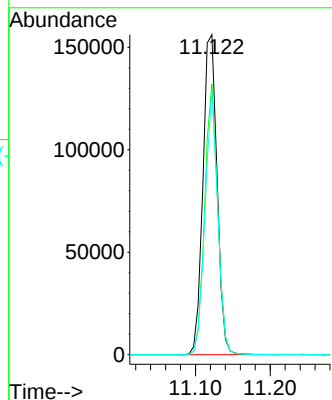
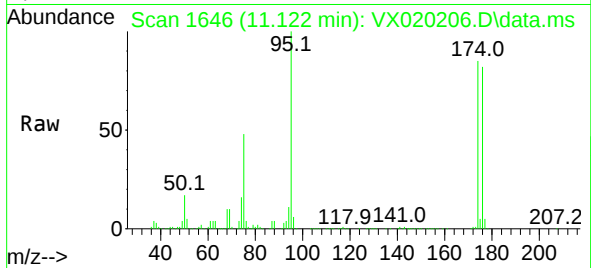




#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

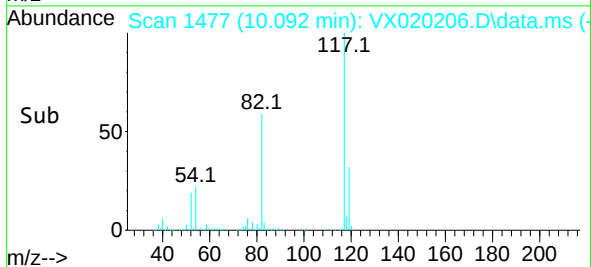
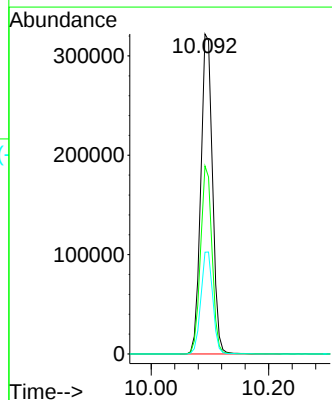
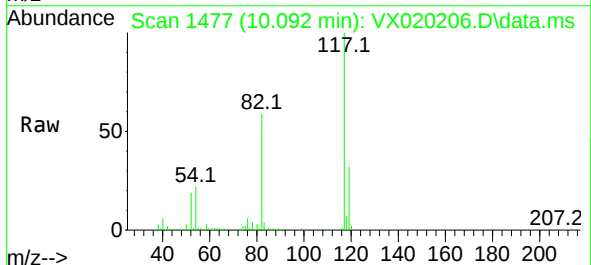
Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

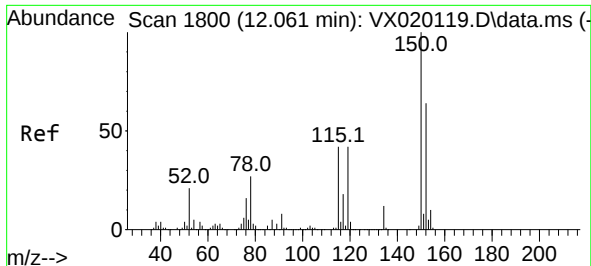
Tgt Ion: 95 Resp: 204888
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Tgt Ion: 117 Resp: 445664
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.8 26.6 39.8

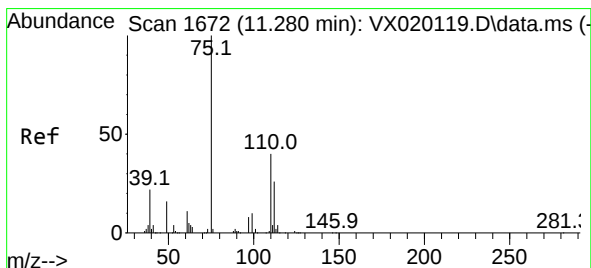
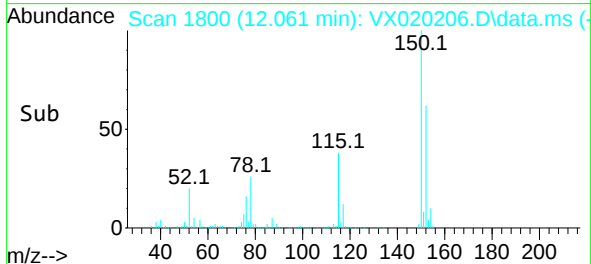
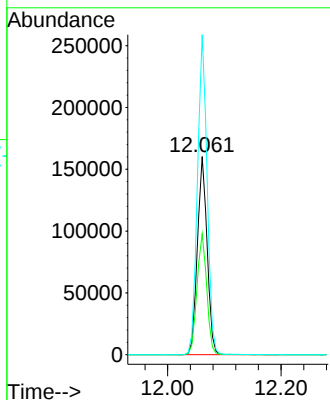
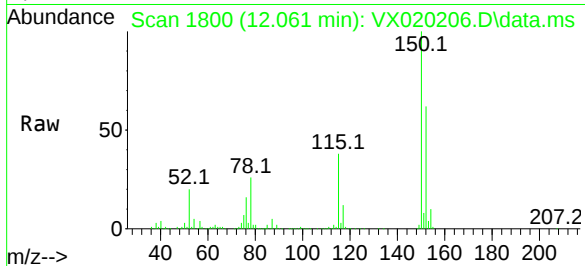




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

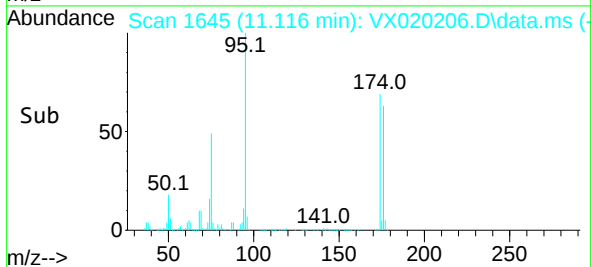
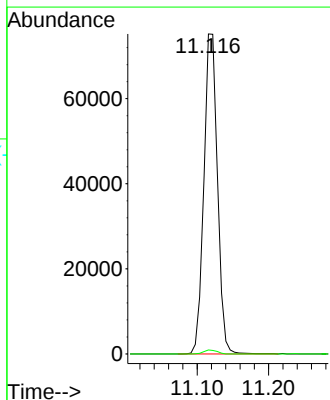
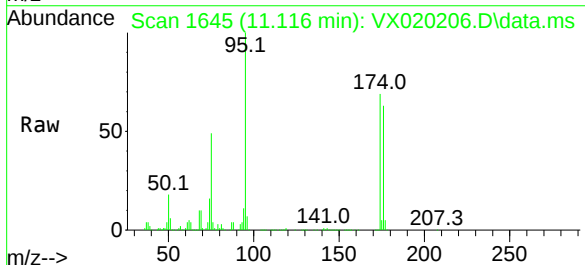
Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420

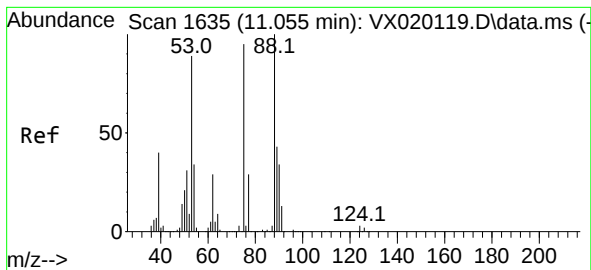
Tgt Ion:152 Resp: 191150
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 159.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.14 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

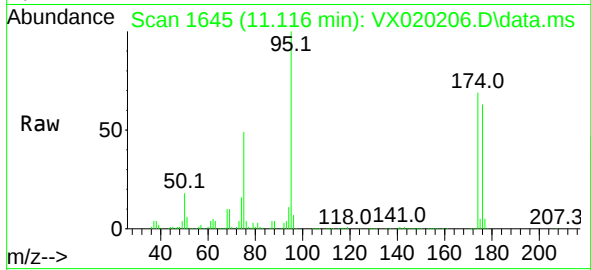
Tgt Ion: 75 Resp: 99532
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.71 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020206.D
Acq: 20 Dec 2020 05:33

Instrument :
MSVOA_X
ClientSampleId :
39-MW13D-121420



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

