

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020230.D
 Acq On : 20 Dec 2020 15:37
 Operator : JC/MD
 Sample : L5095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420

Quant Time: Dec 21 02:52:32 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)

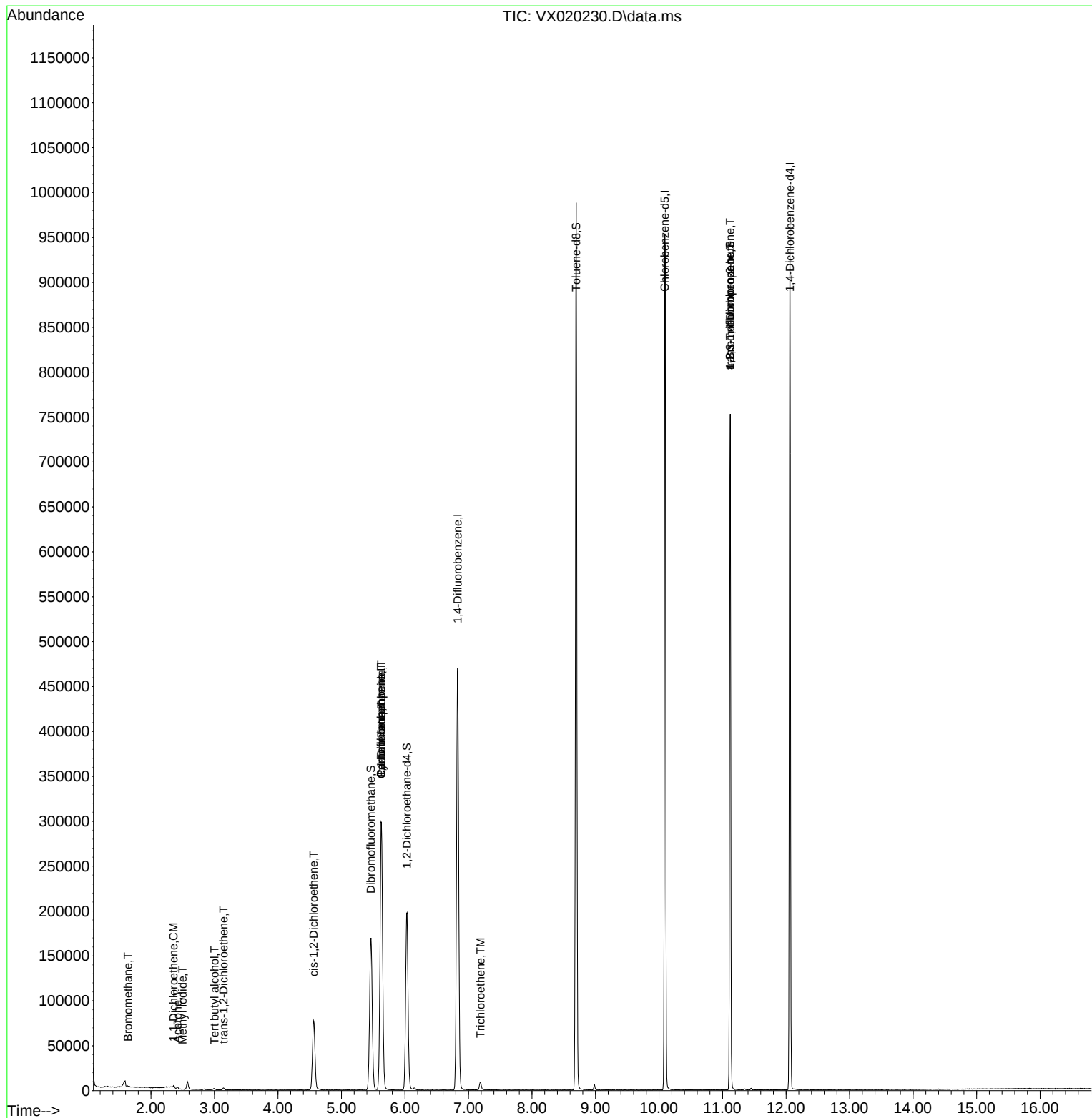
Internal Standards						
1) Pentafluorobenzene	5.623	168	283715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	479880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	442114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190580	50.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.22%
35) Dibromofluoromethane	5.464	113	151890	49.48	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.96%
50) Toluene-d8	8.695	98	587105	49.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.38%
62) 4-Bromofluorobenzene	11.122	95	204237	45.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.32%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	661	0.53	ug/l	88
10) Methyl Iodide	2.495	142	195	3.33	ug/l #	57
11) Tert butyl alcohol	3.001	59	1132	1.33	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	632	0.22	ug/l #	66
16) Acetone	2.416	43	1797	1.04	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	945	0.27	ug/l	91
27) cis-1,2-Dichloroethene	4.562	96	51632	13.01	ug/l	90
31) Cyclohexane	5.629	56	5720	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22221	4.69	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28465	6.31	ug/l #	16
44) Trichloroethene	7.190	130	3348	0.88	ug/l	81
76) 1,2,3-Trichloropropane	11.122	75	97637	20.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97637	61.93	ug/l #	12

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

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39-MWRE3S-121420

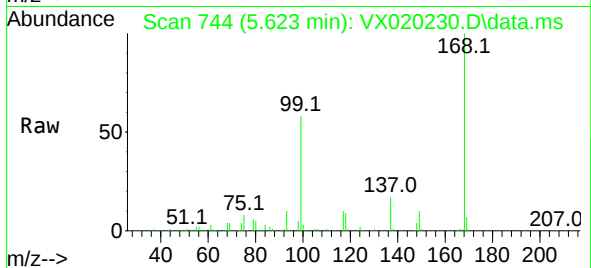
Quant Time: Dec 21 02:52:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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QLast Update : Fri Dec 18 13:09:49 2020
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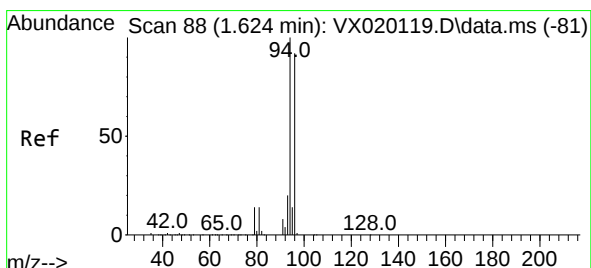
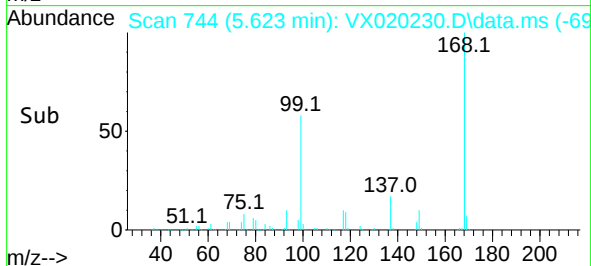
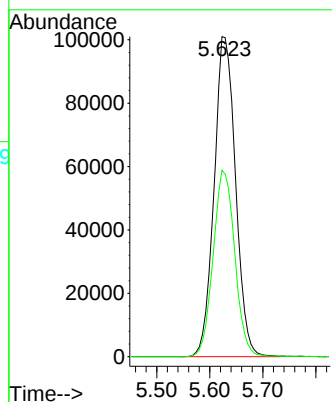


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

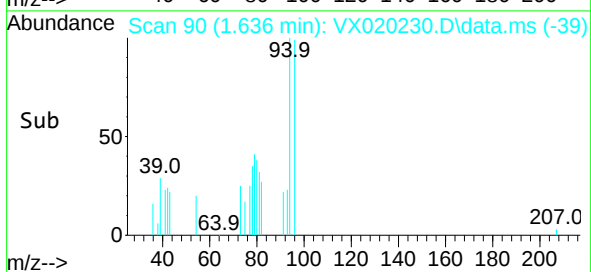
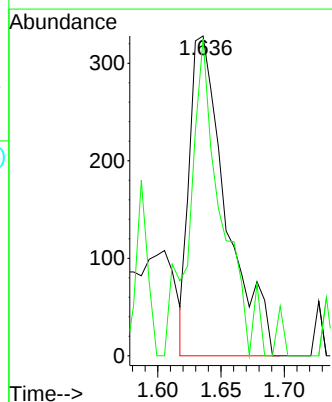
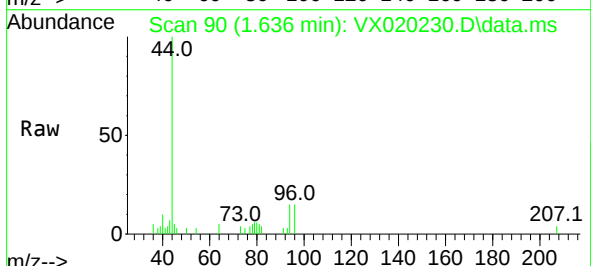


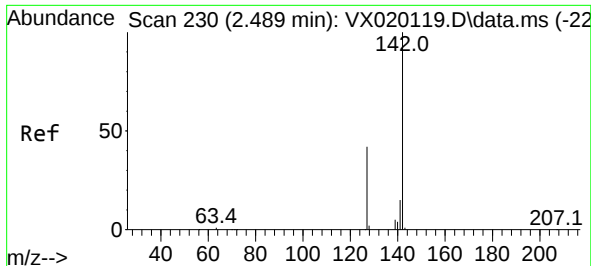
Tgt Ion:168 Resp: 283715
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

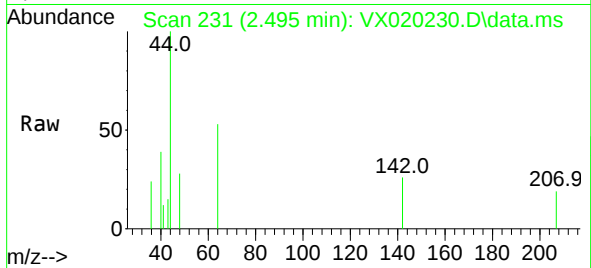
Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 83.5 76.4 114.6



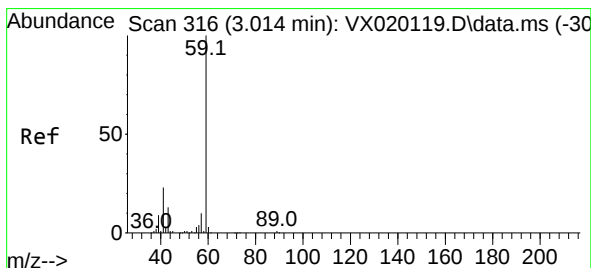
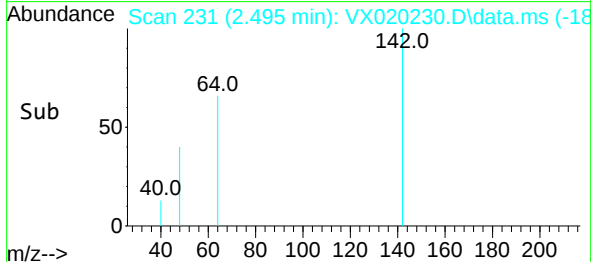
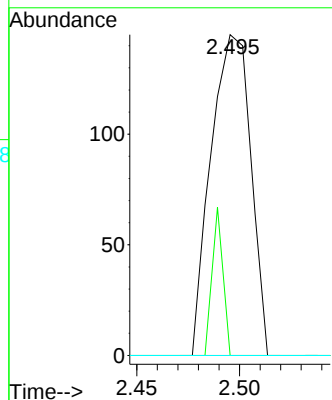


#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

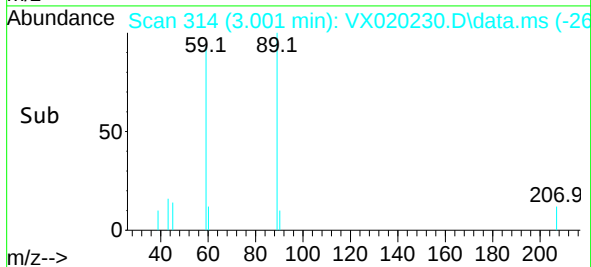
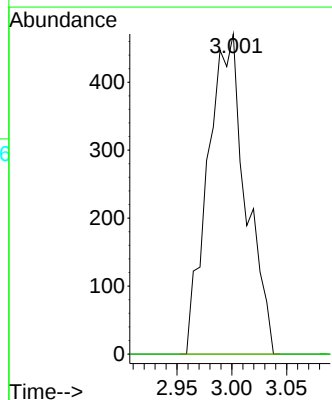
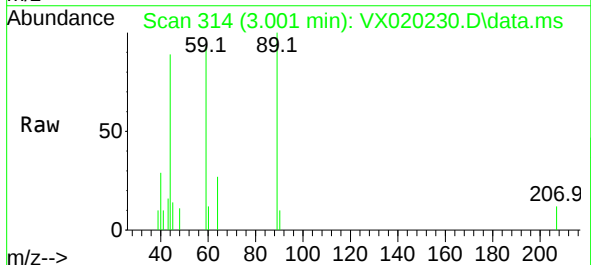


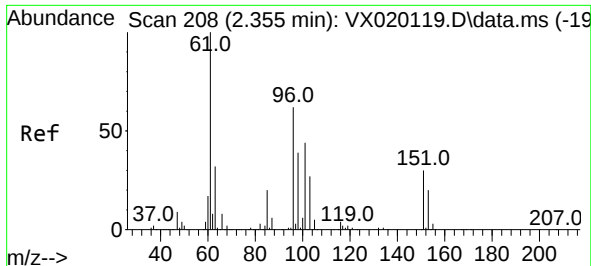
Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 12.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.33 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.22 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX020230.D

Acq: 20 Dec 2020 15:37

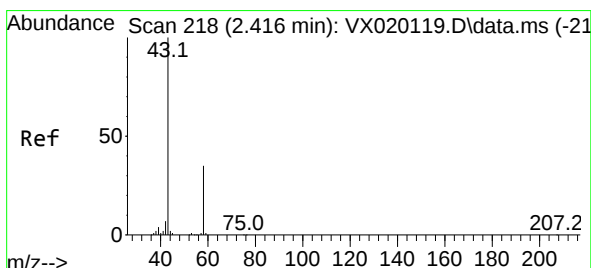
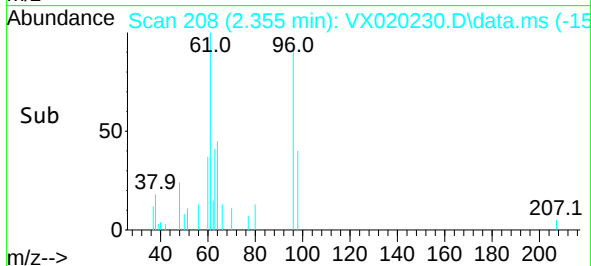
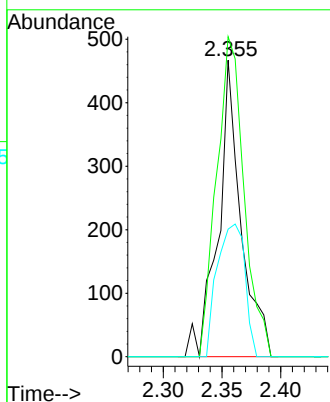
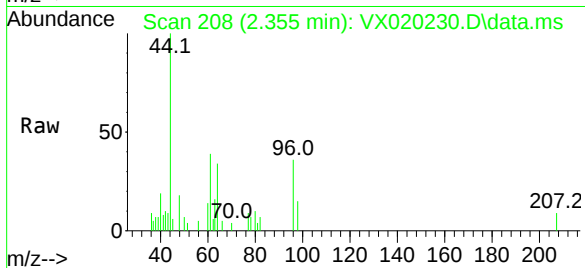
Instrument :

MSVOA_X

ClientSampleId :

39-MWRE3S-121420

Tgt Ion:	96	Resp:	632
Ion	Ratio	Lower	Upper
96	100		
61	107.9	124.6	187.0#
98	43.0	50.6	76.0#



#16

Acetone

Concen: 1.04 ug/l

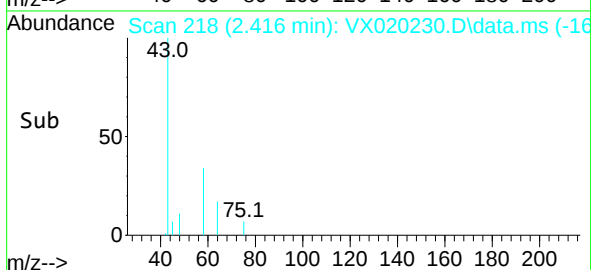
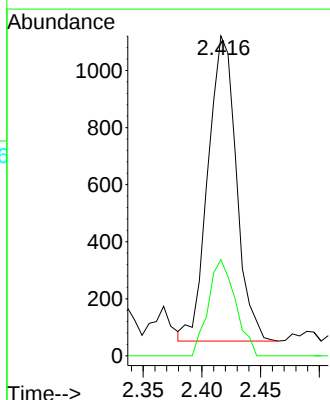
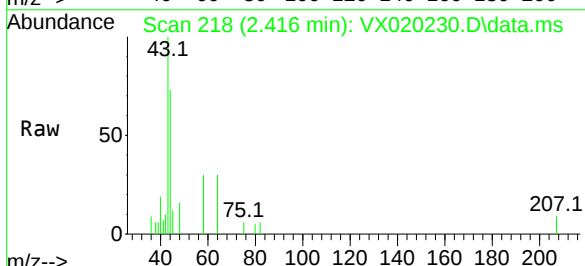
RT: 2.416 min Scan# 218

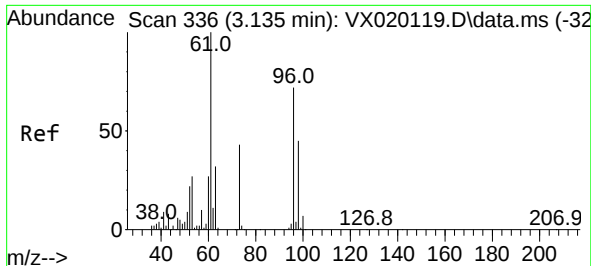
Delta R.T. 0.000 min

Lab File: VX020230.D

Acq: 20 Dec 2020 15:37

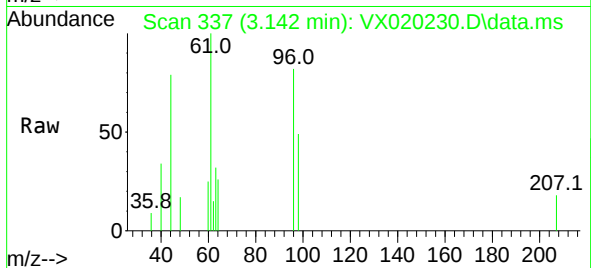
Tgt Ion:	43	Resp:	1797
Ion	Ratio	Lower	Upper
43	100		
58	31.5	27.8	41.8



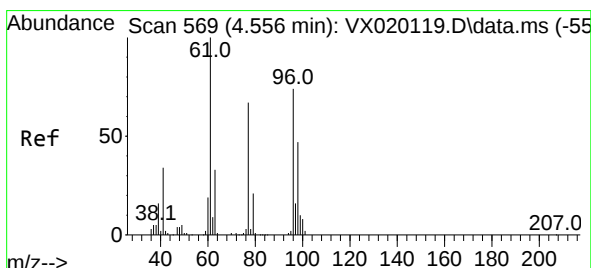
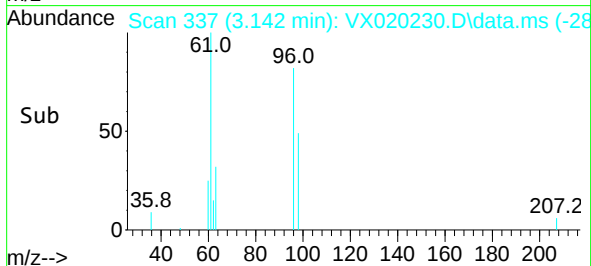
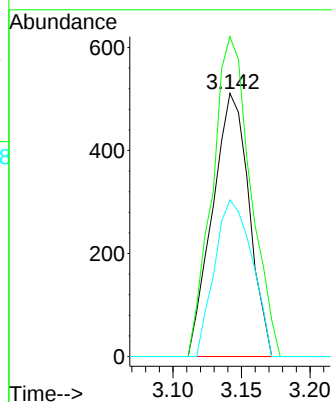


#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

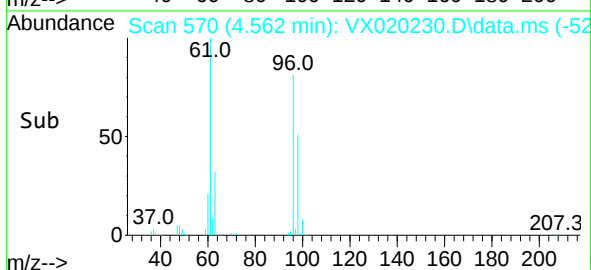
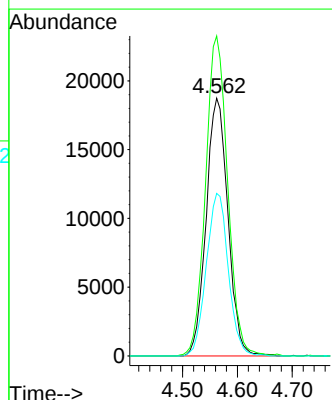
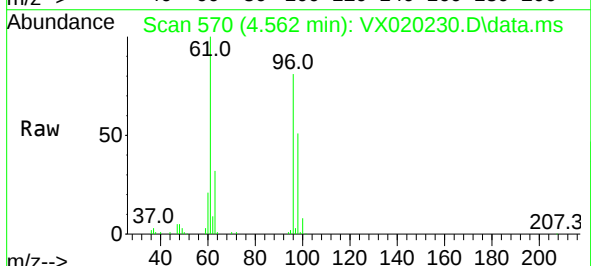


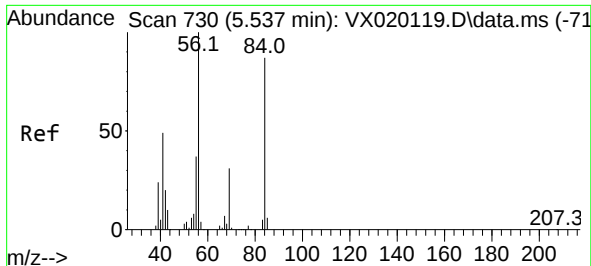
Tgt Ion: 96 Resp: 945
Ion Ratio Lower Upper
96 100
61 121.5 107.7 161.5
98 59.5 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 13.01 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

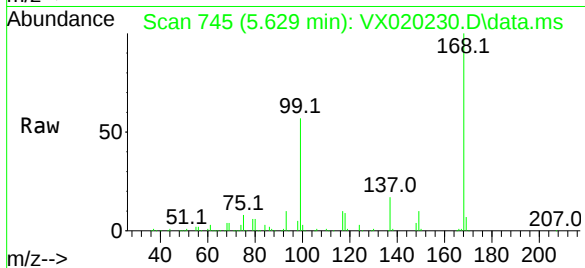
Tgt Ion: 96 Resp: 51632
Ion Ratio Lower Upper
96 100
61 126.1 0.0 285.6
98 63.8 0.0 129.6



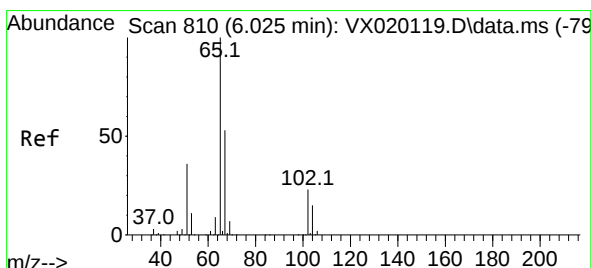
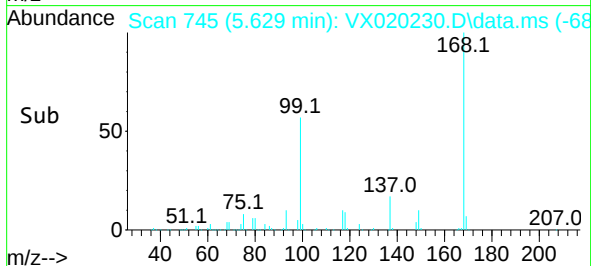
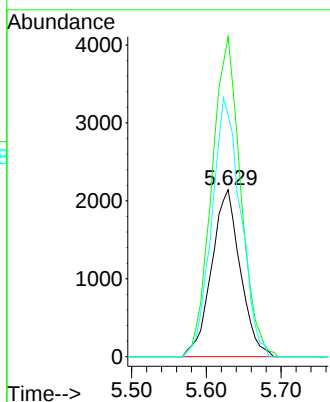


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
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ClientSampleId :
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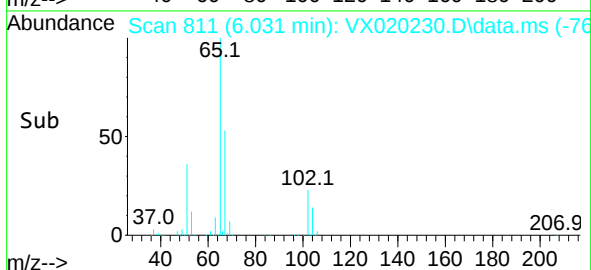
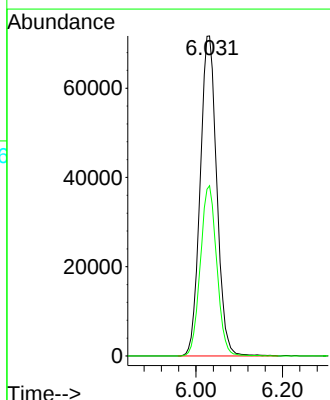
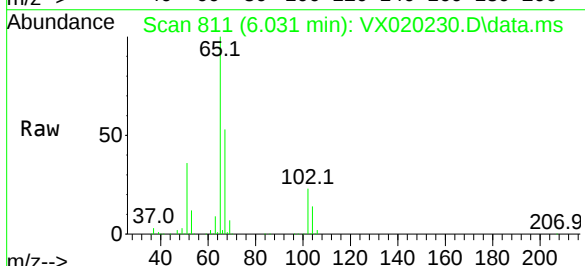


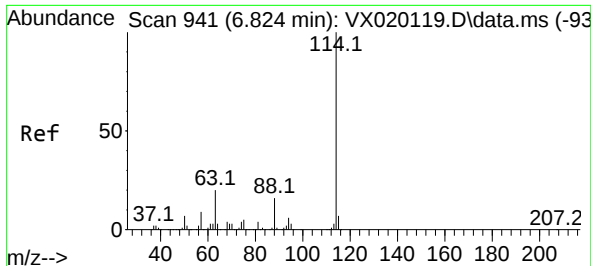
Tgt Ion	Ratio	Lower	Upper
56	100		
69	191.6	25.3	37.9#
84	144.6	71.4	107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.11 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

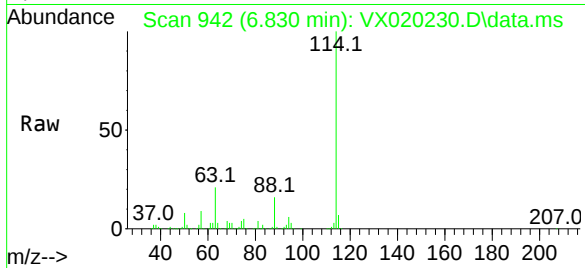
Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4



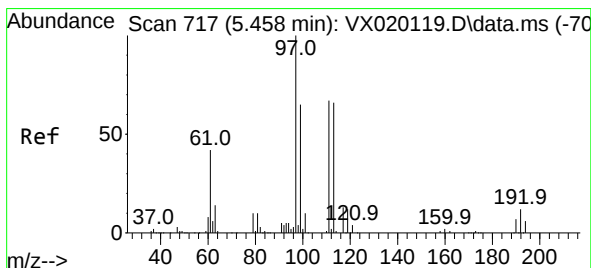
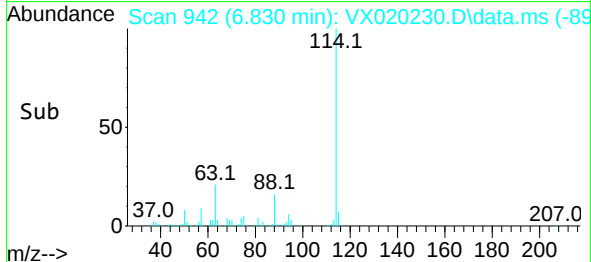
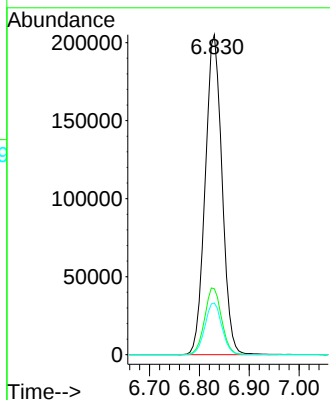


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
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ClientSampleId :
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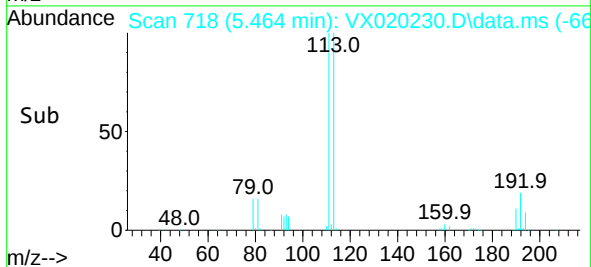
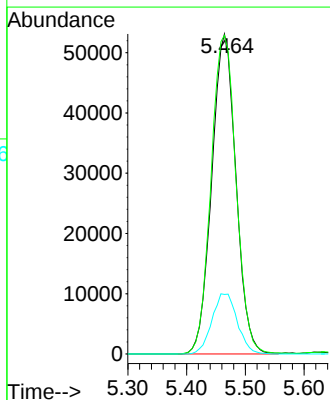
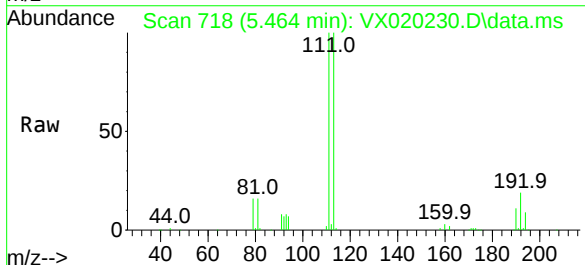


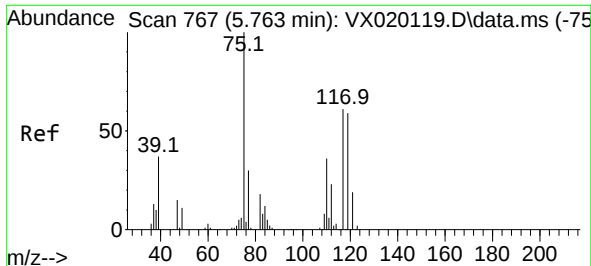
Tgt Ion:114 Resp: 479880
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.48 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

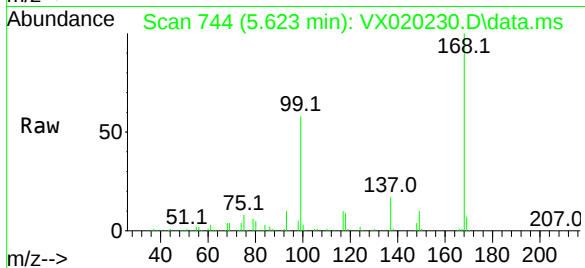
Tgt Ion:113 Resp: 151890
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.7 16.7 25.1



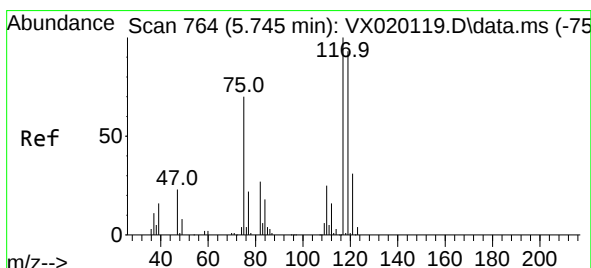
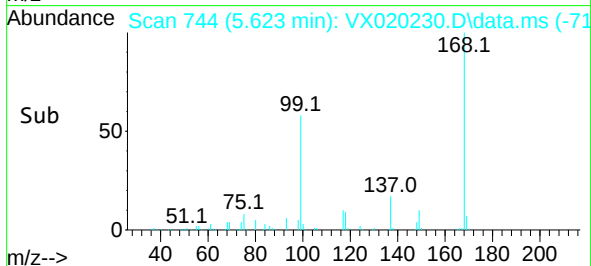
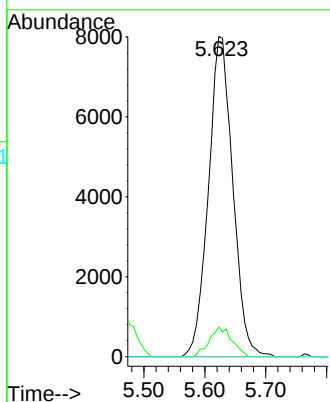


#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :
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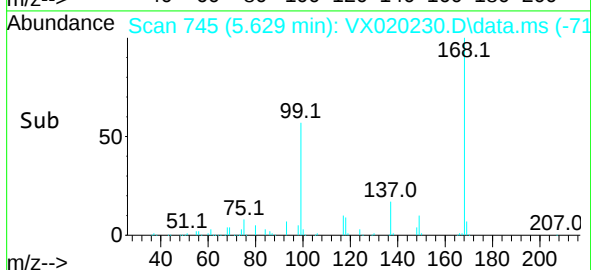
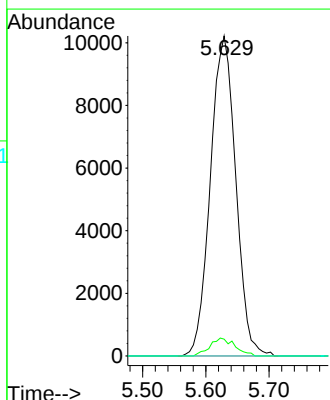
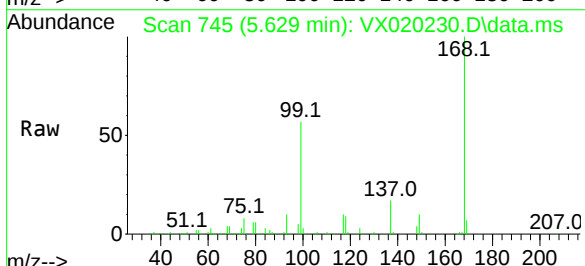


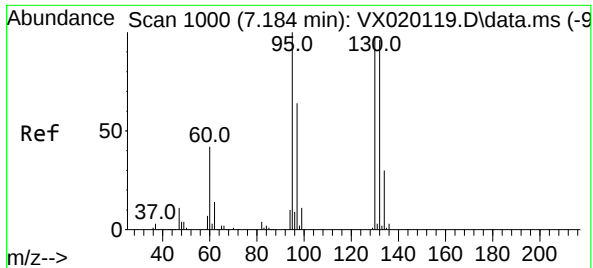
Tgt Ion: 75 Resp: 22221
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 117 Resp: 28465
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

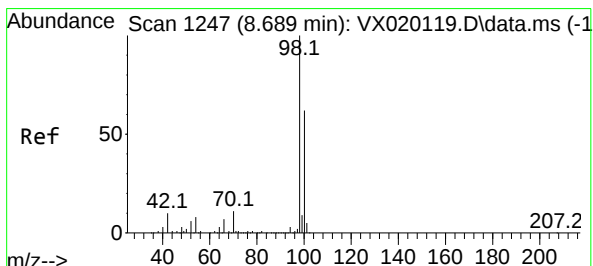
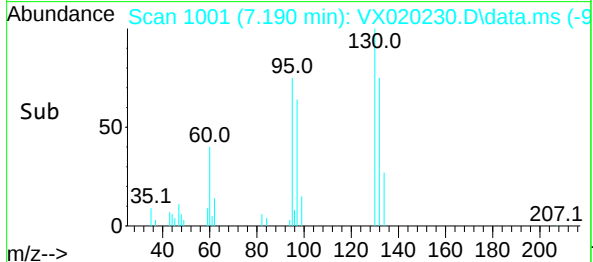
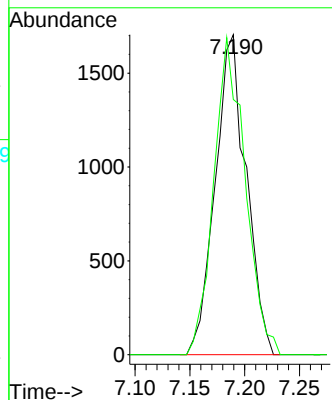
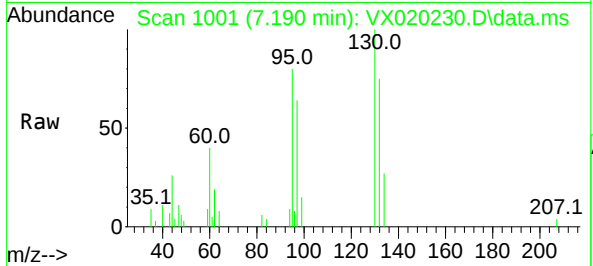




#44
Trichloroethene
Concen: 0.88 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

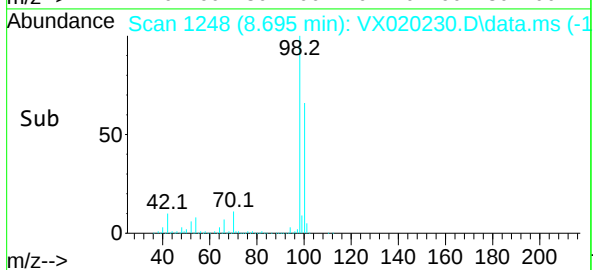
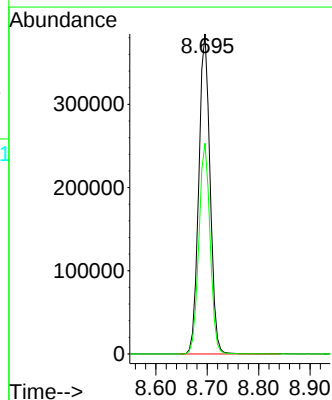
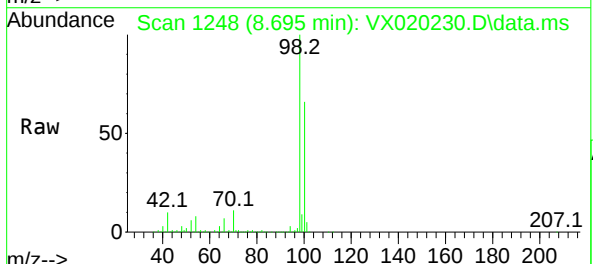
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

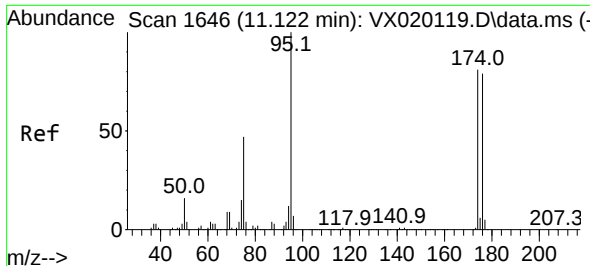
Tgt Ion:130 Resp: 3348
Ion Ratio Lower Upper
130 100
95 79.8 0.0 198.0



#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 98 Resp: 587105
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

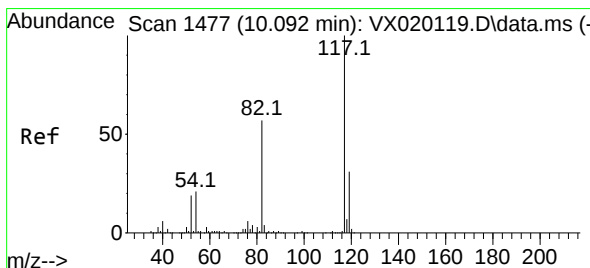
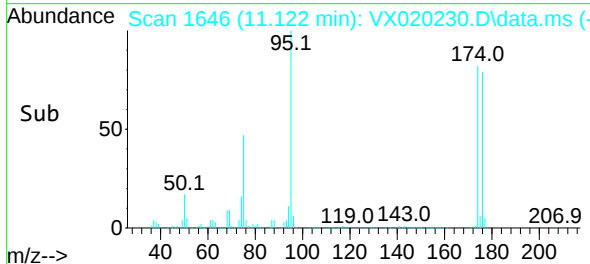
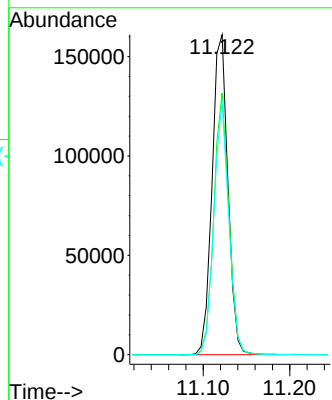
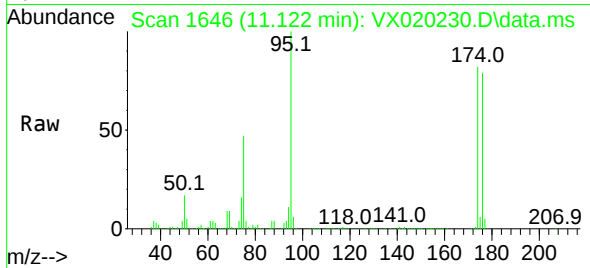




#62
4-Bromofluorobenzene
Concen: 45.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

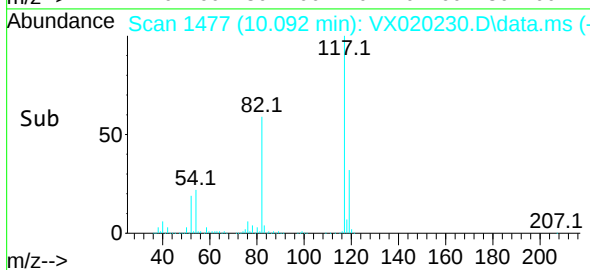
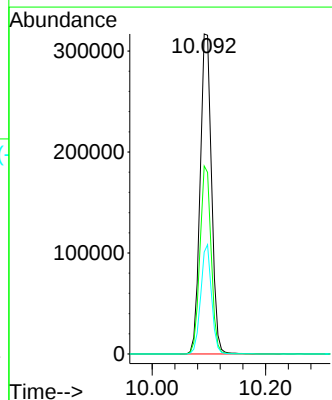
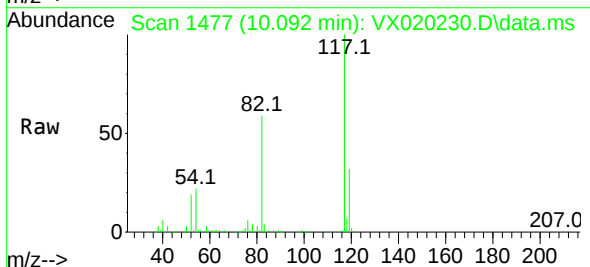
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

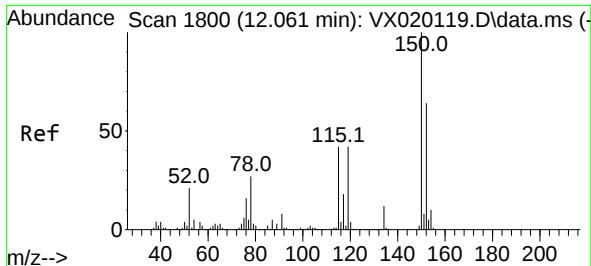
Tgt Ion: 95 Resp: 204237
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

Tgt Ion: 117 Resp: 442114
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.9 26.6 39.8

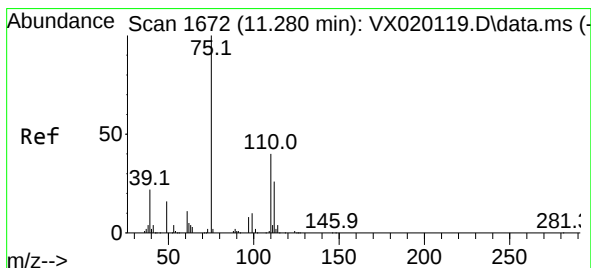
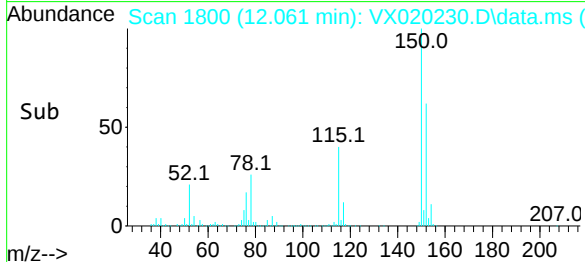
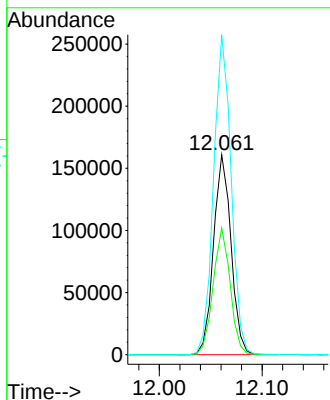
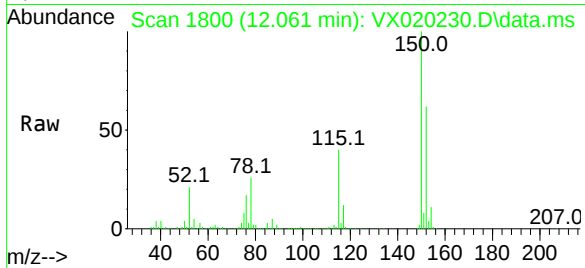




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

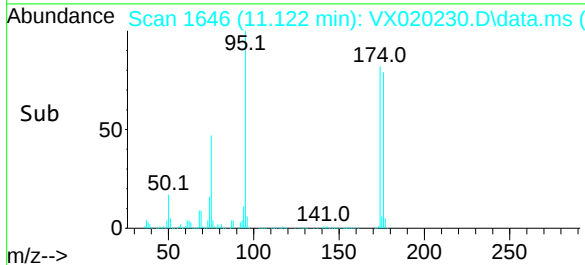
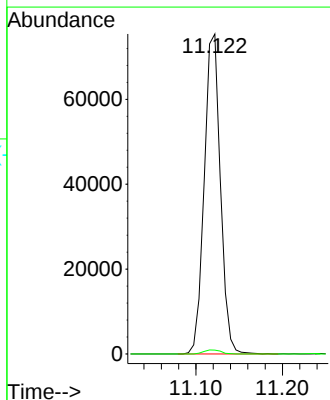
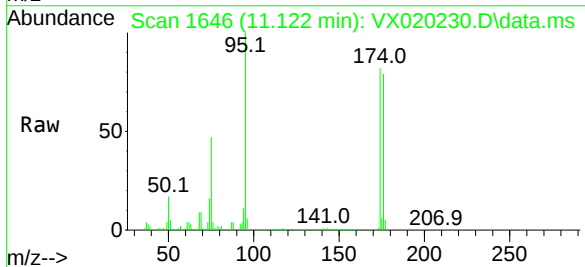
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

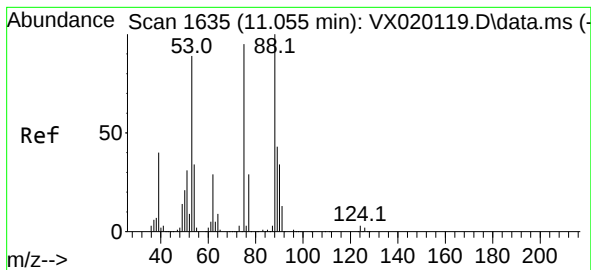
Tgt Ion:152 Resp: 189892
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 161.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.87 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020230.D
Acq: 20 Dec 2020 15:37

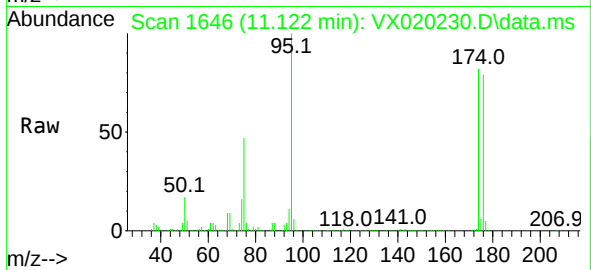
Tgt Ion: 75 Resp: 97637
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.93 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020230.D
 Acq: 20 Dec 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420



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

