

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020234.D
 Acq On : 20 Dec 2020 17:10
 Operator : JC/MD
 Sample : L5095-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420

Quant Time: Dec 21 02:53:28 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)

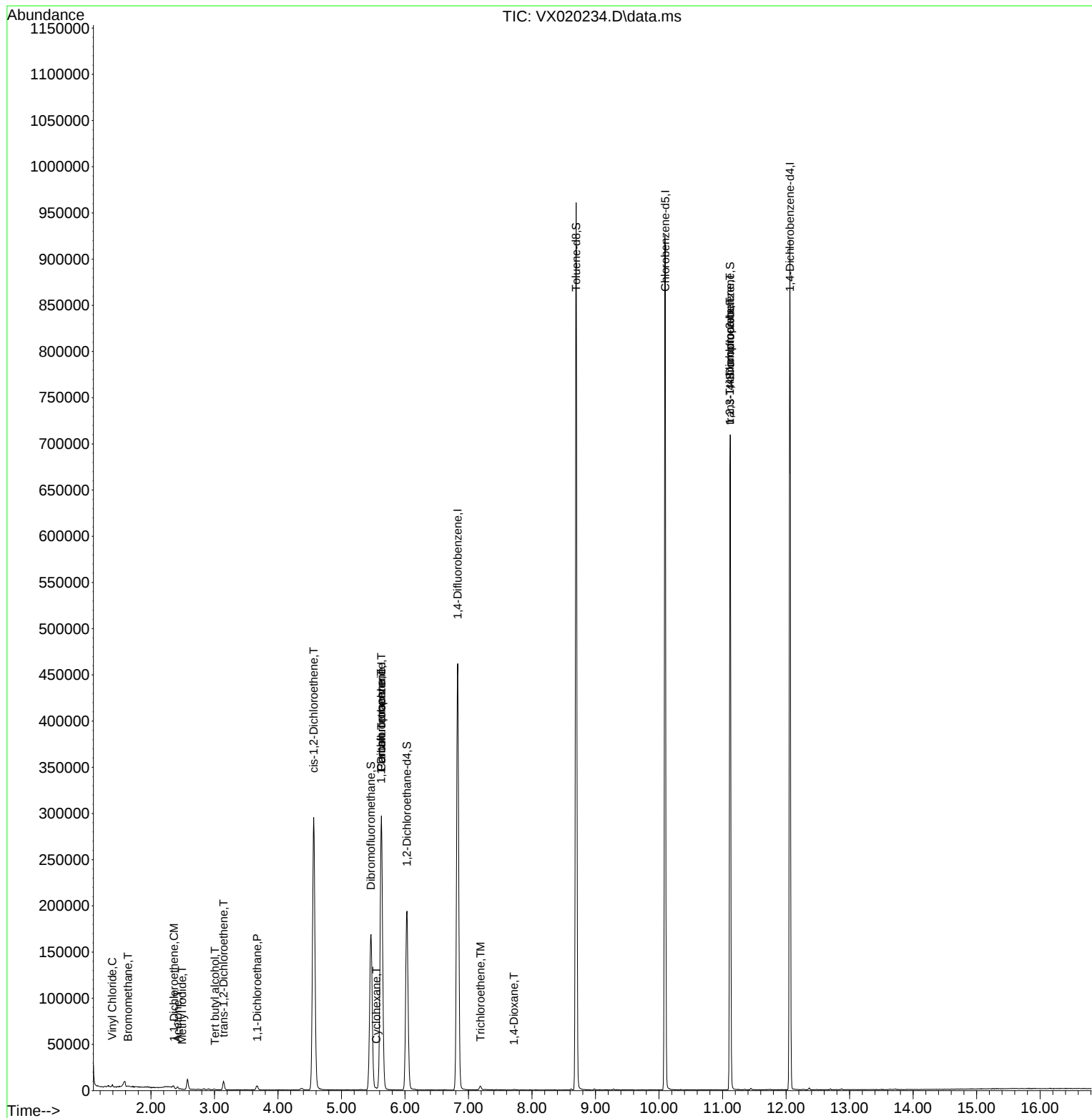
Internal Standards						
1) Pentafluorobenzene	5.629	168	280588	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	471017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	437451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	186840	49.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.36%
35) Dibromofluoromethane	5.464	113	148780	49.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.76%
50) Toluene-d8	8.696	98	567975	48.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.94%
62) 4-Bromofluorobenzene	11.122	95	200052	45.07	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.14%
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	1214	0.32	ug/l	96
5) Bromomethane	1.636	94	580	0.47	ug/l #	79
10) Methyl Iodide	2.489	142	72	3.30	ug/l #	42
11) Tert butyl alcohol	3.008	59	642	0.76	ug/l #	73
12) 1,1-Dichloroethene	2.361	96	841	0.29	ug/l #	75
16) Acetone	2.416	43	2430	1.42	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	3697	1.06	ug/l	95
24) 1,1-Dichloroethane	3.672	63	5012	0.82	ug/l	95
27) cis-1,2-Dichloroethene	4.562	96	192648	49.08	ug/l	90
31) Cyclohexane	5.550	56	1181	0.23	ug/l #	77
36) 1,1-Dichloropropene	5.623	75	21953	4.72	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27398	6.19	ug/l #	16
44) Trichloroethene	7.190	130	1470	0.39	ug/l	87
49) 1,4-Dioxane	7.714	88	436	4.98	ug/l #	64
76) 1,2,3-Trichloropropane	11.116	75	98025	21.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	98025	62.44	ug/l #	12

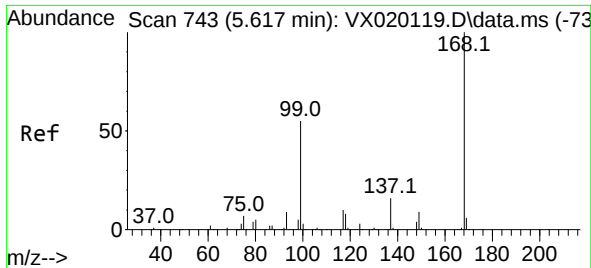
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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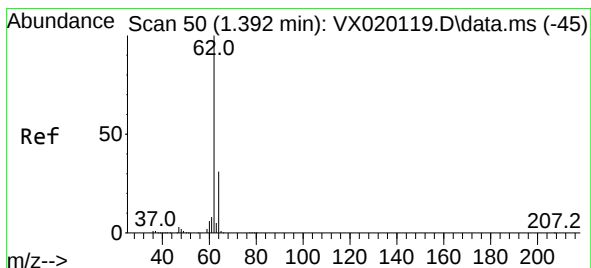
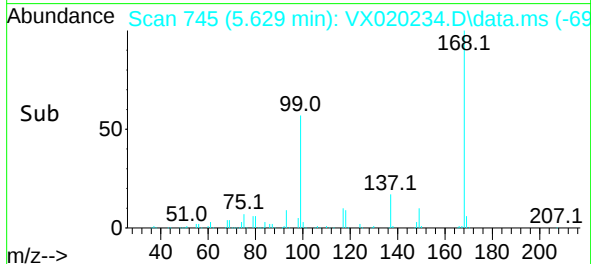
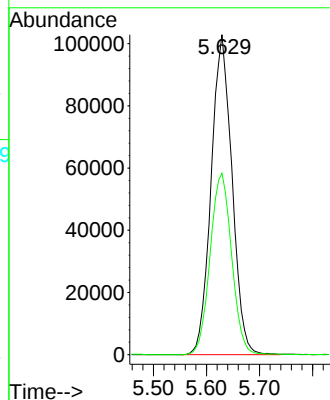
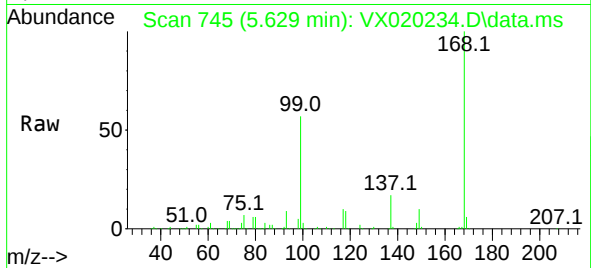




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

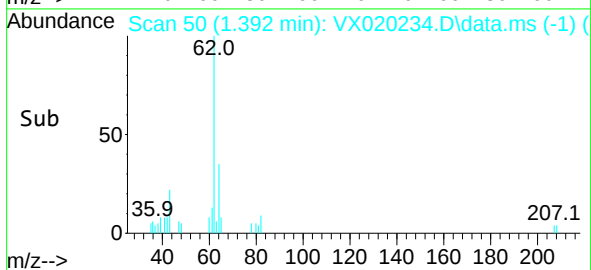
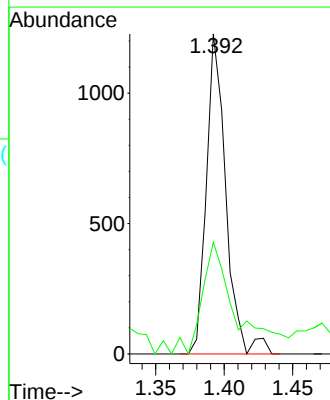
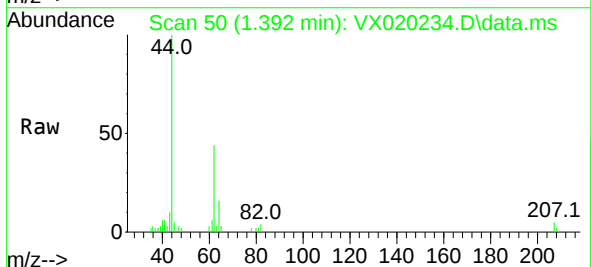
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

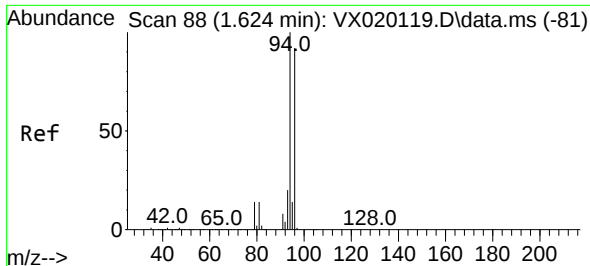
Tgt Ion:168 Resp: 280588
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#4
Vinyl Chloride
Concen: 0.32 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 62 Resp: 1214
Ion Ratio Lower Upper
62 100
64 29.7 25.7 38.5

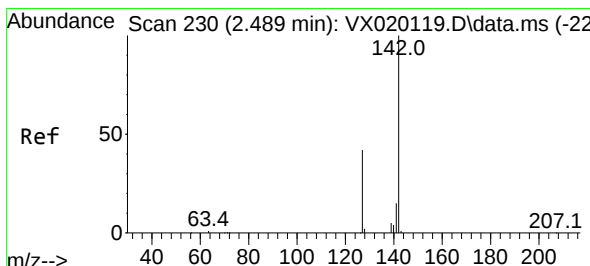
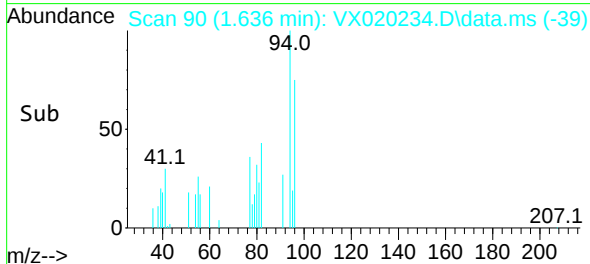
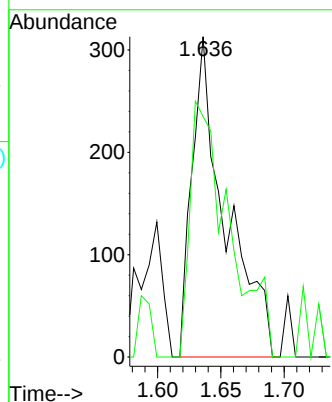
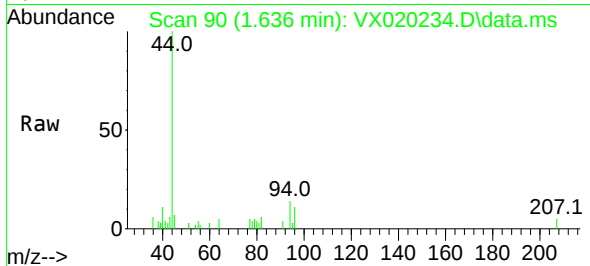




#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

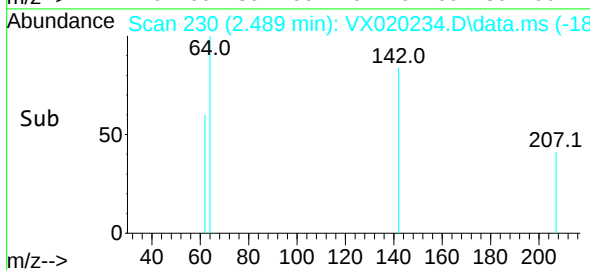
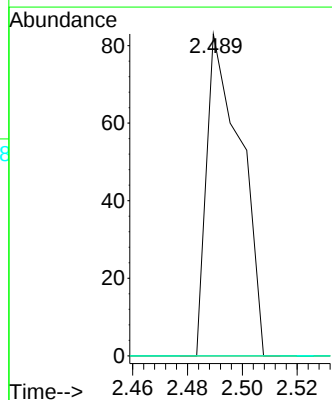
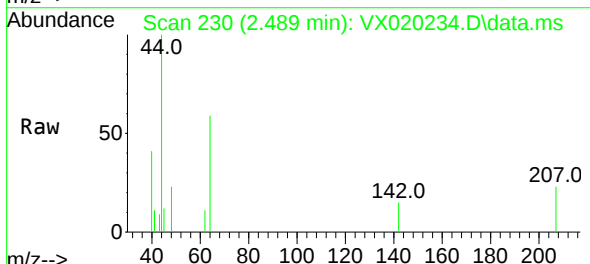
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

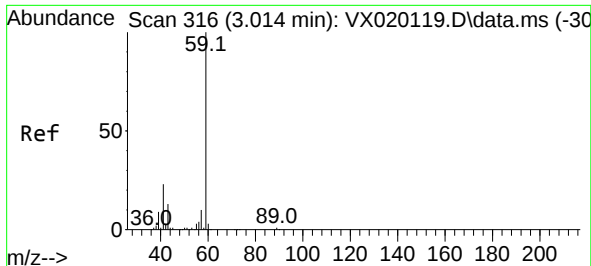
Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 75.1 76.4 114.6#



#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

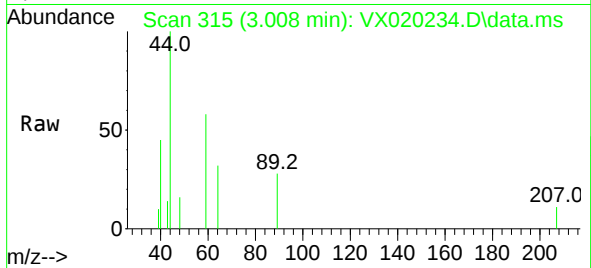
Tgt Ion: 142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



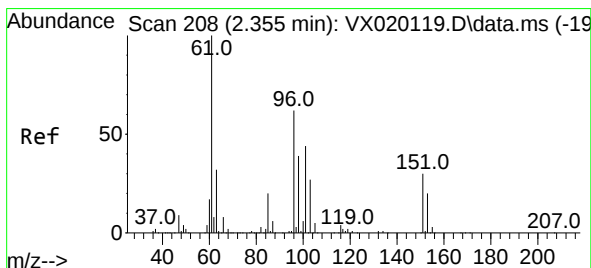
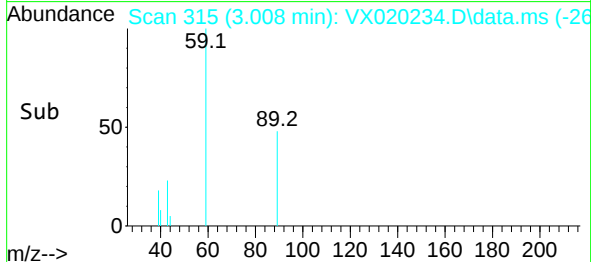
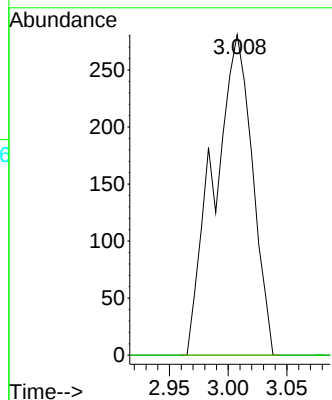


#11
Tert butyl alcohol
Concen: 0.76 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

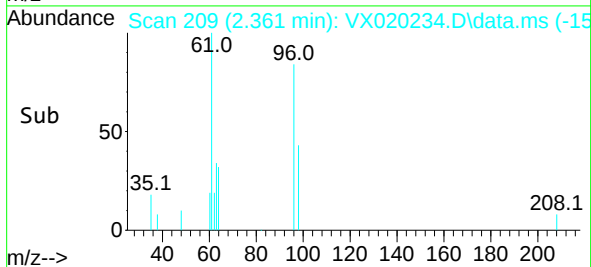
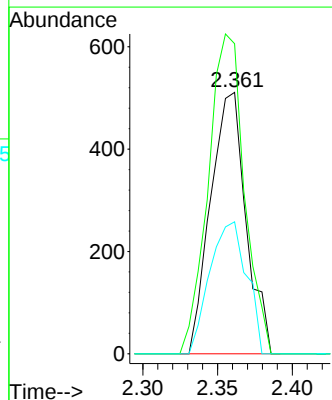
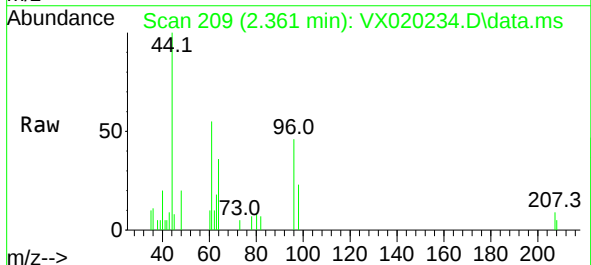


Tgt Ion: 59 Resp: 642
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.29 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 96 Resp: 841
Ion Ratio Lower Upper
96 100
61 118.6 124.6 187.0#
98 50.5 50.6 76.0#

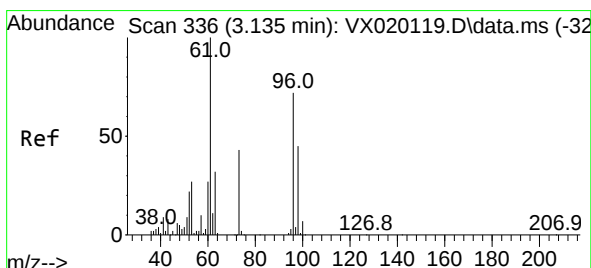
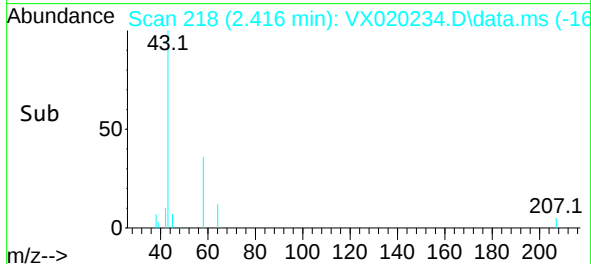
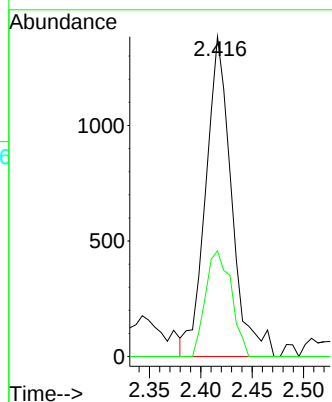
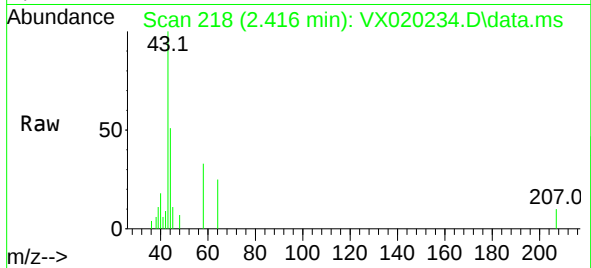




#16
Acetone
Concen: 1.42 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

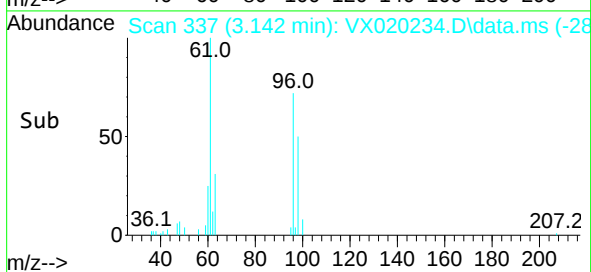
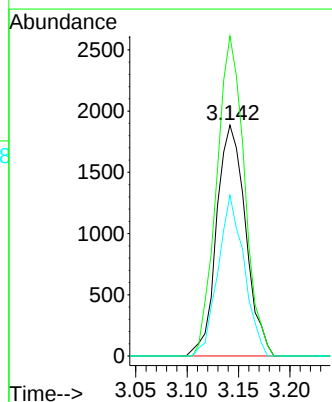
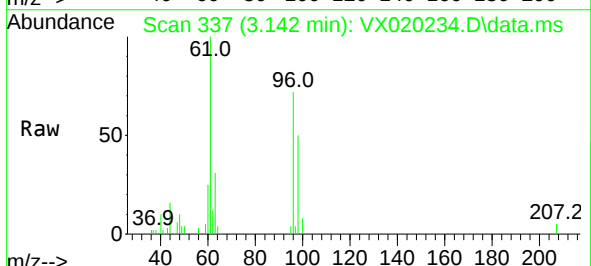
Instrument :
MSVOA_X
ClientSampleId :
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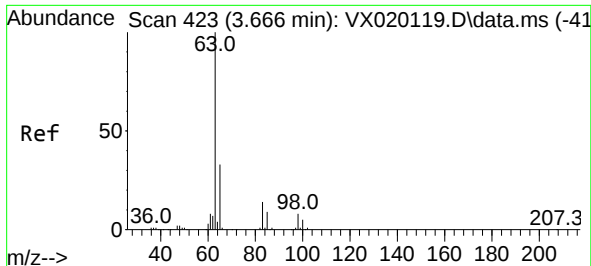
Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 1.06 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

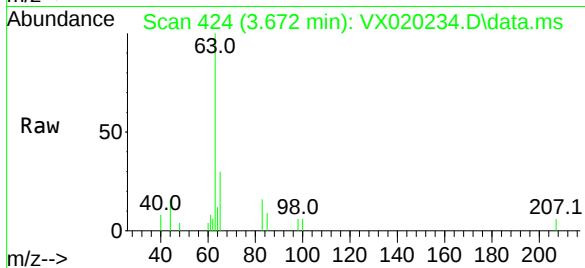
Tgt Ion: 96 Resp: 3697
Ion Ratio Lower Upper
96 100
61 138.7 107.7 161.5
98 69.7 50.4 75.6



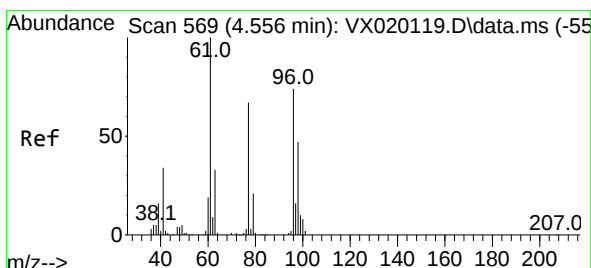
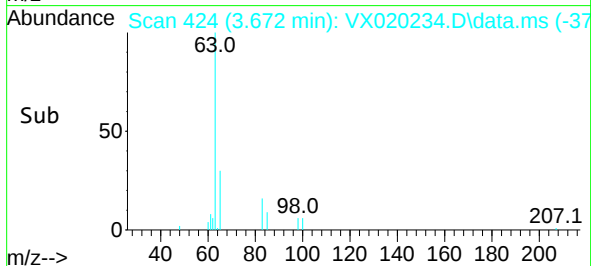
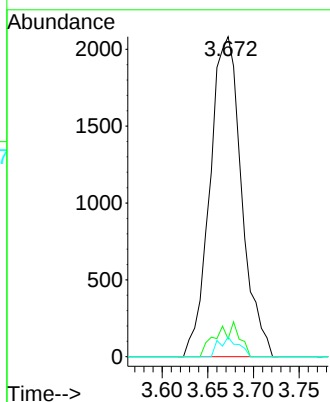


#24
1,1-Dichloroethane
Concen: 0.82 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

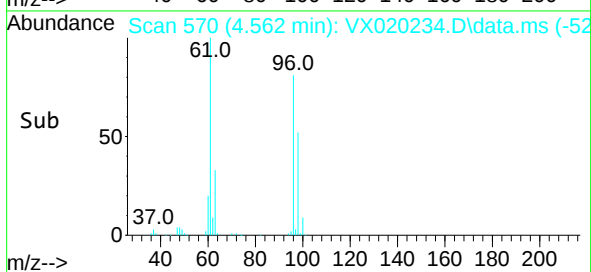
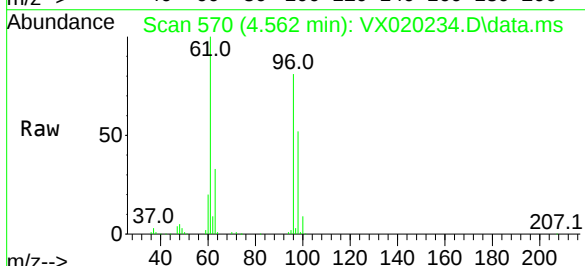
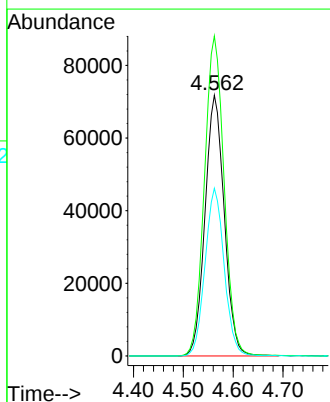


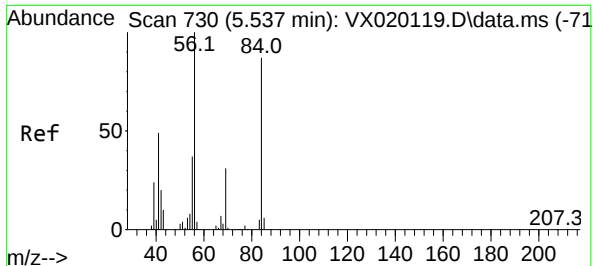
Tgt Ion: 63 Resp: 5012
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 6.2 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 49.08 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

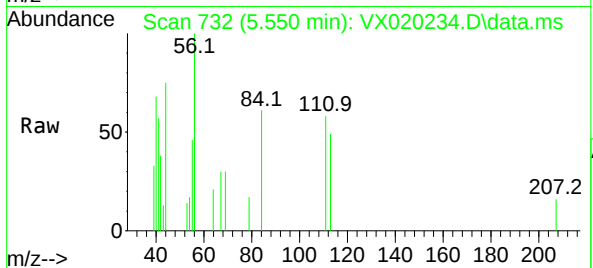
Tgt Ion: 96 Resp: 192648
Ion Ratio Lower Upper
96 100
61 125.2 0.0 285.6
98 63.8 0.0 129.6



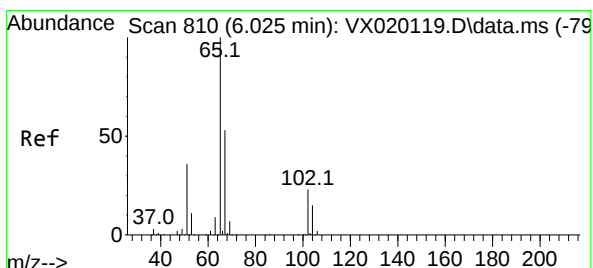
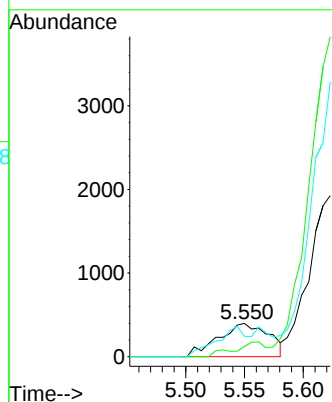
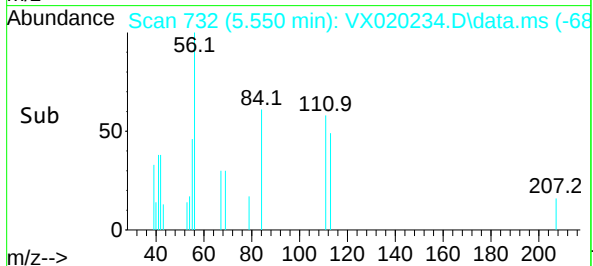


#31
Cyclohexane
Concen: 0.23 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.013 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

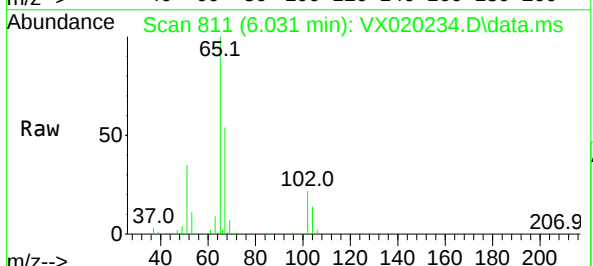
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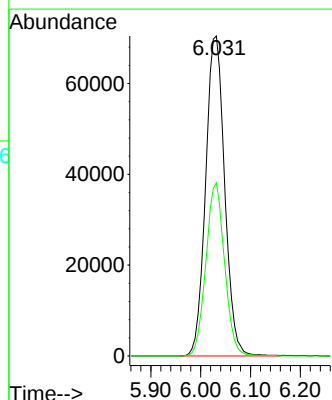
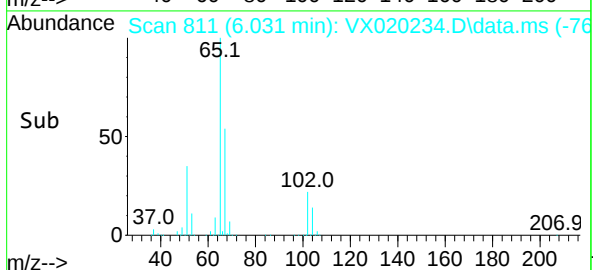
Tgt Ion: 56 Resp: 1181
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 61.0 71.4 107.0#

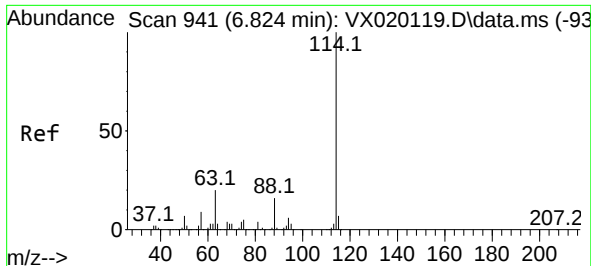


#33
1,2-Dichloroethane-d4
Concen: 49.68 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10



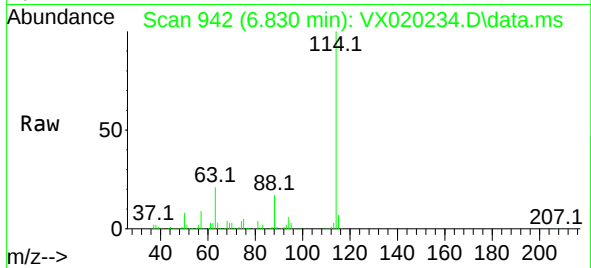
Tgt Ion: 65 Resp: 186840
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



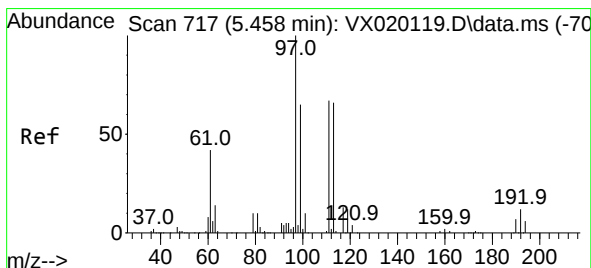
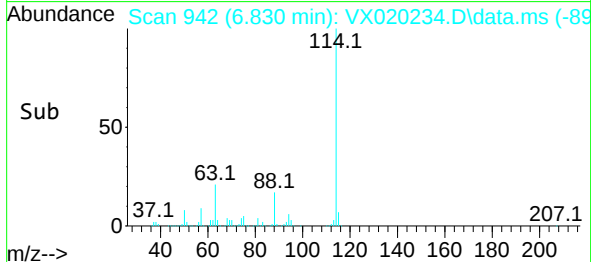
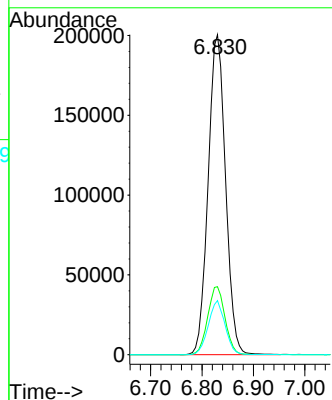


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

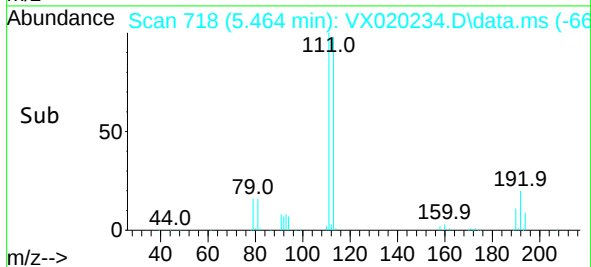
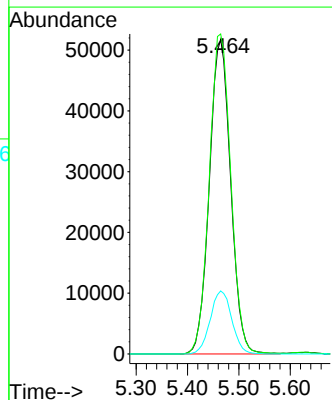
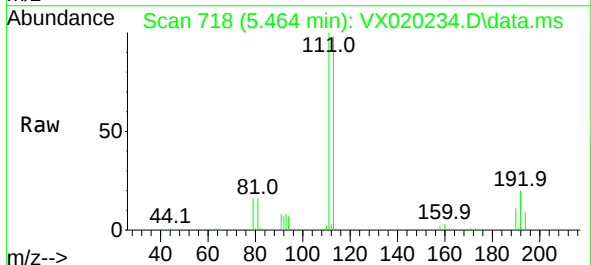


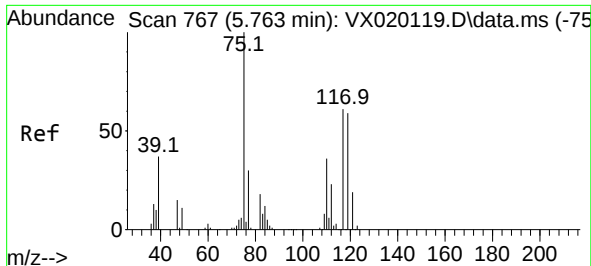
Tgt Ion:114 Resp: 471017
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

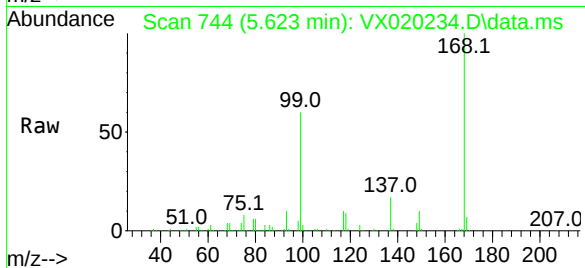
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Ion Ratio Lower Upper
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111 103.1 81.9 122.9
192 20.3 16.7 25.1



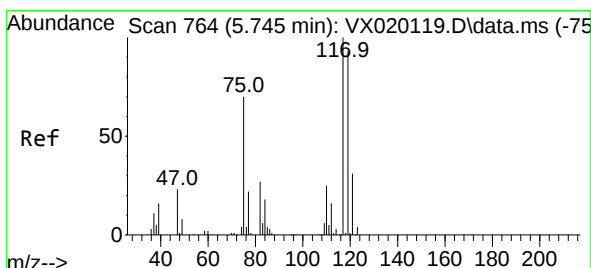
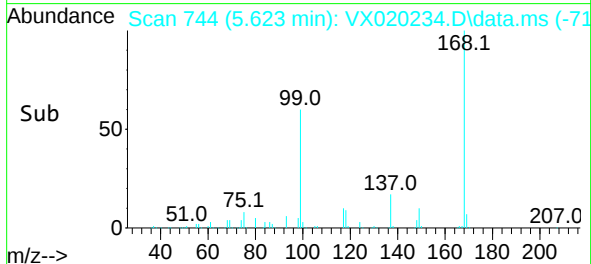
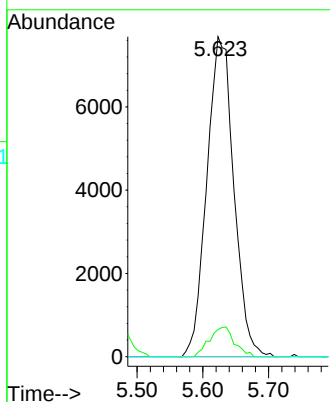


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

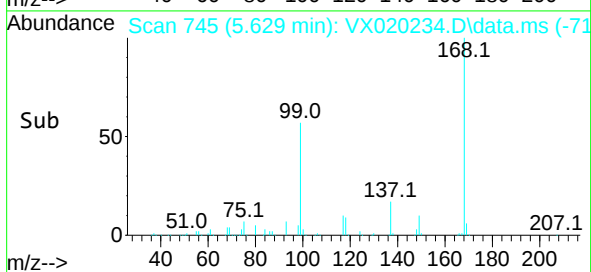
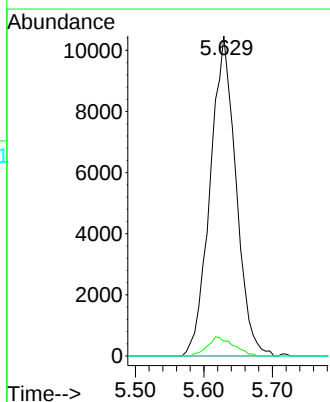
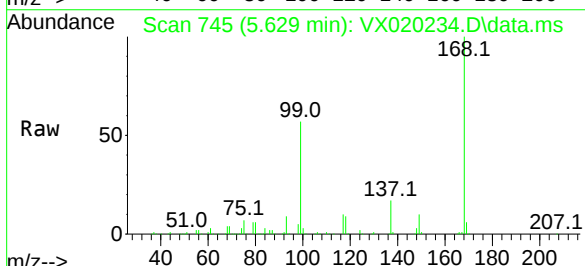


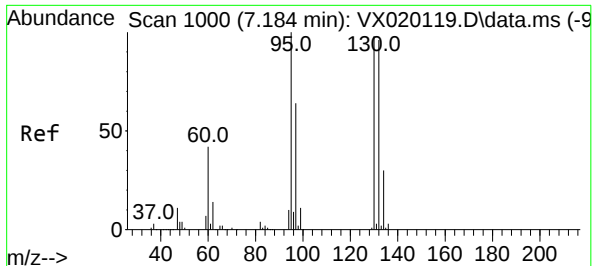
Tgt Ion: 75 Resp: 21953
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 117 Resp: 27398
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

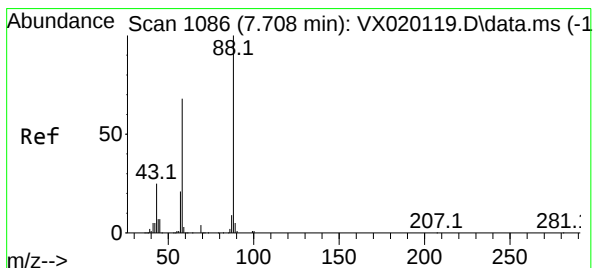
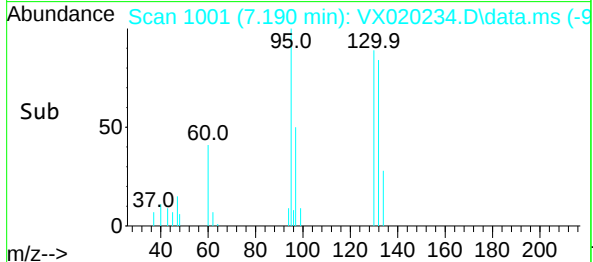
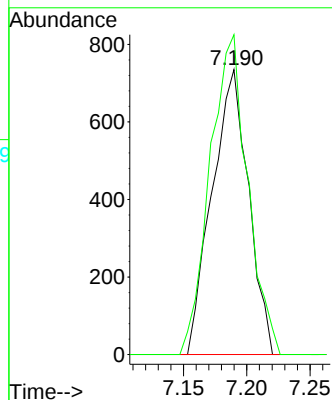
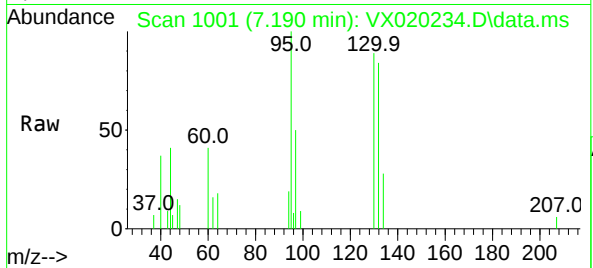




#44
Trichloroethene
Concen: 0.39 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

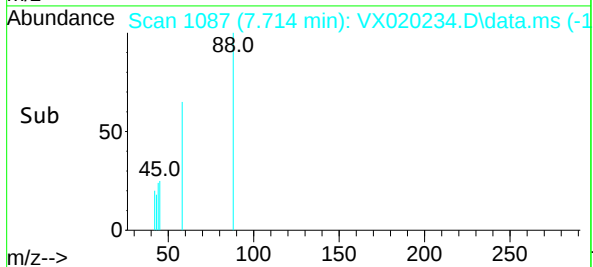
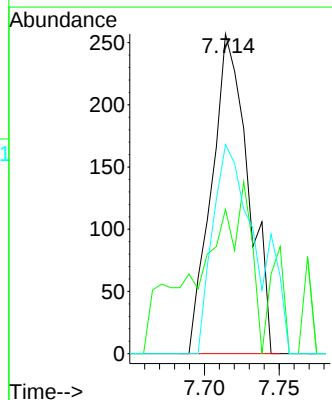
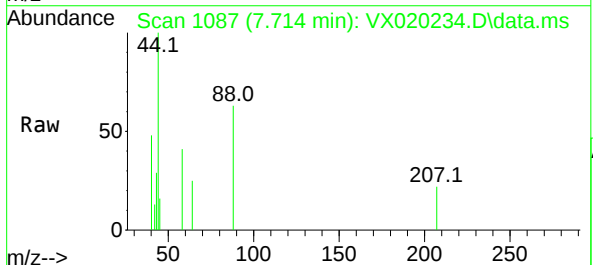
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

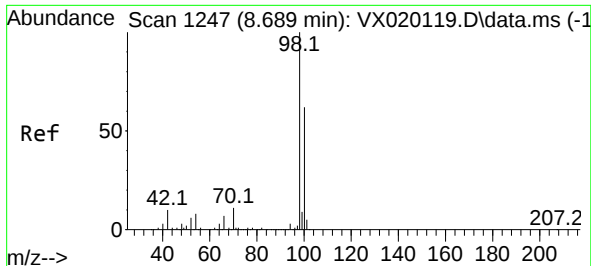
Tgt Ion:130 Resp: 1470
Ion Ratio Lower Upper
130 100
95 112.2 0.0 198.0



#49
1,4-Dioxane
Concen: 4.98 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 88 Resp: 436
Ion Ratio Lower Upper
88 100
43 77.1 23.2 34.8#
58 78.9 55.0 82.4

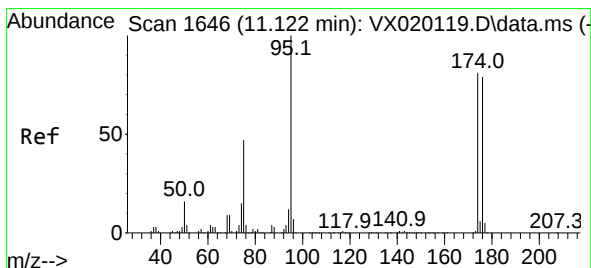
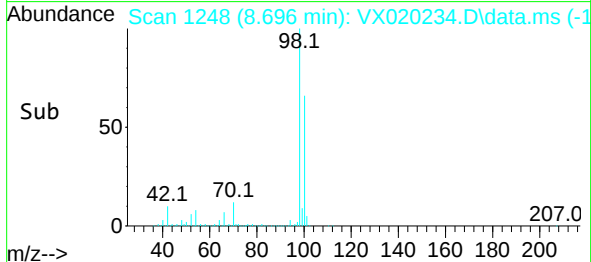
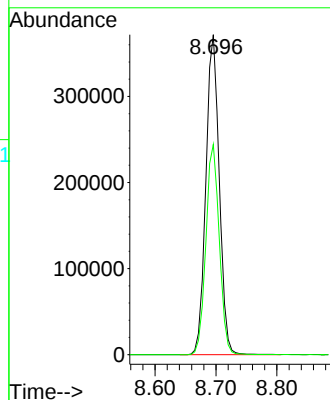
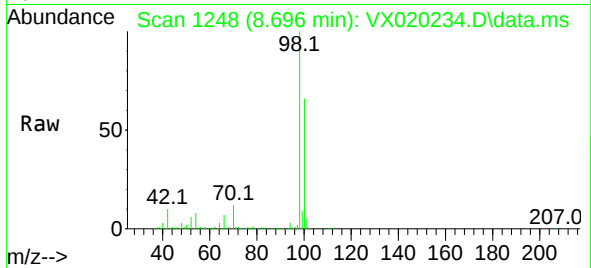




#50
Toluene-d8
Concen: 48.97 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

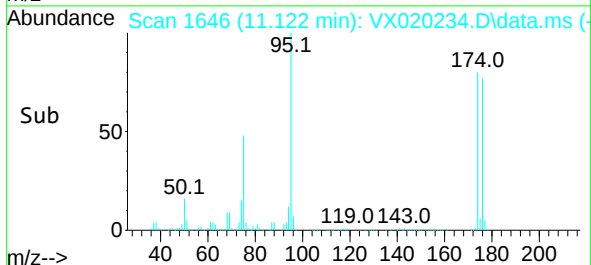
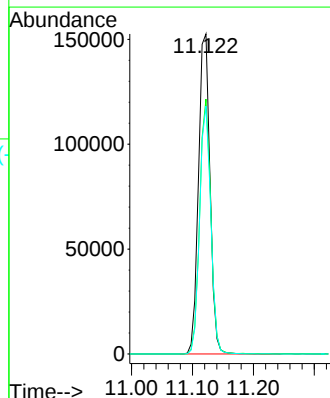
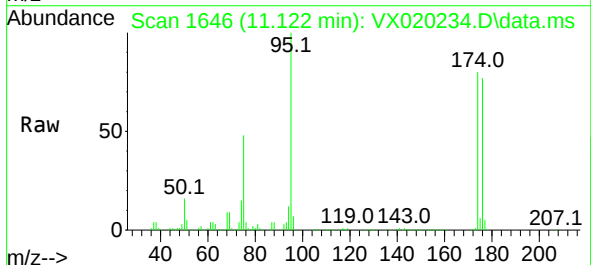
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

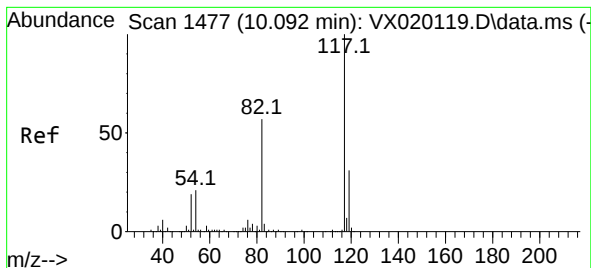
Tgt Ion: 98 Resp: 567975
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 95 Resp: 200052
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 75.0 0.0 155.8

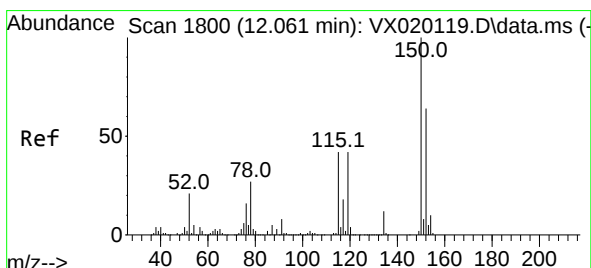
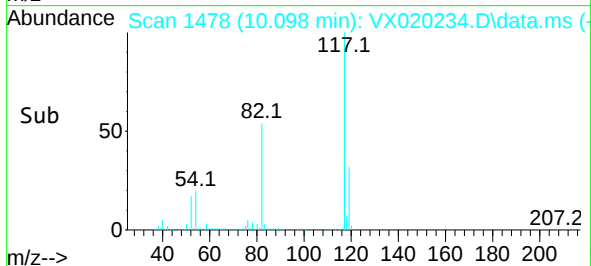
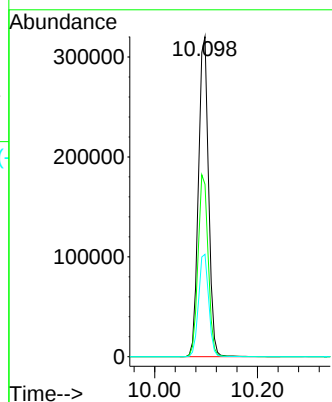
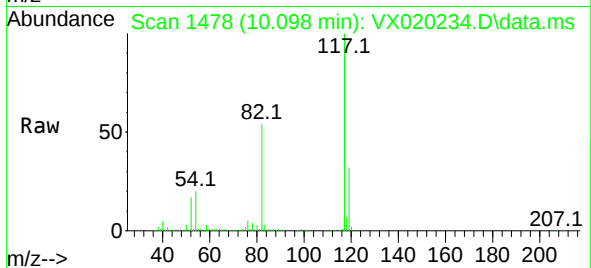




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

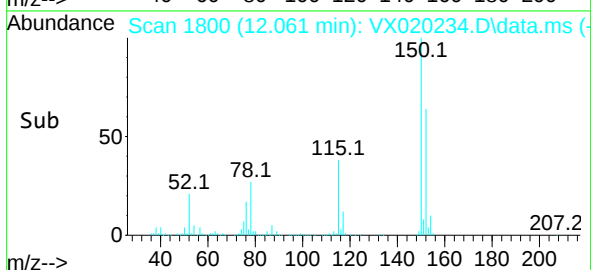
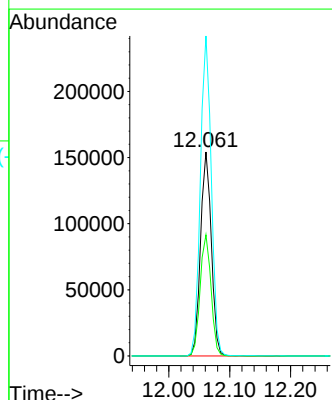
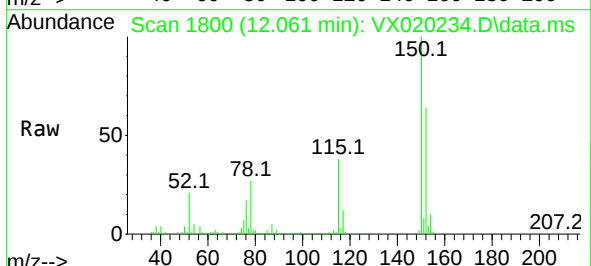
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

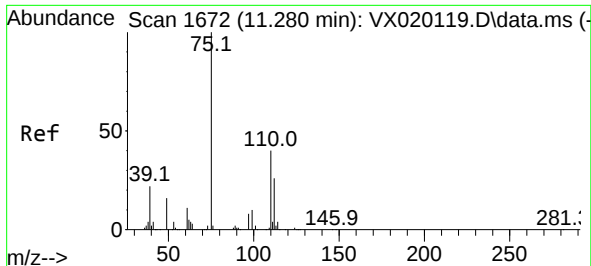
Tgt Ion:117 Resp: 437451
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion:152 Resp: 189091
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.4 0.0 349.0

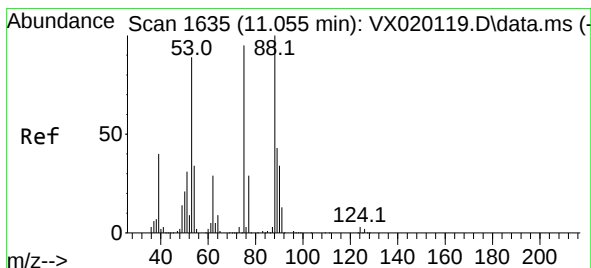
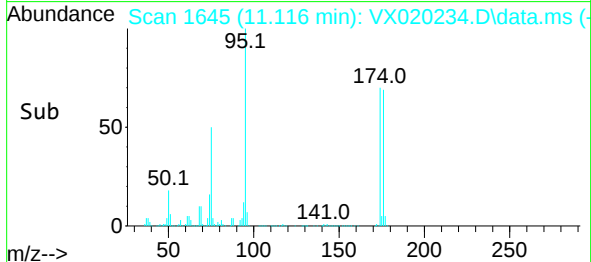
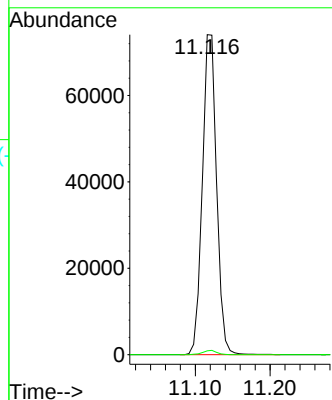
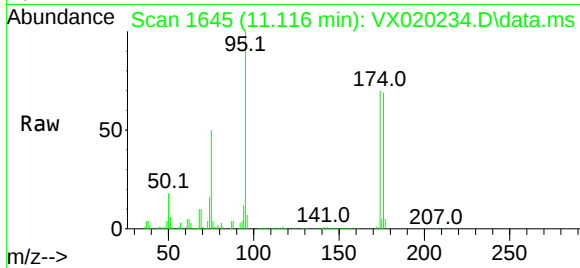




#76
1,2,3-Trichloropropane
Concen: 21.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

Tgt Ion: 75 Resp: 98025
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.44 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020234.D
Acq: 20 Dec 2020 17:10

Tgt Ion: 75 Resp: 98025
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

