

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020368.D
 Acq On : 24 Dec 2020 03:34
 Operator : JC/MD
 Sample : L5095-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW113-121420

Quant Time: Dec 24 05:37:01 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)

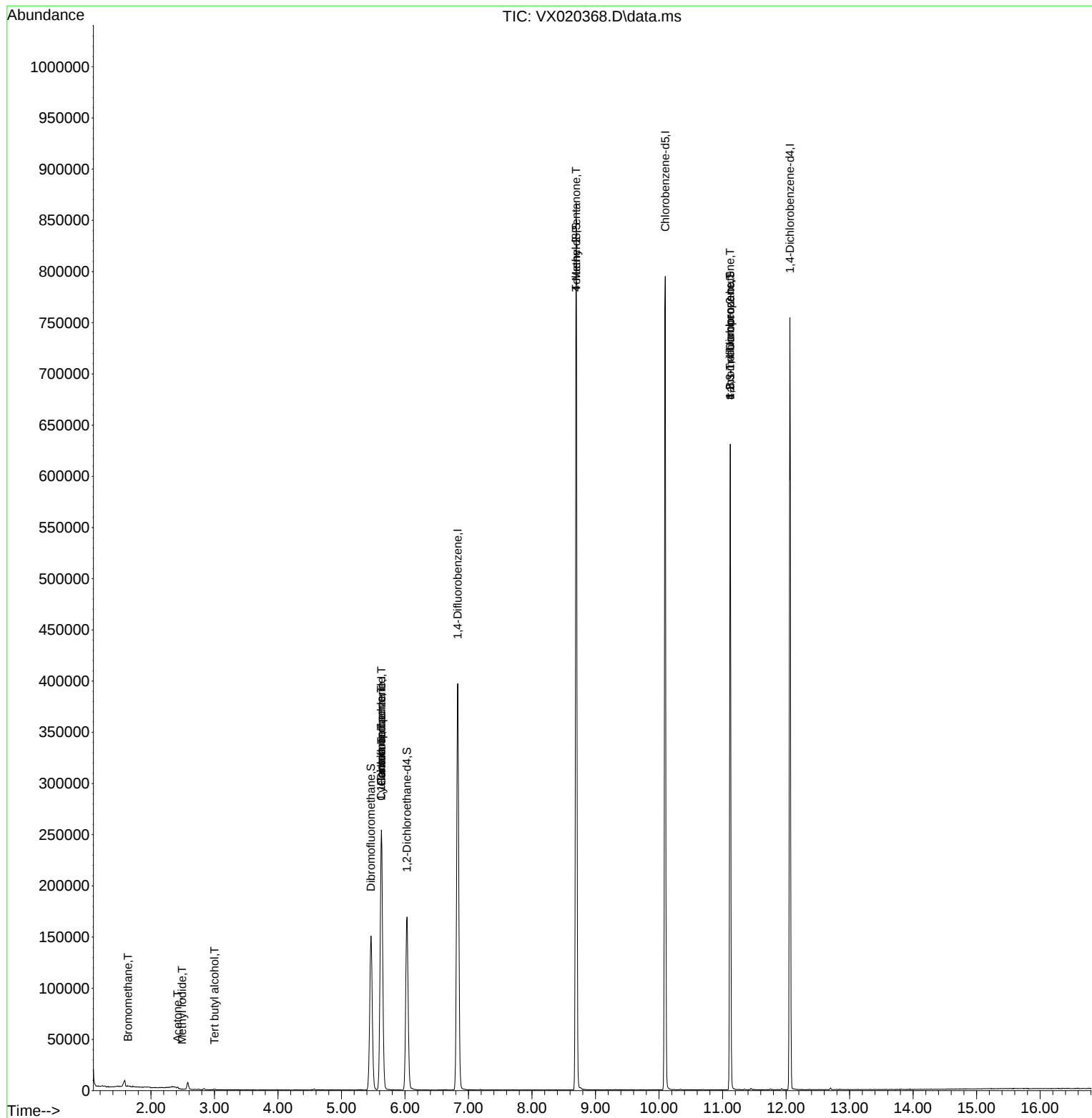
Internal Standards						
1) Pentafluorobenzene	5.629	168	237967	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	396084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	370235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	152423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	161790	50.72	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.44%	
35) Dibromofluoromethane	5.464	113	130199	51.39	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.78%	
50) Toluene-d8	8.695	98	503064	51.58	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.122	95	165515	44.34	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	88.68%	
Target Compounds						
						Qvalue
5) Bromomethane	1.636	94	411	0.39	ug/l	87
10) Methyl Iodide	2.489	142	31	3.29	ug/l #	42
11) Tert butyl alcohol	3.001	59	496	0.69	ug/l #	73
16) Acetone	2.416	43	1696	1.17	ug/l	92
31) Cyclohexane	5.623	56	4793	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18466	4.72	ug/l #	49
38) Carbon Tetrachloride	5.629	117	23345	6.27	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	2032	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	81811	21.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	81811	64.65	ug/l #	12

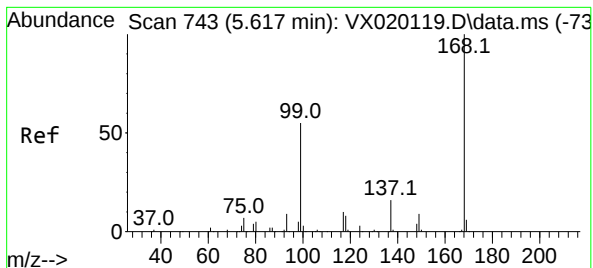
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX020368.D

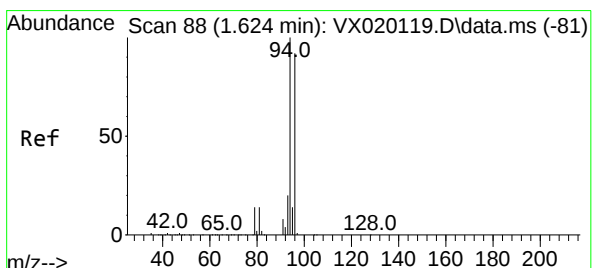
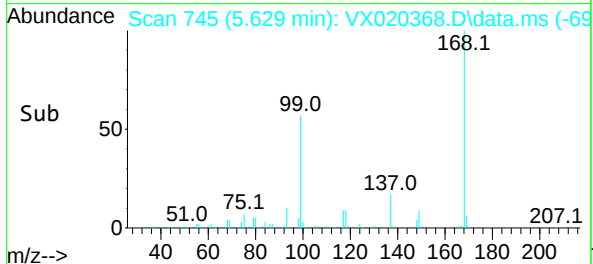
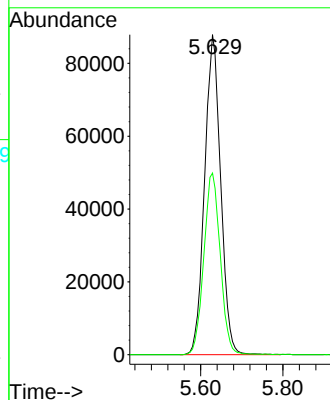
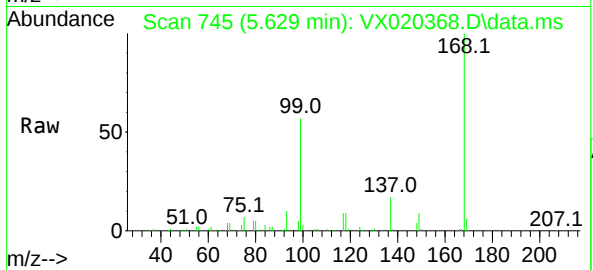
Acq: 24 Dec 2020 03:34

Tgt Ion:168 Resp: 237967

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



#5

Bromomethane

Concen: 0.39 ug/l

RT: 1.636 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX020368.D

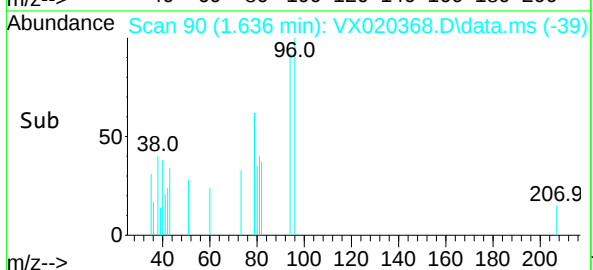
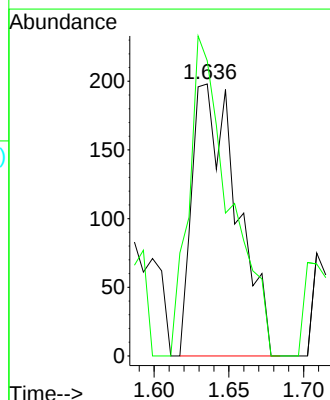
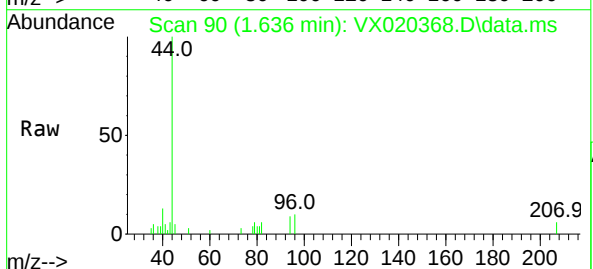
Acq: 24 Dec 2020 03:34

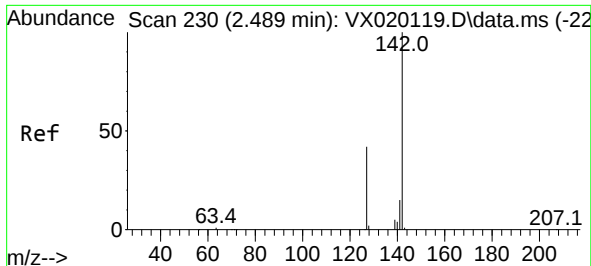
Tgt Ion: 94 Resp: 411

Ion Ratio Lower Upper

94 100

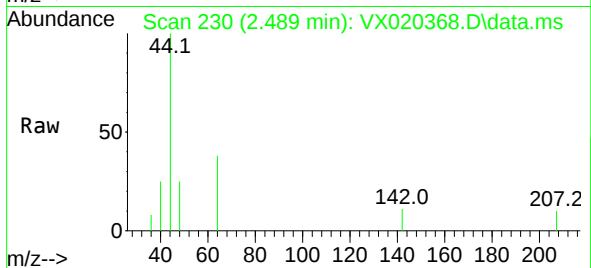
96 108.6 76.4 114.6



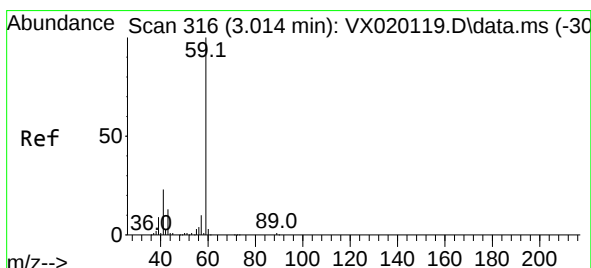
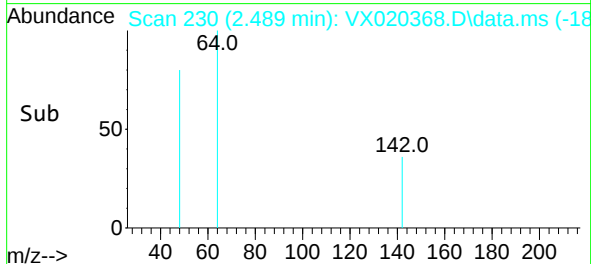
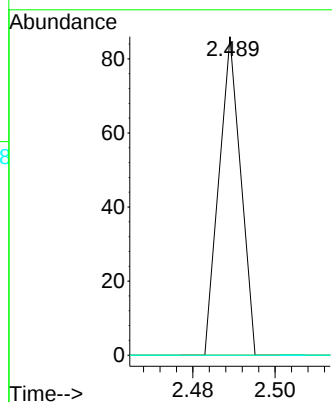


#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

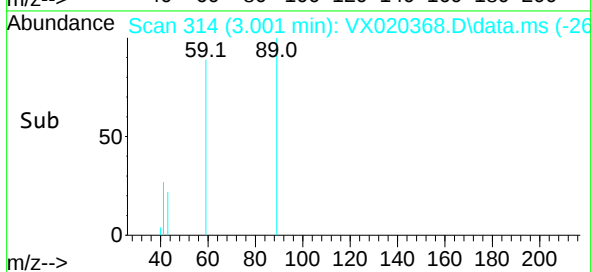
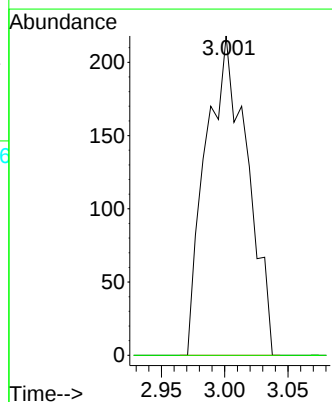
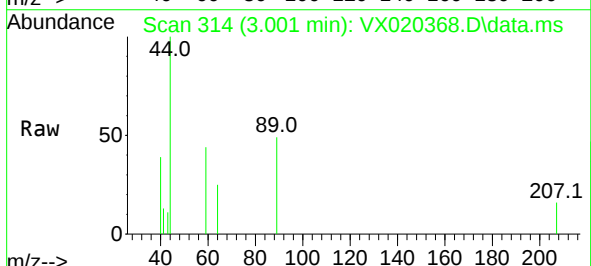


Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

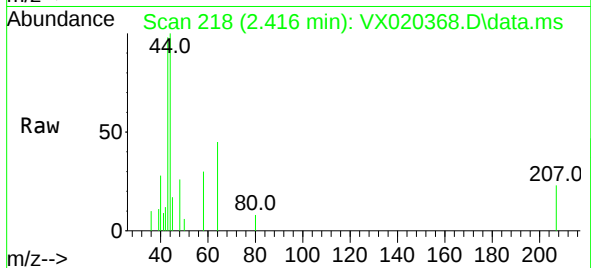
Tgt Ion: 59 Resp: 496
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



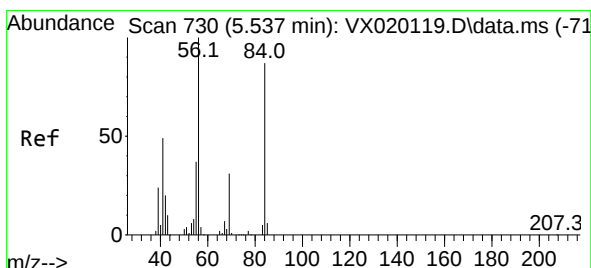
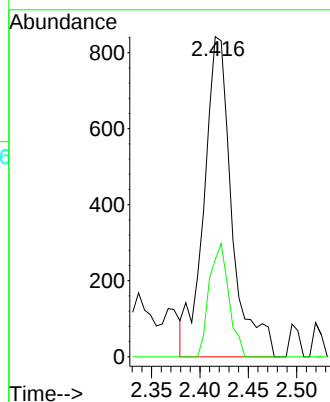
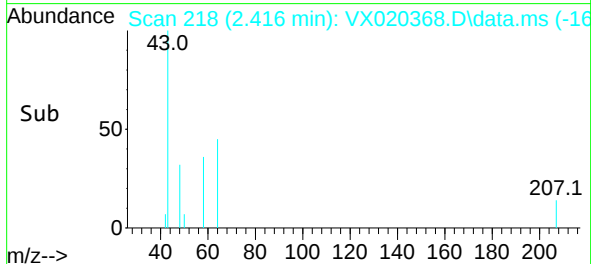


#16
Acetone
Concen: 1.17 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

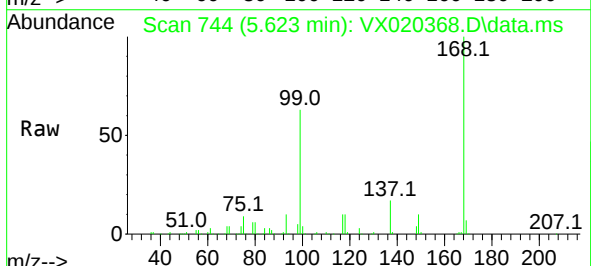
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420



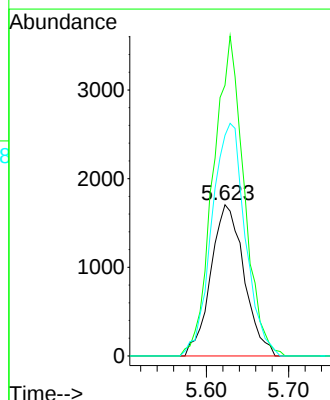
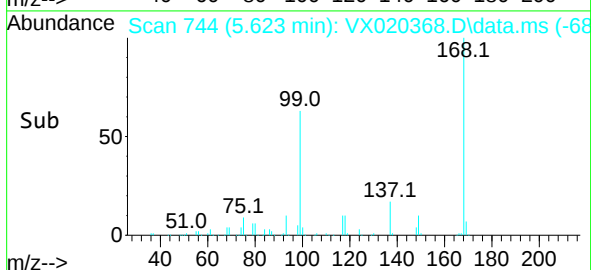
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8

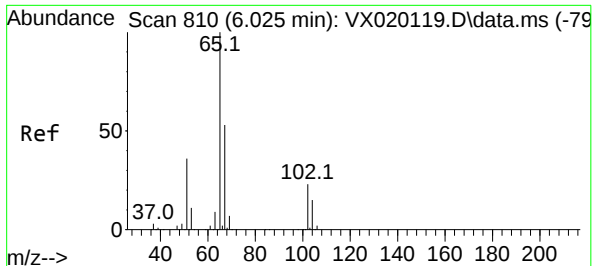


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34



Tgt Ion: 56 Resp: 4793
Ion Ratio Lower Upper
56 100
69 179.1 25.3 37.9#
84 146.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.72 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020368.D

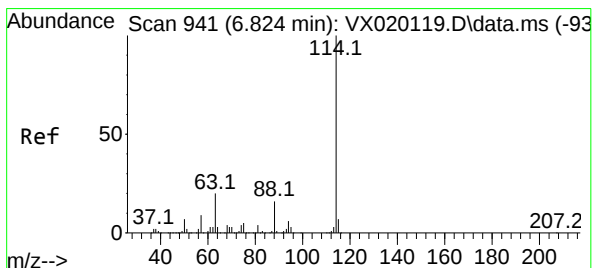
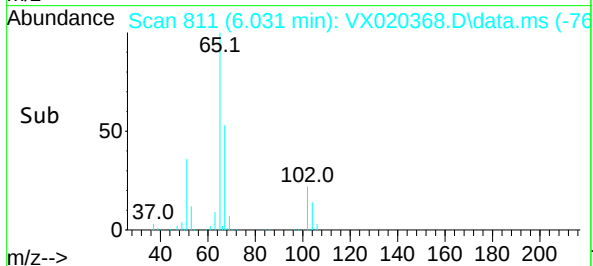
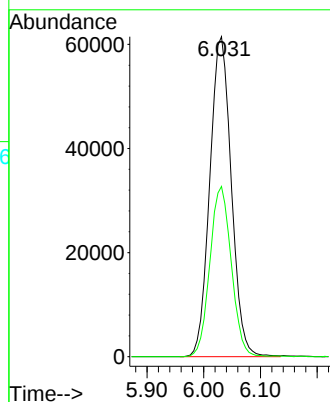
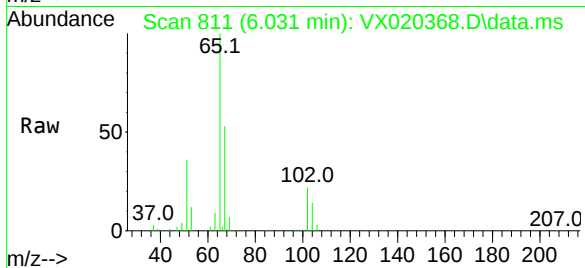
Acq: 24 Dec 2020 03:34

Tgt Ion: 65 Resp: 161790

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: VX020368.D

Acq: 24 Dec 2020 03:34

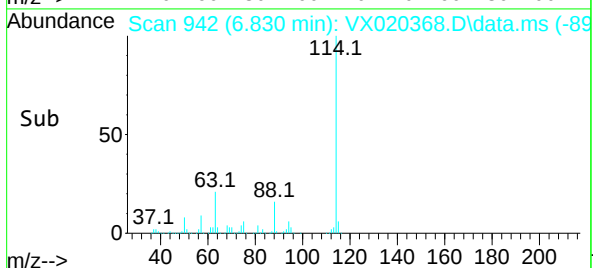
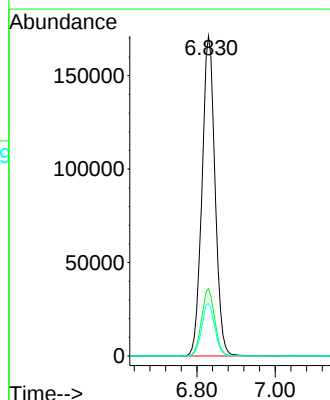
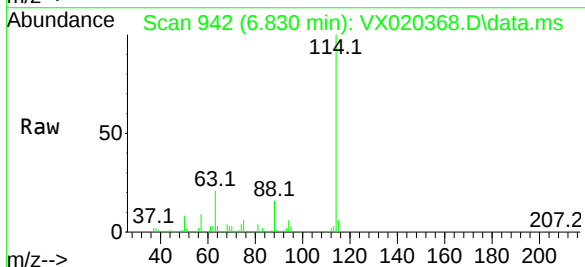
Tgt Ion: 114 Resp: 396084

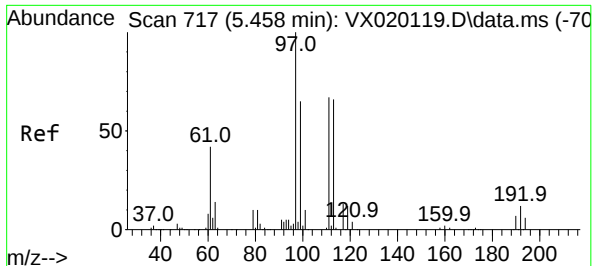
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

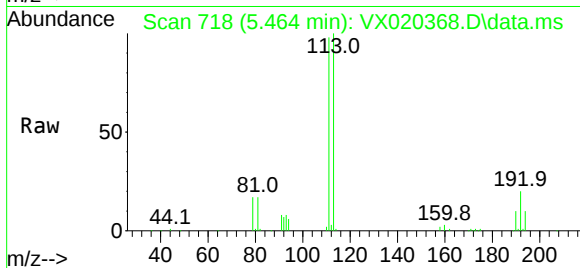
88 16.3 0.0 32.8



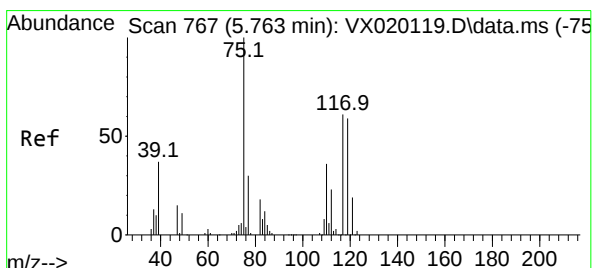
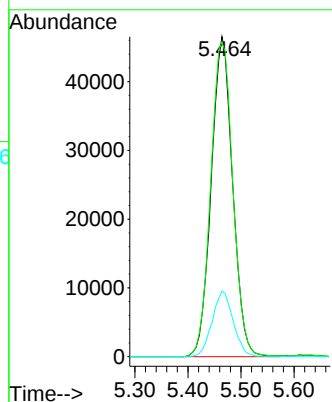
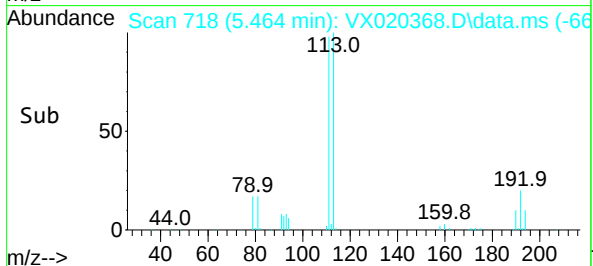


#35
Dibromofluoromethane
Concen: 51.39 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

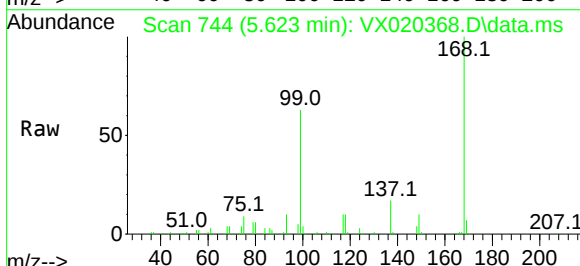
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420



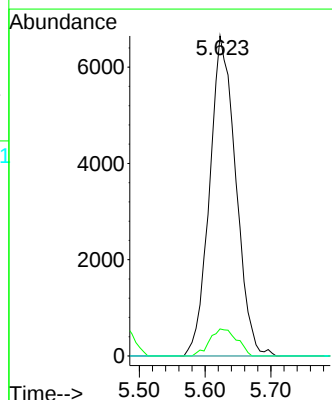
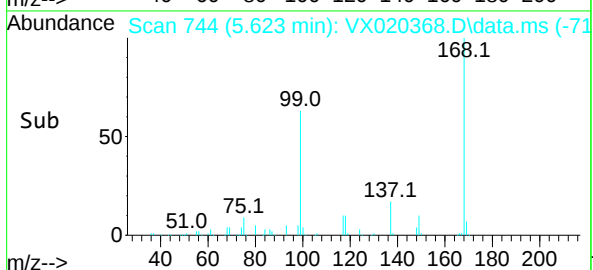
Tgt Ion:113 Resp: 130199
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.2 16.7 25.1

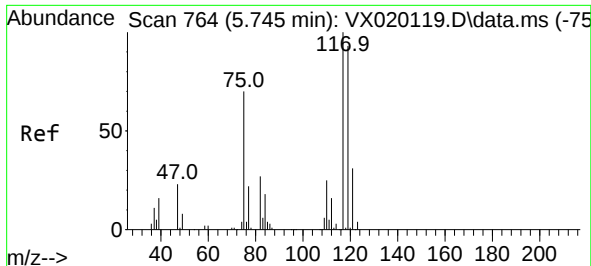


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34



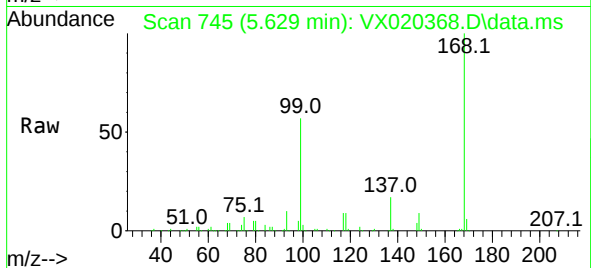
Tgt Ion: 75 Resp: 18466
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



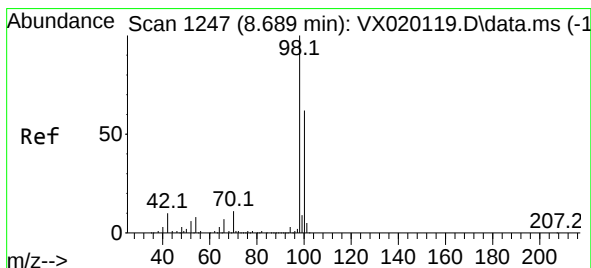
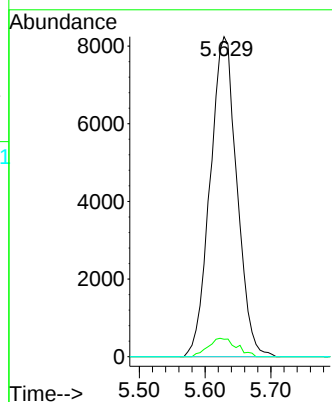
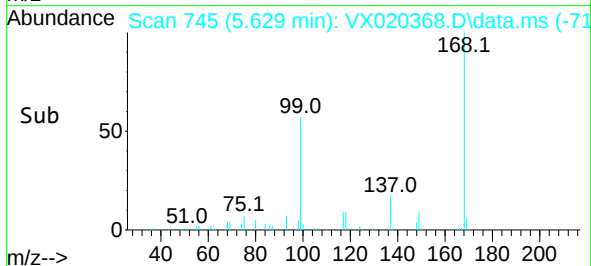


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

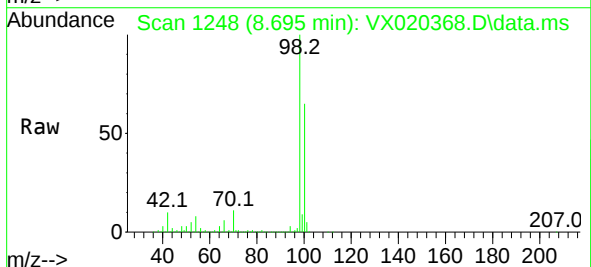
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420



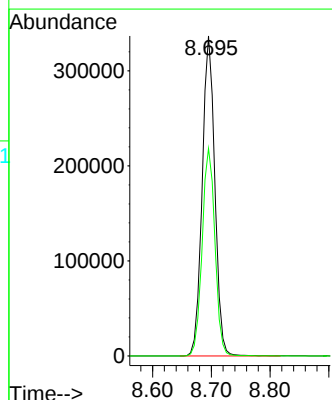
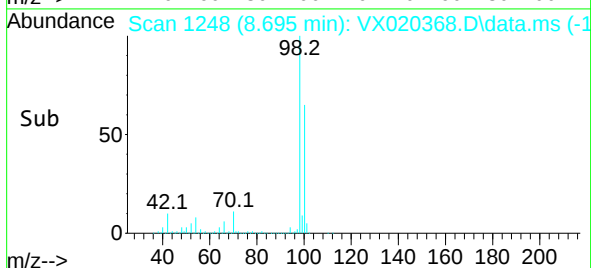
Tgt Ion:117 Resp: 23345
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

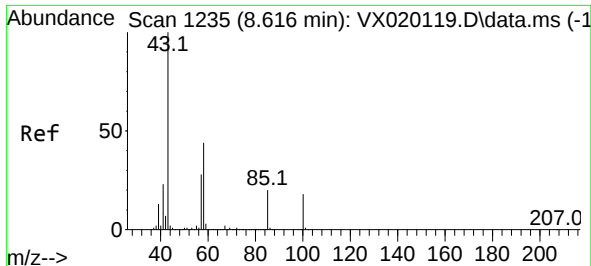


#50
Toluene-d8
Concen: 51.58 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34



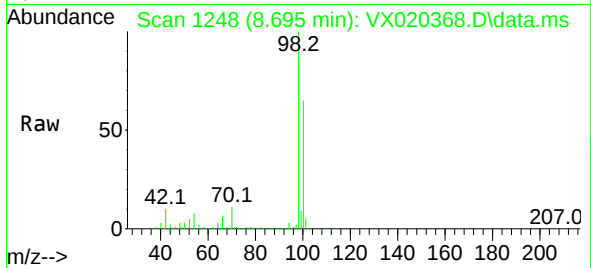
Tgt Ion: 98 Resp: 503064
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



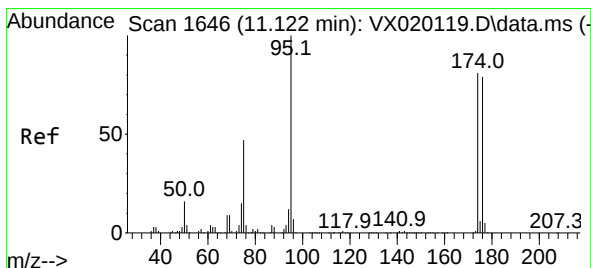
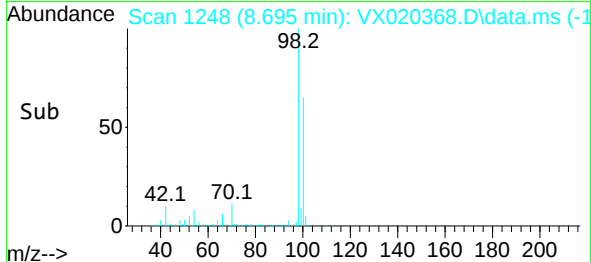
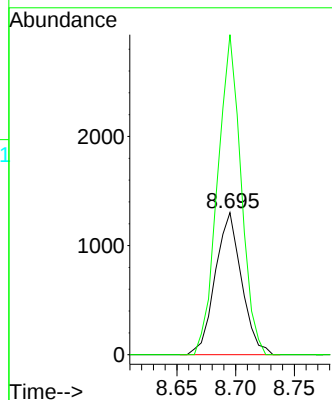


#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

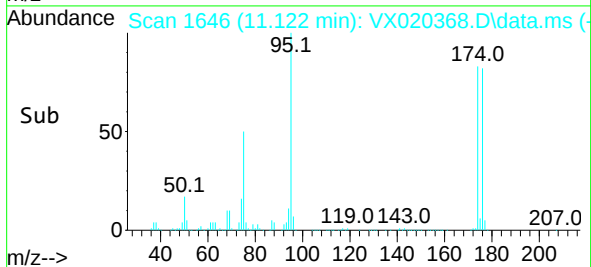
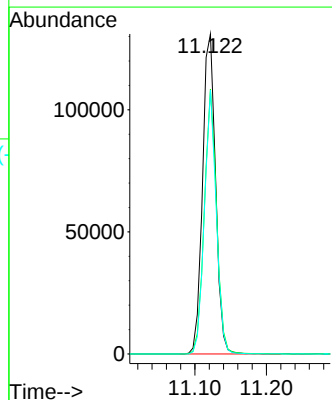
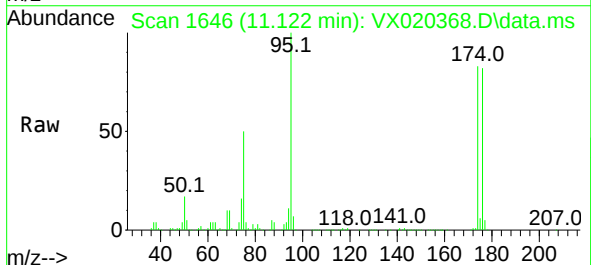


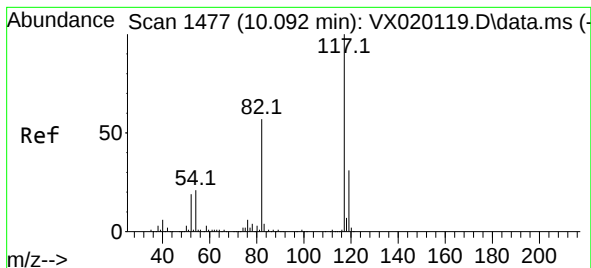
Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
58 201.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.34 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Tgt Ion: 95 Resp: 165515
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 75.3 0.0 155.8

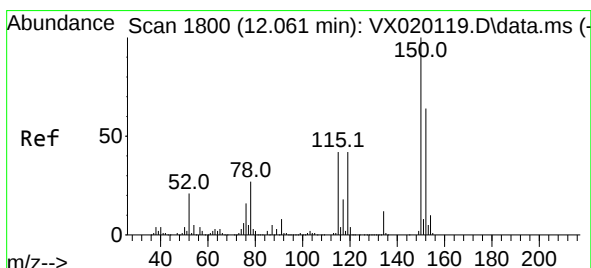
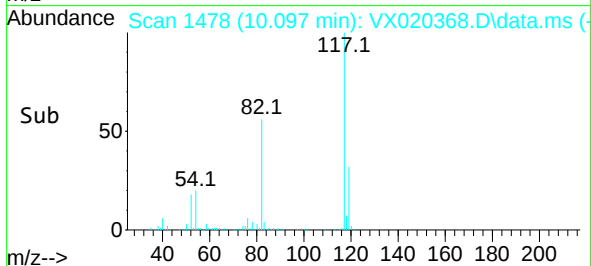
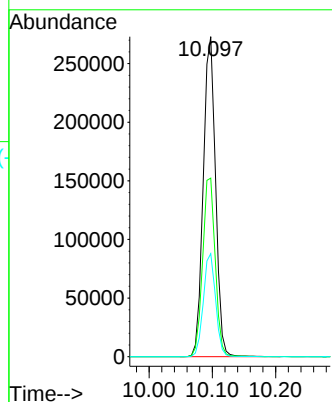
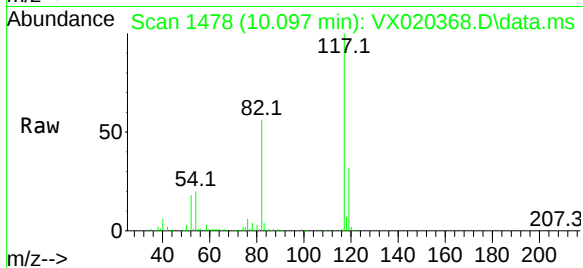




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

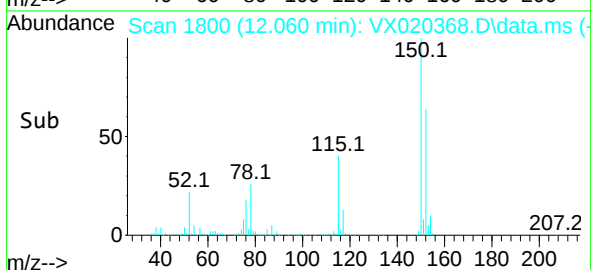
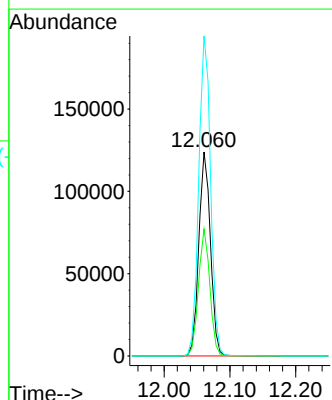
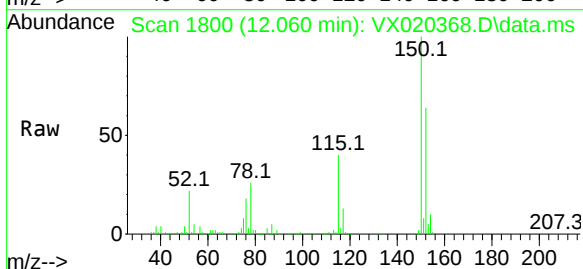
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

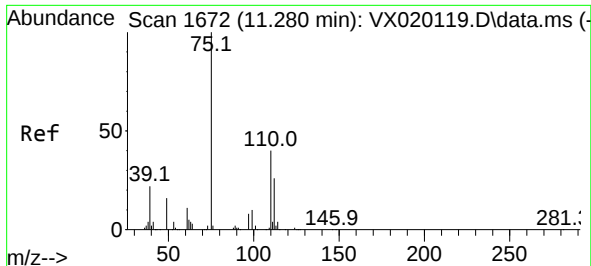
Tgt Ion:117 Resp: 370235
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Tgt Ion:152 Resp: 152423
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 159.3 0.0 349.0

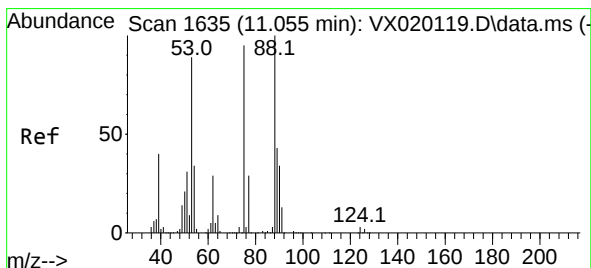
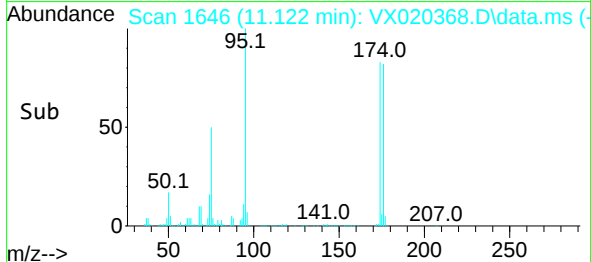
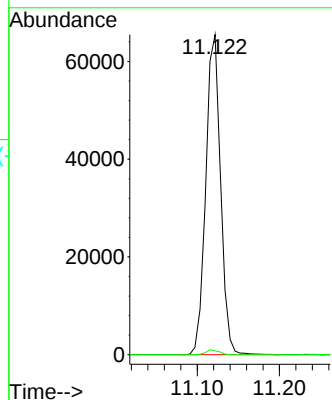
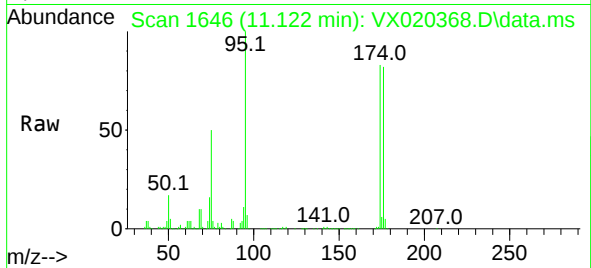




#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

Tgt Ion: 75 Resp: 81811
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020368.D
Acq: 24 Dec 2020 03:34

Tgt Ion: 75 Resp: 81811
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

