

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020369.D
 Acq On : 24 Dec 2020 03:58
 Operator : JC/MD
 Sample : L5095-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420

Quant Time: Dec 24 05:37:18 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)

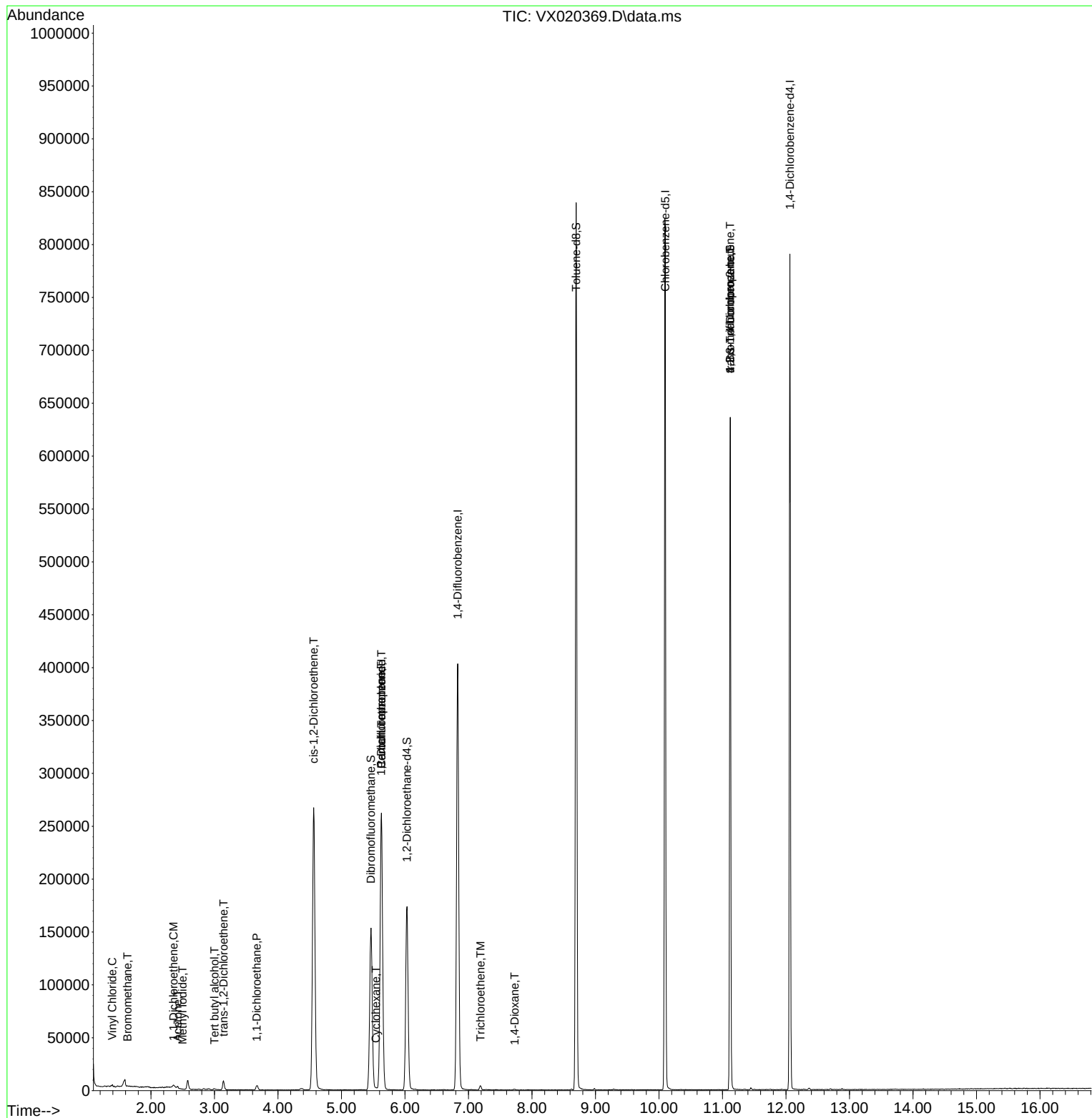
Internal Standards						
1) Pentafluorobenzene	5.629	168	248687	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	408635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	385687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	157739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	164460	49.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.68%		
35) Dibromofluoromethane	5.465	113	133319	51.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.00%		
50) Toluene-d8	8.696	98	497052	49.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.80%		
62) 4-Bromofluorobenzene	11.122	95	172073	44.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.36%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1154	0.34	ug/l	97
5) Bromomethane	1.630	94	366	0.33	ug/l	86
10) Methyl Iodide	2.496	142	134	3.32	ug/l #	42
11) Tert butyl alcohol	3.002	59	722	0.97	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	699	0.28	ug/l	93
16) Acetone	2.416	43	2340	1.54	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	3261	1.06	ug/l	96
24) 1,1-Dichloroethane	3.666	63	4747	0.88	ug/l #	94
27) cis-1,2-Dichloroethene	4.562	96	177043	50.89	ug/l	90
31) Cyclohexane	5.544	56	1082	0.24	ug/l	95
36) 1,1-Dichloropropene	5.623	75	19268	4.77	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24530	6.39	ug/l #	17
44) Trichloroethene	7.190	130	1435	0.44	ug/l	94
49) 1,4-Dioxane	7.726	88	447	5.88	ug/l #	85
76) 1,2,3-Trichloropropane	11.122	75	84853	21.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	84853	64.79	ug/l #	12

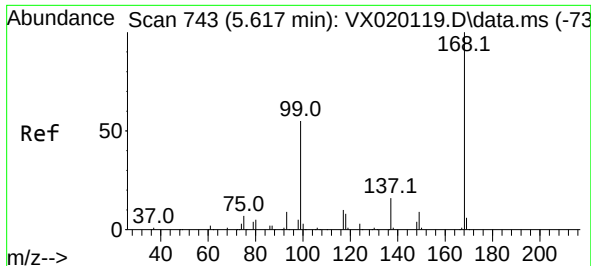
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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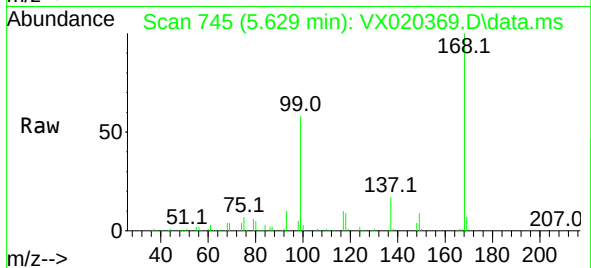
Quant Time: Dec 24 05:37:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



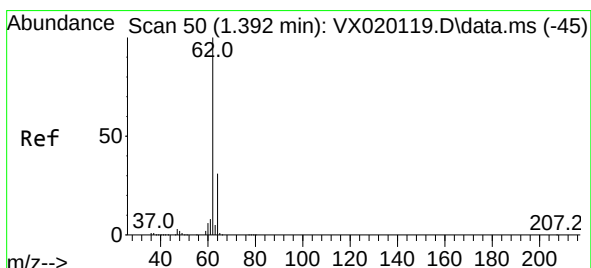
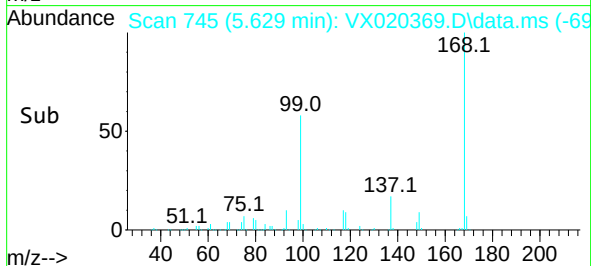
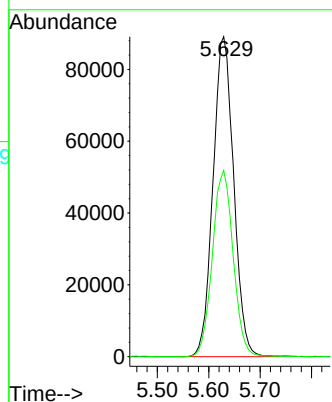


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

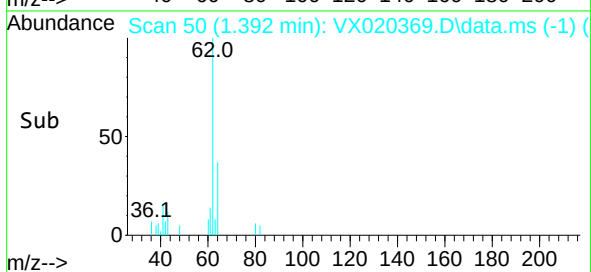
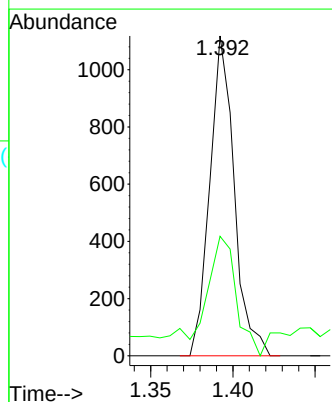
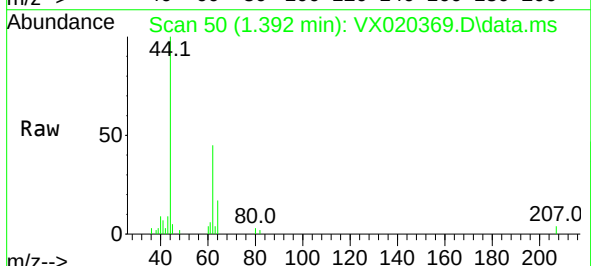


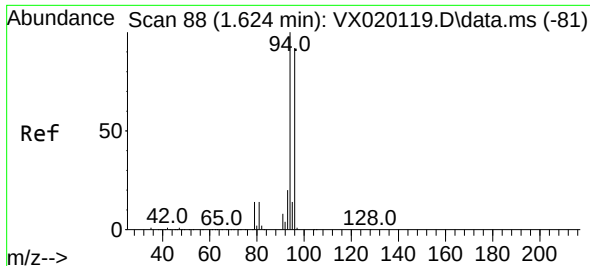
Tgt Ion:168 Resp: 248687
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#4
Vinyl Chloride
Concen: 0.34 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 62 Resp: 1154
Ion Ratio Lower Upper
62 100
64 30.2 25.7 38.5

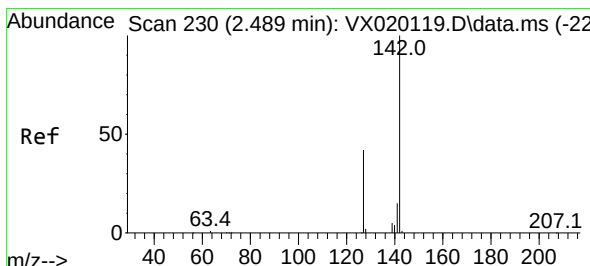
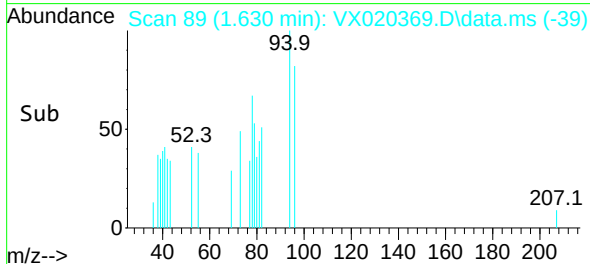
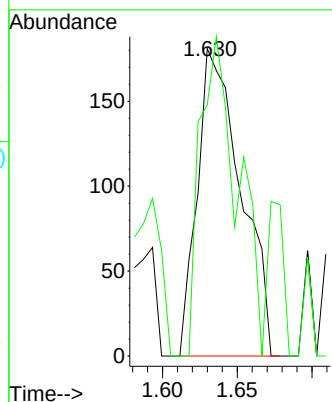
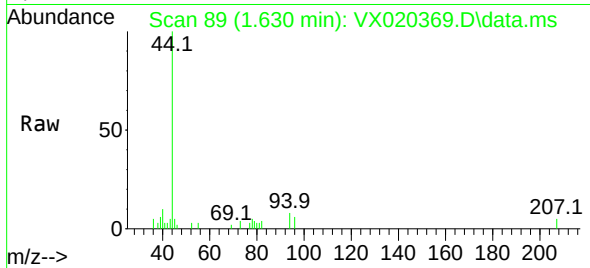




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

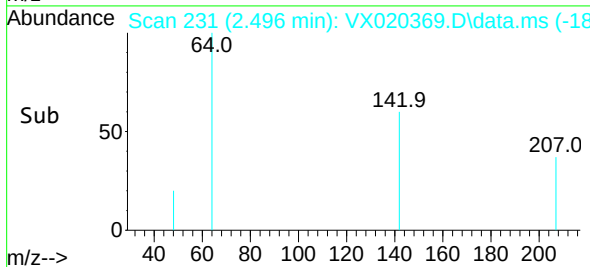
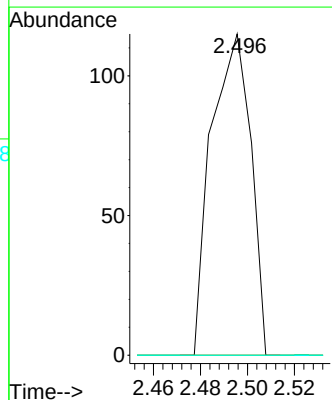
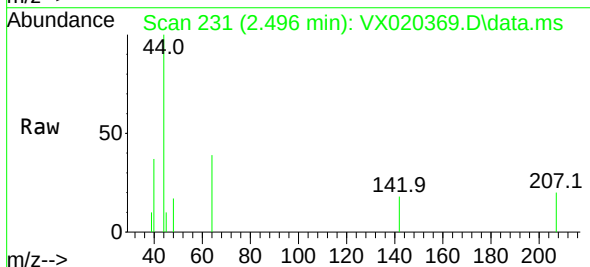
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

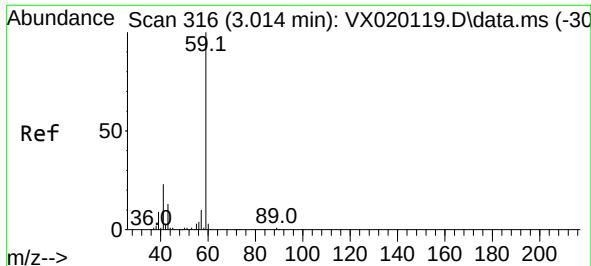
Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 81.8 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 142 Resp: 134
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



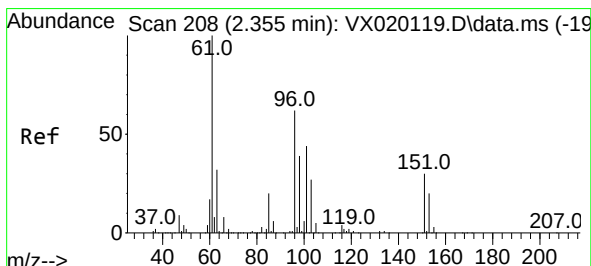
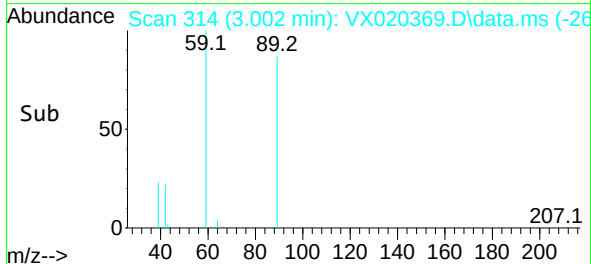
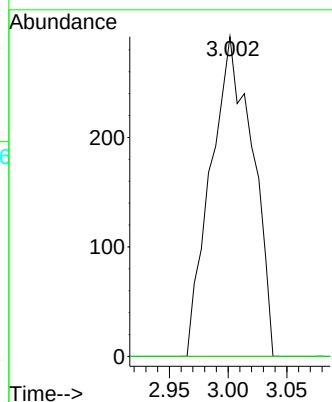
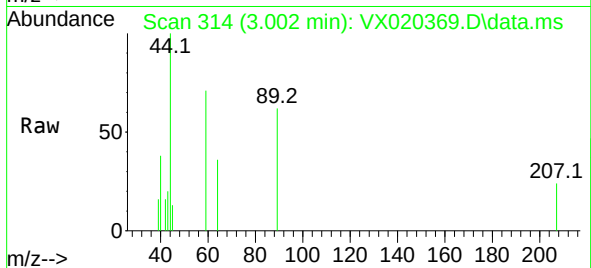


#11

Tert butyl alcohol
Concen: 0.97 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

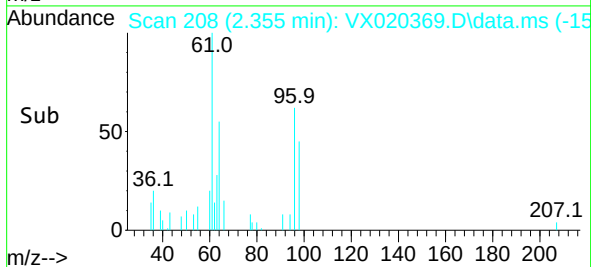
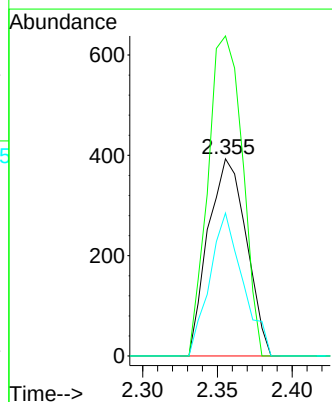
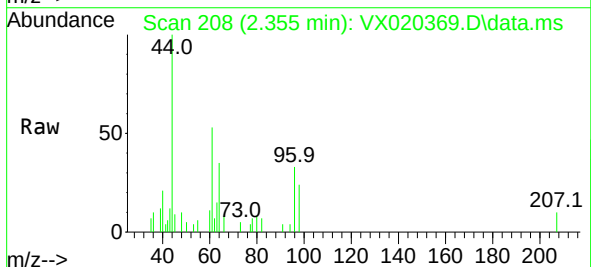
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

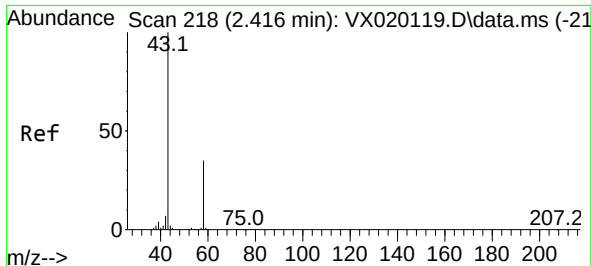


#12

1,1-Dichloroethene
Concen: 0.28 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 96 Resp: 699
Ion Ratio Lower Upper
96 100
61 162.3 124.6 187.0
98 72.5 50.6 76.0

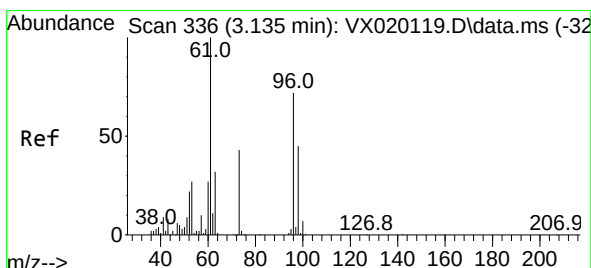
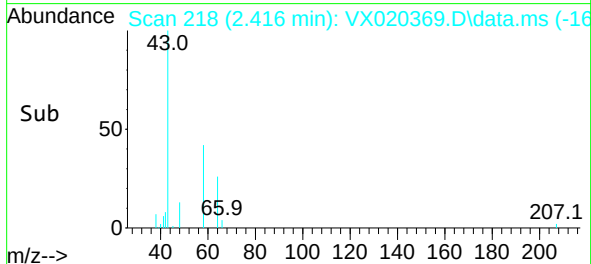
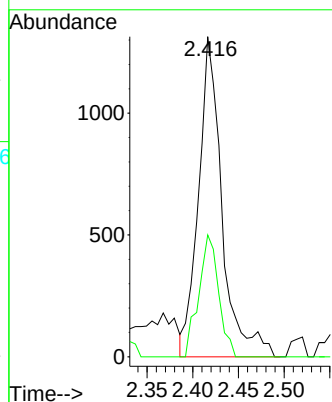
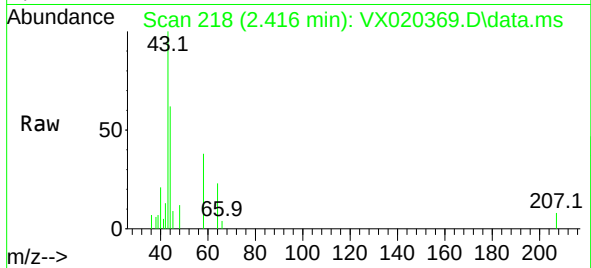




#16
Acetone
Concen: 1.54 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

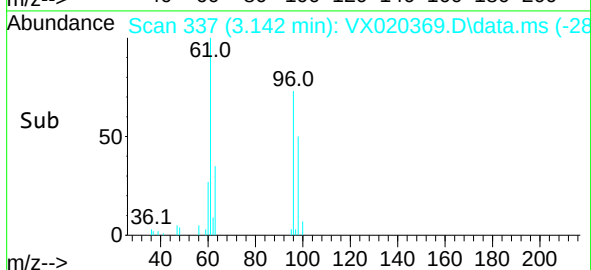
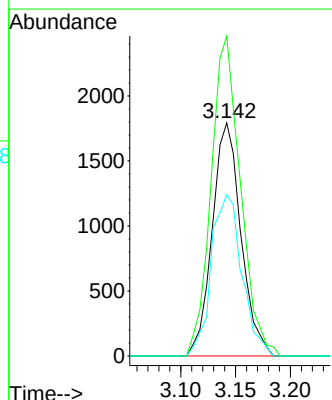
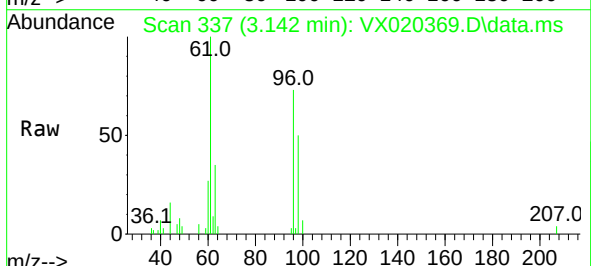
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

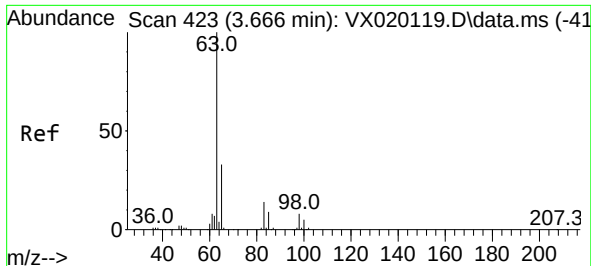
Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 1.06 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

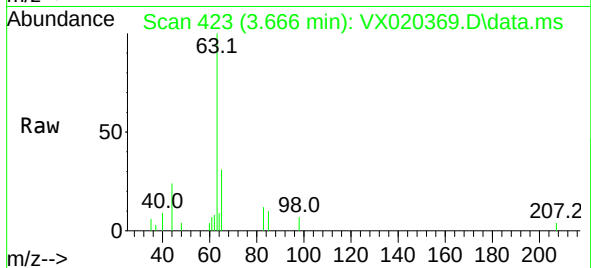
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 137.2 107.7 161.5
98 69.1 50.4 75.6



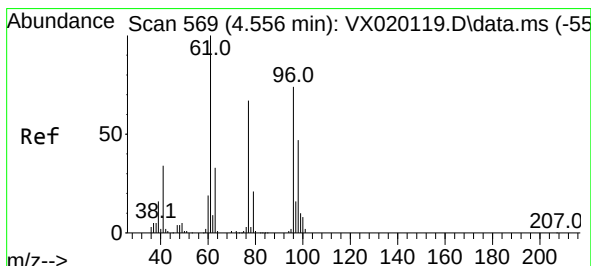
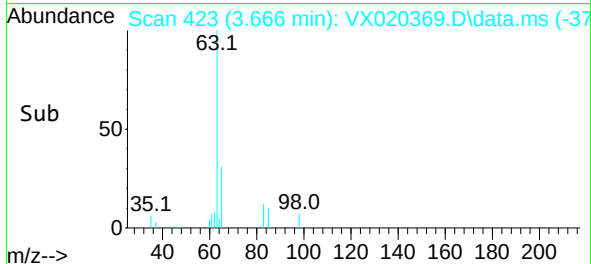
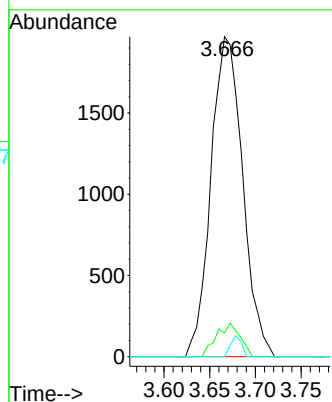


#24
1,1-Dichloroethane
Concen: 0.88 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

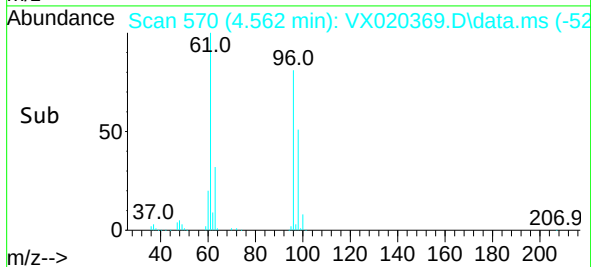
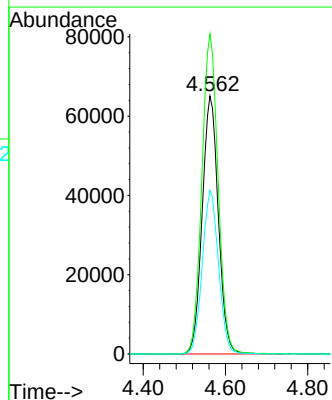
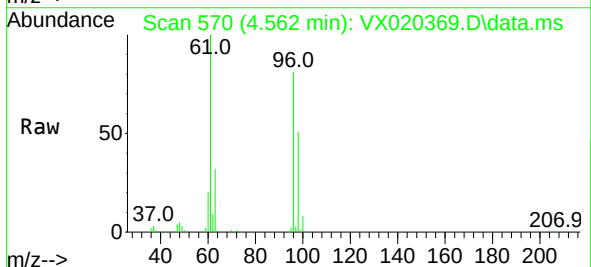


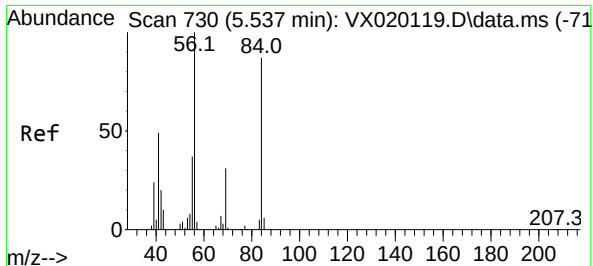
Tgt Ion: 63 Resp: 4747
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 50.89 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

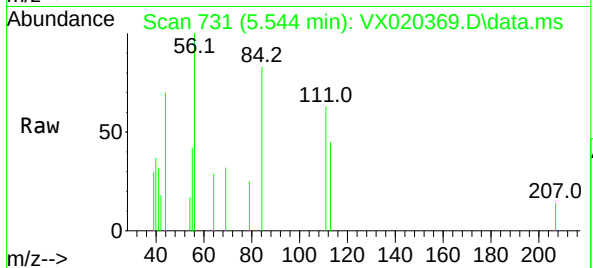
Tgt Ion: 96 Resp: 177043
Ion Ratio Lower Upper
96 100
61 125.1 0.0 285.6
98 64.1 0.0 129.6



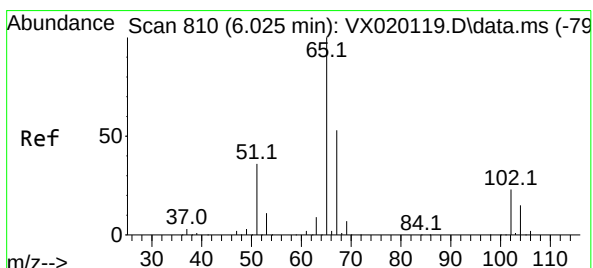
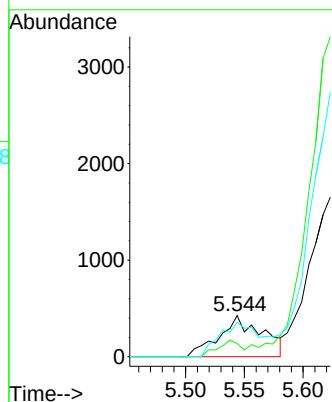
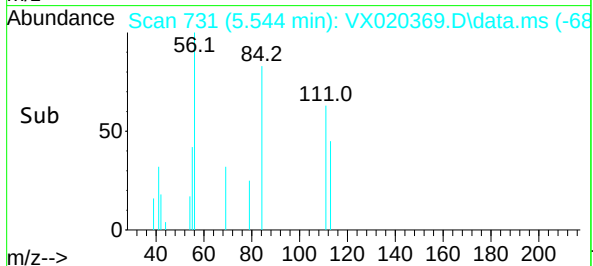


#31
Cyclohexane
Concen: 0.24 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

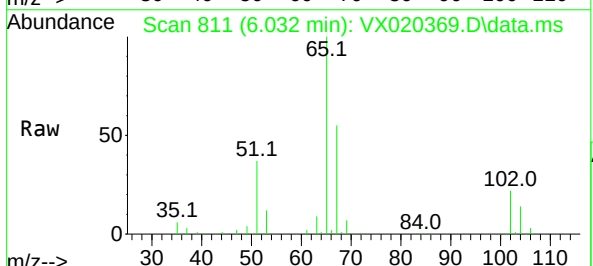
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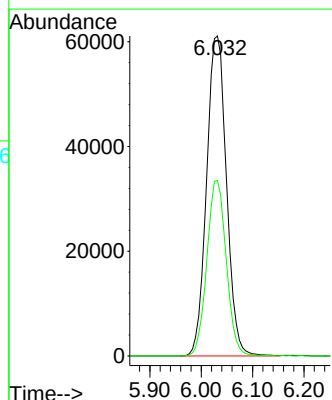
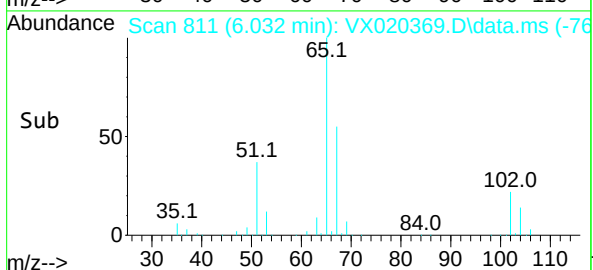
Tgt Ion: 56 Resp: 1082
Ion Ratio Lower Upper
56 100
69 32.1 25.3 37.9
84 83.4 71.4 107.0

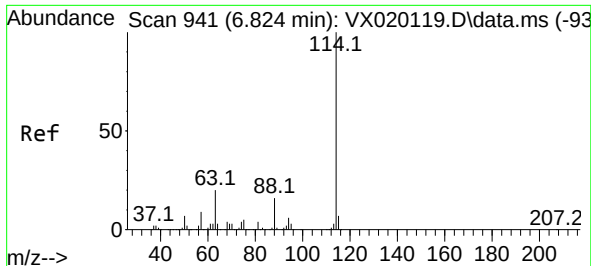


#33
1,2-Dichloroethane-d4
Concen: 49.34 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58



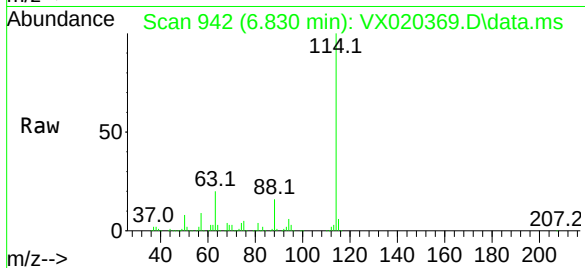
Tgt Ion: 65 Resp: 164460
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



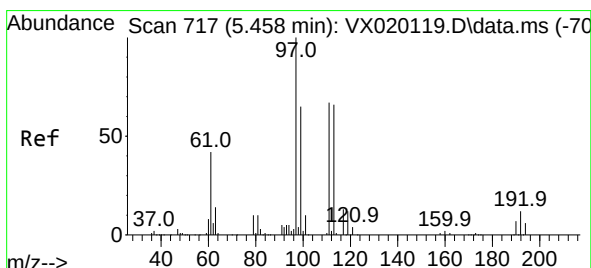
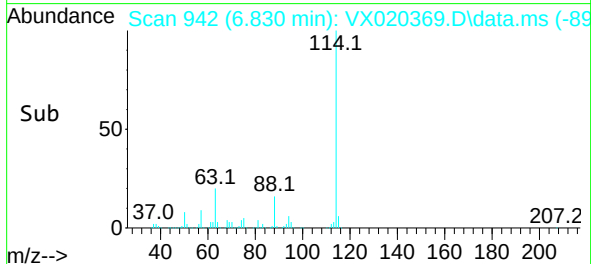
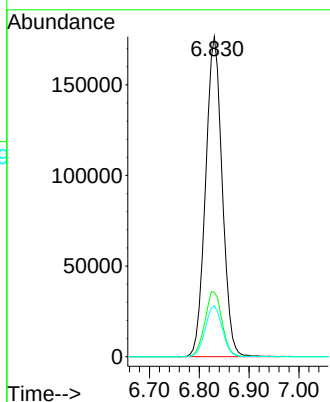


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

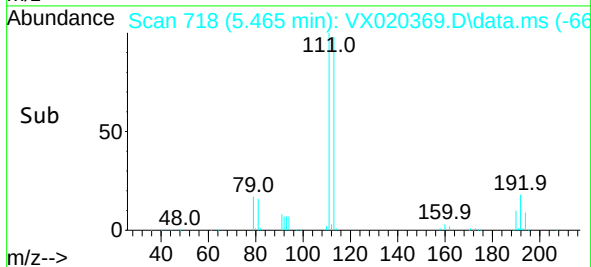
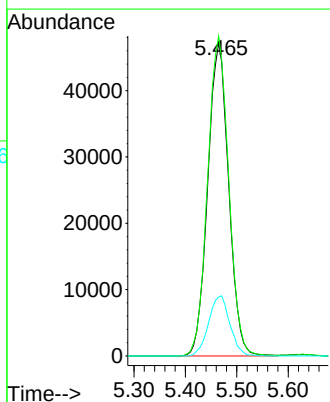
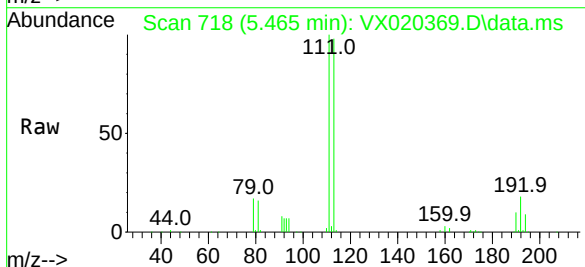


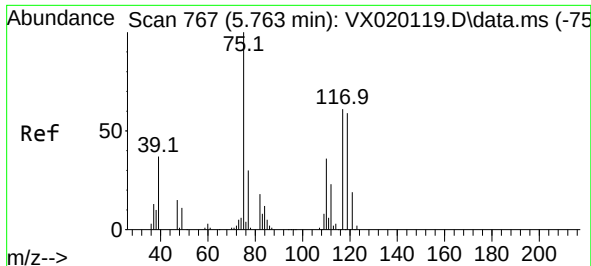
Tgt Ion:114 Resp: 408635
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.00 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

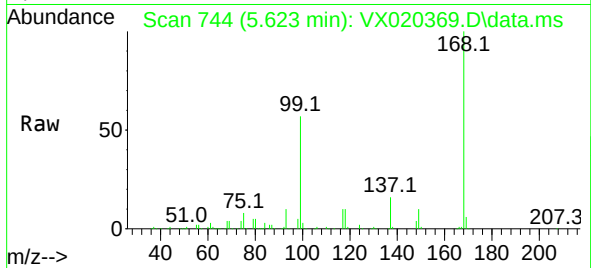
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Ion Ratio Lower Upper
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111 103.1 81.9 122.9
192 19.6 16.7 25.1



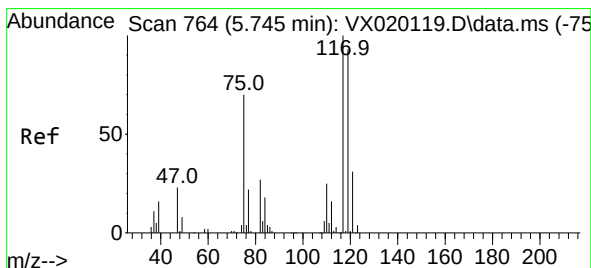
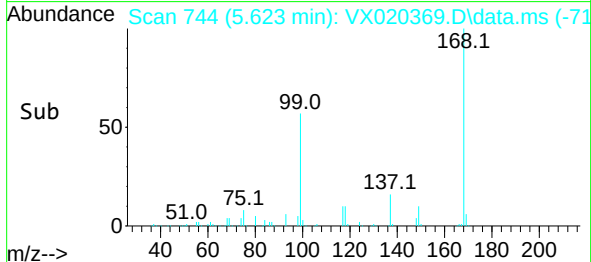
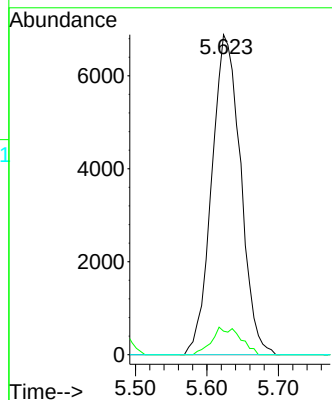


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

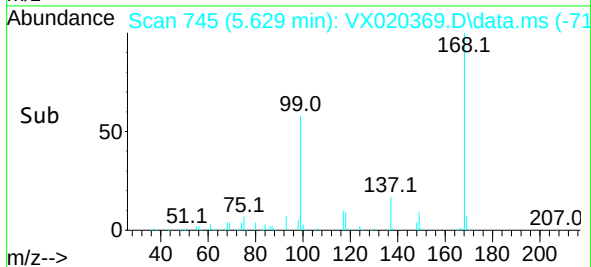
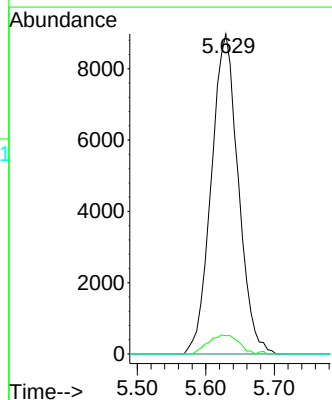
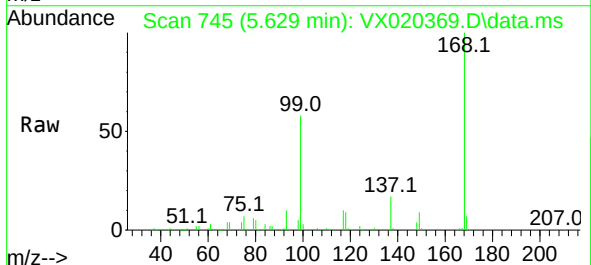


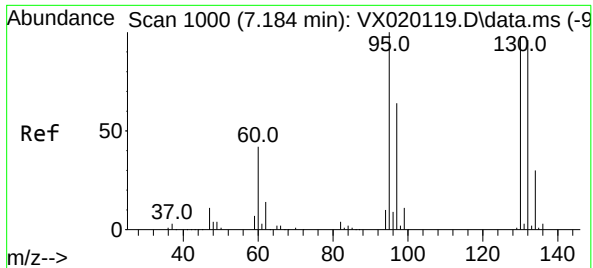
Tgt Ion: 75 Resp: 19268
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 117 Resp: 24530
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

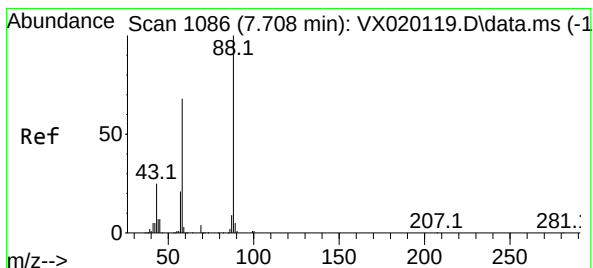
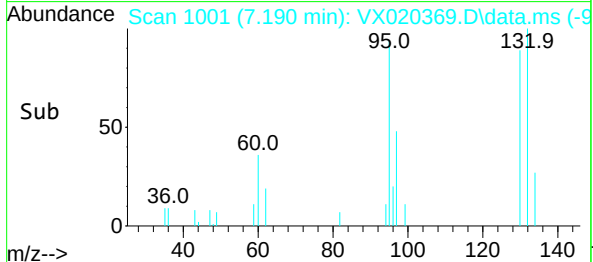
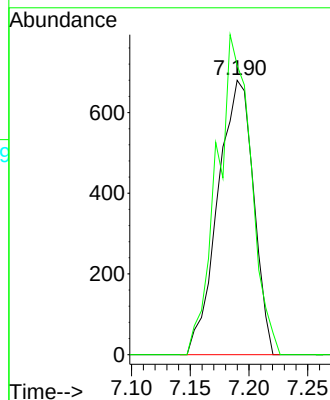
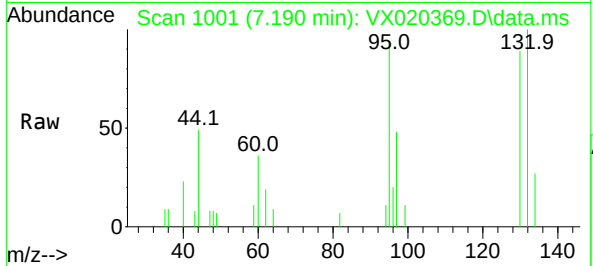




#44
Trichloroethene
Concen: 0.44 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

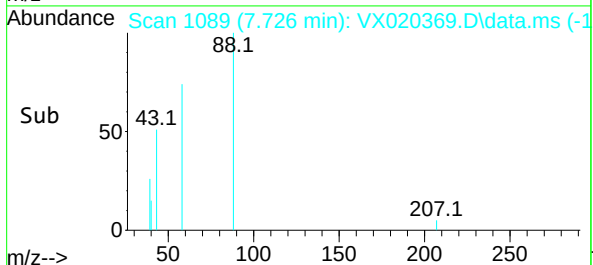
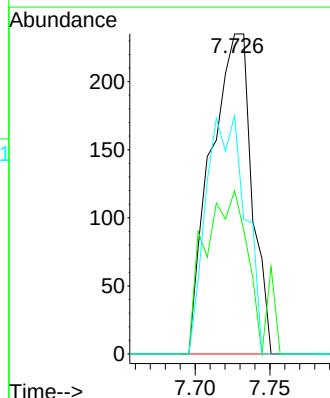
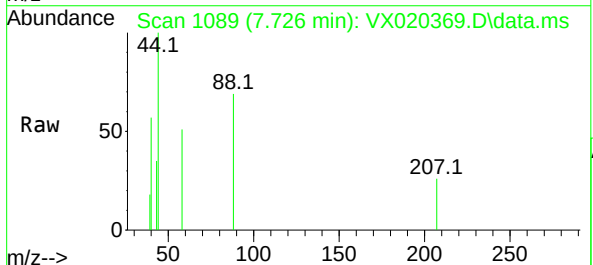
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

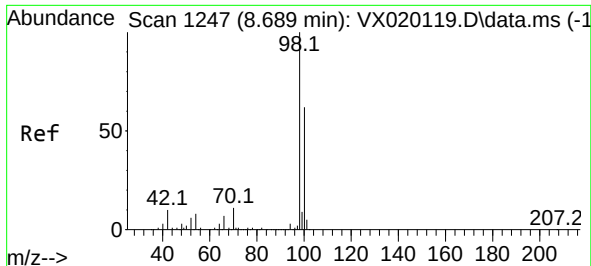
Tgt Ion:130 Resp: 1435
Ion Ratio Lower Upper
130 100
95 105.4 0.0 198.0



#49
1,4-Dioxane
Concen: 5.88 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 88 Resp: 447
Ion Ratio Lower Upper
88 100
43 52.1 23.2 34.8#
58 71.4 55.0 82.4

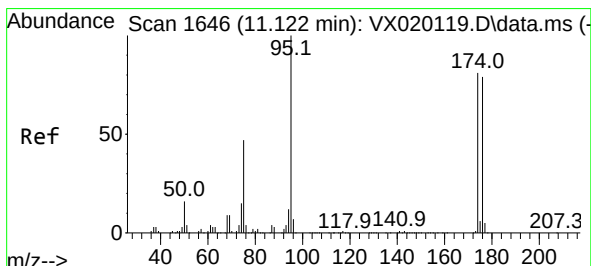
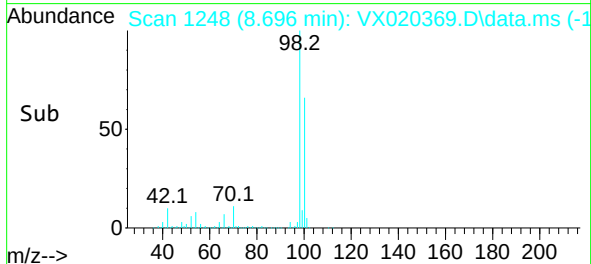
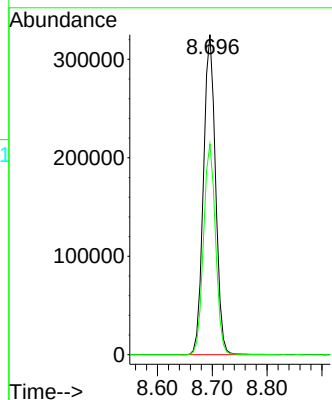
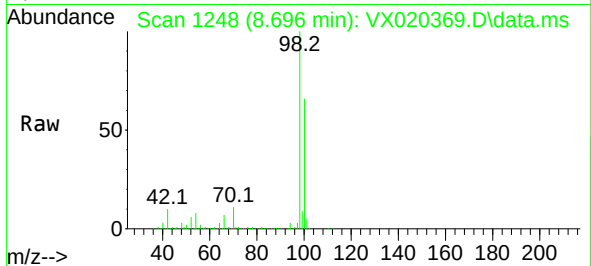




#50
Toluene-d8
Concen: 49.40 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

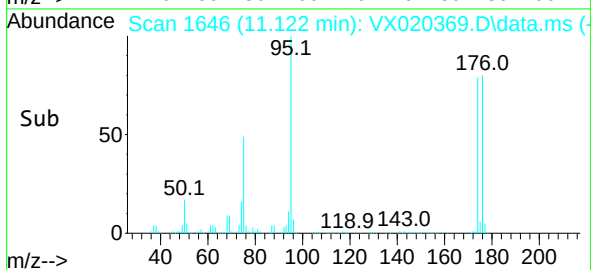
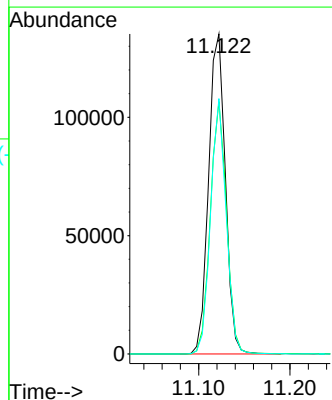
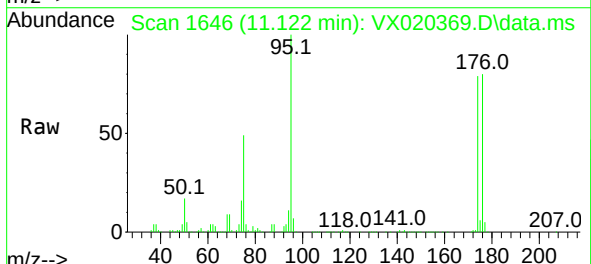
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

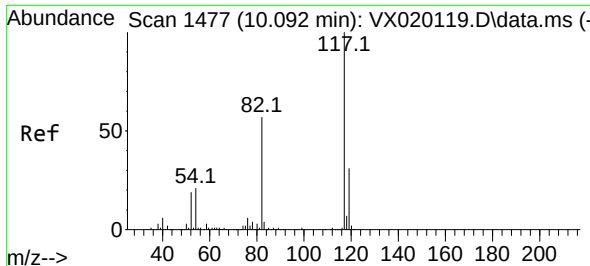
Tgt Ion: 98 Resp: 497052
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 95 Resp: 172073
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.3 0.0 155.8

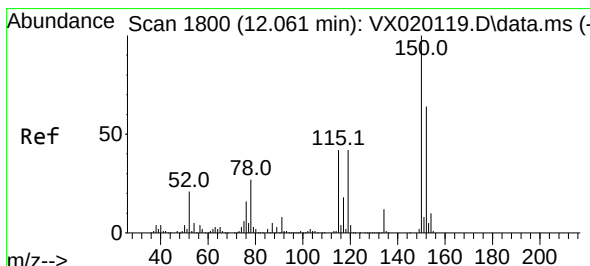
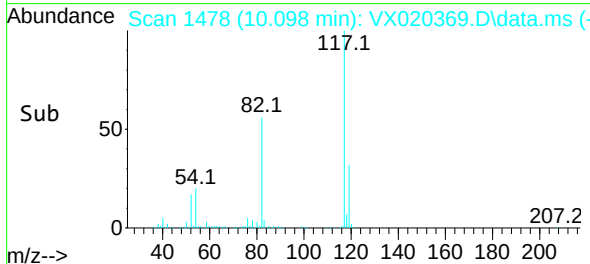
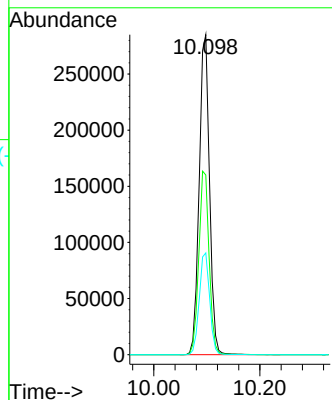
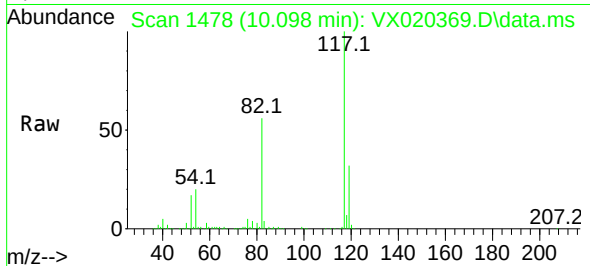




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

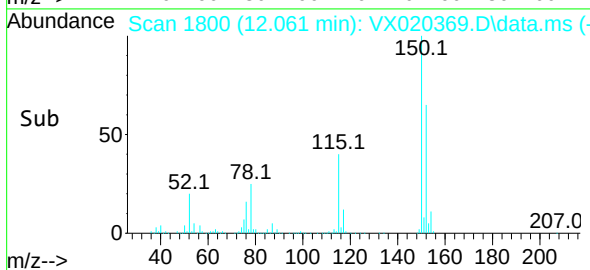
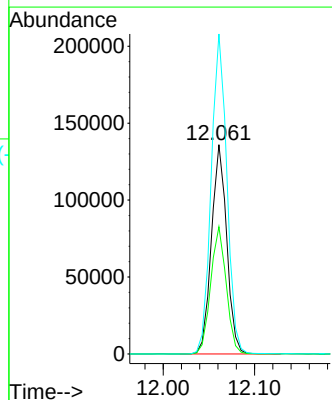
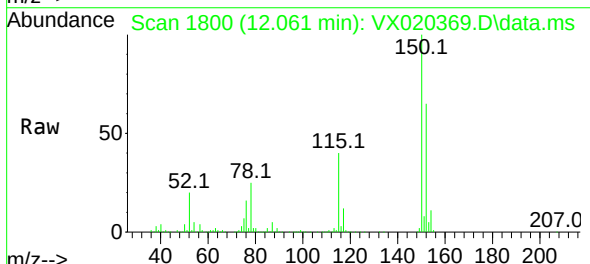
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

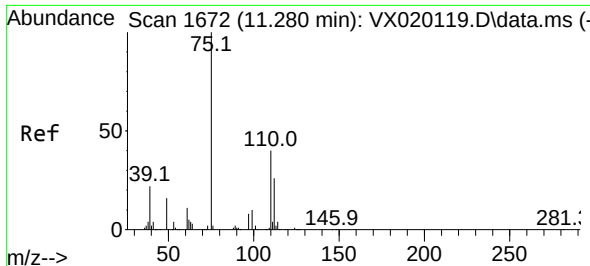
Tgt Ion:117 Resp: 385687
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion:152 Resp: 157739
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 156.5 0.0 349.0

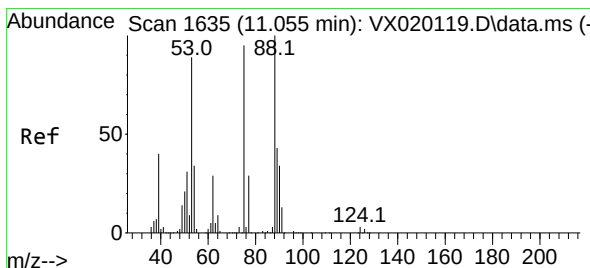
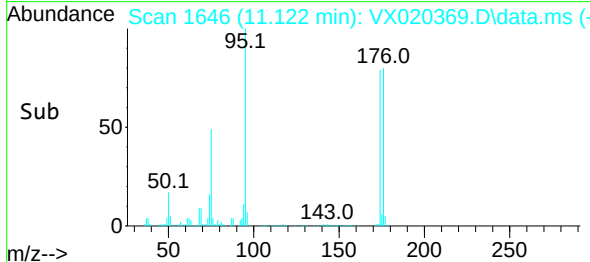
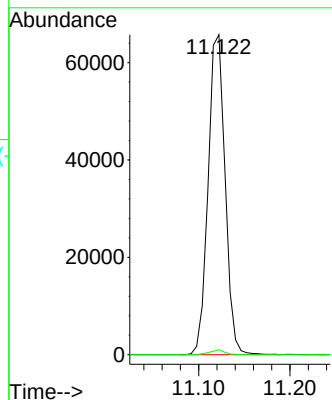
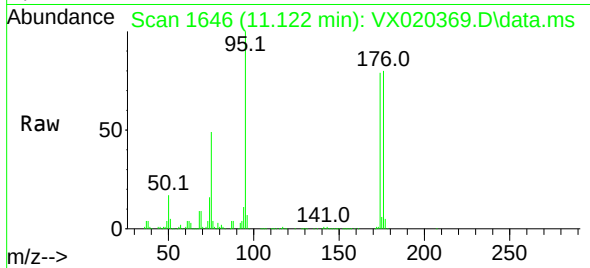




#76
1,2,3-Trichloropropane
Concen: 21.84 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

Tgt Ion: 75 Resp: 84853
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 75 Resp: 84853
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

