

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020365.D
 Acq On : 24 Dec 2020 02:24
 Operator : JC/MD
 Sample : L5095-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420

Quant Time: Dec 24 05:36:04 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)

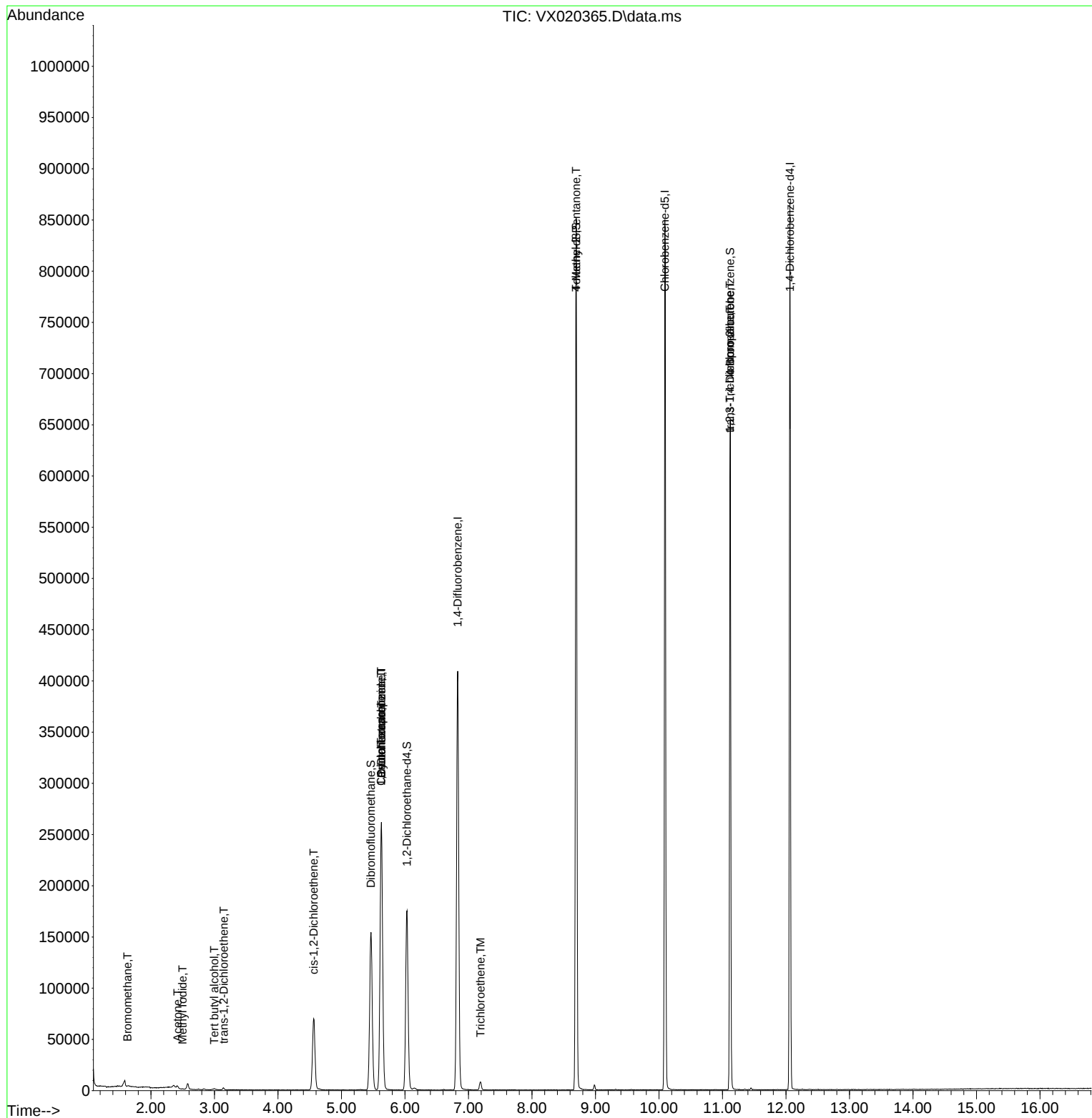
Internal Standards						
1) Pentafluorobenzene	5.629	168	246181	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	417455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	403391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	172756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	168089	50.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.88%			
35) Dibromofluoromethane	5.465	113	135339	50.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.36%			
50) Toluene-d8	8.696	98	503809	49.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.02%			
62) 4-Bromofluorobenzene	11.122	95	182208	46.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.62%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	534	0.49	ug/l	95
10) Methyl Iodide	2.496	142	223	3.35	ug/l #	76
11) Tert butyl alcohol	2.995	59	932	1.26	ug/l #	73
16) Acetone	2.416	43	1959	1.30	ug/l	94
21) trans-1,2-Dichloroethene	3.148	96	851	0.28	ug/l #	72
27) cis-1,2-Dichloroethene	4.562	96	47624	13.83	ug/l	88
31) Cyclohexane	5.629	56	4868	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19461	4.72	ug/l #	48
38) Carbon Tetrachloride	5.623	117	24814	6.32	ug/l #	16
44) Trichloroethene	7.190	130	3310	1.00	ug/l	87
51) 4-Methyl-2-Pentanone	8.696	43	2069	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	88337	20.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	88337	61.59	ug/l #	12

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

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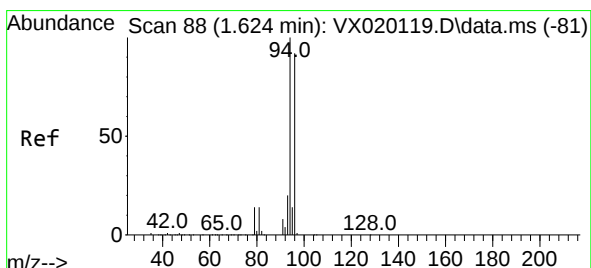
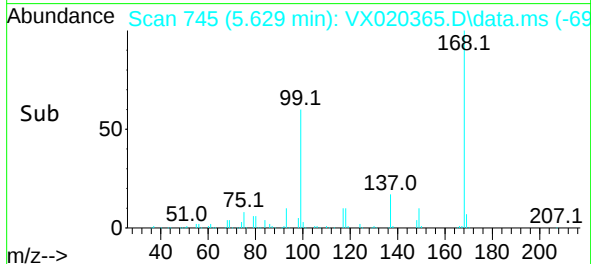
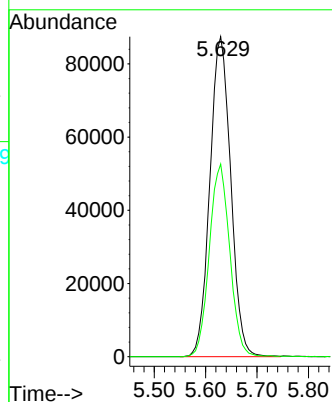
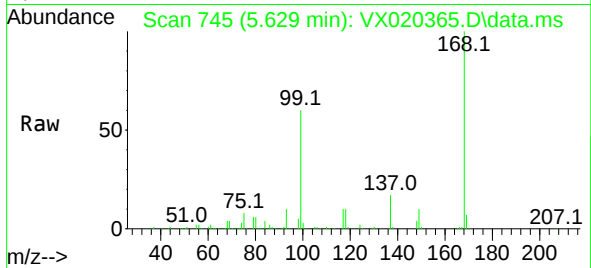




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

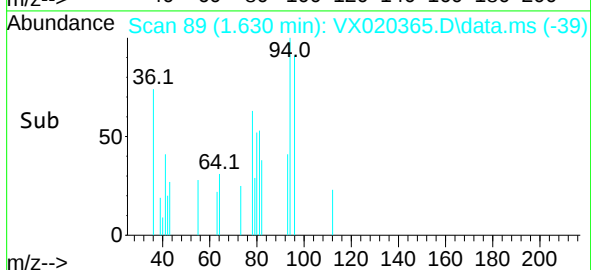
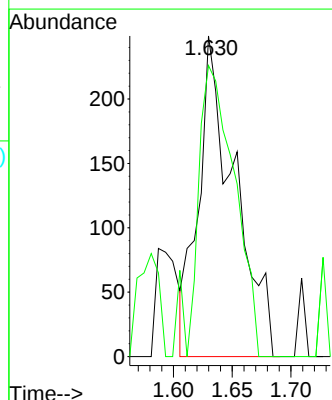
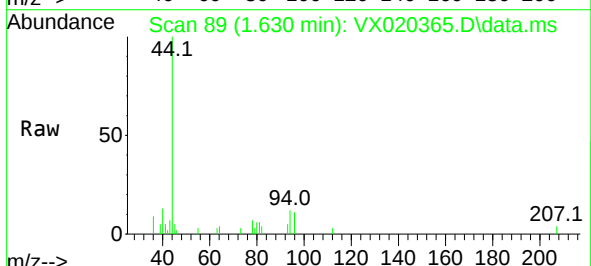
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

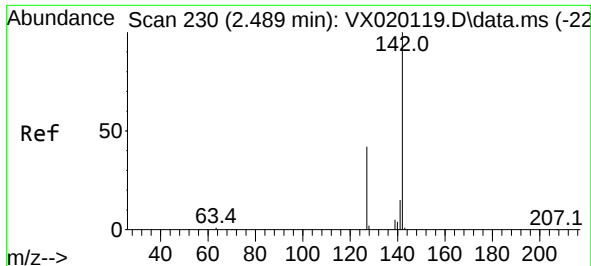
Tgt Ion:168 Resp: 246181
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

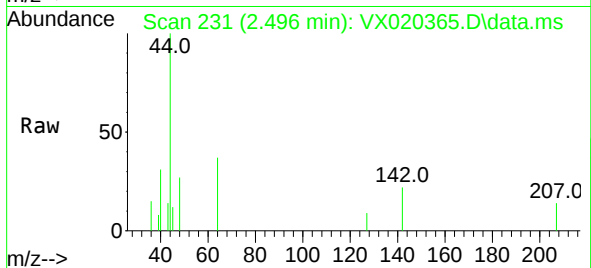
Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 90.8 76.4 114.6



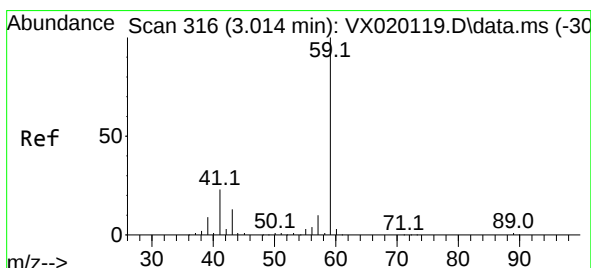
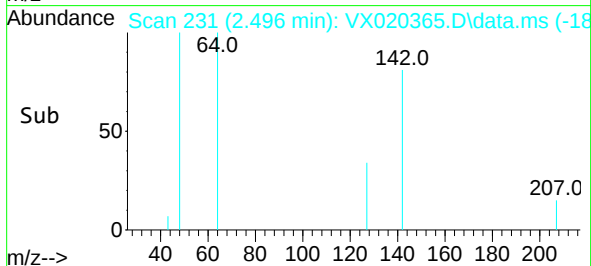
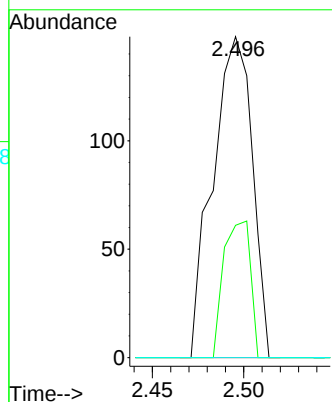


#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

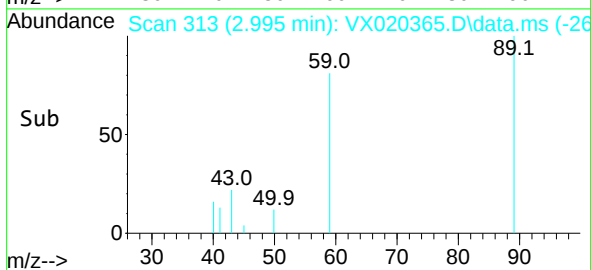
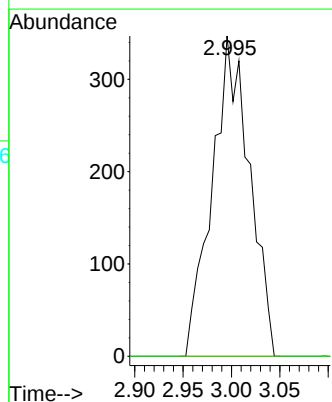
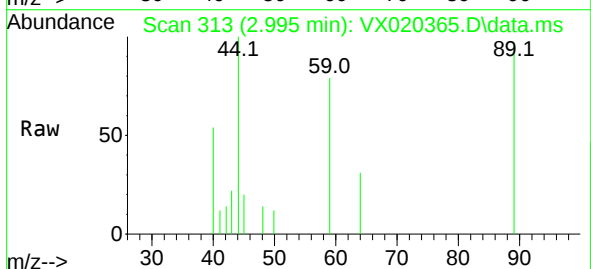


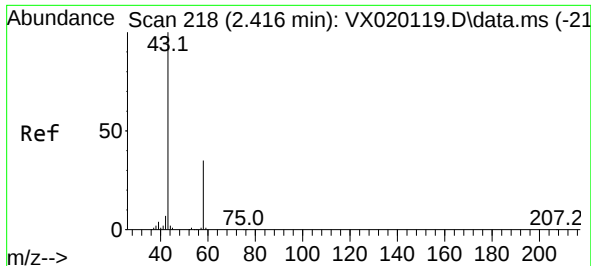
Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 28.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.26 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Tgt Ion: 59 Resp: 932
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

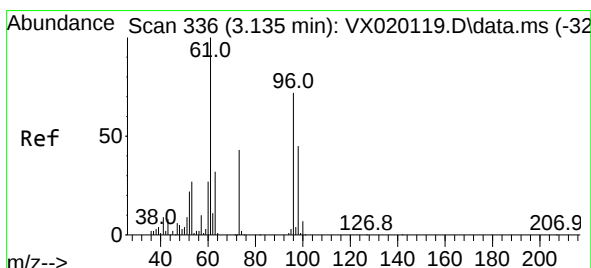
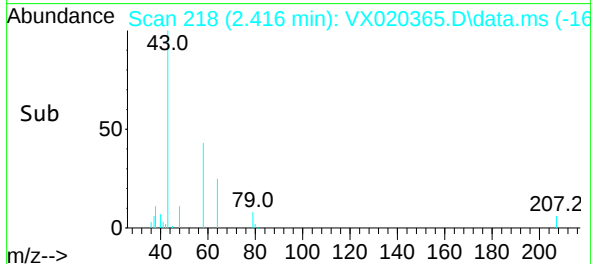
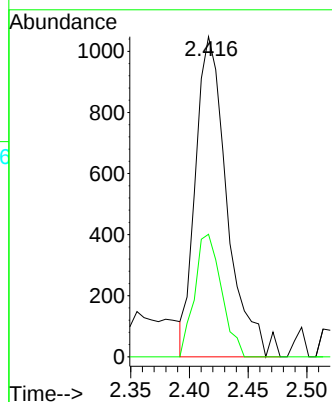
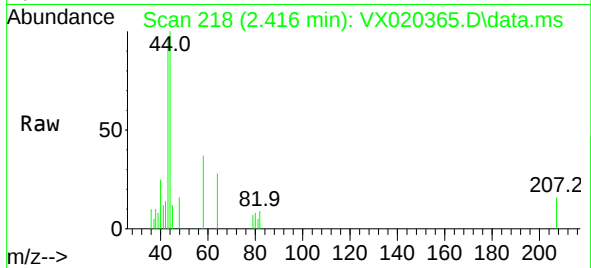




#16
Acetone
Concen: 1.30 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

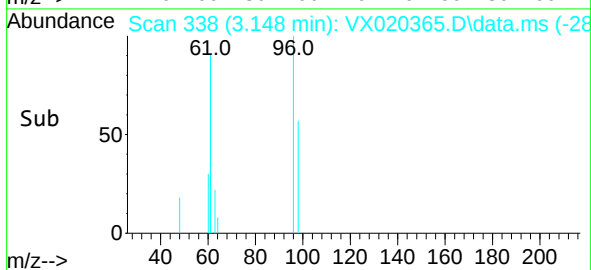
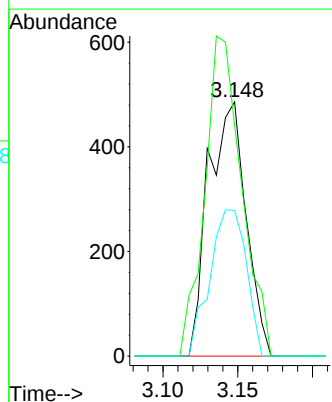
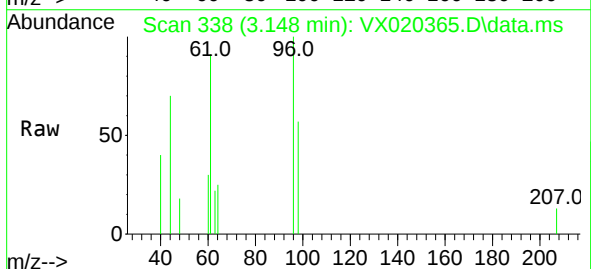
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

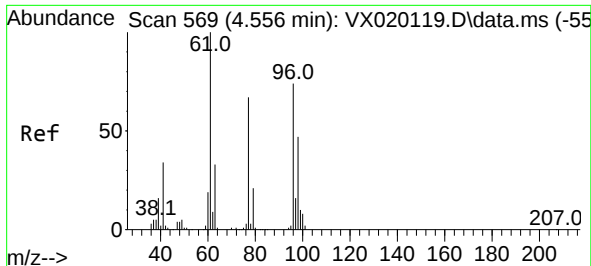
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 38.3 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 3.148 min Scan# 338
Delta R.T. 0.013 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

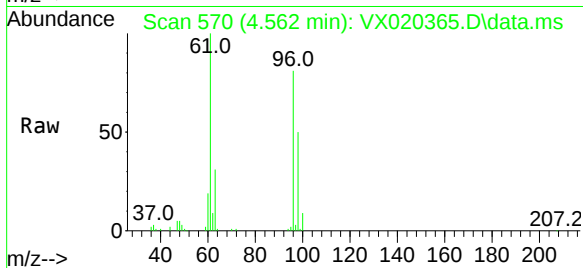
Tgt Ion: 96 Resp: 851
Ion Ratio Lower Upper
96 100
61 90.7 107.7 161.5#
98 57.2 50.4 75.6



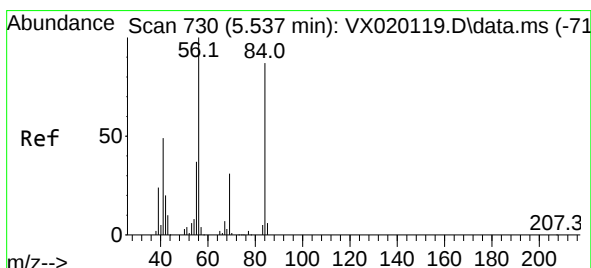
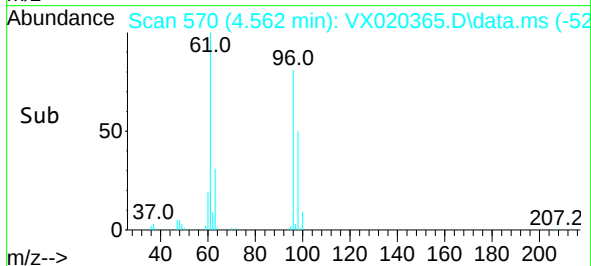
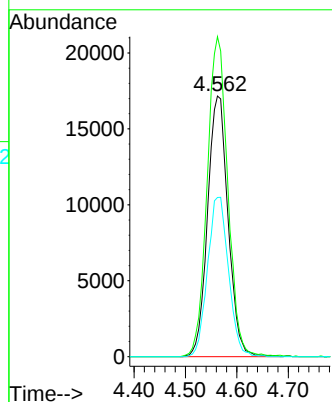


#27
cis-1,2-Dichloroethene
Concen: 13.83 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

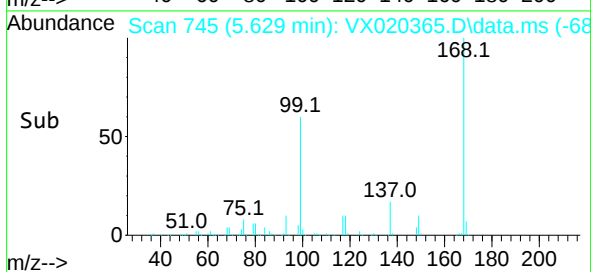
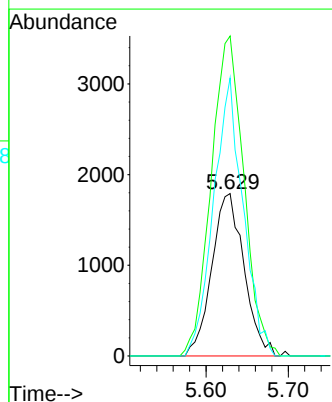
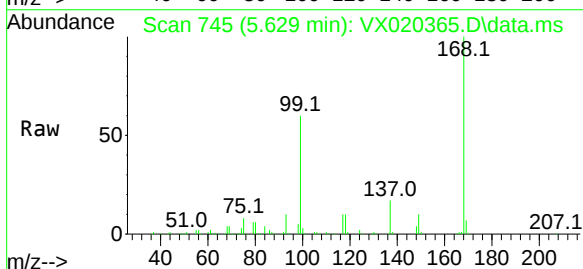


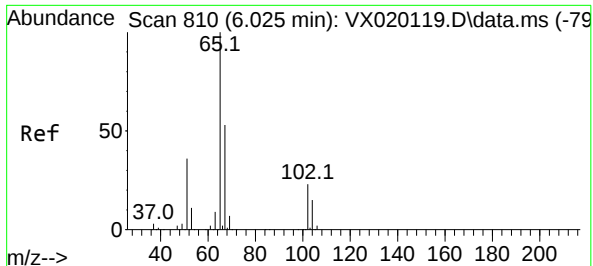
Tgt Ion: 96	Resp: 47624
Ion Ratio	Lower Upper
96 100	
61 123.5	0.0 285.6
98 62.5	0.0 129.6



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Tgt Ion: 56	Resp: 4868
Ion Ratio	Lower Upper
56 100	
69 197.0	25.3 37.9#
84 171.2	71.4 107.0#

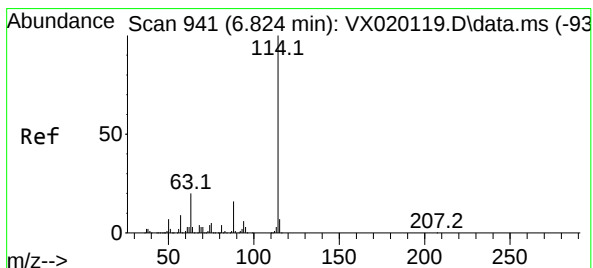
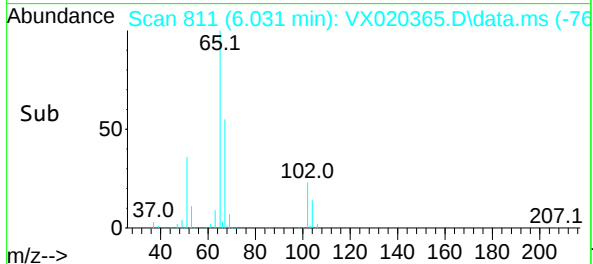
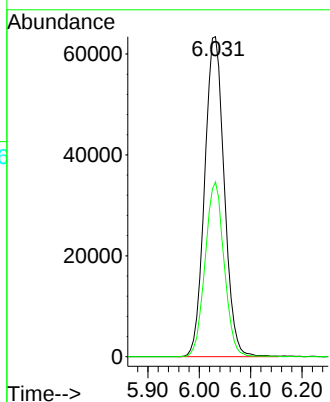
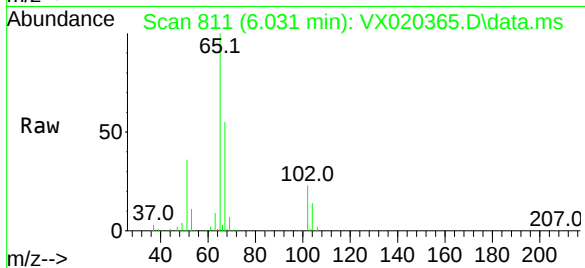




#33
1,2-Dichloroethane-d4
Concen: 50.94 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

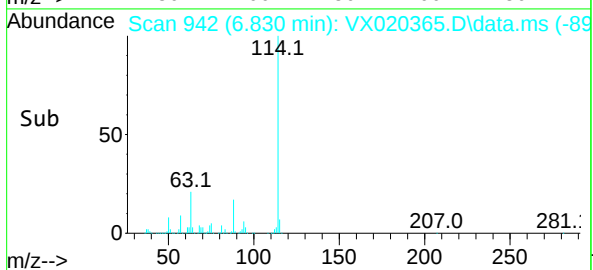
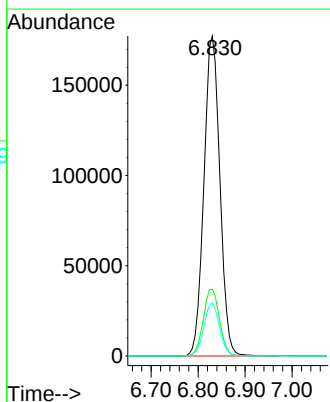
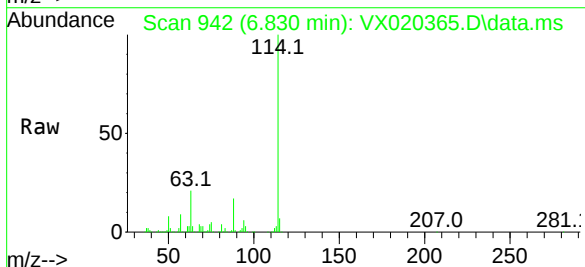
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ClientSampleId :
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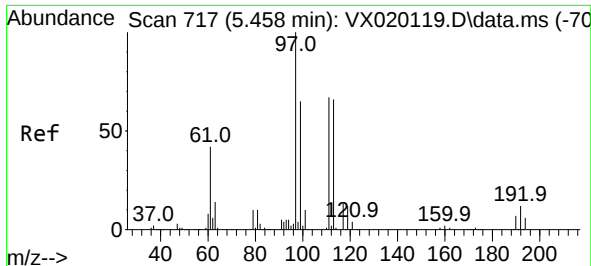
Tgt Ion: 65 Resp: 168089
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

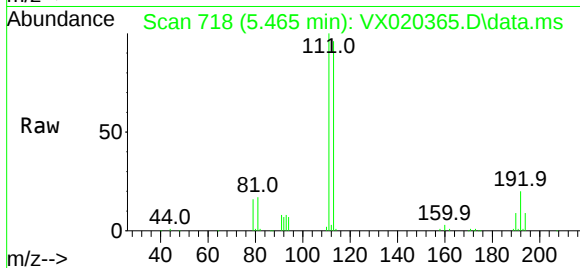
Tgt Ion: 114 Resp: 417455
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.6 0.0 32.8



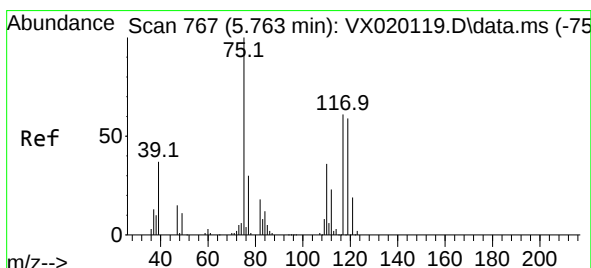
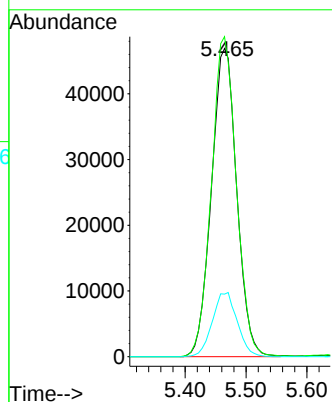
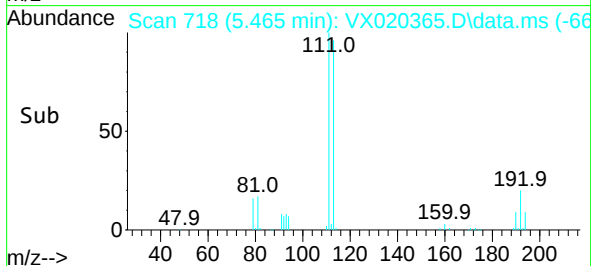


#35
Dibromofluoromethane
Concen: 50.68 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

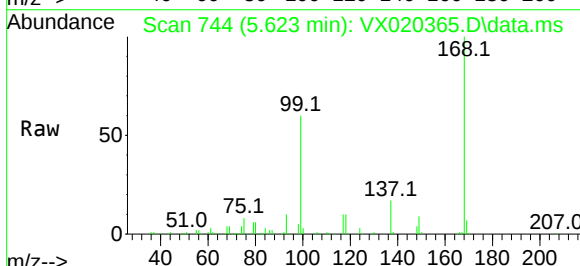
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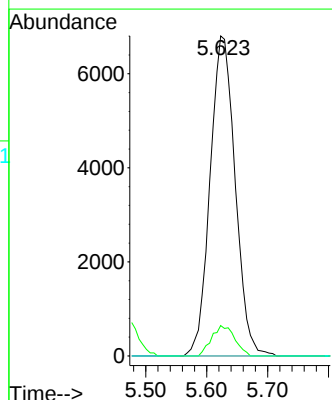
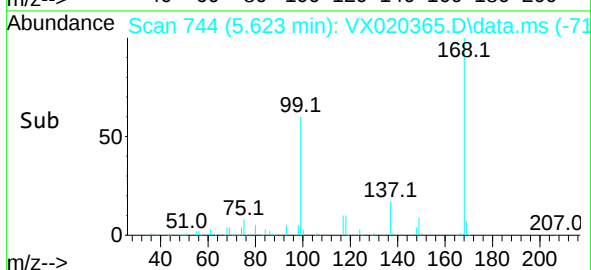
Tgt Ion:113 Resp: 135339
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.5 16.7 25.1

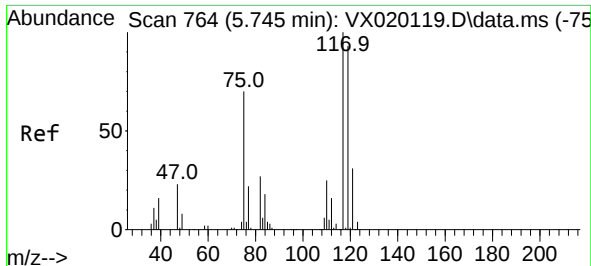


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24



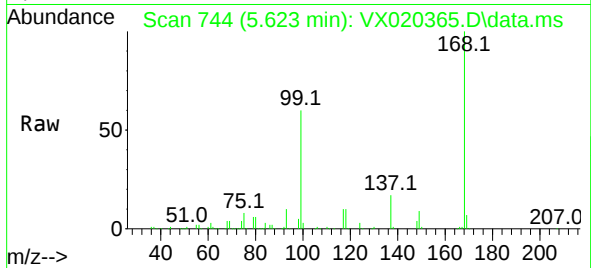
Tgt Ion: 75 Resp: 19461
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



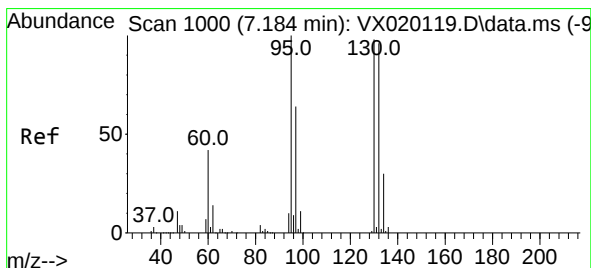
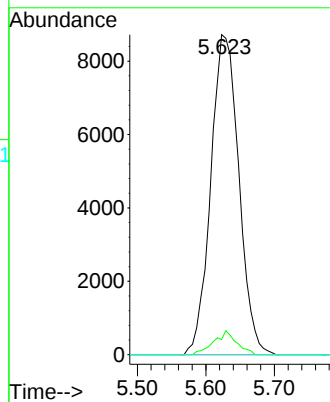
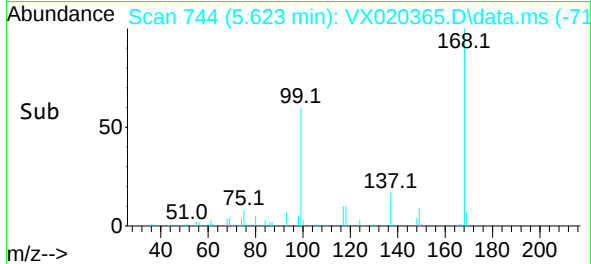


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

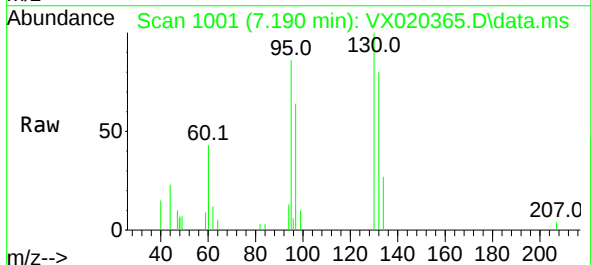
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420



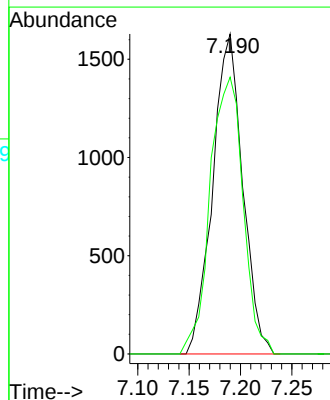
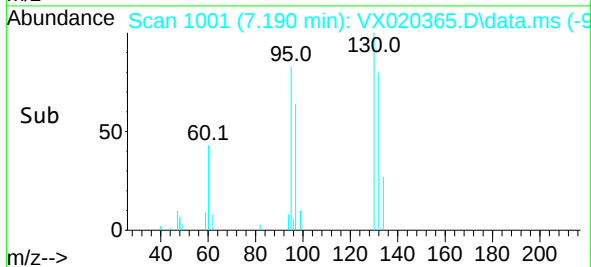
Tgt Ion:117 Resp: 24814
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

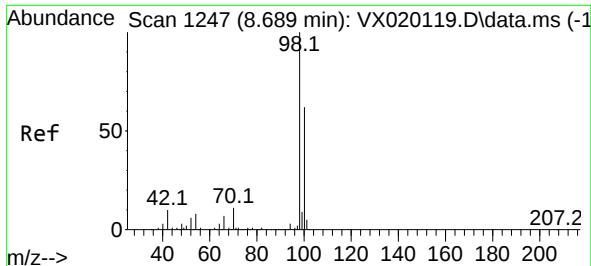


#44
Trichloroethene
Concen: 1.00 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24



Tgt Ion:130 Resp: 3310
Ion Ratio Lower Upper
130 100
95 86.5 0.0 198.0

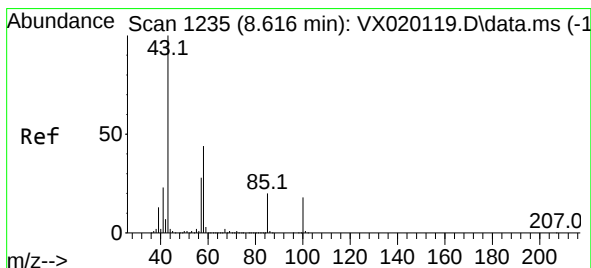
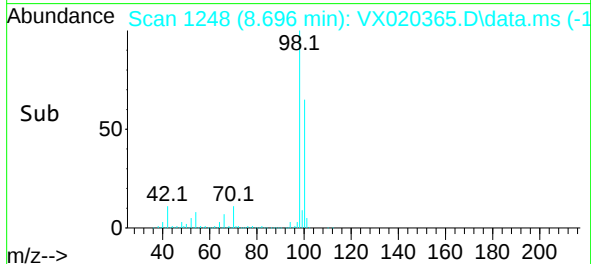
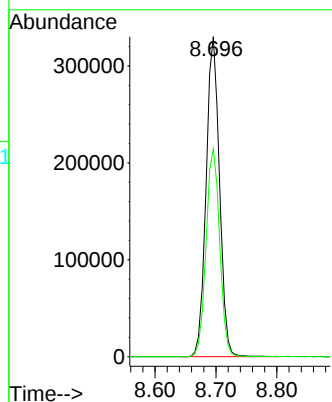
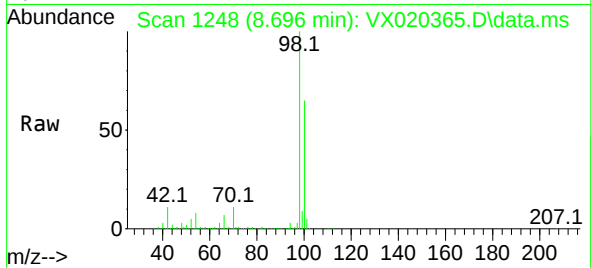




#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

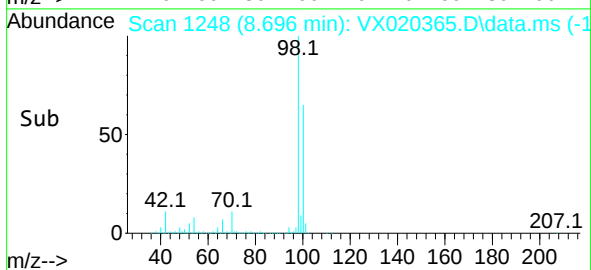
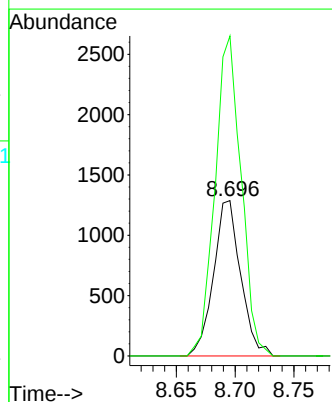
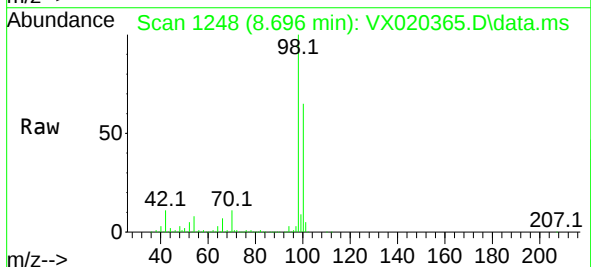
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

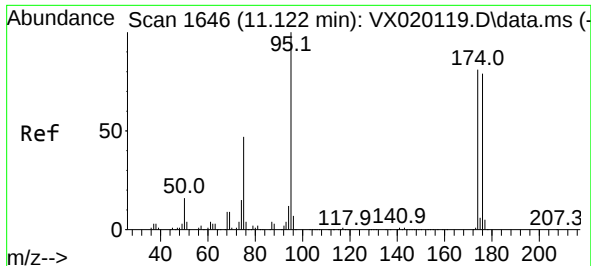
Tgt Ion: 98 Resp: 503809
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 198.2 35.4 53.0#

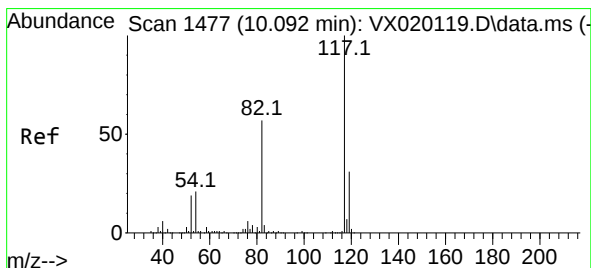
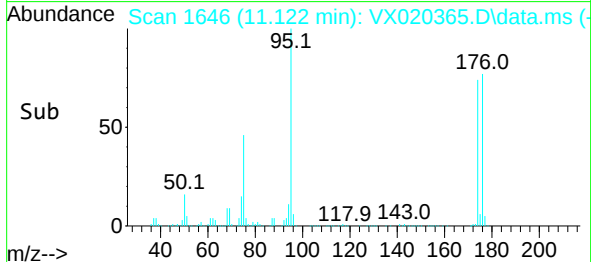
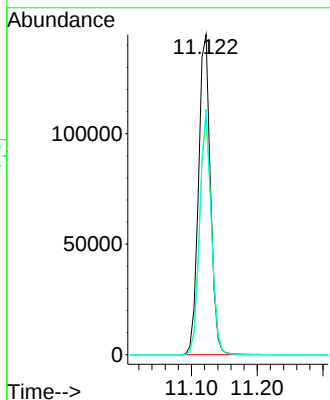
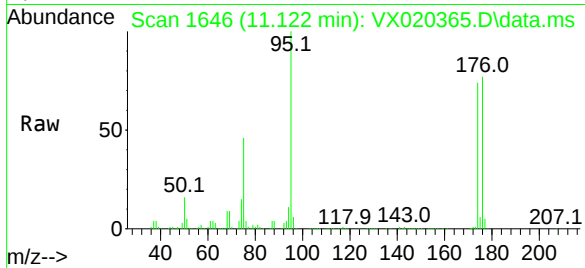




#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

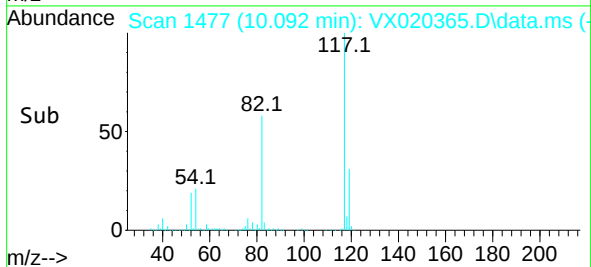
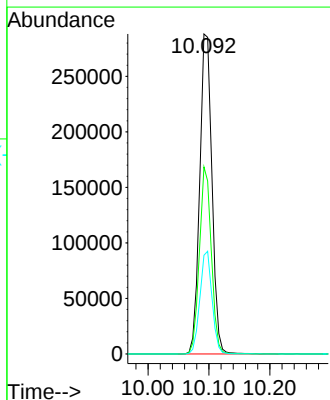
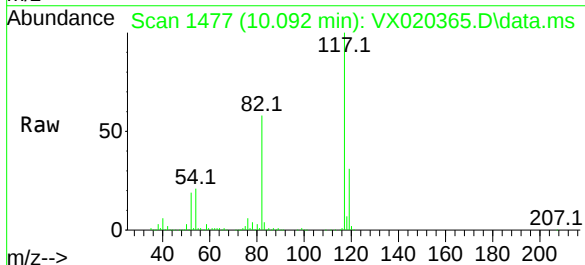
Instrument :
MSVOA_X
ClientSampleId :
39-MWRE3S-121420

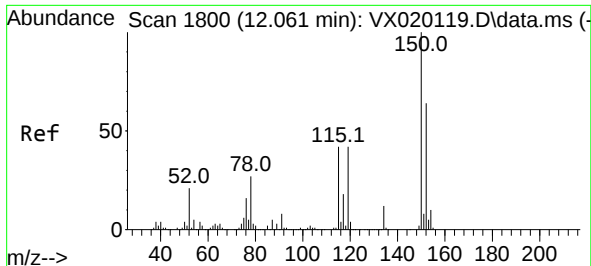
Tgt Ion: 95 Resp: 182208
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020365.D
Acq: 24 Dec 2020 02:24

Tgt Ion: 117 Resp: 403391
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 30.9 26.6 39.8

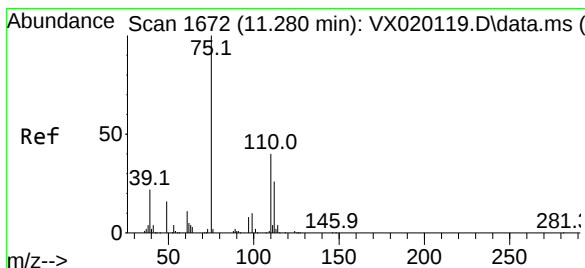
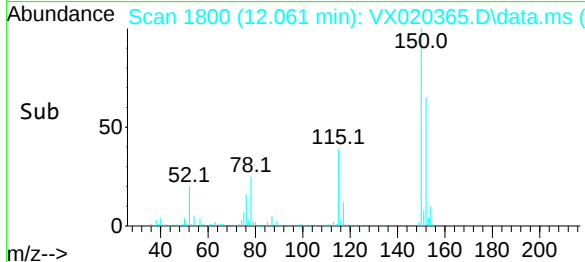
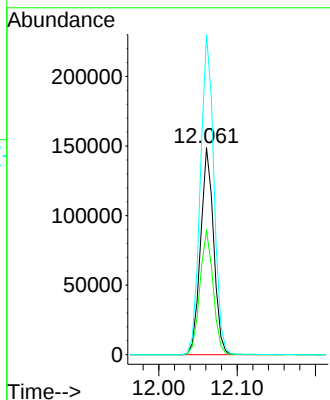
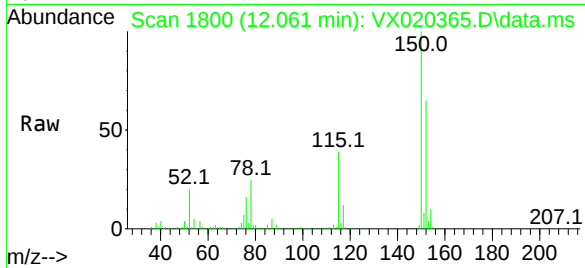




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020365.D
 Acq: 24 Dec 2020 02:24

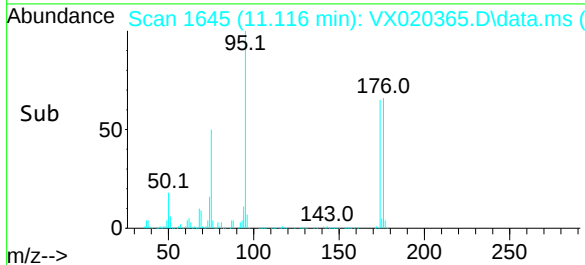
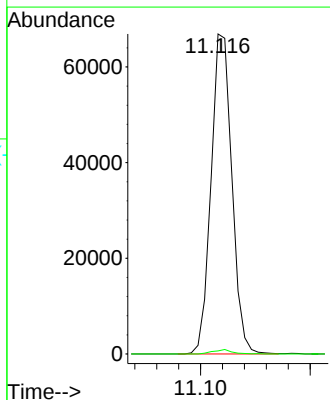
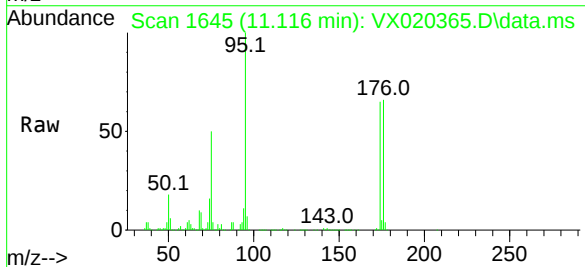
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420

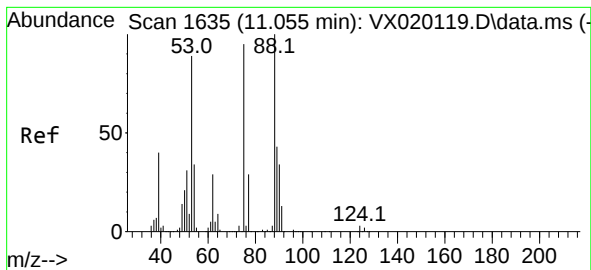
Tgt Ion:152 Resp: 172756
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 159.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.76 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX020365.D
 Acq: 24 Dec 2020 02:24

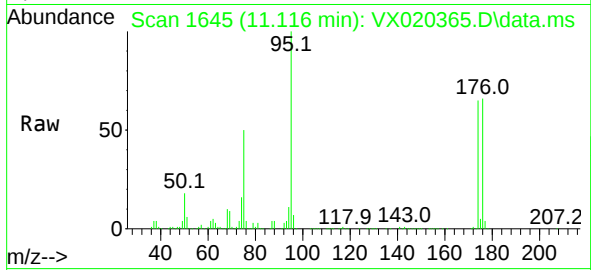
Tgt Ion: 75 Resp: 88337
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.59 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020365.D
 Acq: 24 Dec 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWRE3S-121420



Tgt Ion: 75 Resp: 88337
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

