

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020296.D
 Acq On : 22 Dec 2020 12:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 23 00:29:07 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)

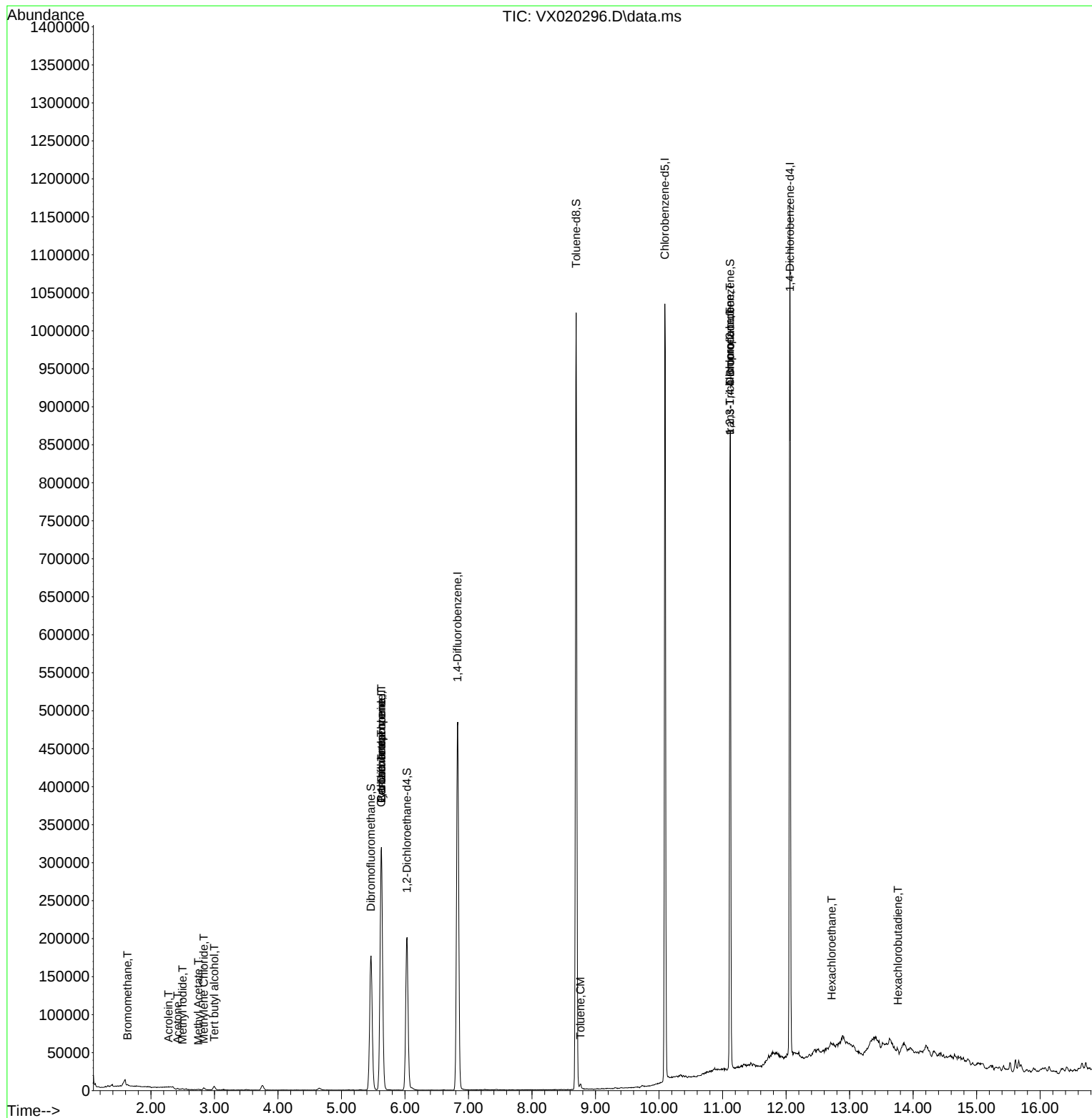
Internal Standards						
1) Pentafluorobenzene	5.629	168	306989	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.824	114	498071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	477972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	222767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191042	46.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.86%
35) Dibromofluoromethane	5.464	113	155830	48.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.82%
50) Toluene-d8	8.696	98	605213	49.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.70%
62) 4-Bromofluorobenzene	11.122	95	234699	50.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.00%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	777	0.58	ug/l #	51
10) Methyl Iodide	2.495	142	1236	3.57	ug/l	97
11) Tert butyl alcohol	2.995	59	2529	2.74	ug/l #	78
13) Acrolein	2.276	56	132	0.23	ug/l #	10
16) Acetone	2.416	43	1233	0.66	ug/l	93
18) Methyl Acetate	2.745	43	1033	0.25	ug/l #	74
20) Methylene Chloride	2.831	84	1112	0.26	ug/l #	94
31) Cyclohexane	5.623	56	6079	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23114	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29160	6.23	ug/l #	16
52) Toluene	8.763	92	2374	0.25	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	114925	20.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	114925	62.14	ug/l #	12
90) Hexachloroethane	12.719	117	661	0.28	ug/l	60
94) Hexachlorobutadiene	13.762	225	88	2.68	ug/l #	65

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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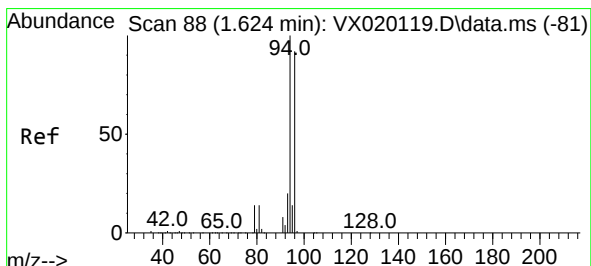
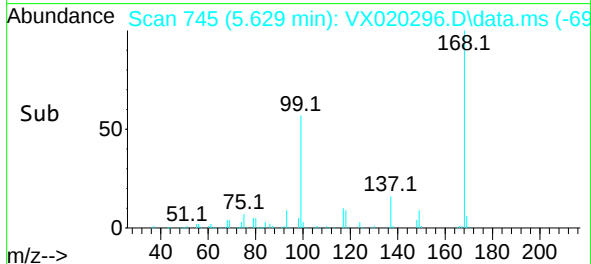
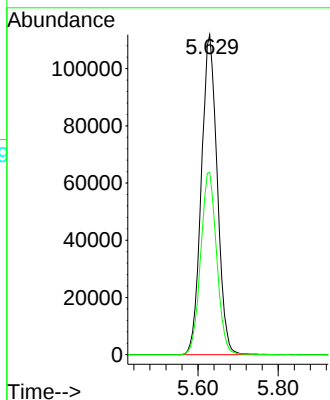
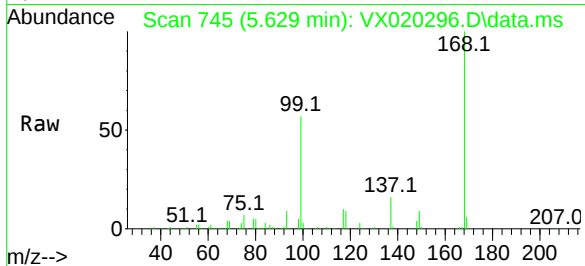




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

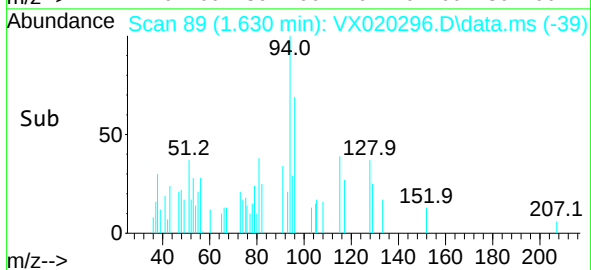
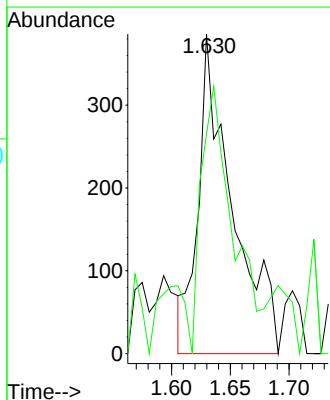
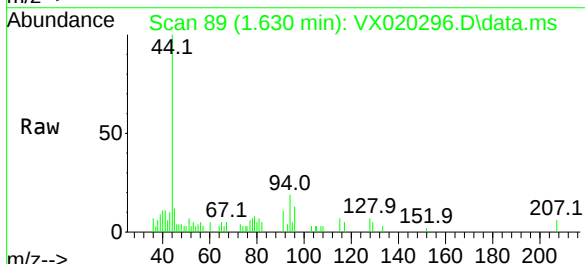
Instrument :
MSVOA_X
ClientSampled :
IBLK

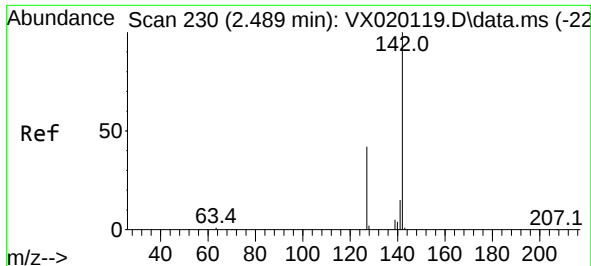
Tgt Ion:168 Resp: 306989
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.58 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

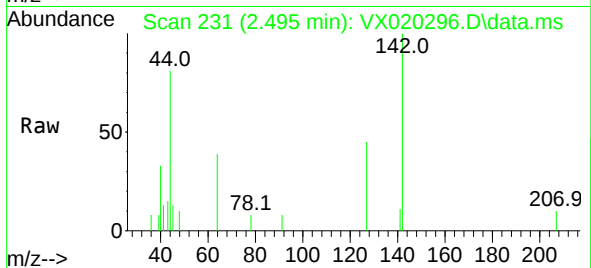
Tgt Ion: 94 Resp: 777
Ion Ratio Lower Upper
94 100
96 47.4 76.4 114.6#



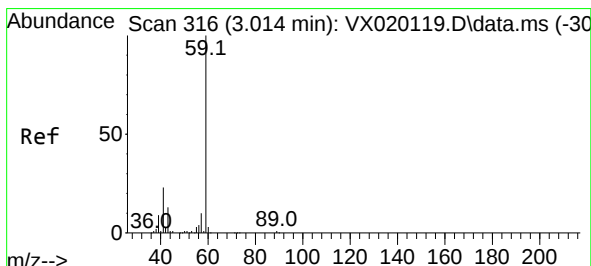
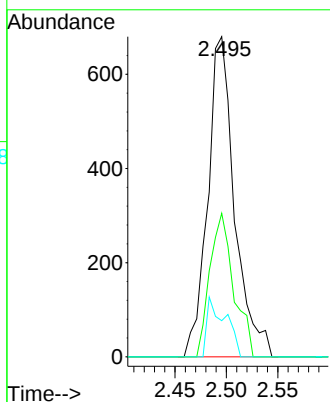
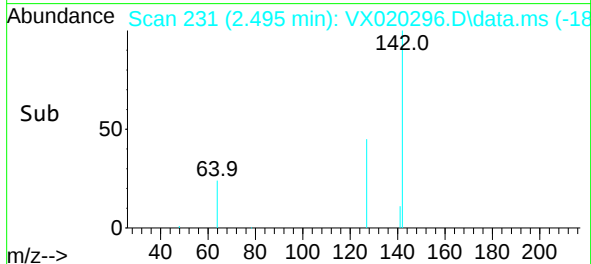


#10
Methyl Iodide
Concen: 3.57 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

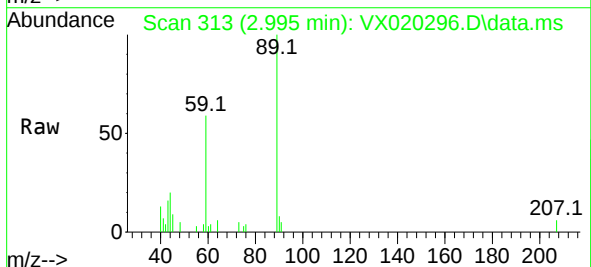
Instrument :
MSVOA_X
ClientSampled :
IBLK



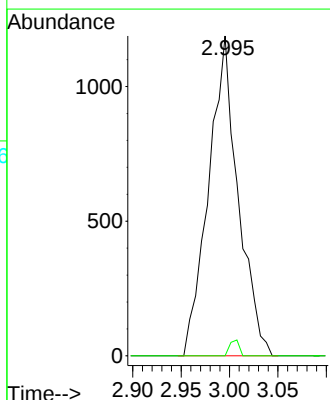
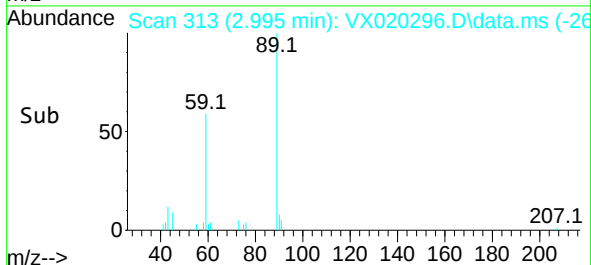
Tgt Ion:142 Resp: 1236
Ion Ratio Lower Upper
142 100
127 39.9 33.3 49.9
141 12.9 11.4 17.0

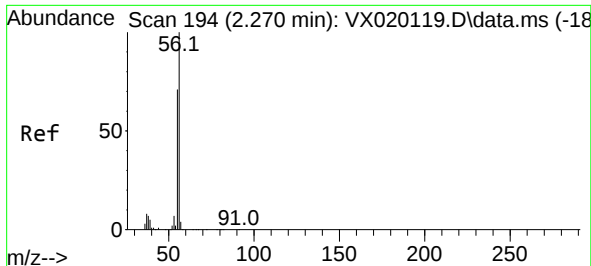


#11
Tert butyl alcohol
Concen: 2.74 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22



Tgt Ion: 59 Resp: 2529
Ion Ratio Lower Upper
59 100
57 1.6 7.8 11.8#

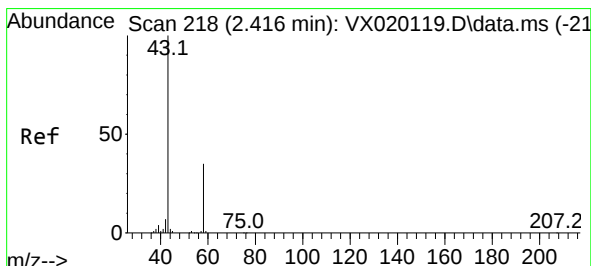
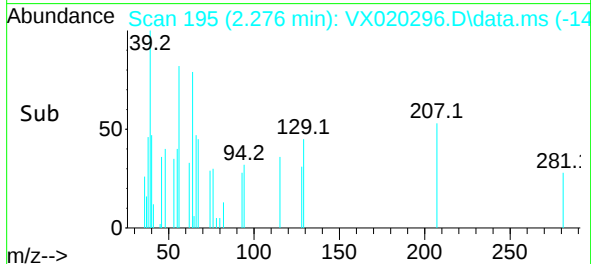
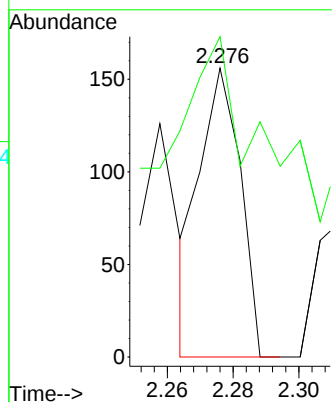
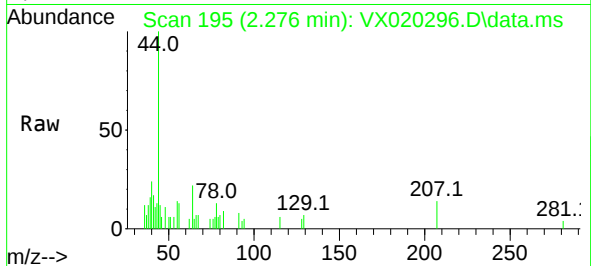




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

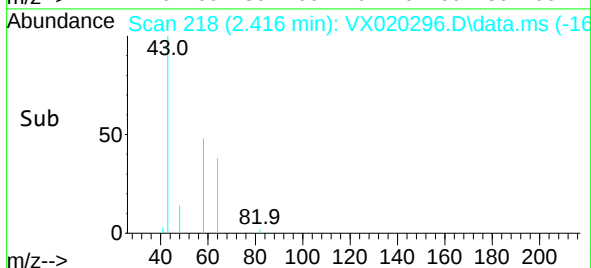
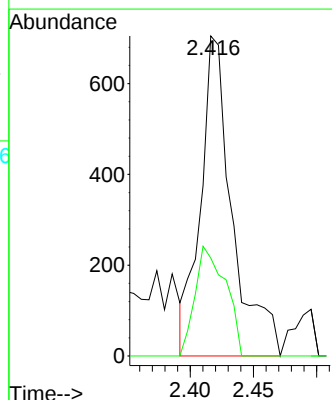
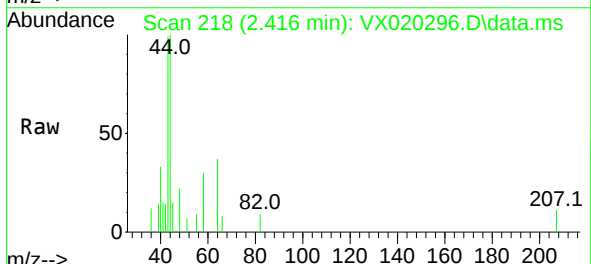
Instrument :
MSVOA_X
ClientSampled :
IBLK

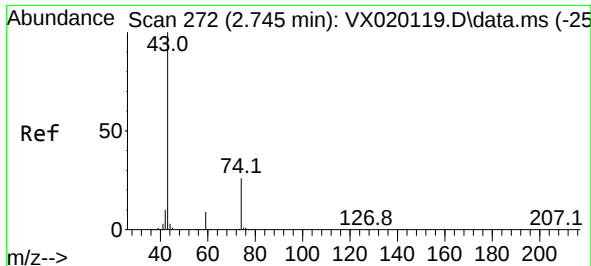
Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 144.7 56.4 84.6#



#16
Acetone
Concen: 0.66 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8

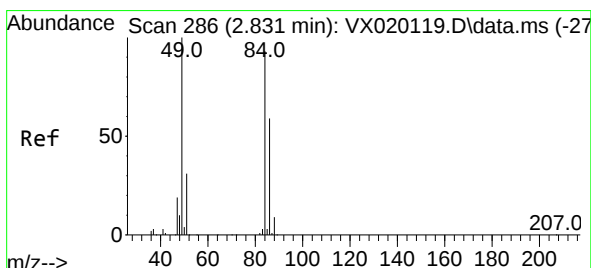
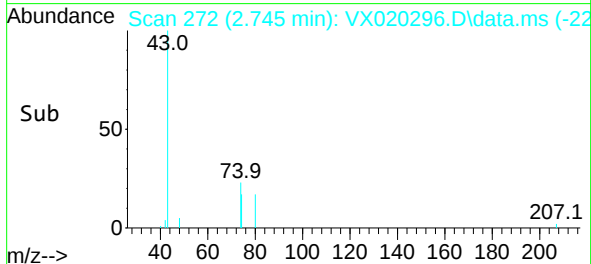
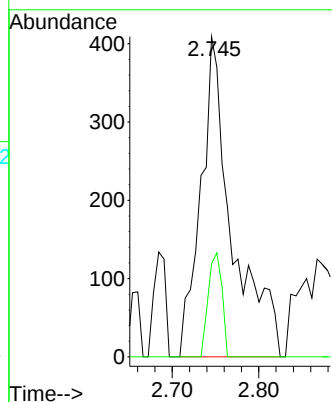
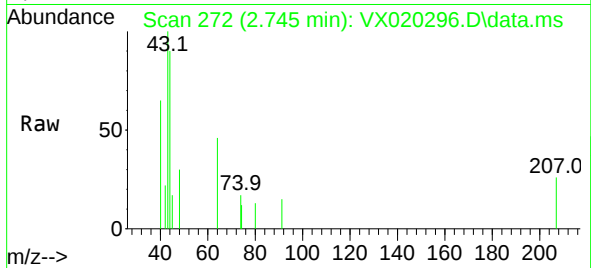




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

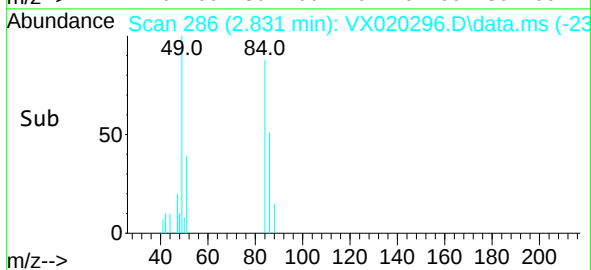
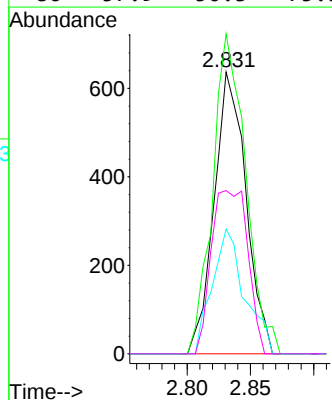
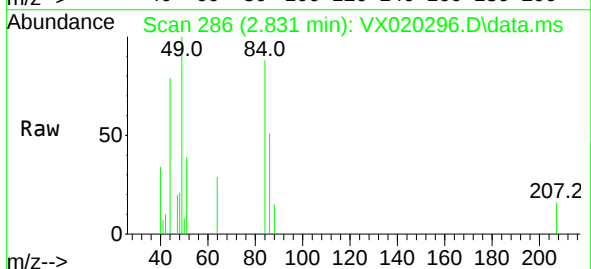
Instrument :
MSVOA_X
ClientSampleId :
IBLK

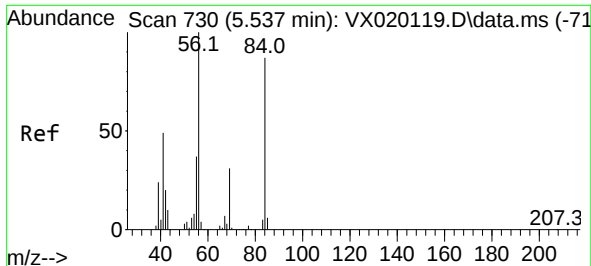
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
74 14.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

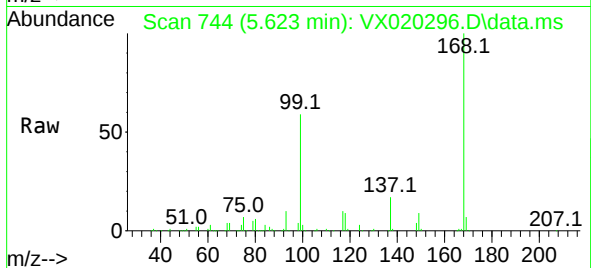
Tgt Ion: 84 Resp: 1112
Ion Ratio Lower Upper
84 100
49 113.5 88.6 132.8
51 44.3 27.0 40.6#
86 57.9 50.3 75.5



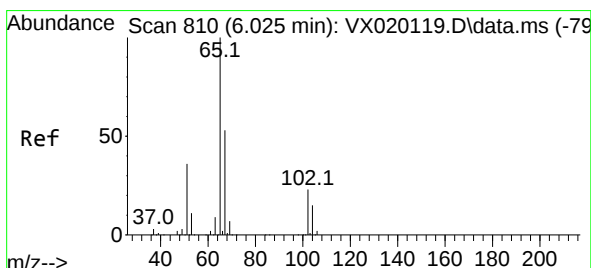
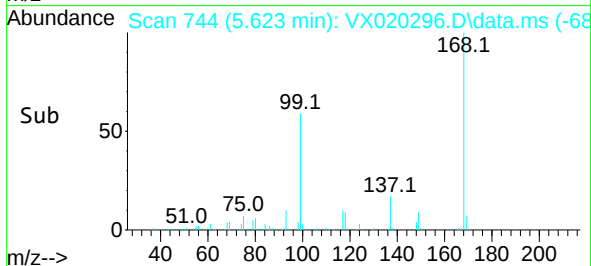
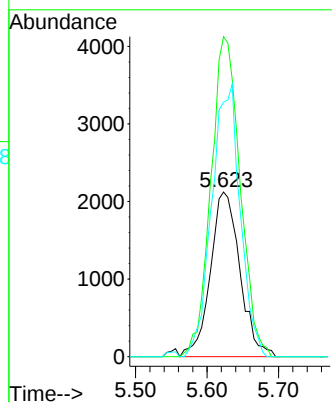


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
IBLK

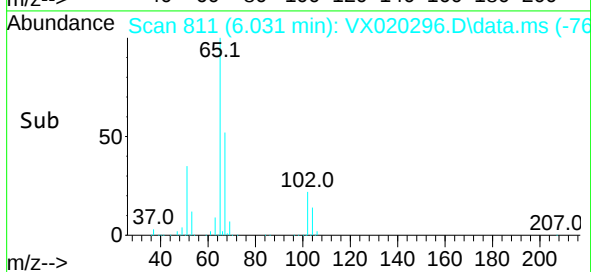
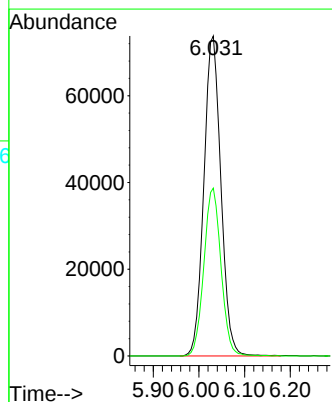
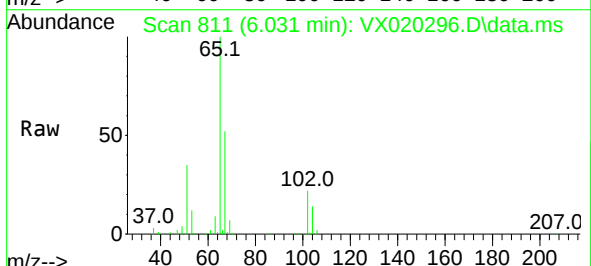


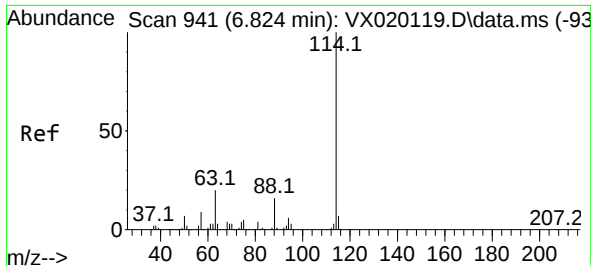
Tgt Ion: 56 Resp: 6079
Ion Ratio Lower Upper
56 100
69 194.4 25.3 37.9#
84 154.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.43 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Tgt Ion: 65 Resp: 191042
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

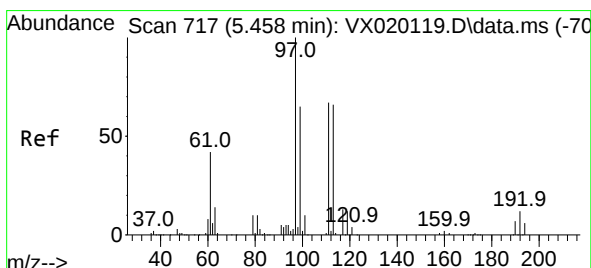
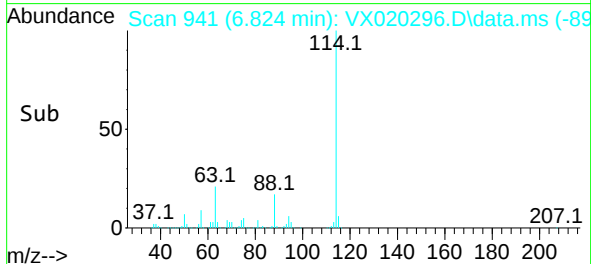
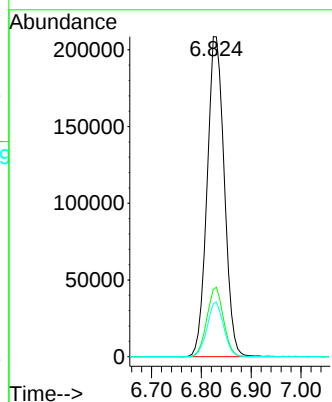
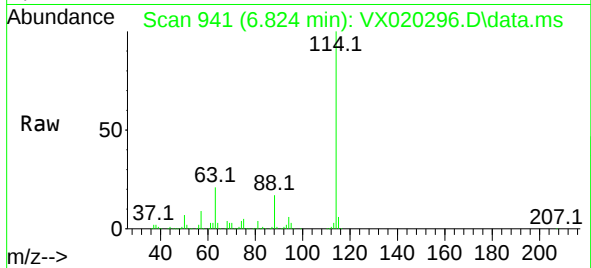




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

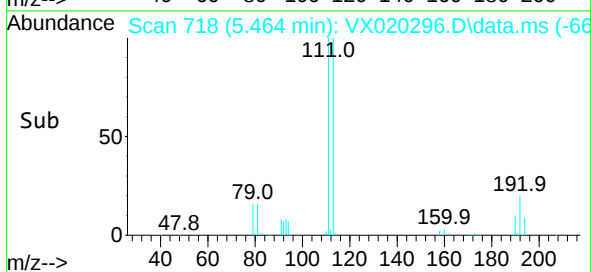
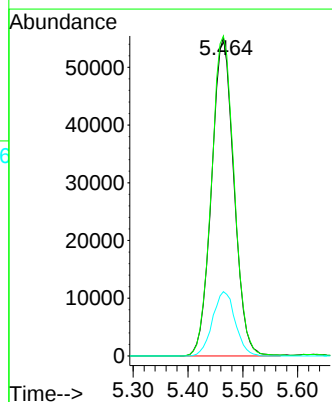
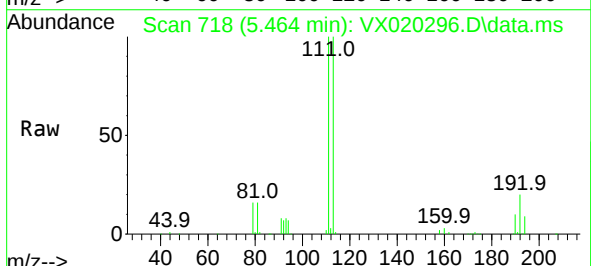
Instrument :
MSVOA_X
ClientSampleId :
IBLK

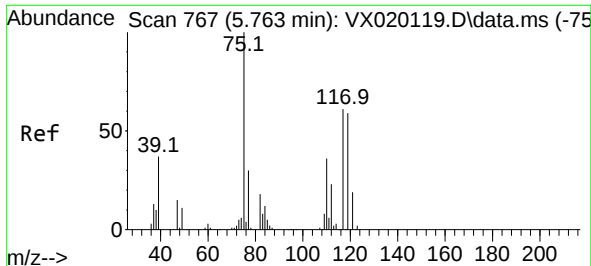
Tgt Ion:114 Resp: 498071
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.91 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Tgt Ion:113 Resp: 155830
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 5.629 min Scan# 745

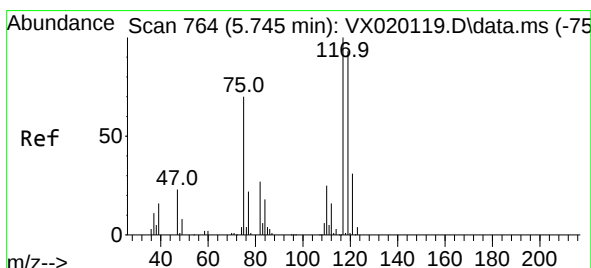
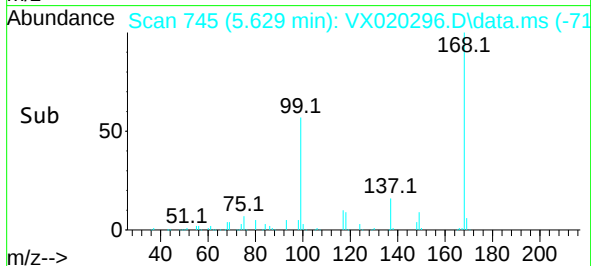
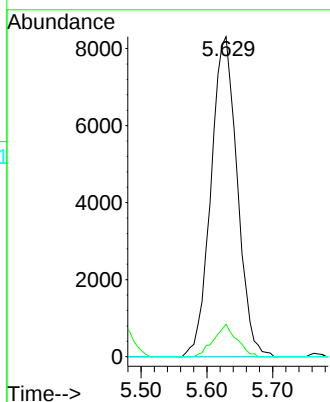
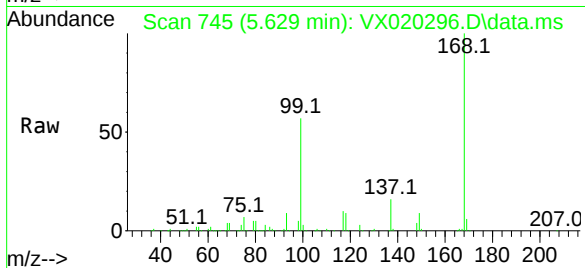
Delta R.T. -0.134 min

Lab File: VX020296.D

Acq: 22 Dec 2020 12:22

Tgt Ion: 75	Resp: 23114
Ion Ratio	Lower Upper
75 100	
110 8.8	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#38

Carbon Tetrachloride

Concen: 6.23 ug/l

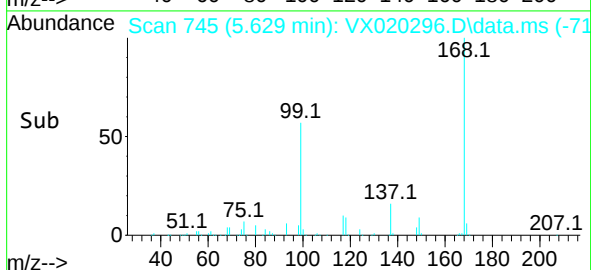
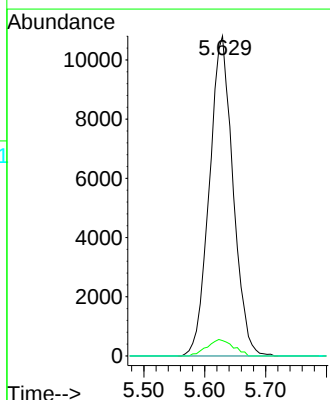
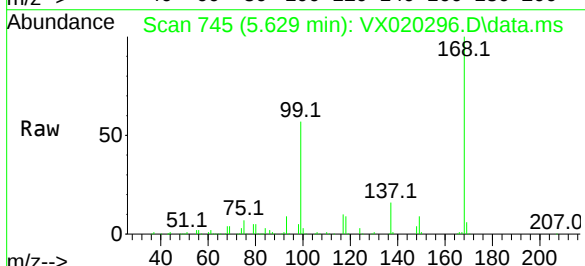
RT: 5.629 min Scan# 745

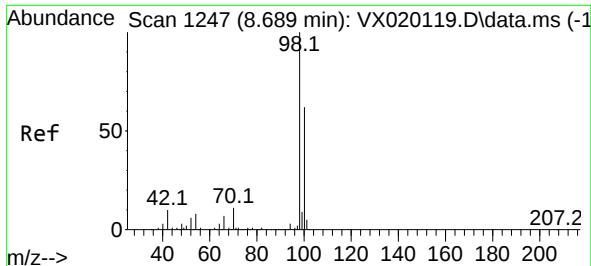
Delta R.T. -0.116 min

Lab File: VX020296.D

Acq: 22 Dec 2020 12:22

Tgt Ion: 117	Resp: 29160
Ion Ratio	Lower Upper
117 100	
119 4.8	76.2 114.2#
121 0.0	24.8 37.2#

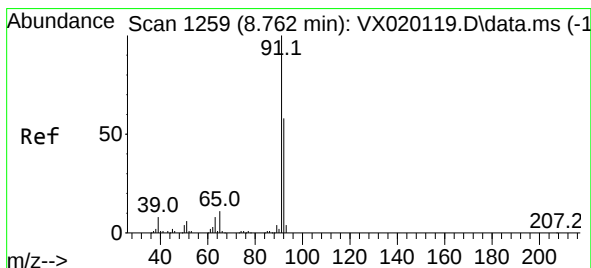
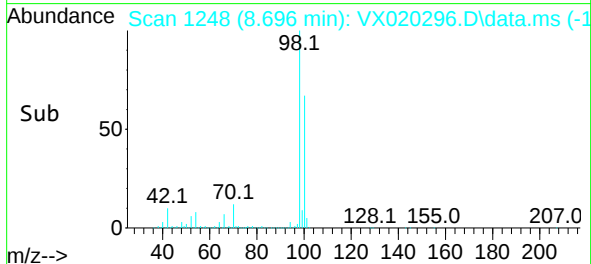
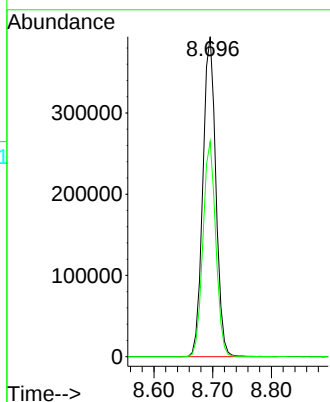
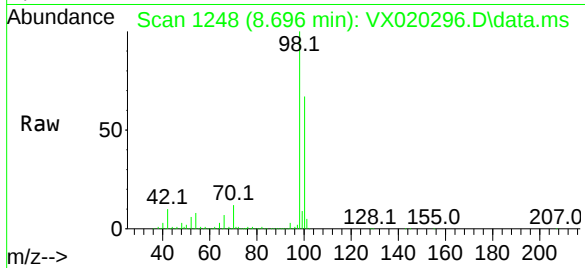




#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

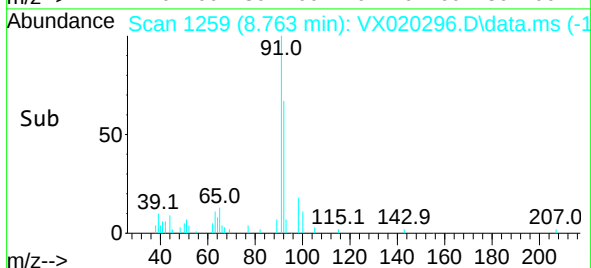
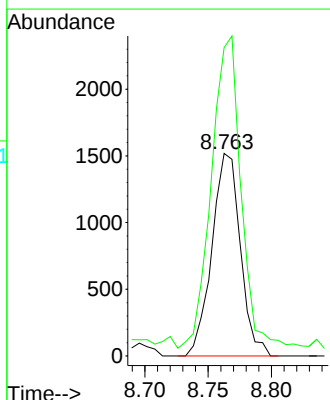
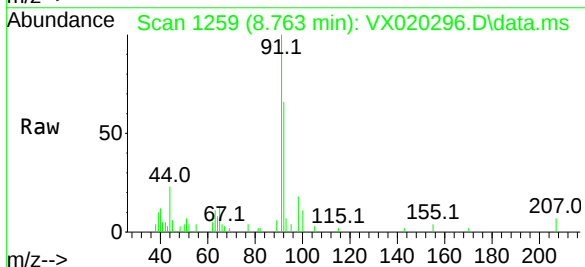
Instrument :
MSVOA_X
ClientSampled :
IBLK

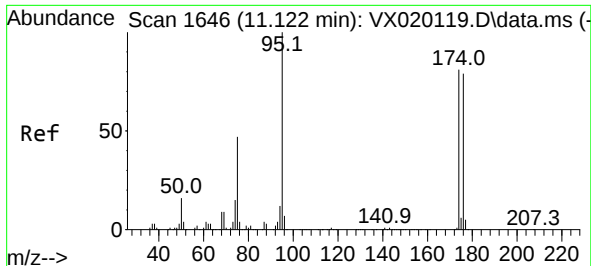
Tgt Ion: 98 Resp: 605213
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#52
Toluene
Concen: 0.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Tgt Ion: 92 Resp: 2374
Ion Ratio Lower Upper
92 100
91 163.5 137.1 205.7

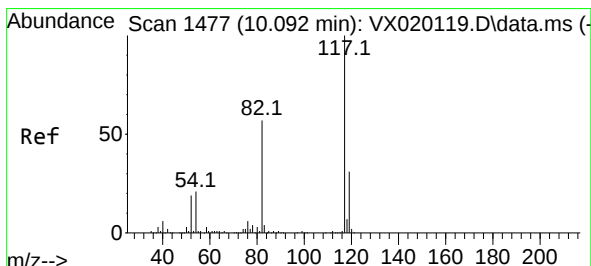
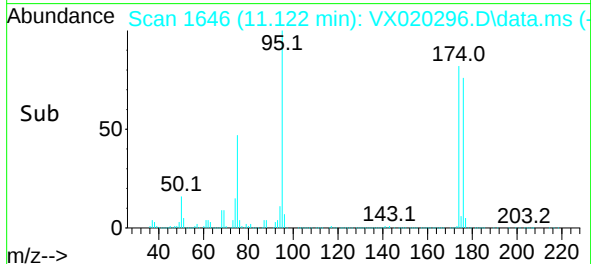
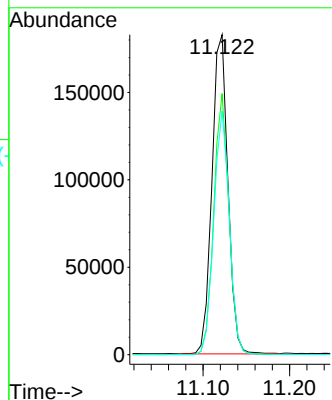
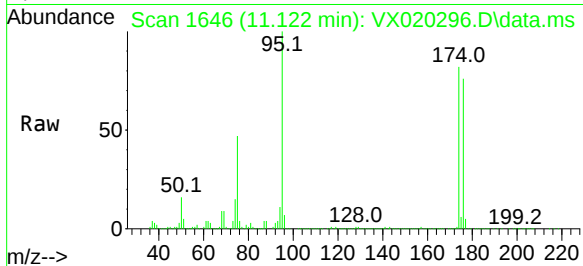




#62
4-Bromofluorobenzene
Concen: 50.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

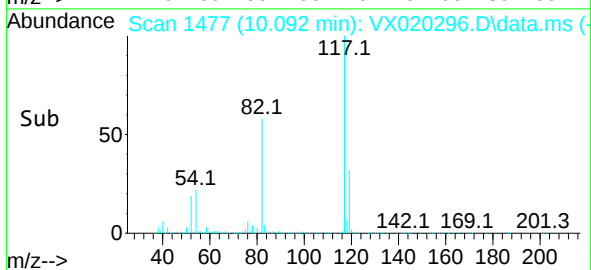
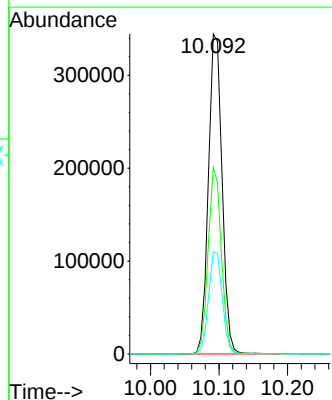
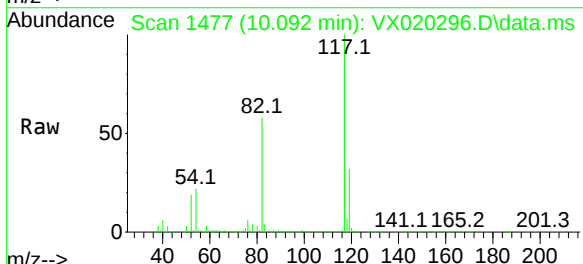
Instrument :
MSVOA_X
ClientSampled :
IBLK

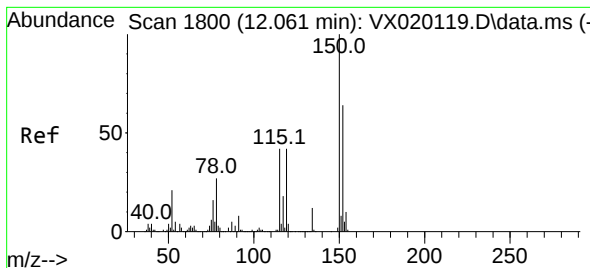
Tgt Ion: 95 Resp: 234699
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

Tgt Ion: 117 Resp: 477972
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.9 26.6 39.8

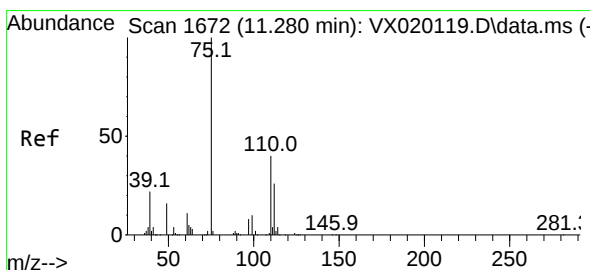
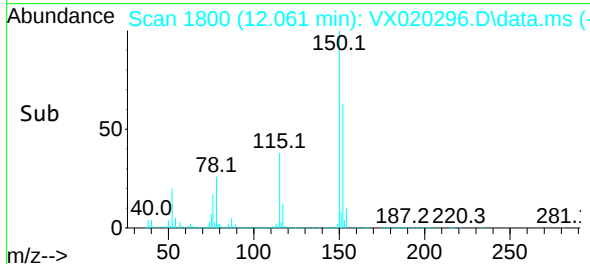
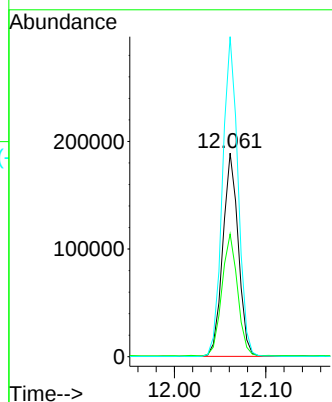
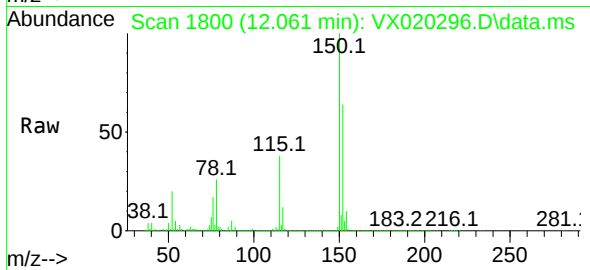




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020296.D
 Acq: 22 Dec 2020 12:22

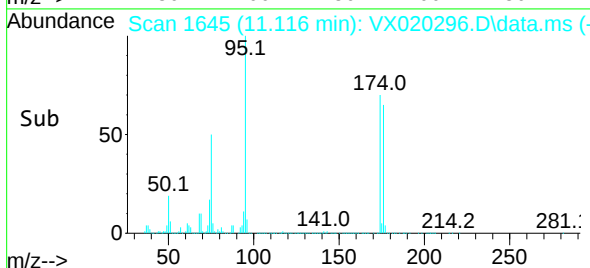
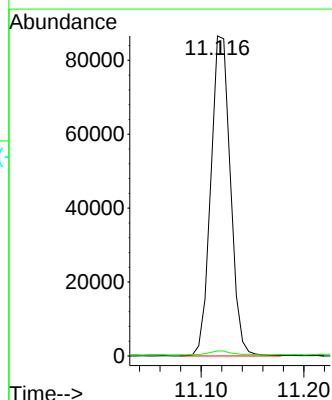
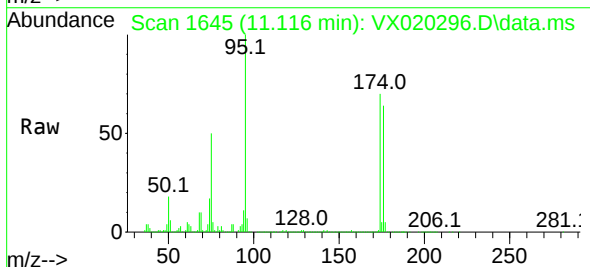
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

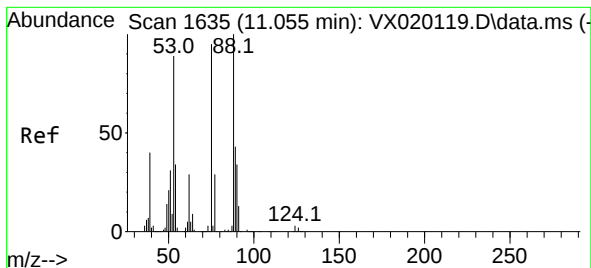
Tgt Ion:152 Resp: 222767
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 157.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.94 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX020296.D
 Acq: 22 Dec 2020 12:22

Tgt Ion: 75 Resp: 114925
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#

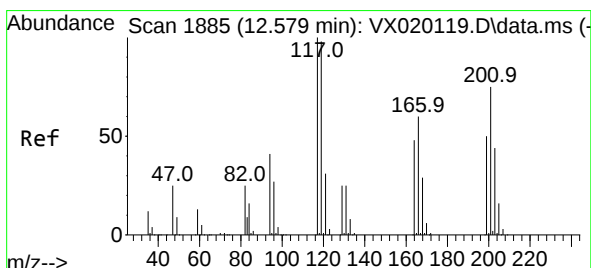
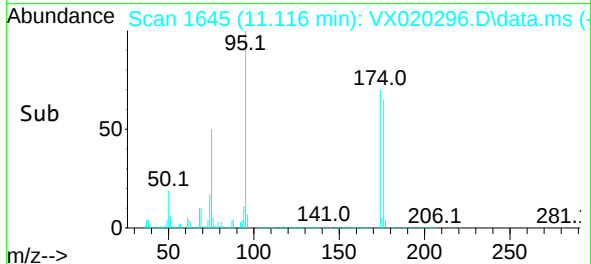
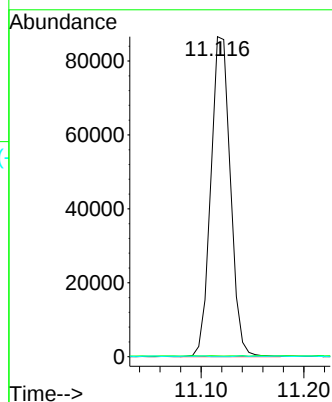
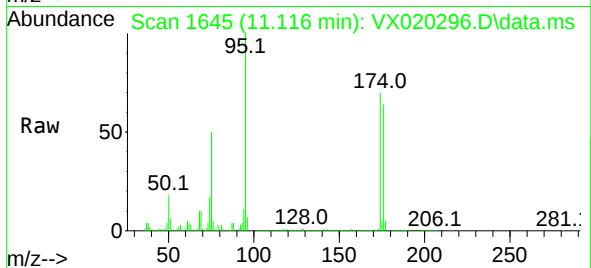




#81
trans-1,4-Dichloro-2-butene
Concen: 62.14 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

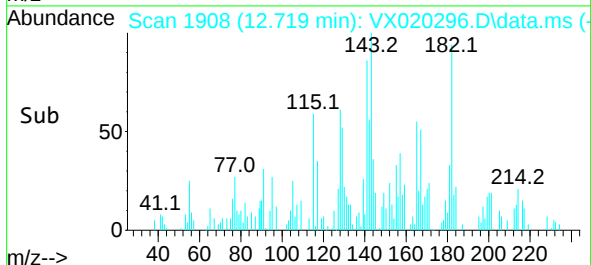
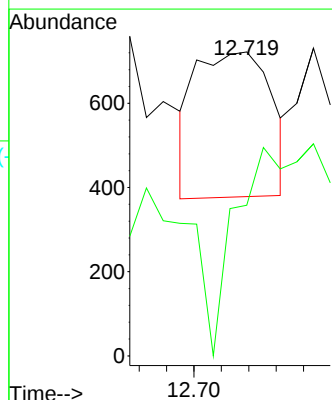
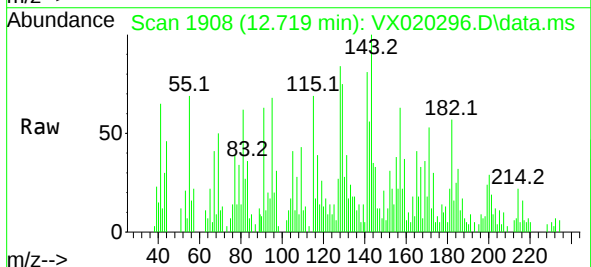
Instrument :
MSVOA_X
ClientSampled :
IBLK

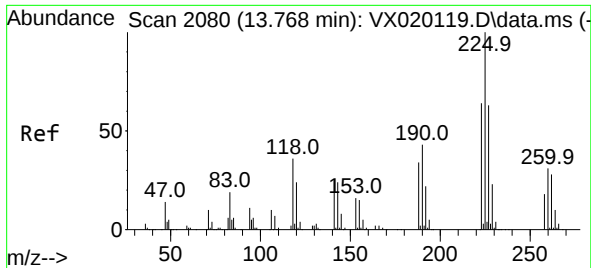
Tgt Ion: 75 Resp: 114925
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 12.719 min Scan# 1908
Delta R.T. 0.140 min
Lab File: VX020296.D
Acq: 22 Dec 2020 12:22

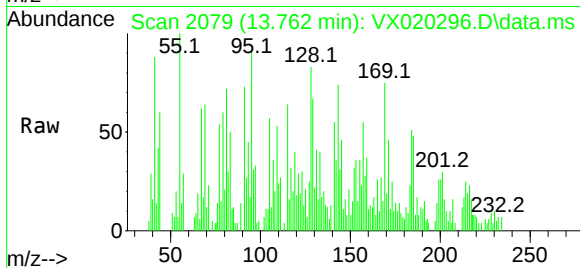
Tgt Ion: 117 Resp: 661
Ion Ratio Lower Upper
117 100
201 116.6 40.4 121.2





#94
 Hexachlorobutadiene
 Concen: 2.68 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020296.D
 Acq: 22 Dec 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	225	Resp:	88
Ion	Ratio	Lower	Upper
225	100		
223	51.1	31.1	93.2
227	105.7	31.6	95.0#

