

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020362.D
 Acq On : 24 Dec 2020 01:14
 Operator : JC/MD
 Sample : L5095-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW106-121420

Quant Time: Dec 24 05:35:08 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	248476	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	415427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	378301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	167699	50.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.70%	
35) Dibromofluoromethane	5.465	113	134842	50.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.48%	
50) Toluene-d8	8.696	98	513189	50.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.34%	
62) 4-Bromofluorobenzene	11.122	95	180485	46.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.20%	

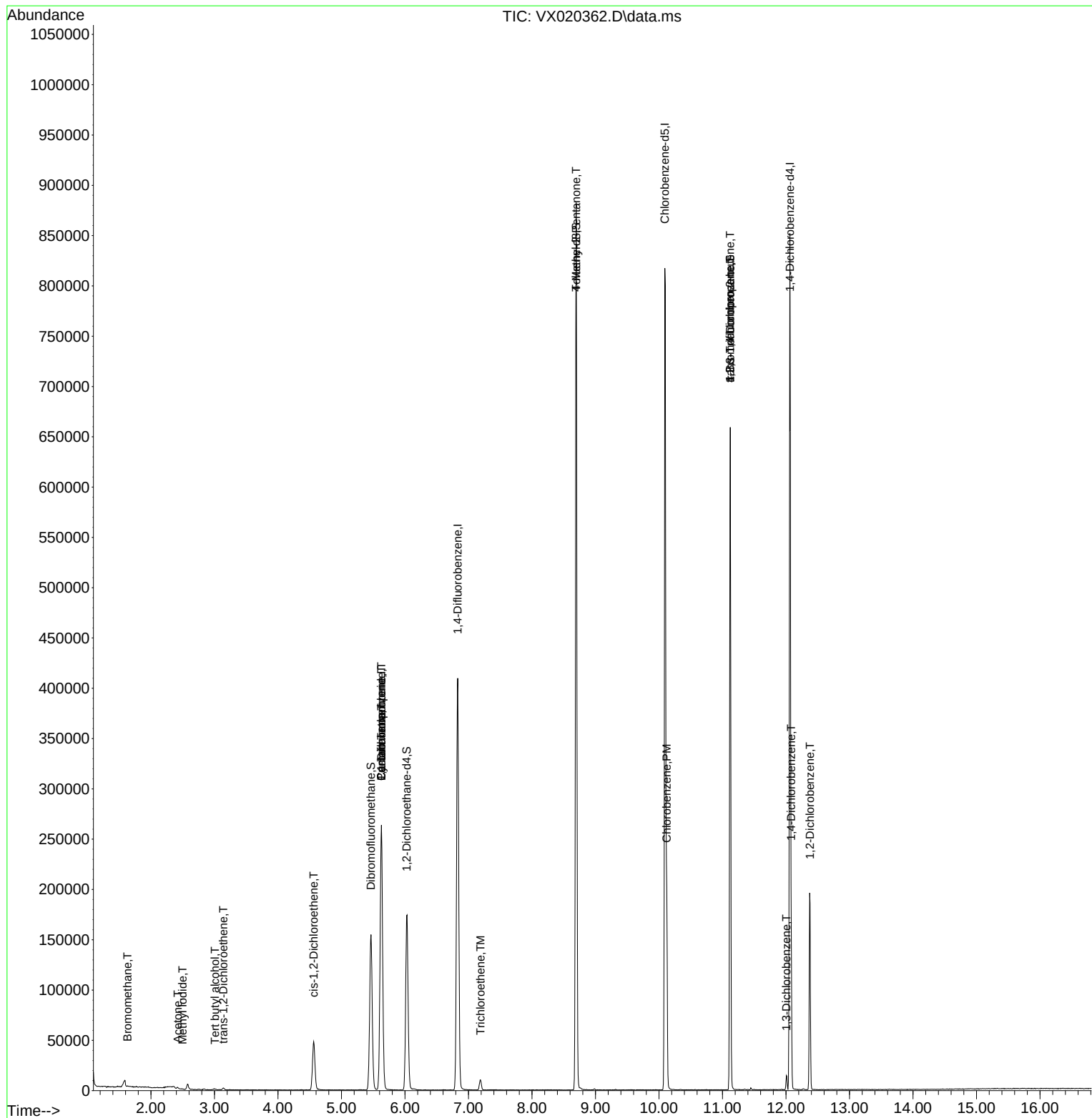
Target Compounds						Qvalue
5) Bromomethane	1.630	94	608	0.56	ug/l	98
10) Methyl Iodide	2.496	142	351	3.38	ug/l #	86
11) Tert butyl alcohol	3.008	59	664	0.89	ug/l #	73
16) Acetone	2.422	43	1558	1.03	ug/l	90
21) trans-1,2-Dichloroethene	3.142	96	724	0.24	ug/l	92
27) cis-1,2-Dichloroethene	4.562	96	31379	9.03	ug/l	90
31) Cyclohexane	5.629	56	4853	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19682	4.79	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24460	6.26	ug/l #	17
44) Trichloroethene	7.190	130	4133	1.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.696	43	2061	0.49	ug/l #	1
65) Chlorobenzene	10.122	112	86204	10.62	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	86285	20.86	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86285	61.88	ug/l #	12
87) 1,3-Dichlorobenzene	12.006	146	4796	0.84	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	42587	7.13	ug/l	96
91) 1,2-Dichlorobenzene	12.378	146	63515	11.14	ug/l	98

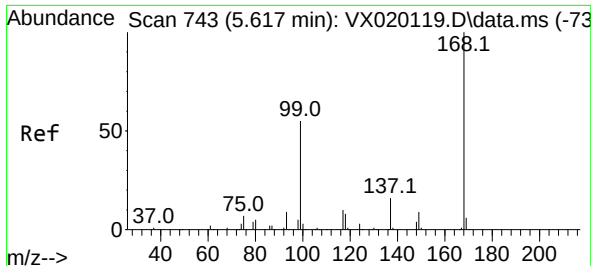
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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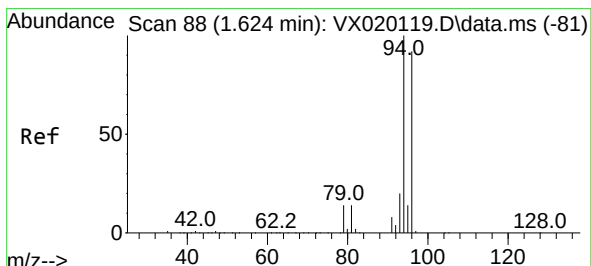
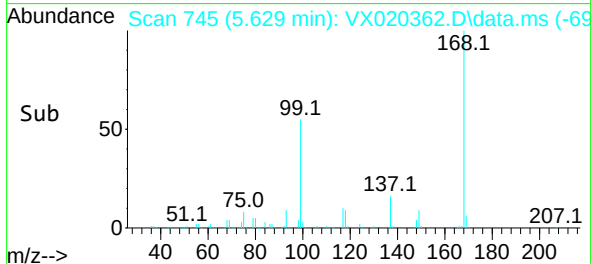
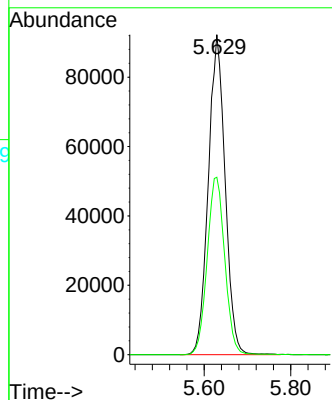
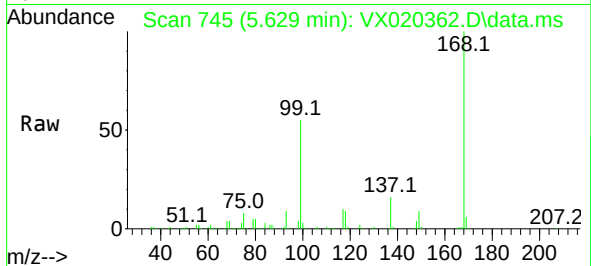




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

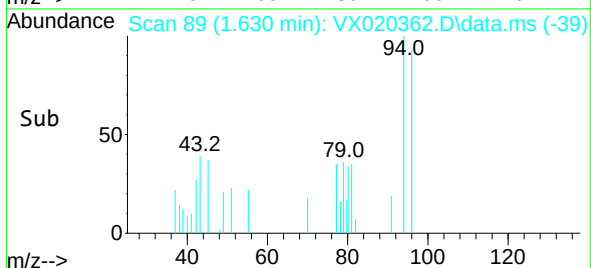
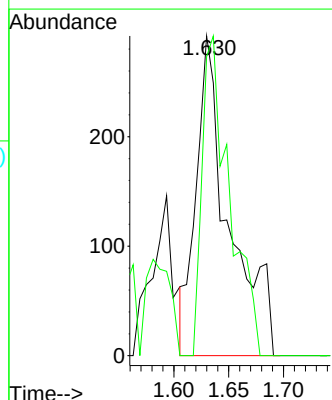
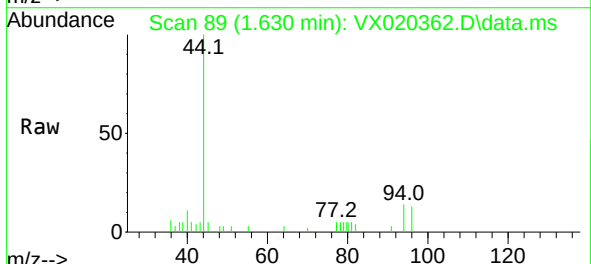
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

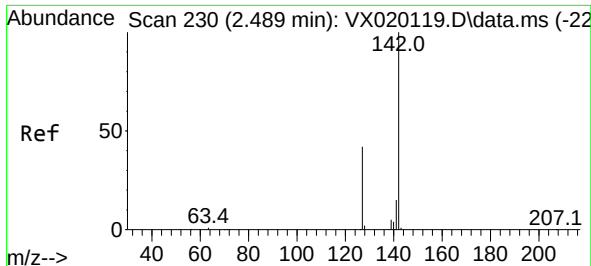
Tgt Ion:168 Resp: 248476
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

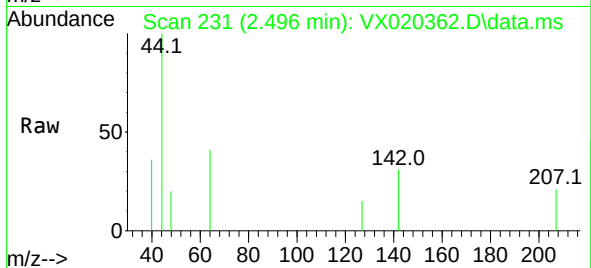
Tgt Ion: 94 Resp: 608
Ion Ratio Lower Upper
94 100
96 93.5 76.4 114.6



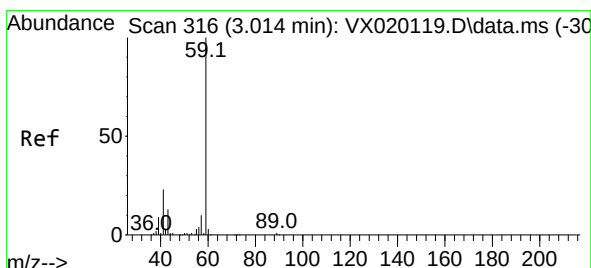
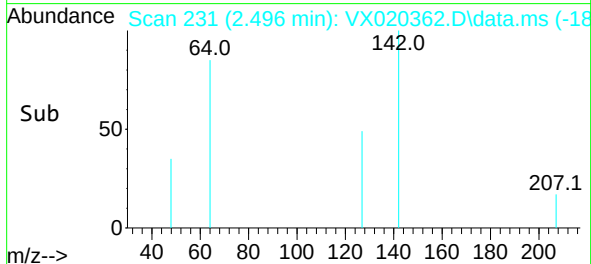
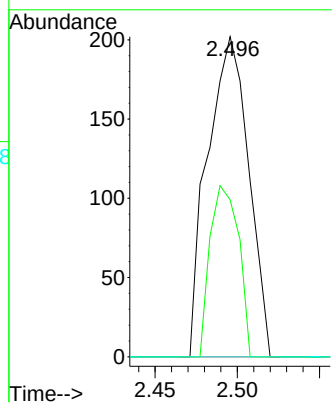


#10
Methyl Iodide
Concen: 3.38 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

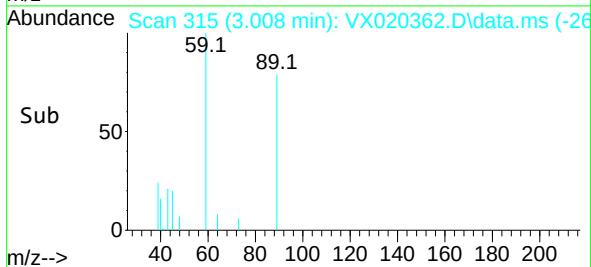
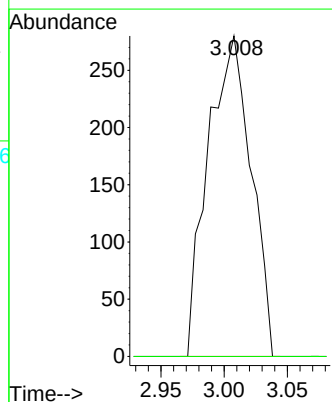
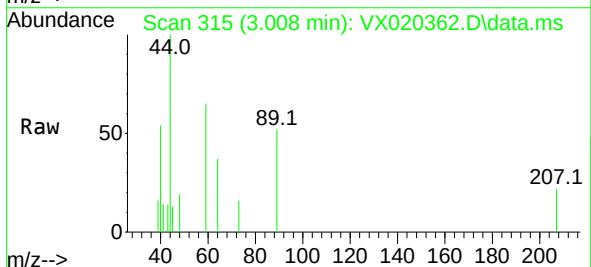


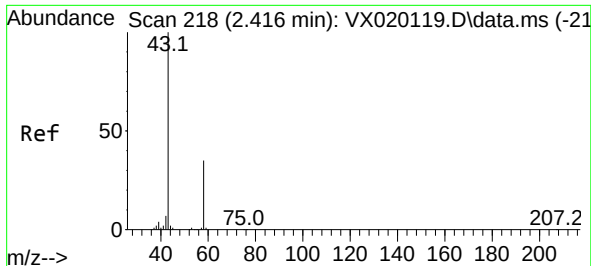
Tgt Ion:142 Resp: 351
Ion Ratio Lower Upper
142 100
127 37.3 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion: 59 Resp: 664
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

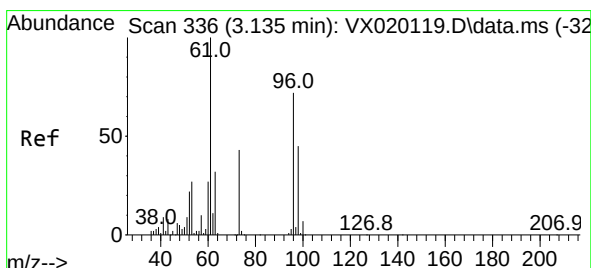
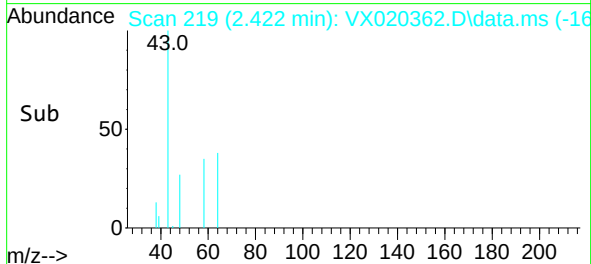
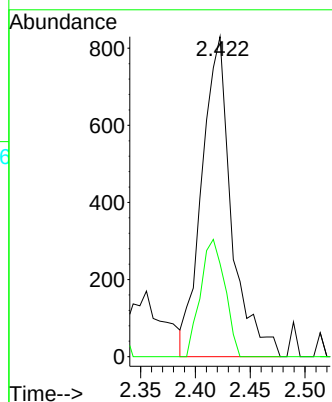
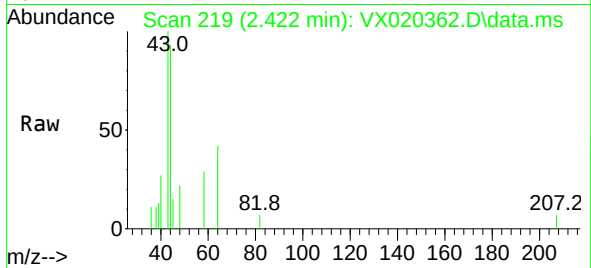




#16
Acetone
Concen: 1.03 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

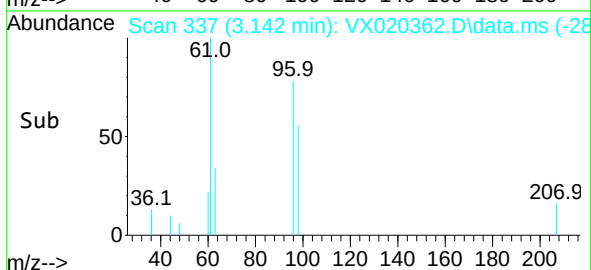
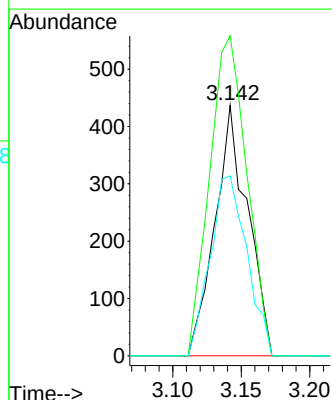
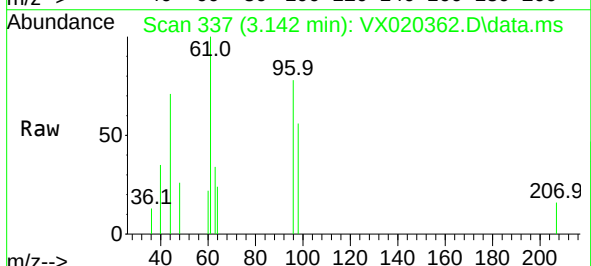
Instrument :
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ClientSampleId :
39-MW106-121420

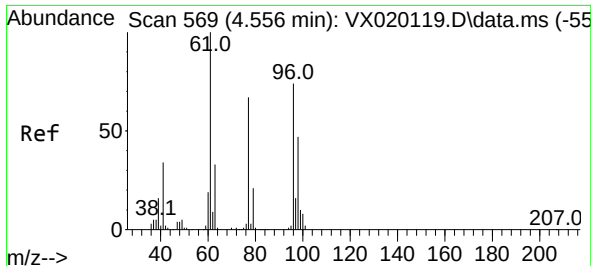
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion: 96 Resp: 724
Ion Ratio Lower Upper
96 100
61 127.7 107.7 161.5
98 71.9 50.4 75.6

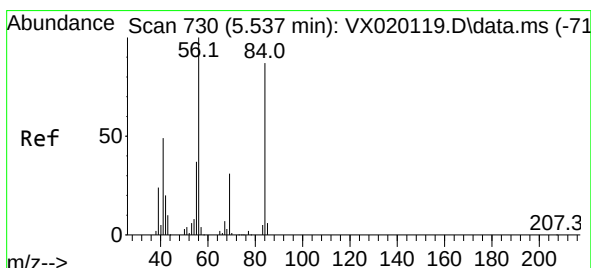
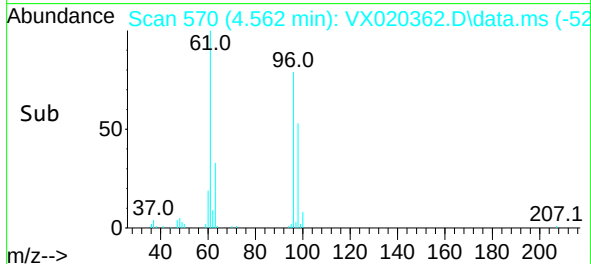
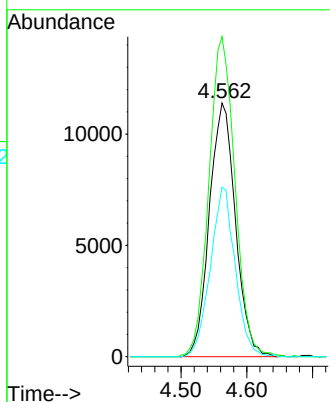
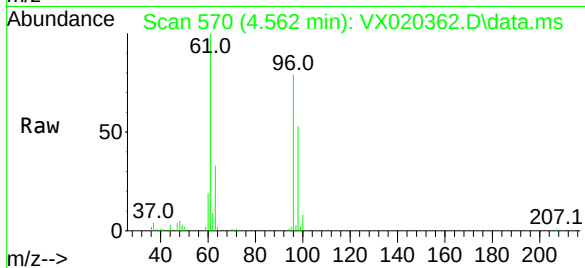




#27
 cis-1,2-Dichloroethene
 Concen: 9.03 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020362.D
 Acq: 24 Dec 2020 01:14

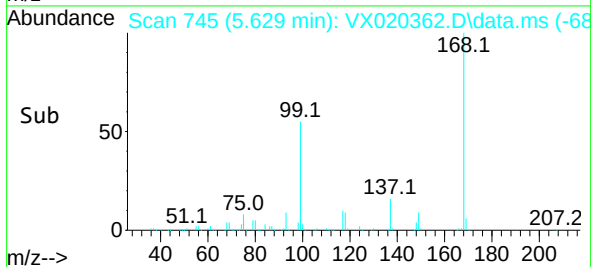
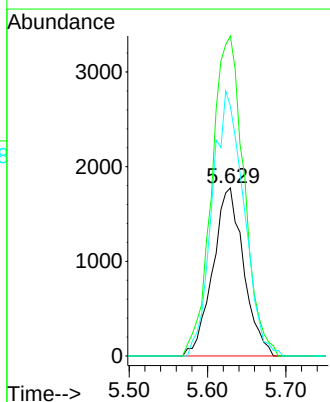
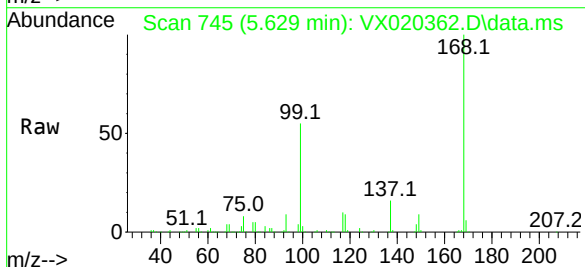
Instrument :
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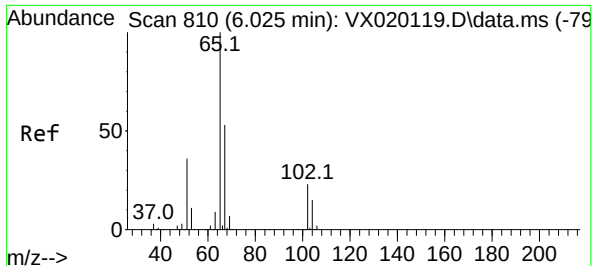
Tgt Ion:	96	Resp:	31379
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	285.6
98	63.8	0.0	129.6



#31
 Cyclohexane
 Concen: 1.06 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.092 min
 Lab File: VX020362.D
 Acq: 24 Dec 2020 01:14

Tgt Ion:	56	Resp:	4853
Ion	Ratio	Lower	Upper
56	100		
69	190.5	25.3	37.9#
84	148.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.35 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020362.D

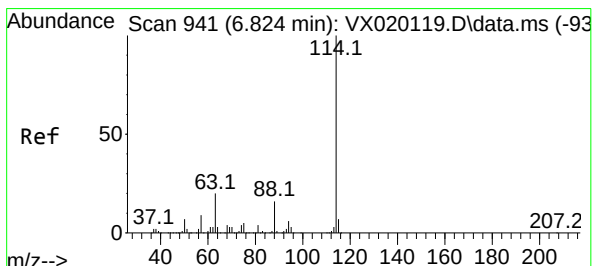
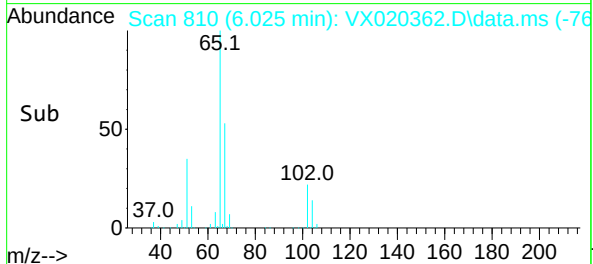
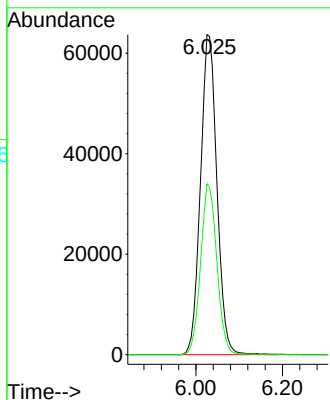
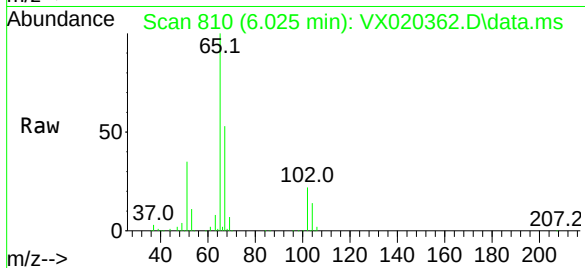
Acq: 24 Dec 2020 01:14

Tgt Ion: 65 Resp: 167699

Ion Ratio Lower Upper

65 100

67 52.7 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: VX020362.D

Acq: 24 Dec 2020 01:14

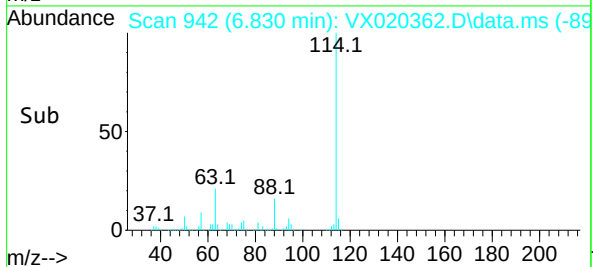
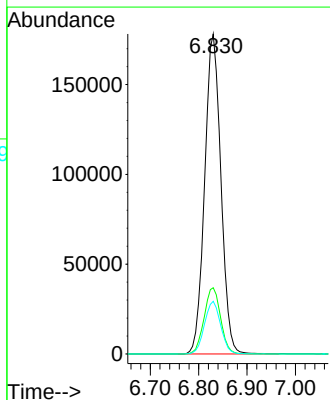
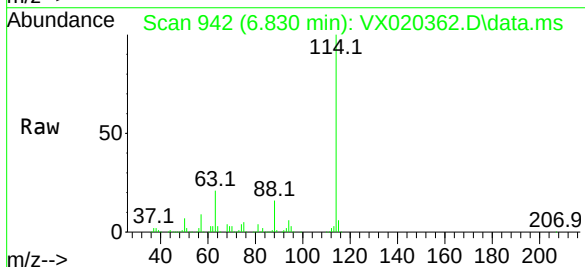
Tgt Ion: 114 Resp: 415427

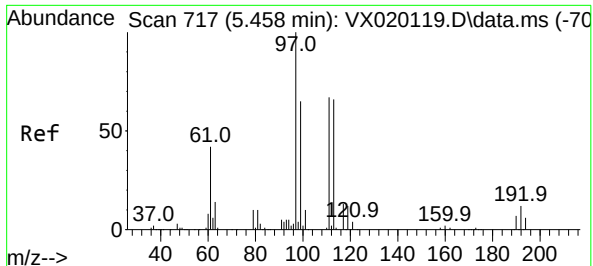
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

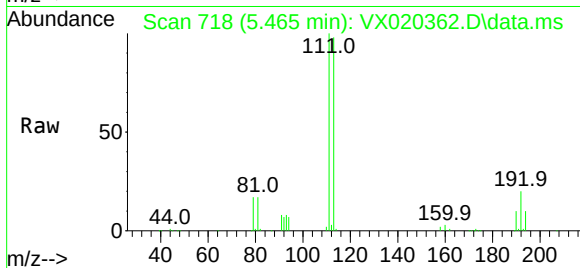
88 16.4 0.0 32.8



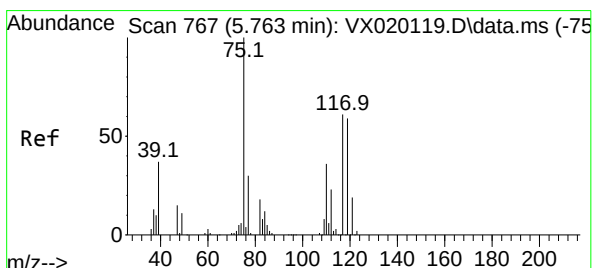
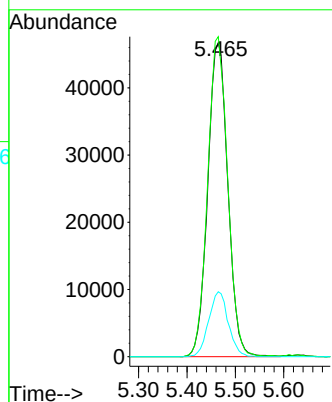
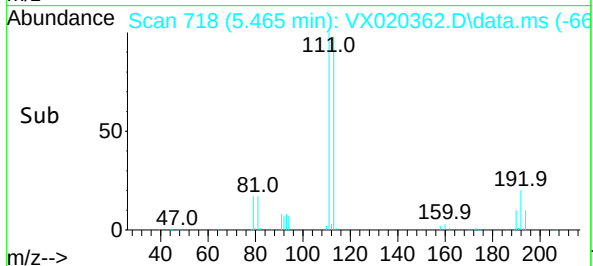


#35
Dibromofluoromethane
Concen: 50.74 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

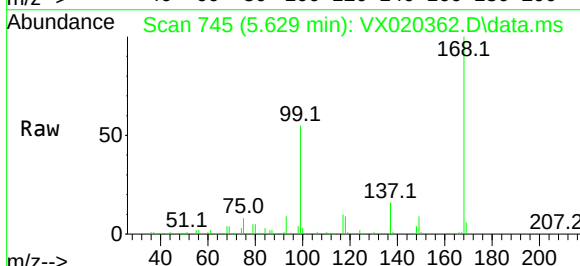
Instrument :
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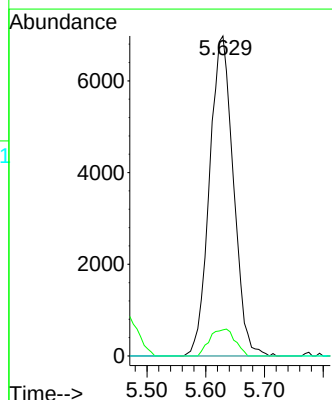
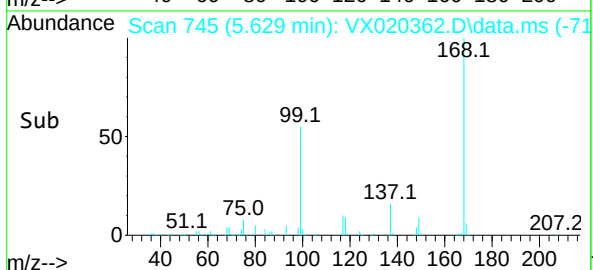
Tgt Ion:113 Resp: 134842
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 20.2 16.7 25.1

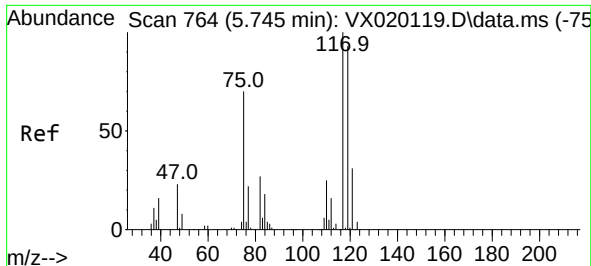


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14



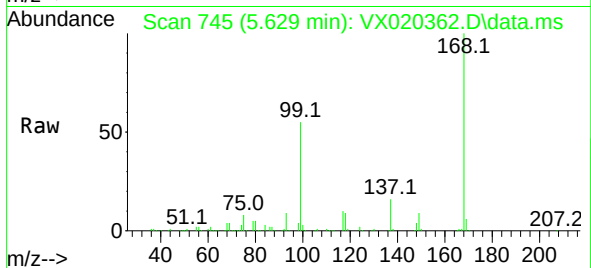
Tgt Ion: 75 Resp: 19682
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



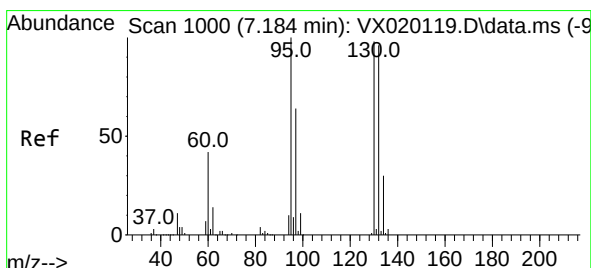
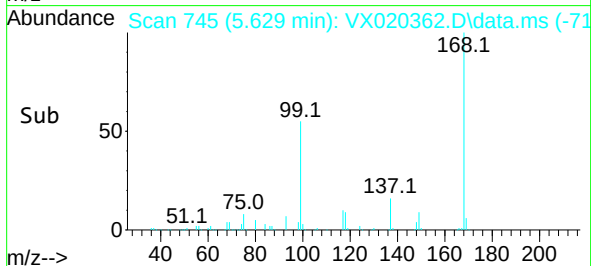
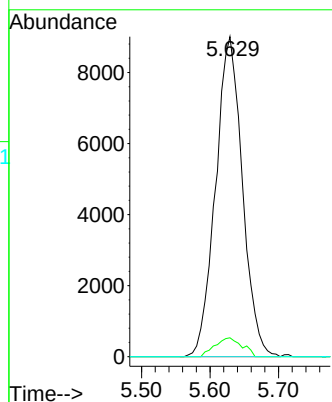


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

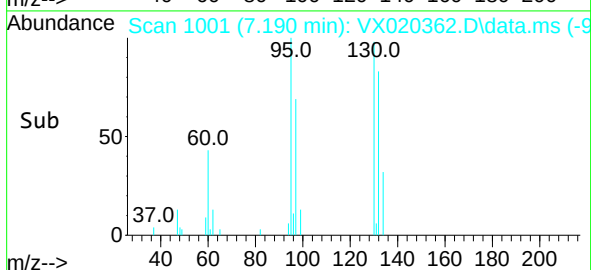
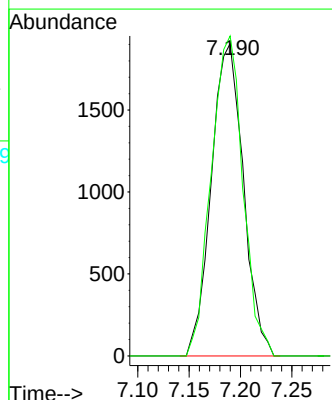
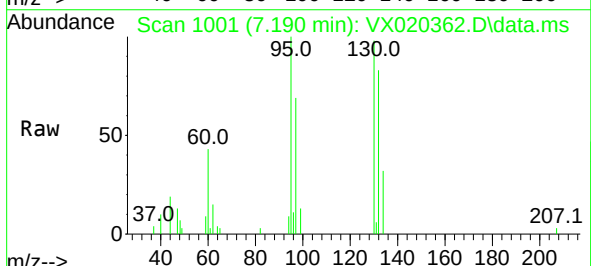


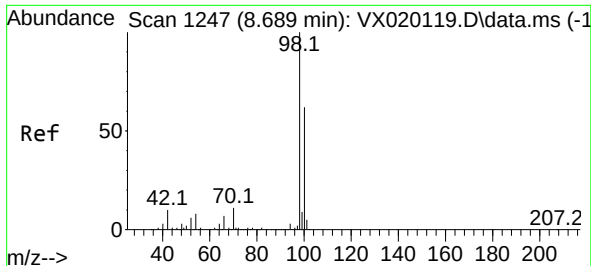
Tgt Ion:117 Resp: 24460
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion:130 Resp: 4133
Ion Ratio Lower Upper
130 100
95 102.5 0.0 198.0

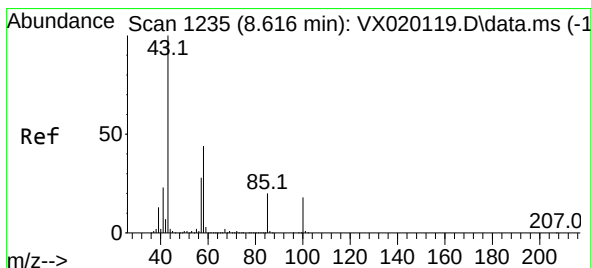
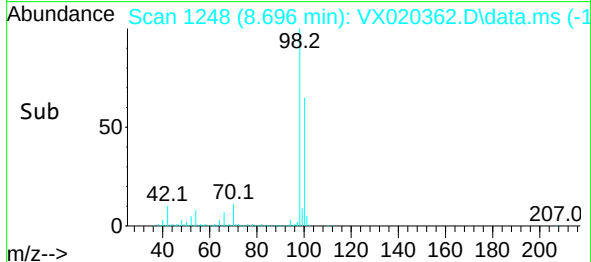
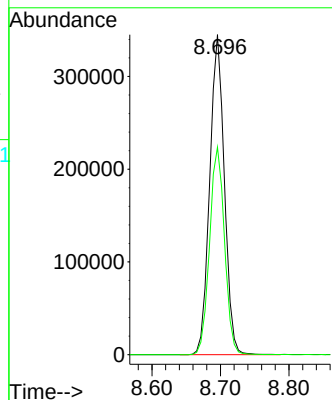
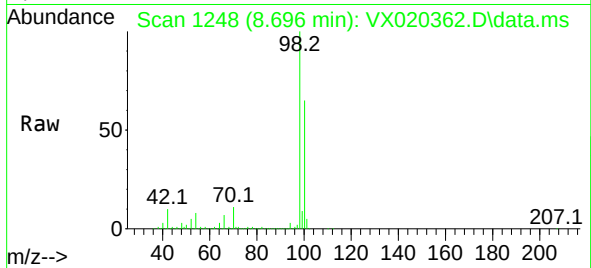




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

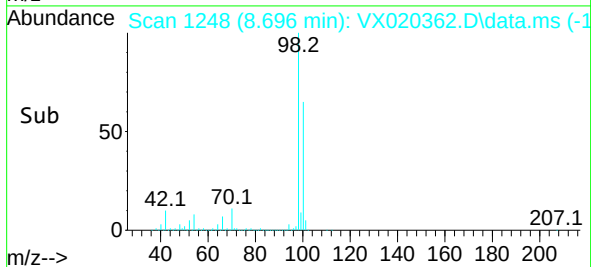
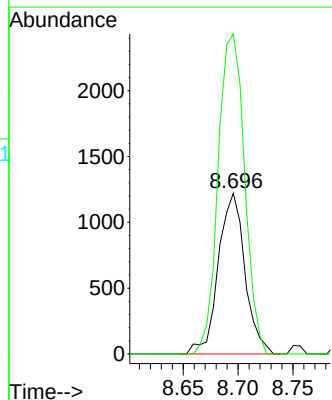
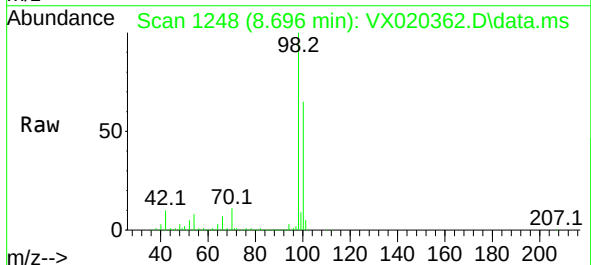
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

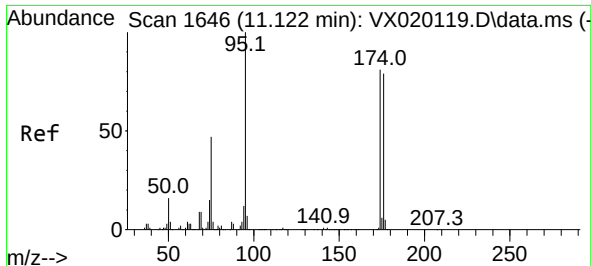
Tgt Ion: 98 Resp: 513189
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 197.8 35.4 53.0#

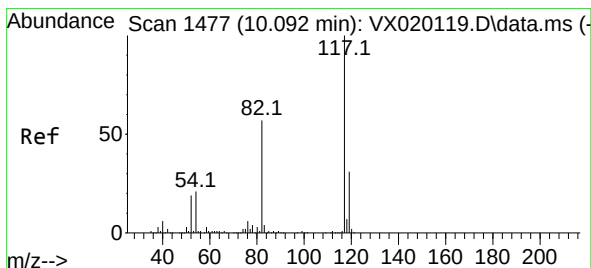
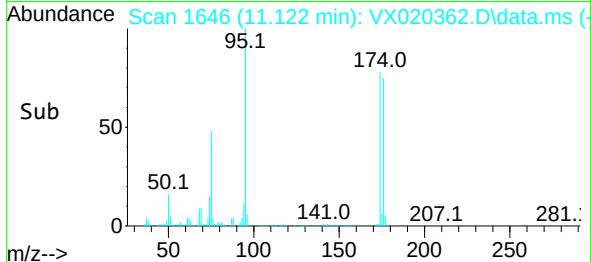
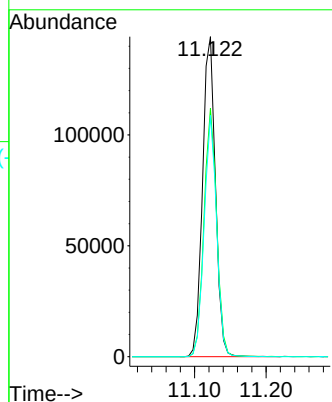
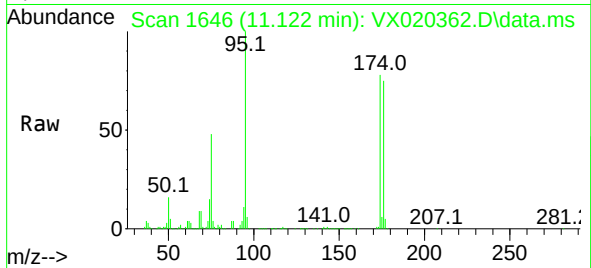




#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

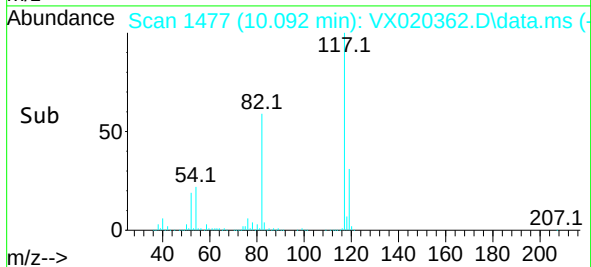
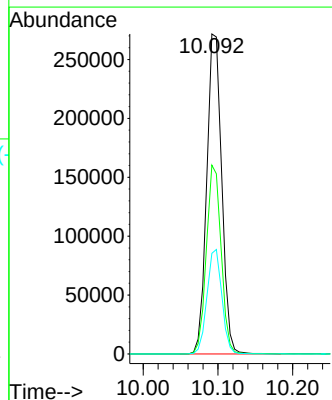
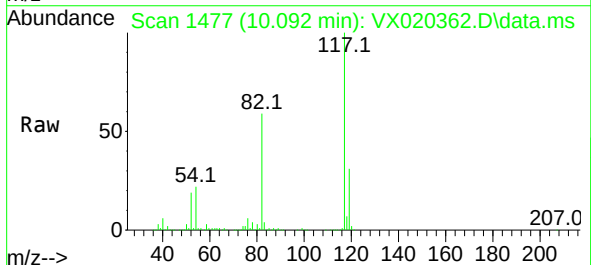
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

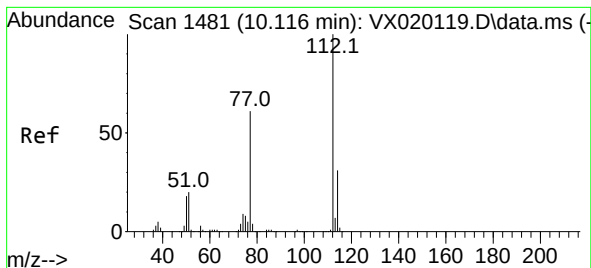
Tgt Ion: 95 Resp: 180485
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion: 117 Resp: 378301
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.4 26.6 39.8

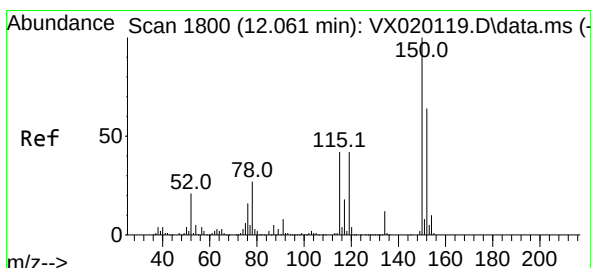
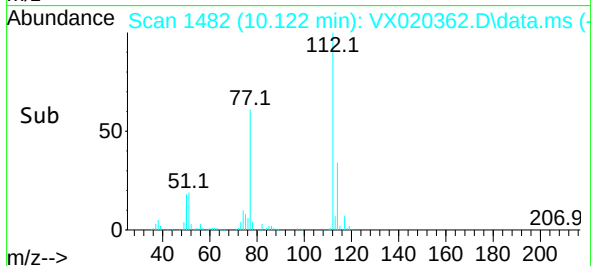
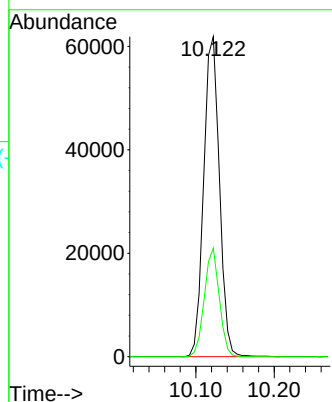
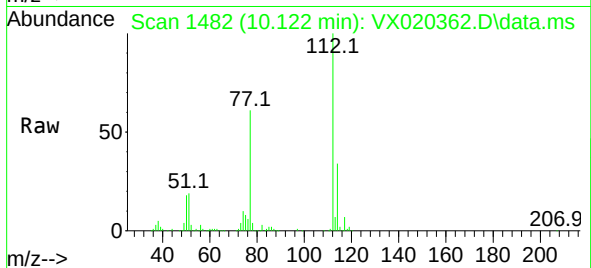




#65
Chlorobenzene
Concen: 10.62 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

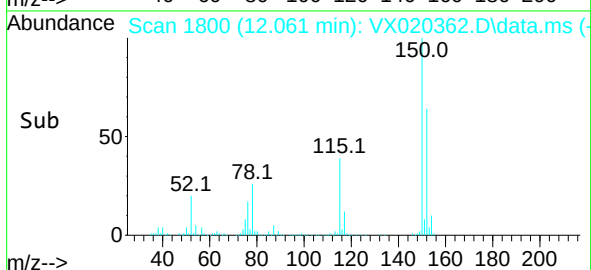
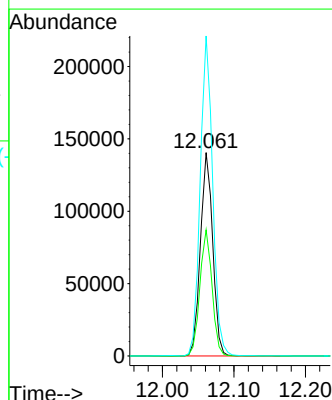
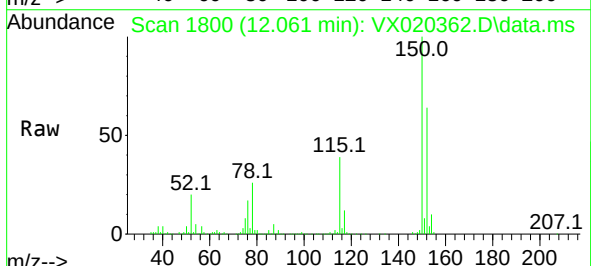
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

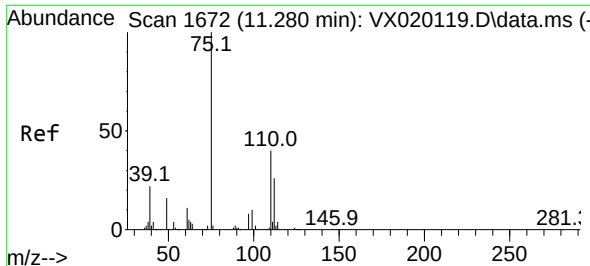
Tgt Ion:112 Resp: 86204
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion:152 Resp: 167936
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 158.6 0.0 349.0

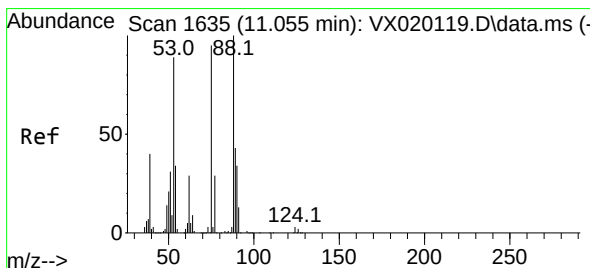
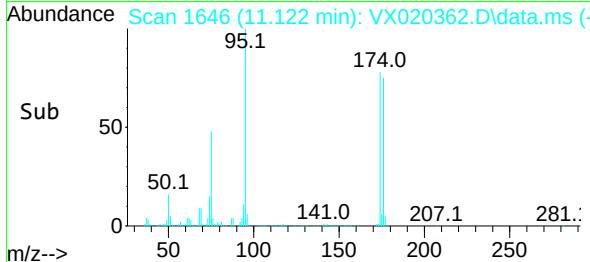
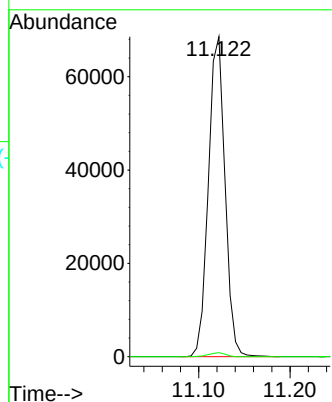
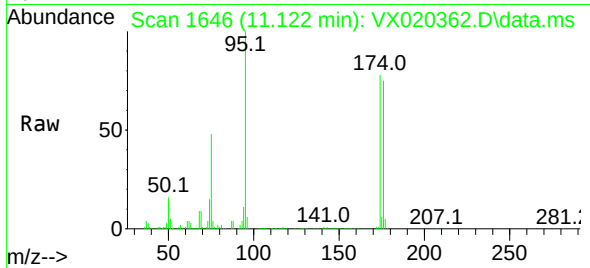




#76
1,2,3-Trichloropropane
Concen: 20.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

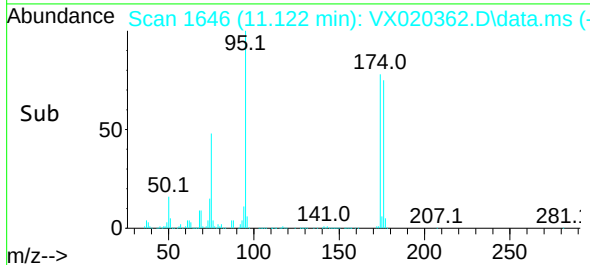
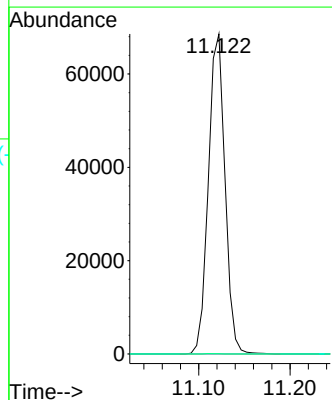
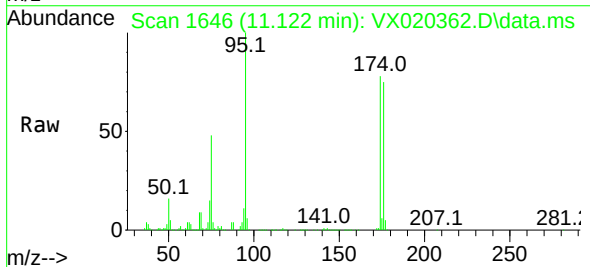
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

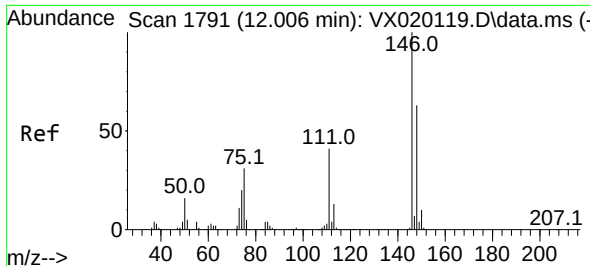
Tgt Ion: 75 Resp: 86285
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.88 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

Tgt Ion: 75 Resp: 86285
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

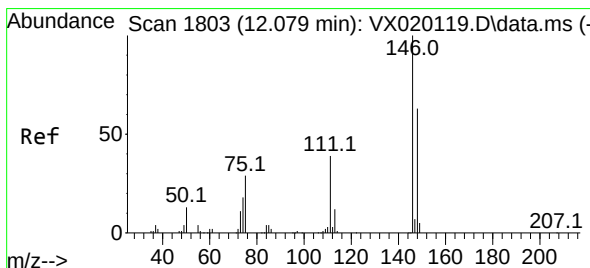
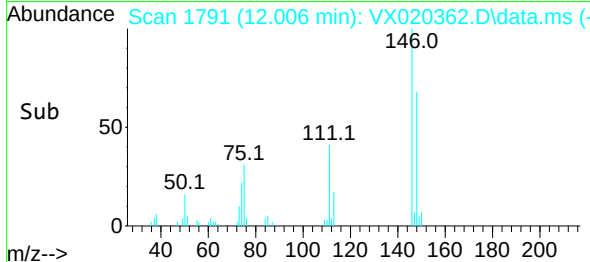
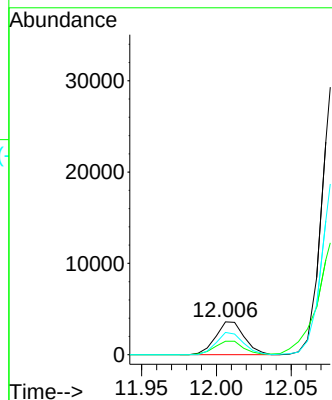
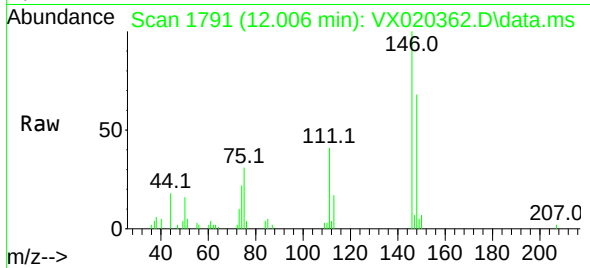




#87
1,3-Dichlorobenzene
Concen: 0.84 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

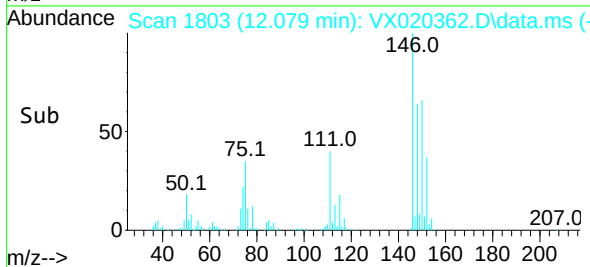
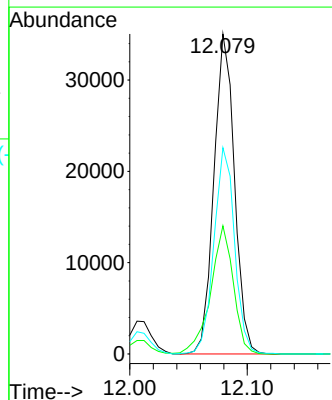
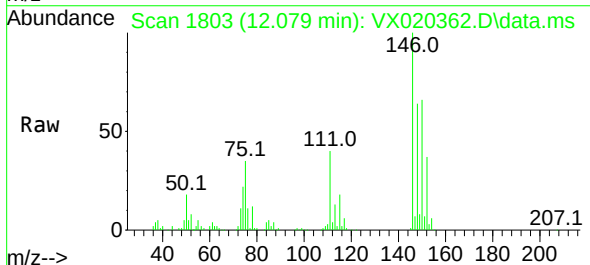
Instrument :
MSVOA_X
ClientSampleId :
39-MW106-121420

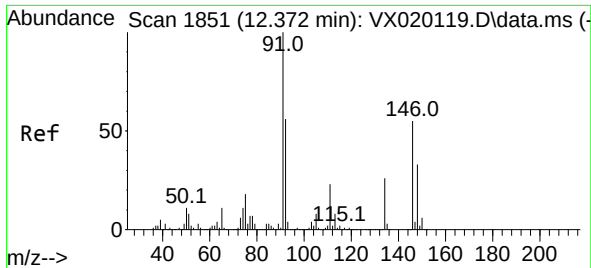
Tgt Ion:146 Resp: 4796
Ion Ratio Lower Upper
146 100
111 41.7 20.2 60.5
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 7.13 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020362.D
Acq: 24 Dec 2020 01:14

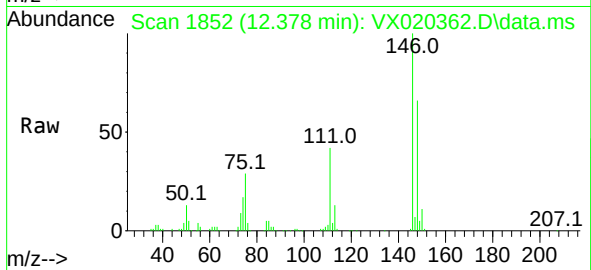
Tgt Ion:146 Resp: 42587
Ion Ratio Lower Upper
146 100
111 44.1 19.6 58.8
148 65.1 31.6 95.0





#91
 1,2-Dichlorobenzene
 Concen: 11.14 ug/l
 RT: 12.378 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: VX020362.D
 Acq: 24 Dec 2020 01:14

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW106-121420



Tgt Ion:	146	Resp:	63515
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.8	62.2
148	64.8	31.9	95.5

