

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020213.D
 Acq On : 20 Dec 2020 08:16
 Operator : JC/MD
 Sample : L5094-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW002(SBR)-121320

Quant Time: Dec 21 02:46:36 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)

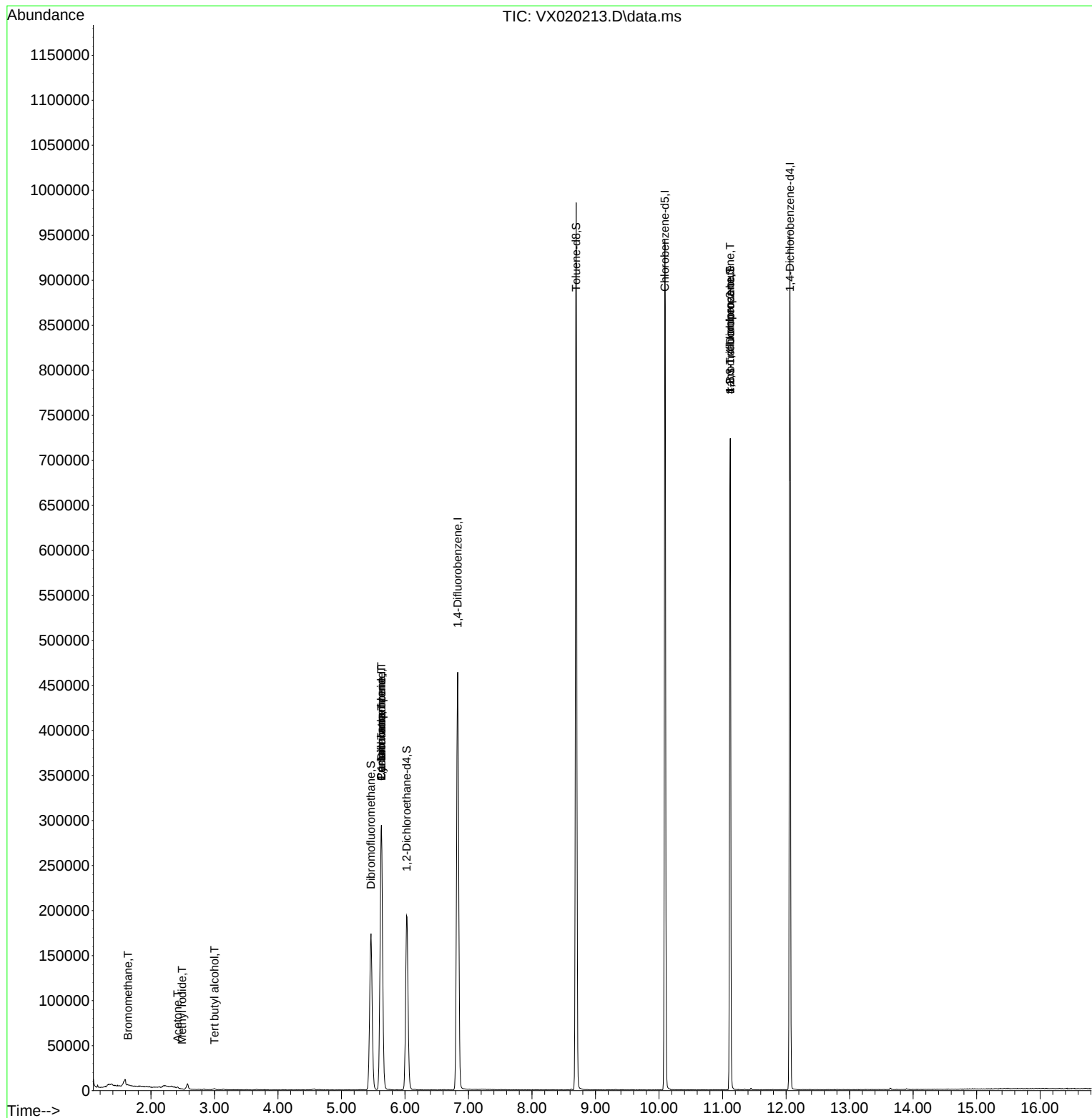
Internal Standards						
1) Pentafluorobenzene	5.629	168	279451	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	468841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	436214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	192228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186252	49.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.44%
35) Dibromofluoromethane	5.464	113	148604	49.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.10%
50) Toluene-d8	8.696	98	572902	49.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.24%
62) 4-Bromofluorobenzene	11.122	95	201264	45.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.10%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	589	0.48	ug/l	88
10) Methyl Iodide	2.489	142	157	3.32	ug/l #	57
11) Tert butyl alcohol	3.001	59	1003	1.20	ug/l #	80
16) Acetone	2.416	43	2269	1.33	ug/l	93
31) Cyclohexane	5.629	56	5702	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21917	4.73	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27613	6.27	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	98365	20.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	98365	61.63	ug/l #	12

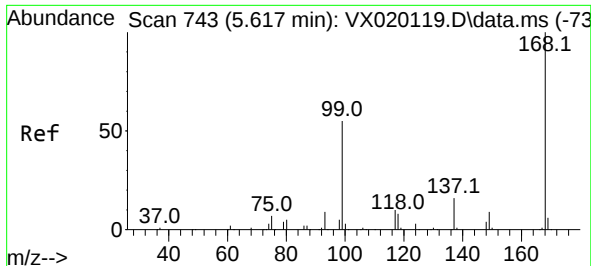
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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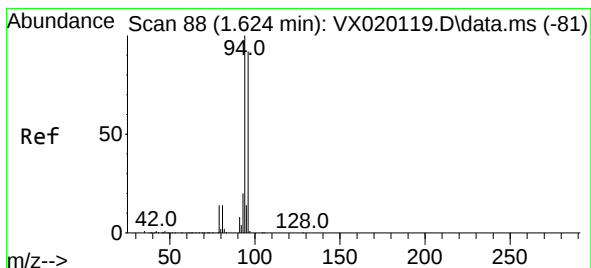
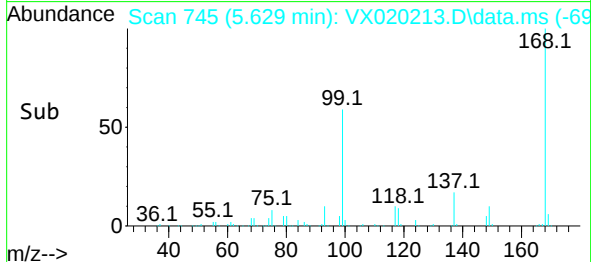
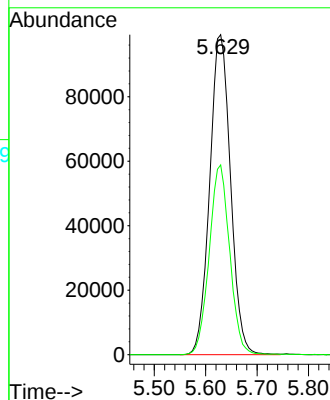
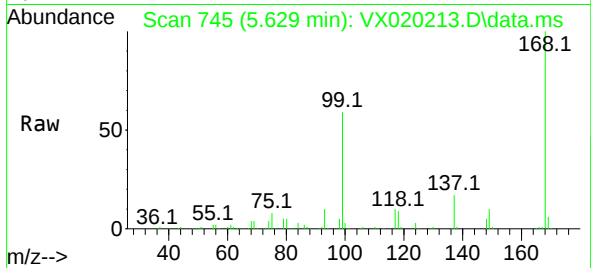




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

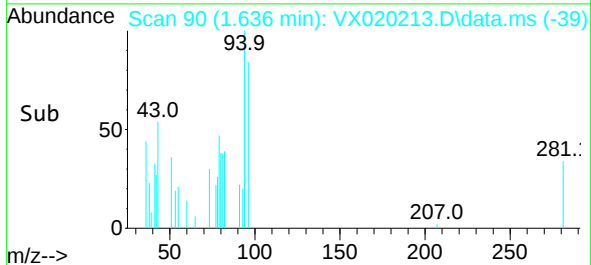
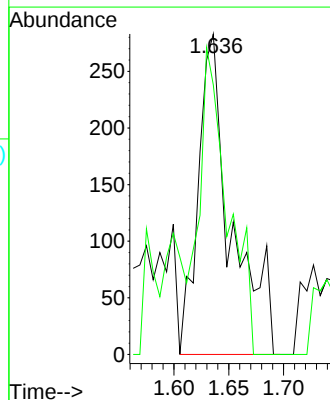
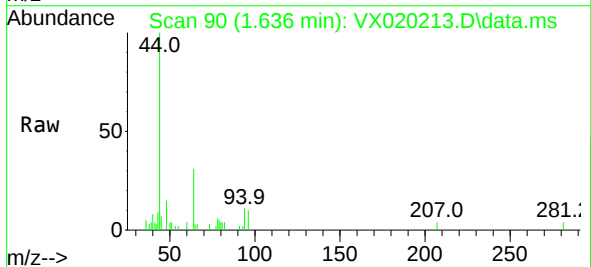
Instrument :
MSVOA_X
ClientSampleId :
49-MW002(SBR)-121320

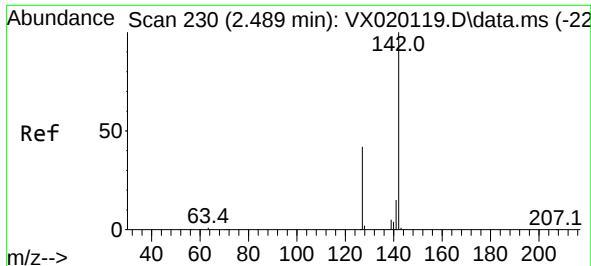
Tgt Ion:168 Resp: 279451
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Tgt Ion: 94 Resp: 589
Ion Ratio Lower Upper
94 100
96 84.1 76.4 114.6

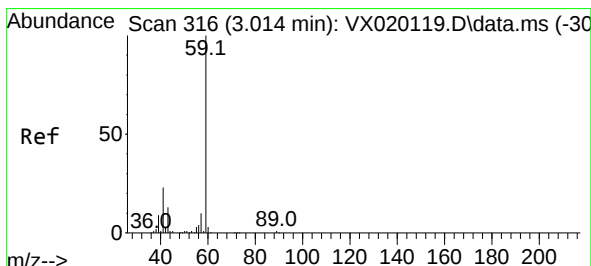
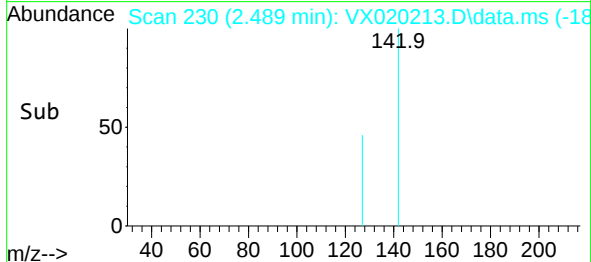
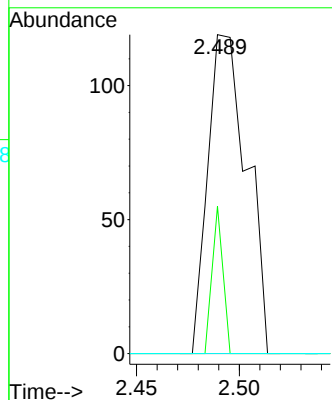
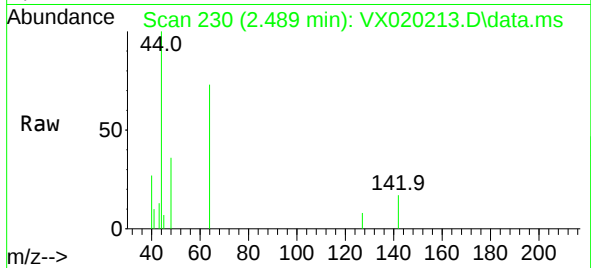




#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

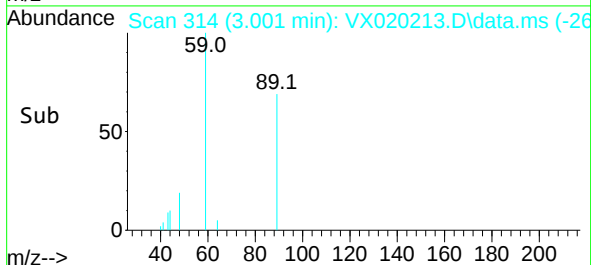
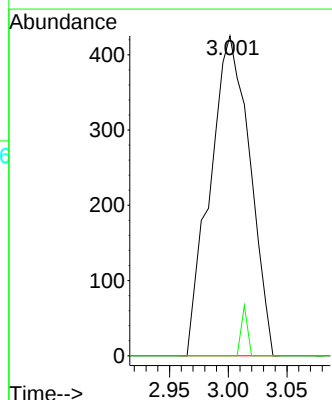
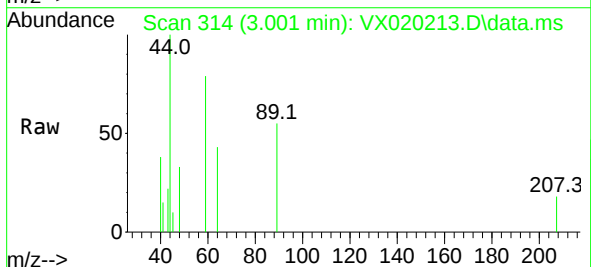
Instrument :
MSVOA_X
ClientSampleId :
49-MW002(SBR)-121320

Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
127 12.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.20 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Tgt Ion: 59 Resp: 1003
Ion Ratio Lower Upper
59 100
57 2.5 7.8 11.8#

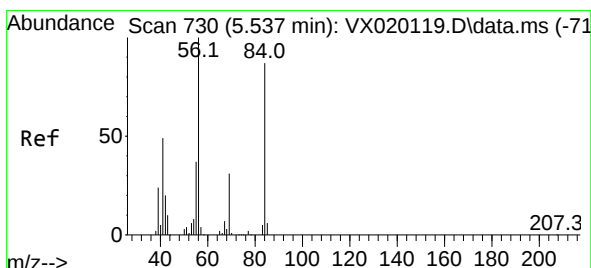
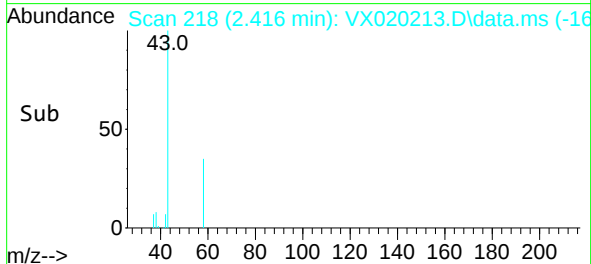
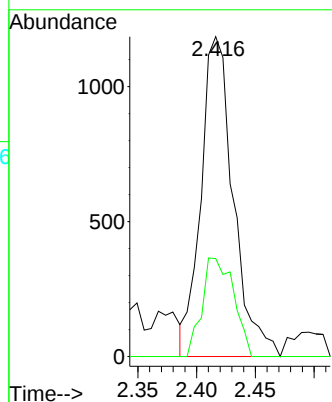
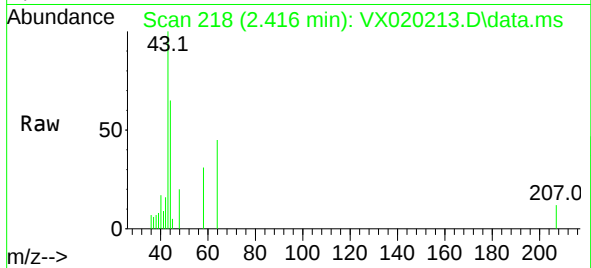




#16
Acetone
Concen: 1.33 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

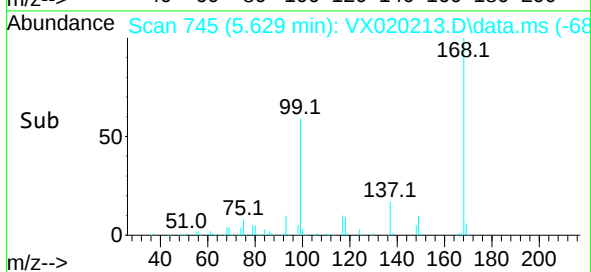
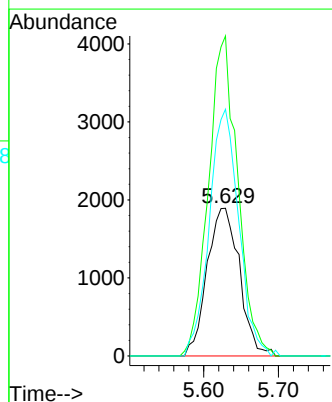
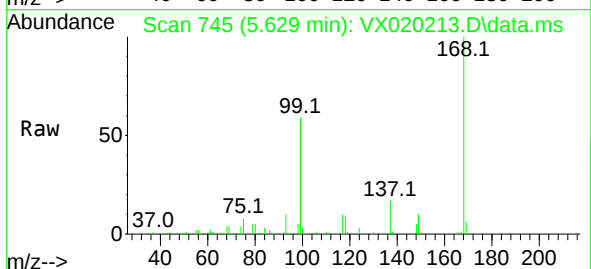
Instrument :
MSVOA_X
ClientSampleId :
49-MW002(SBR)-121320

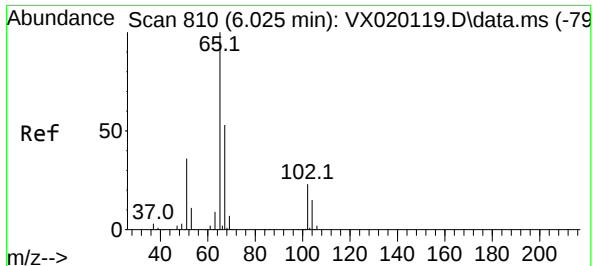
Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Tgt Ion: 56 Resp: 5702
Ion Ratio Lower Upper
56 100
69 216.7 25.3 37.9#
84 167.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.72 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020213.D

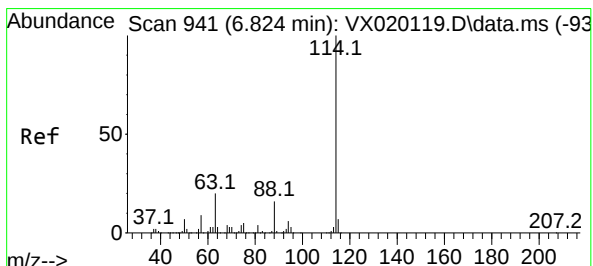
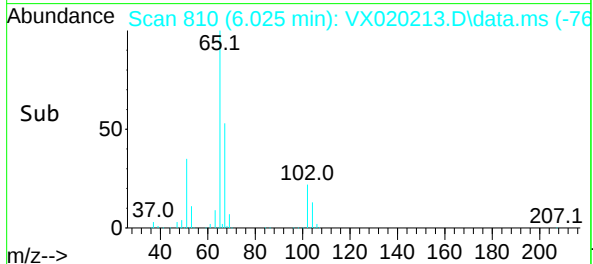
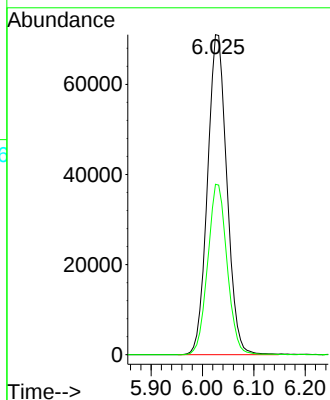
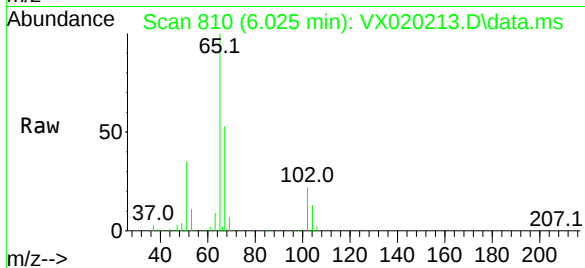
Acq: 20 Dec 2020 08:16

Tgt Ion: 65 Resp: 186252

Ion Ratio Lower Upper

65 100

67 53.4 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: VX020213.D

Acq: 20 Dec 2020 08:16

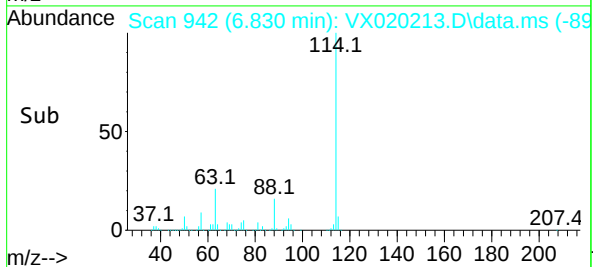
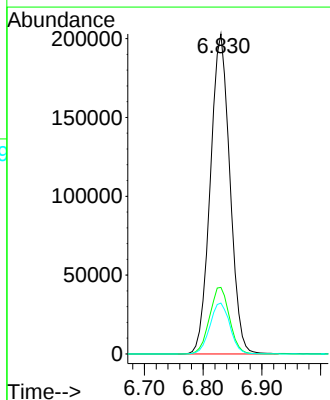
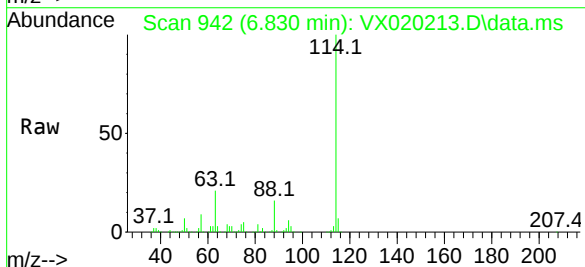
Tgt Ion: 114 Resp: 468841

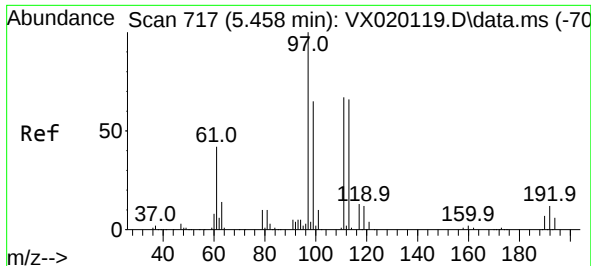
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.9 0.0 32.8

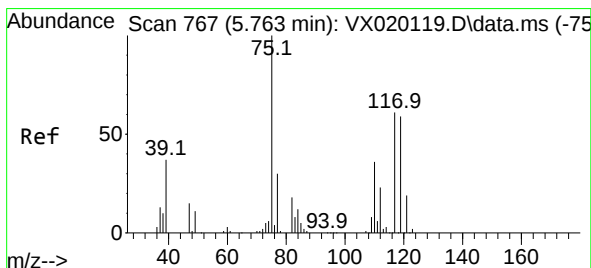
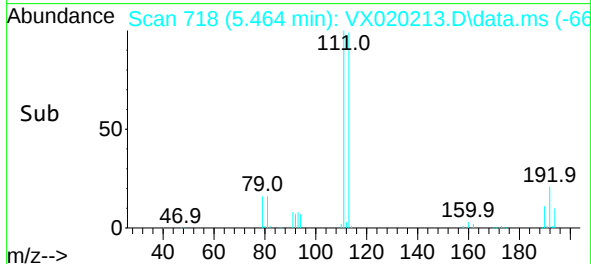
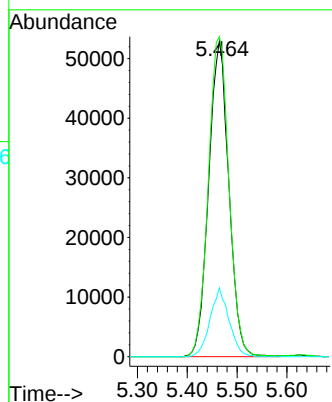
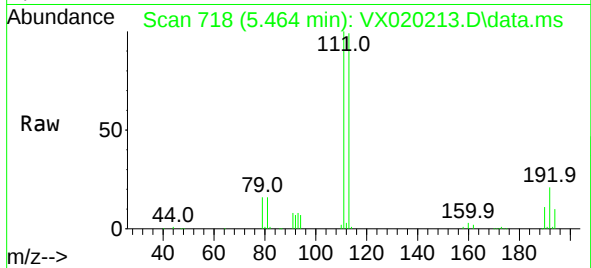




#35
Dibromofluoromethane
Concen: 49.55 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

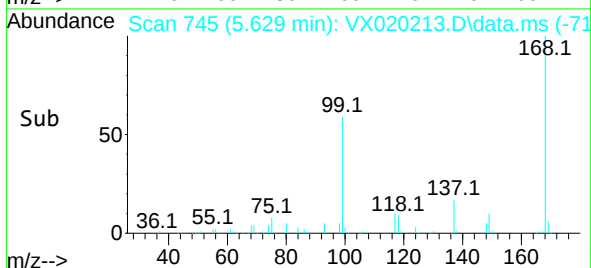
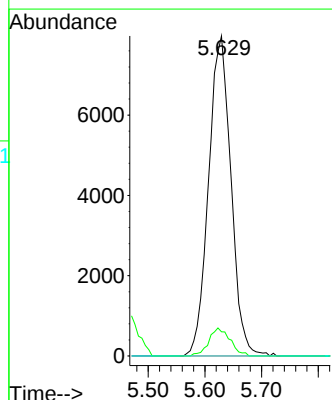
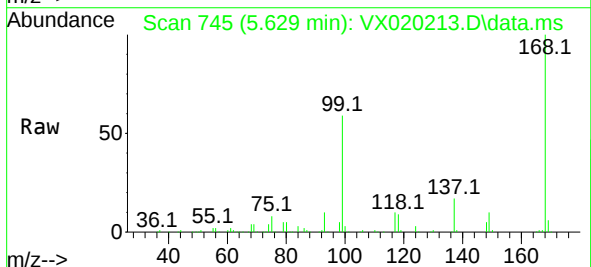
Instrument :
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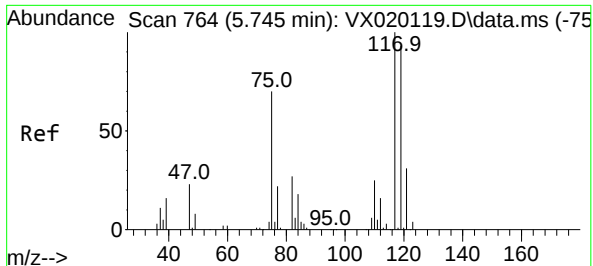
Tgt Ion:113 Resp: 148604
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

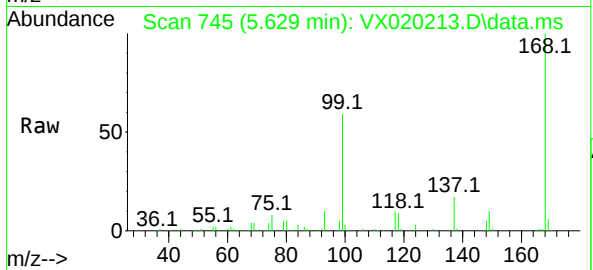
Tgt Ion: 75 Resp: 21917
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



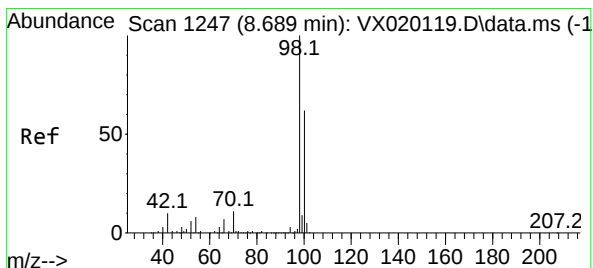
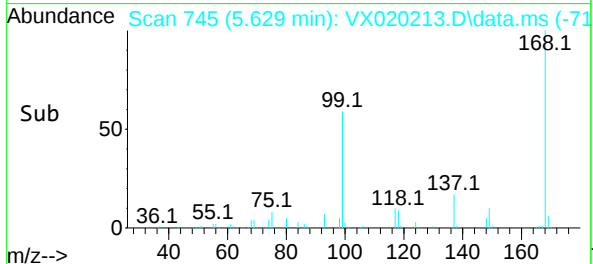
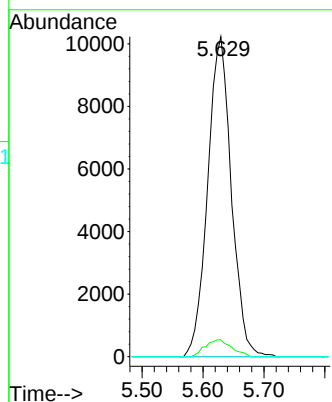


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Instrument :
MSVOA_X
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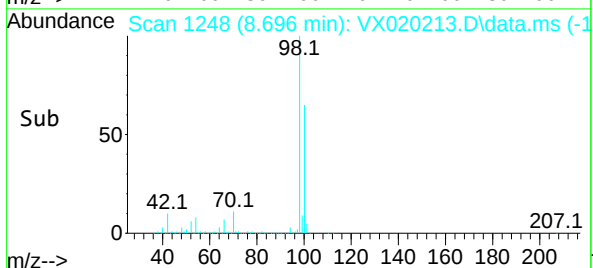
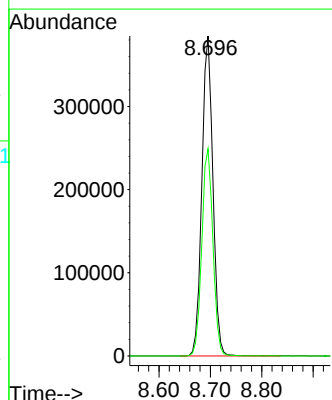
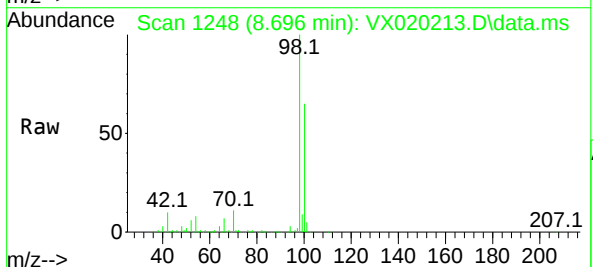


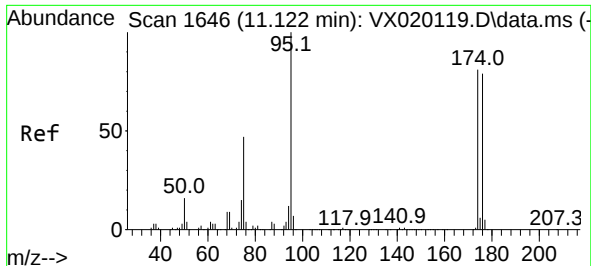
Tgt Ion:117 Resp: 27613
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Tgt Ion: 98 Resp: 572902
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

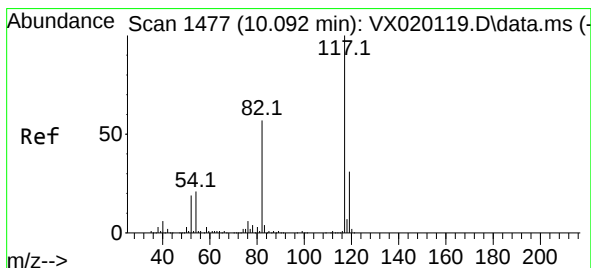
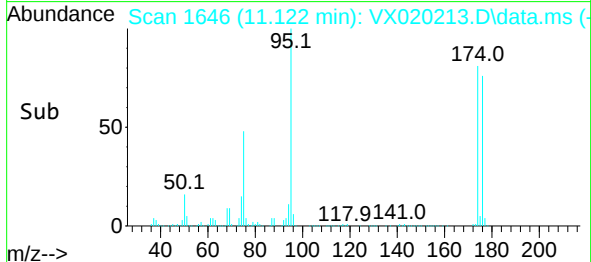
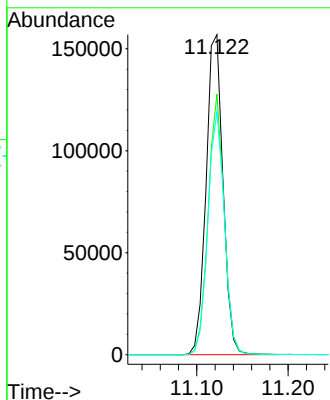
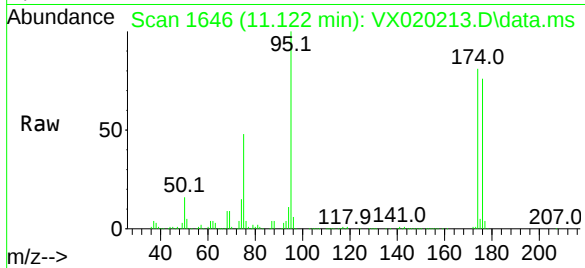




#62
4-Bromofluorobenzene
Concen: 45.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

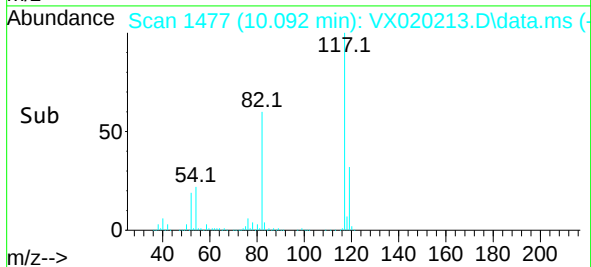
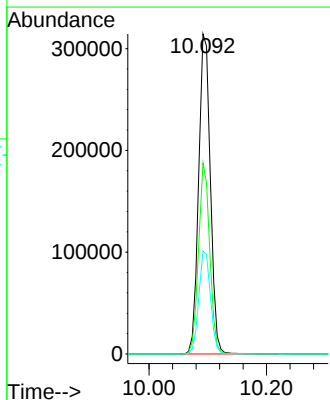
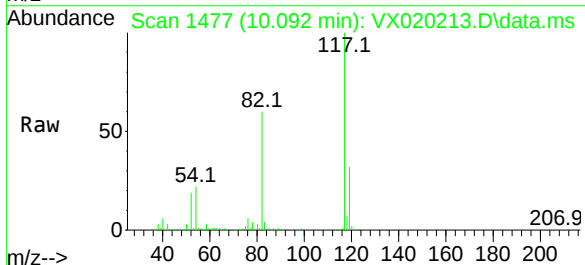
Instrument :
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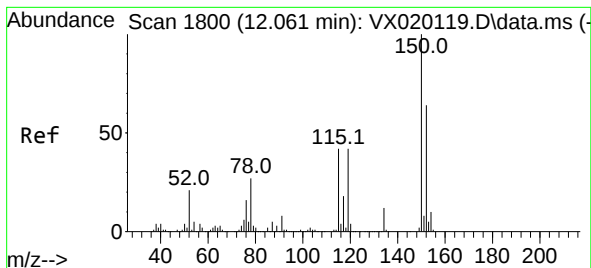
Tgt Ion: 95 Resp: 201264
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 74.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

Tgt Ion: 117 Resp: 436214
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.1 26.6 39.8

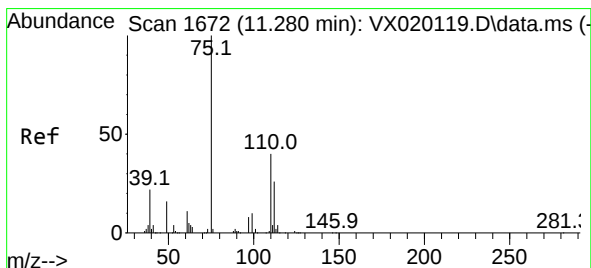
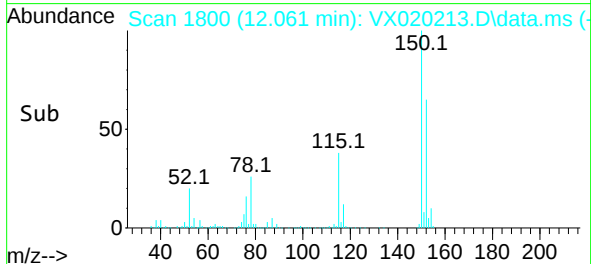
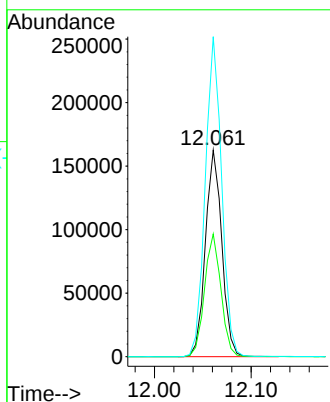
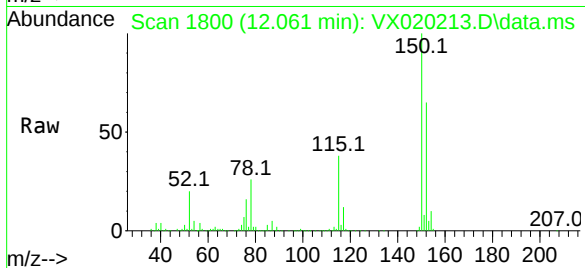




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

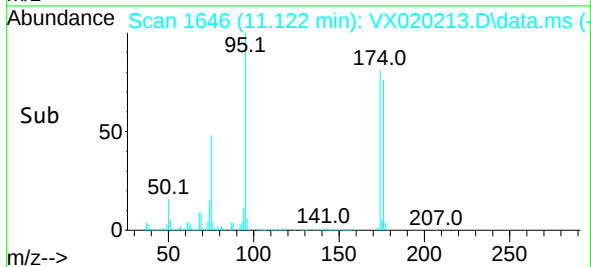
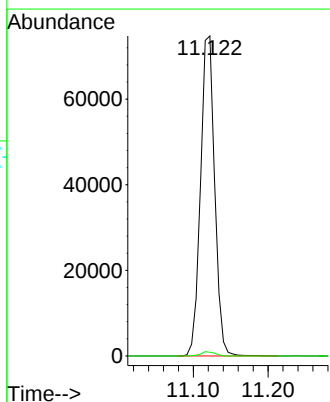
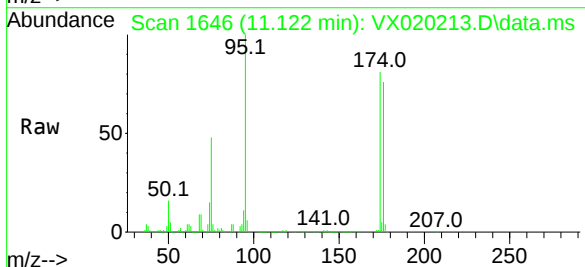
Instrument :
MSVOA_X
ClientSampleId :
49-MW002(SBR)-121320

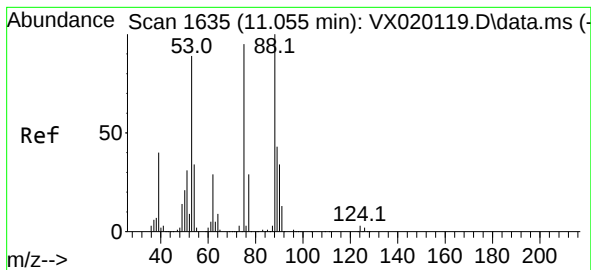
Tgt Ion:152 Resp: 192228
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 154.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020213.D
Acq: 20 Dec 2020 08:16

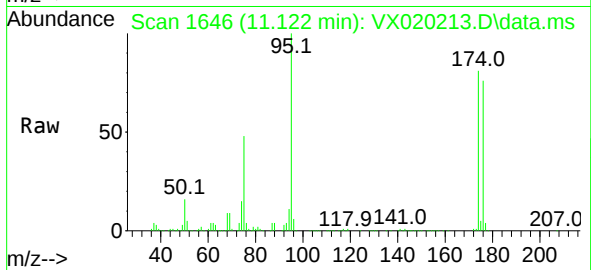
Tgt Ion: 75 Resp: 98365
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.63 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020213.D
 Acq: 20 Dec 2020 08:16

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW002(SBR)-121320



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

