

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020431.D
 Acq On : 29 Dec 2020 13:59
 Operator : JC/MD
 Sample : L5236-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1017-MW-03A(17)DL

Quant Time: Dec 30 02:36:36 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)

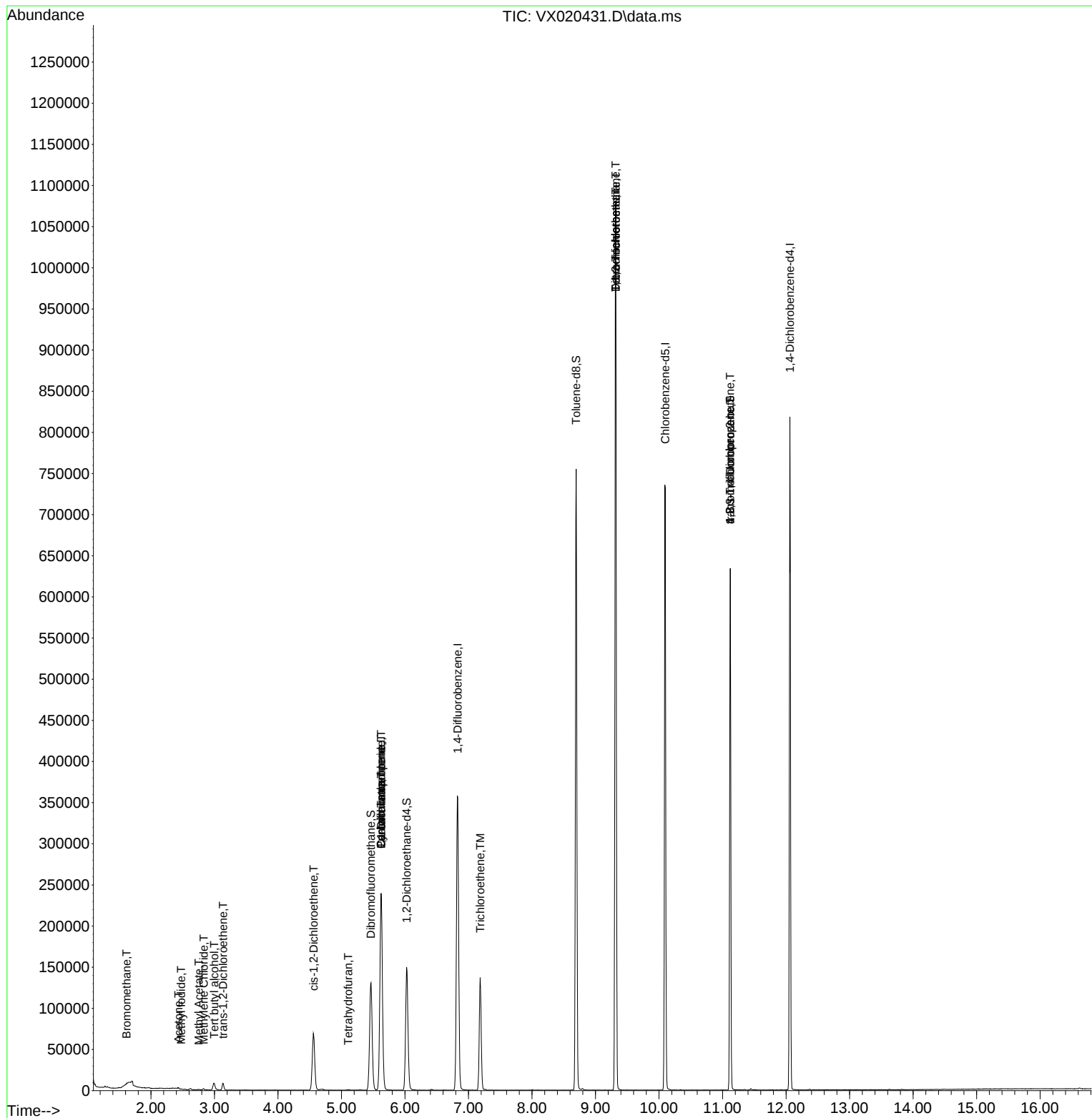
Internal Standards						
1) Pentafluorobenzene	5.623	168	235838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	377441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	356816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	139171	44.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.04%		
35) Dibromofluoromethane	5.464	113	116418	48.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.44%		
50) Toluene-d8	8.696	98	460178	49.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.02%		
62) 4-Bromofluorobenzene	11.122	95	176509	49.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.24%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	494	0.48	ug/l	81
10) Methyl Iodide	2.477	142	632	3.47	ug/l #	84
11) Tert butyl alcohol	2.995	59	5744	8.11	ug/l #	73
16) Acetone	2.434	43	1855	1.29	ug/l #	82
18) Methyl Acetate	2.751	43	675	0.21	ug/l #	63
20) Methylene Chloride	2.831	84	683	0.21	ug/l	96
21) trans-1,2-Dichloroethene	3.136	96	3558	1.22	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	46075	13.97	ug/l	90
29) Tetrahydrofuran	5.105	42	340	0.26	ug/l #	68
31) Cyclohexane	5.623	56	4073	0.93	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16677	4.47	ug/l #	48
38) Carbon Tetrachloride	5.623	117	21869	6.16	ug/l #	17
44) Trichloroethene	7.184	130	54310	18.09	ug/l	98
55) 1,1,2-Trichloroethane	9.317	97	1745	0.60	ug/l #	1
60) Dibromochloromethane	9.317	129	205491	70.86	ug/l #	11
64) Tetrachloroethene	9.317	164	219869	81.78	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	81666	19.66	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	81666	58.33	ug/l #	12

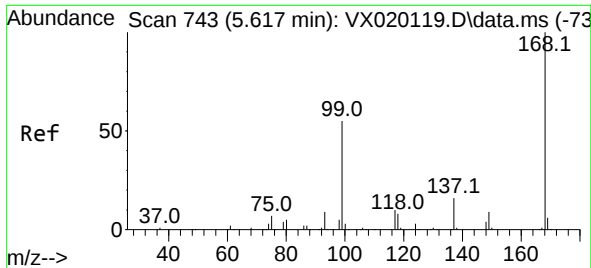
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

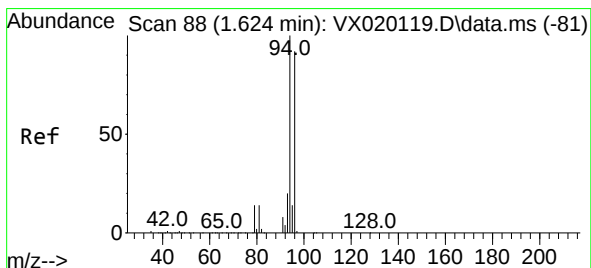
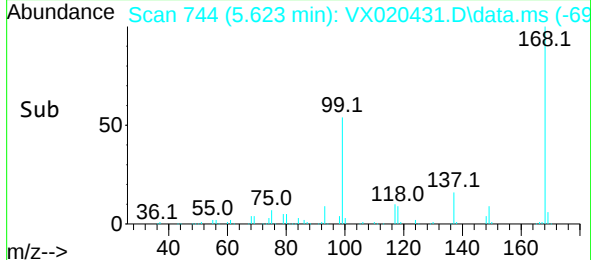
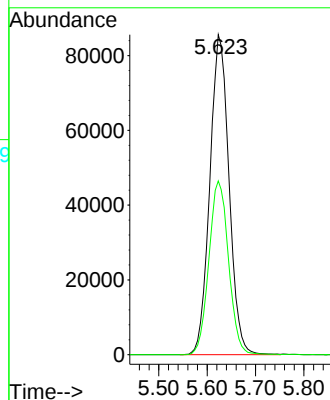
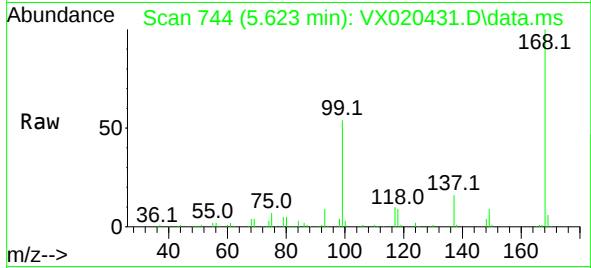




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

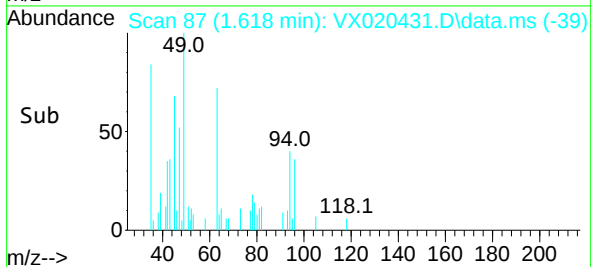
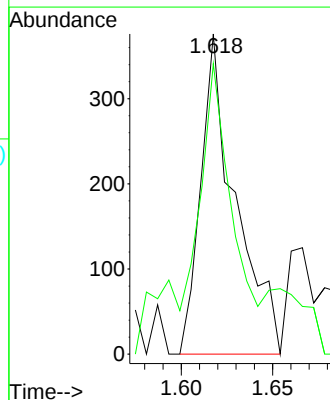
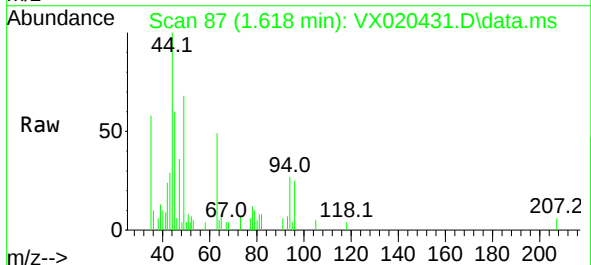
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

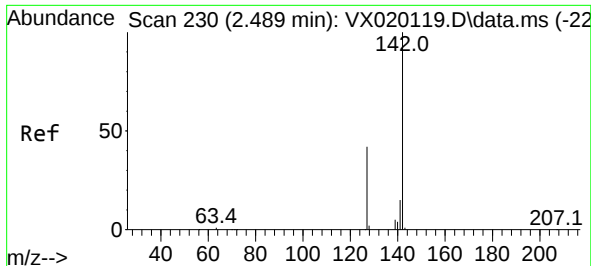
Tgt Ion:168 Resp: 235838
Ion Ratio Lower Upper
168 100
99 54.3 45.8 68.6



#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

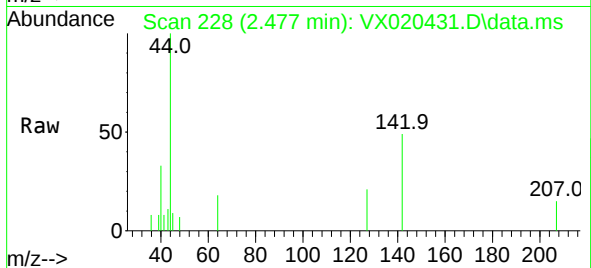
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 77.1 76.4 114.6



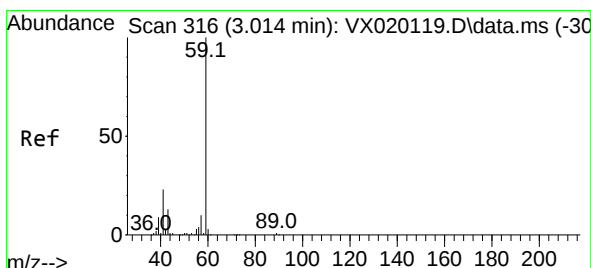
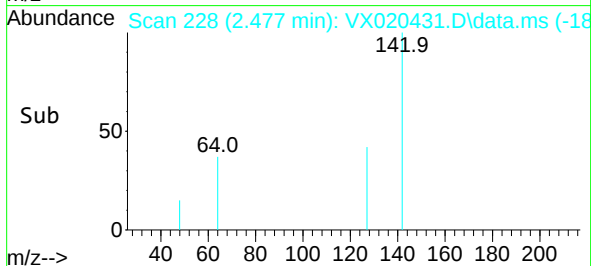
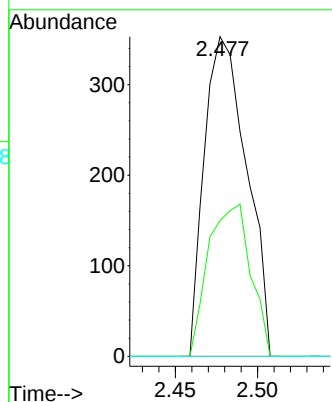


#10
Methyl Iodide
Concen: 3.47 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.012 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

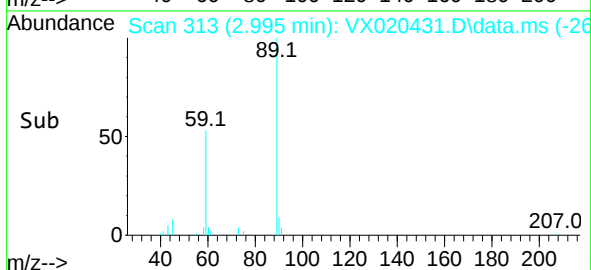
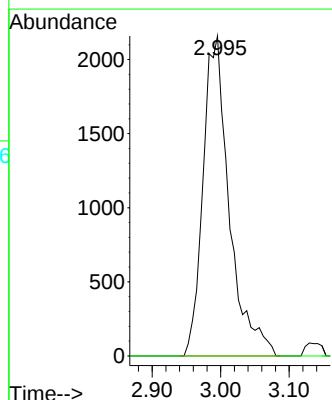
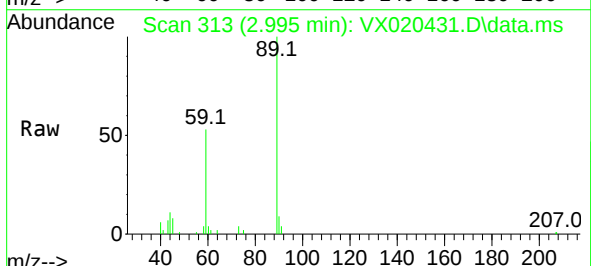


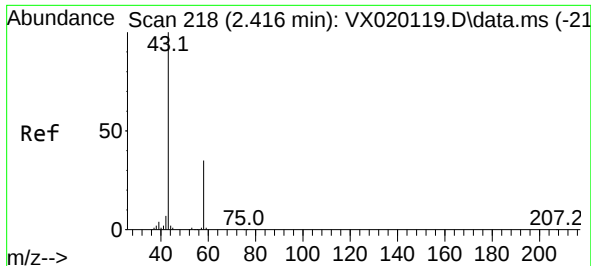
Tgt Ion:142 Resp: 632
Ion Ratio Lower Upper
142 100
127 47.5 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 8.11 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

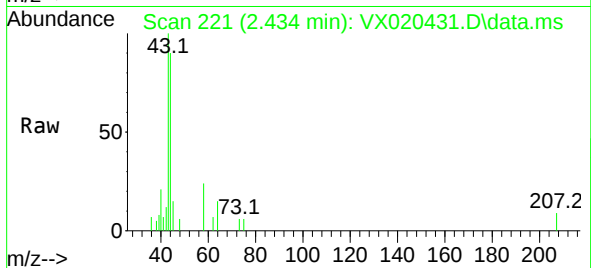
Tgt Ion: 59 Resp: 5744
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



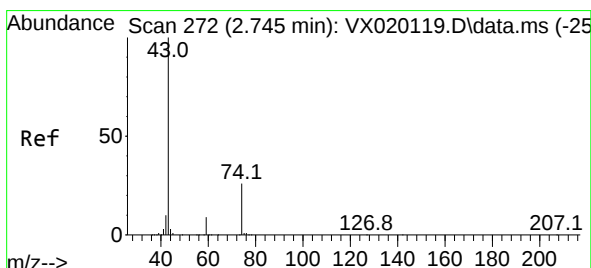
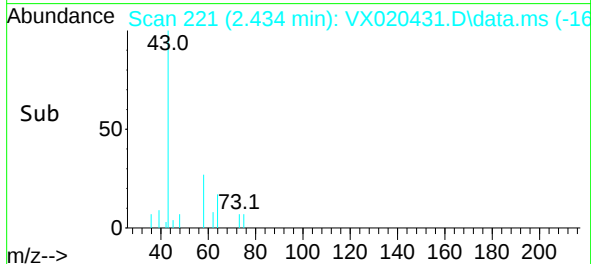
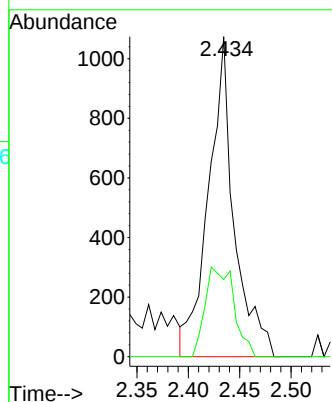


#16
Acetone
Concen: 1.29 ug/l
RT: 2.434 min Scan# 221
Delta R.T. 0.018 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

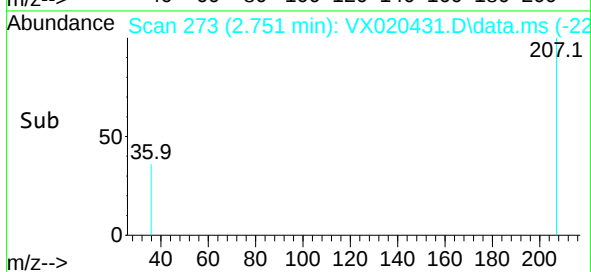
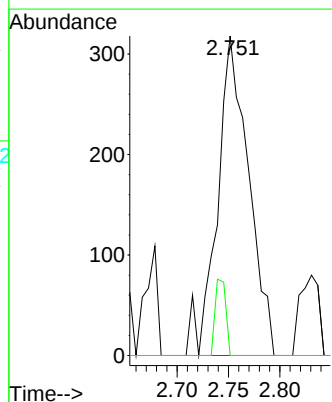
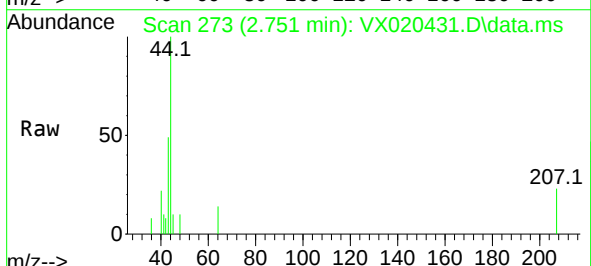


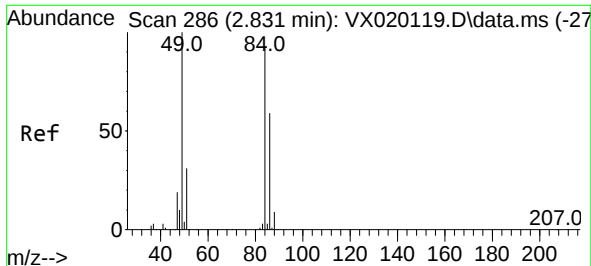
Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
74 8.1 21.9 32.9#





#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020431.D

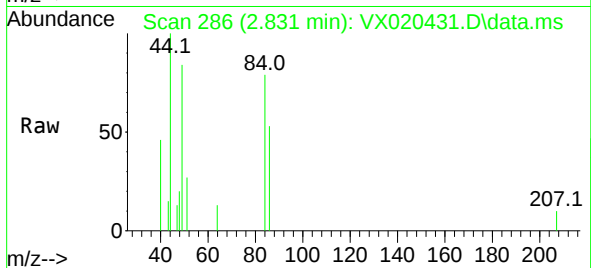
Acq: 29 Dec 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

1017-MW-03A(17)DL



Tgt Ion: 84 Resp: 683

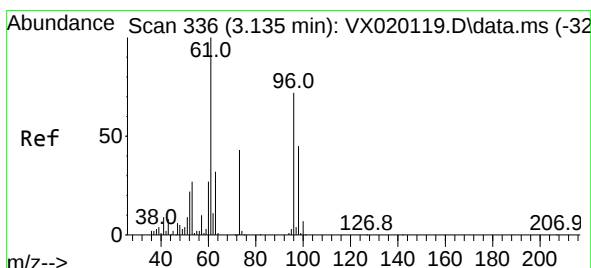
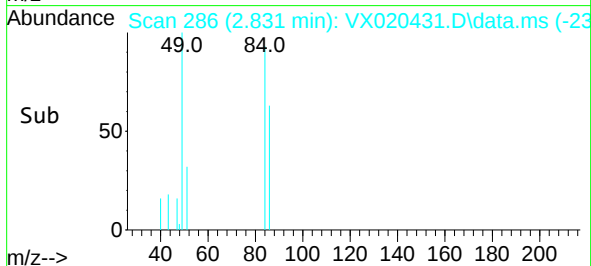
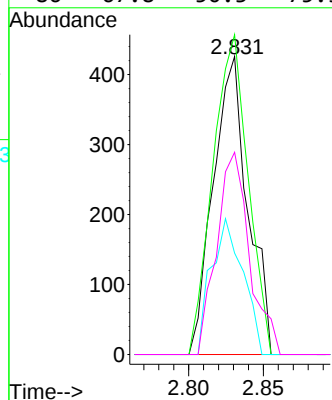
Ion Ratio Lower Upper

84 100

49 107.3 88.6 132.8

51 34.0 27.0 40.6

86 67.8 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 1.22 ug/l

RT: 3.136 min Scan# 336

Delta R.T. 0.001 min

Lab File: VX020431.D

Acq: 29 Dec 2020 13:59

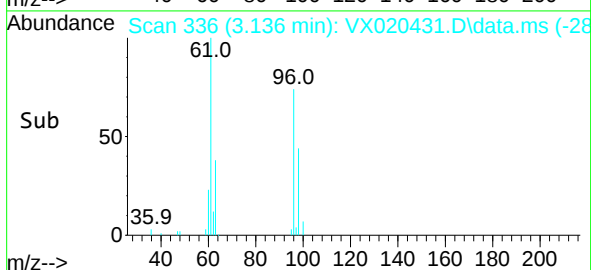
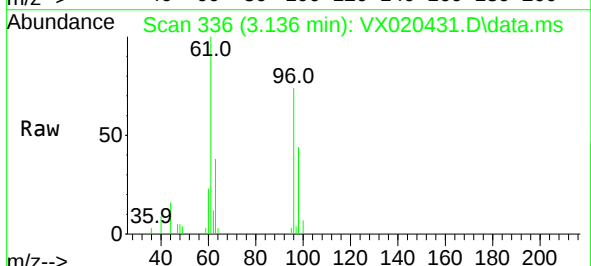
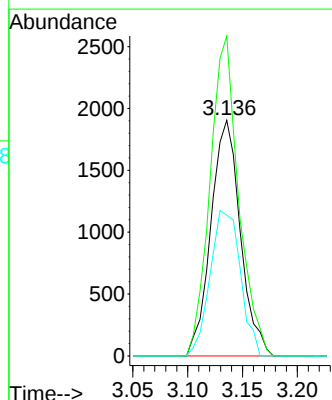
Tgt Ion: 96 Resp: 3558

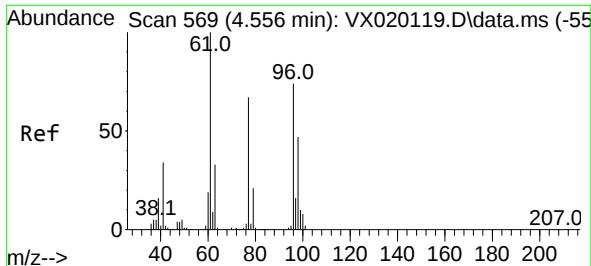
Ion Ratio Lower Upper

96 100

61 135.8 107.7 161.5

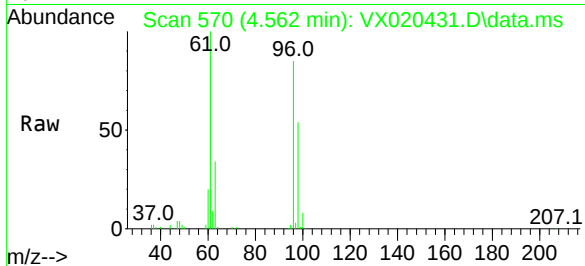
98 59.8 50.4 75.6



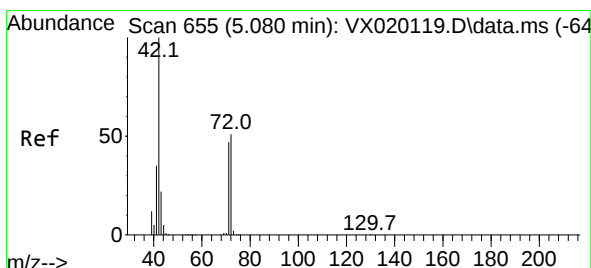
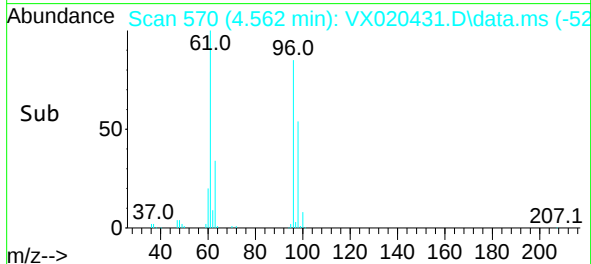
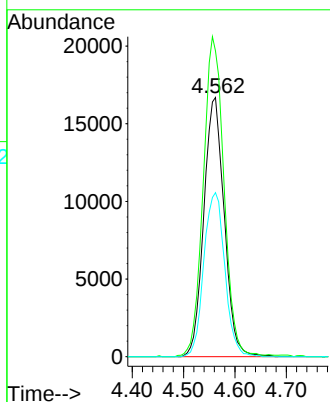


#27
 cis-1,2-Dichloroethene
 Concen: 13.97 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020431.D
 Acq: 29 Dec 2020 13:59

Instrument :
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 ClientSampleId :
 1017-MW-03A(17)DL

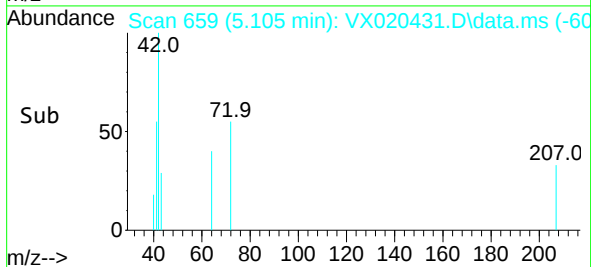
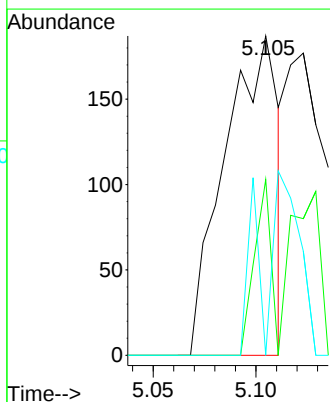
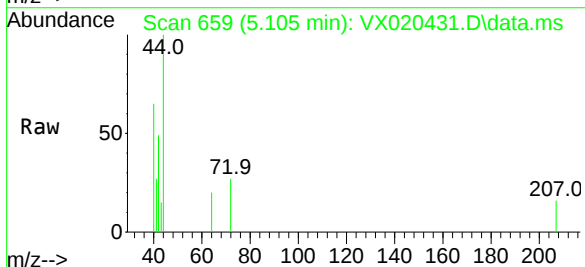


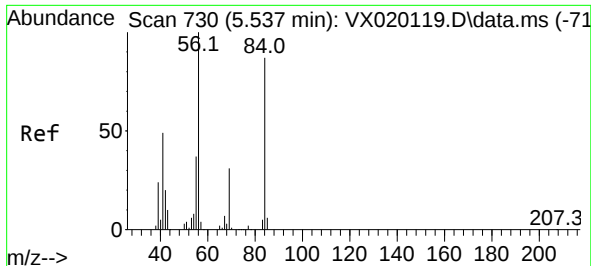
Tgt Ion: 96 Resp: 46075
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 285.6
 98 65.0 0.0 129.6



#29
 Tetrahydrofuran
 Concen: 0.26 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.025 min
 Lab File: VX020431.D
 Acq: 29 Dec 2020 13:59

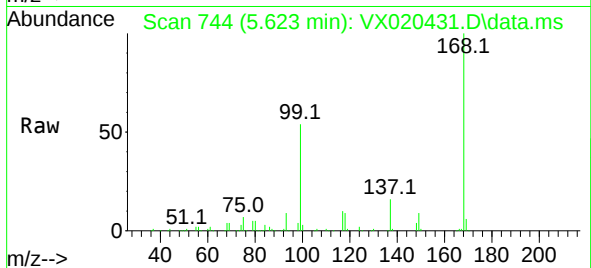
Tgt Ion: 42 Resp: 340
 Ion Ratio Lower Upper
 42 100
 72 16.8 41.7 62.5#
 71 39.4 38.4 57.6



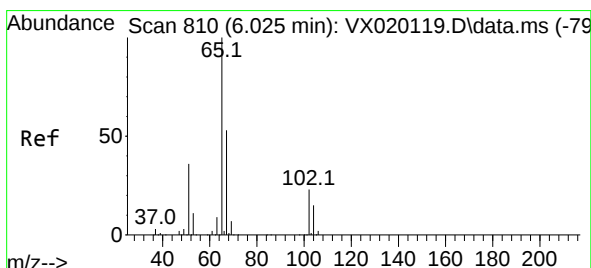
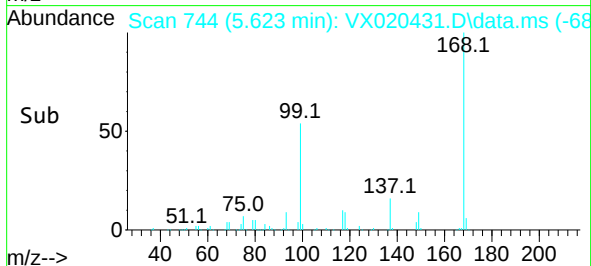
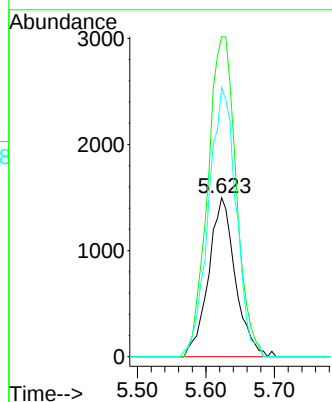


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
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ClientSampleId :
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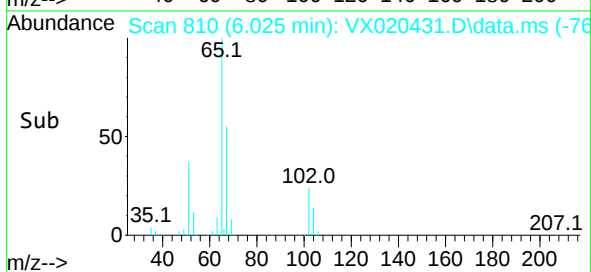
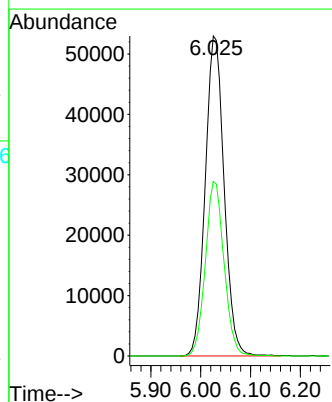
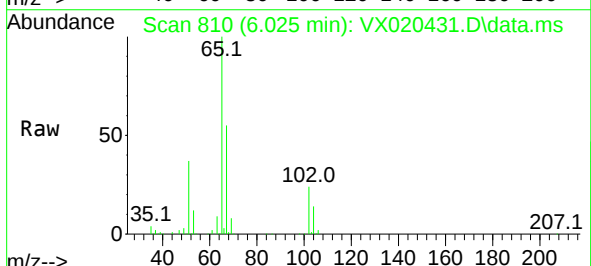


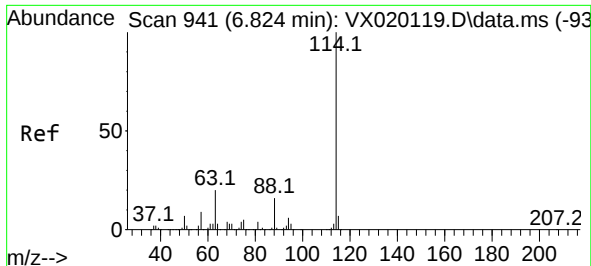
Tgt Ion: 56 Resp: 4073
Ion Ratio Lower Upper
56 100
69 201.5 25.3 37.9#
84 169.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 44.02 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

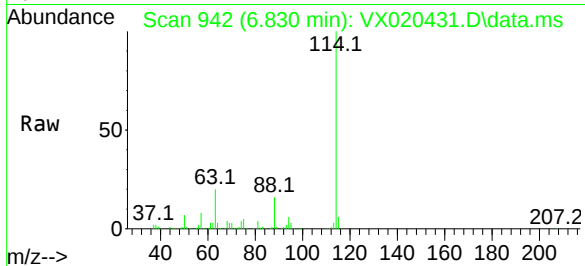
Tgt Ion: 65 Resp: 139171
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4



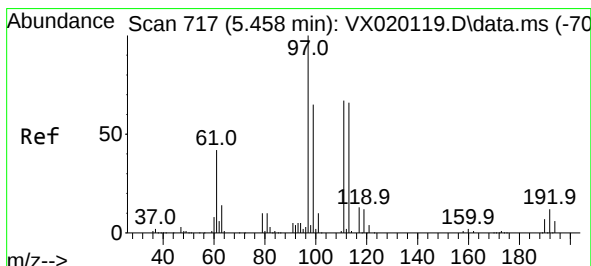
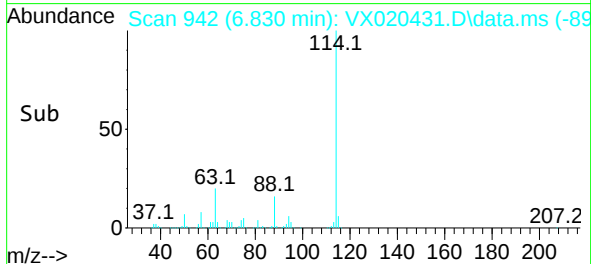
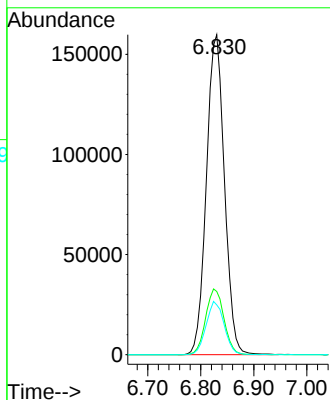


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
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1017-MW-03A(17)DL

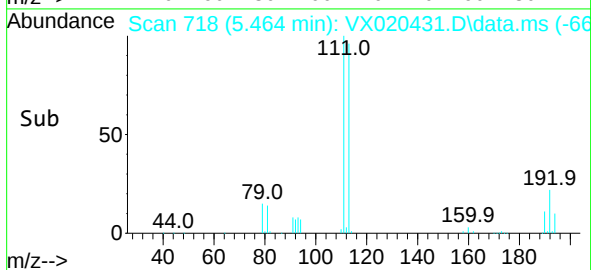
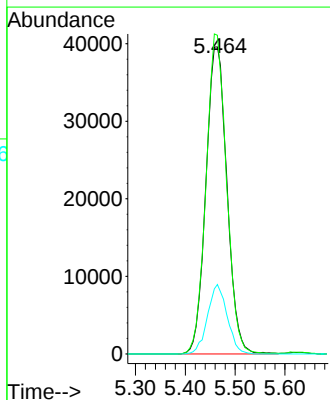
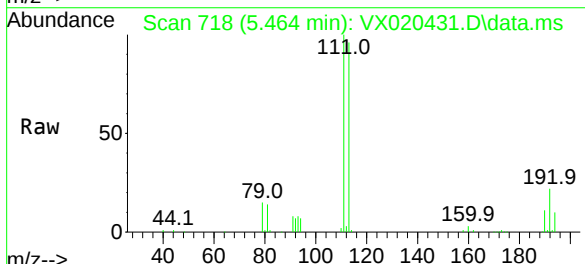


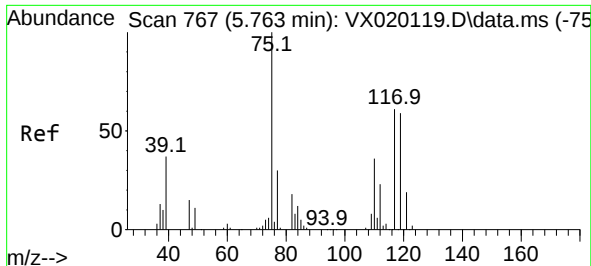
Tgt Ion:114 Resp: 377441
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.22 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion:113 Resp: 116418
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 21.1 16.7 25.1

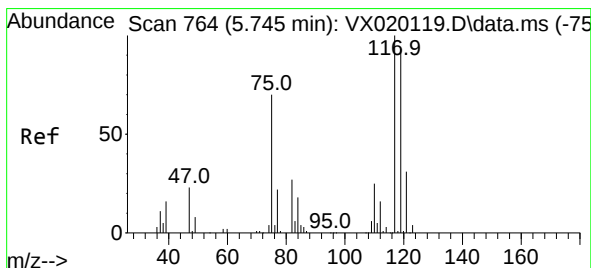
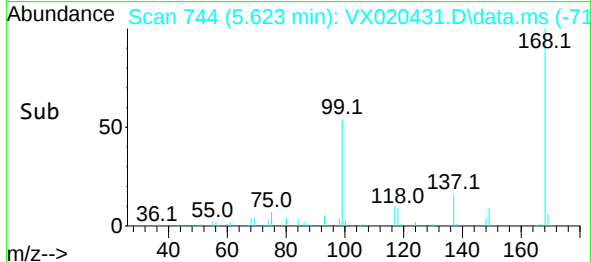
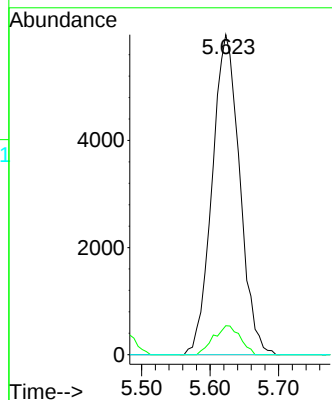
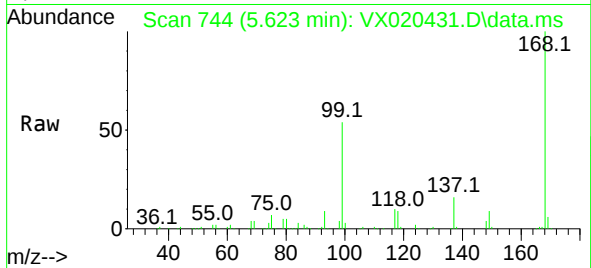




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

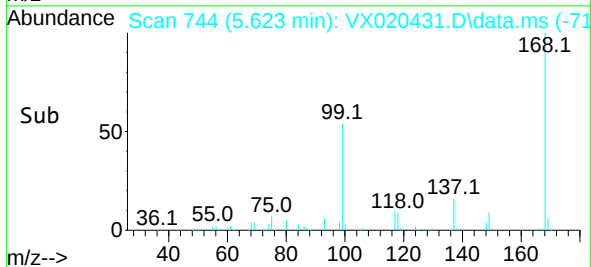
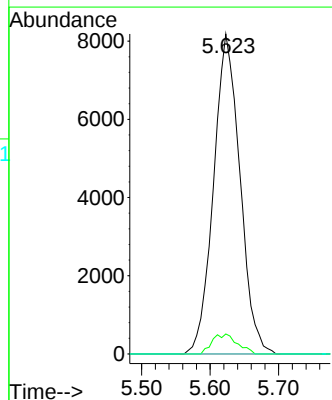
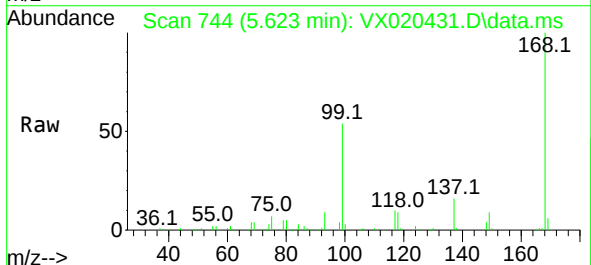
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

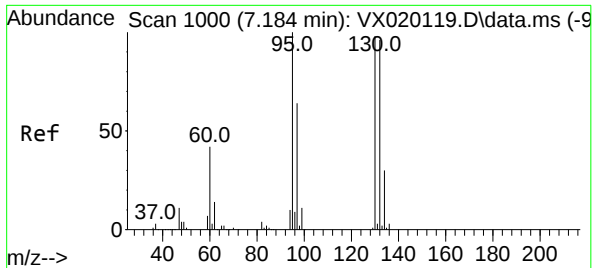
Tgt Ion: 75 Resp: 16677
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion: 117 Resp: 21869
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

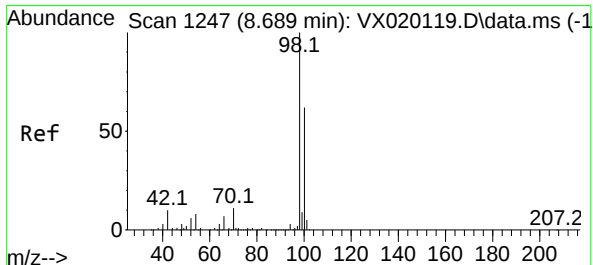
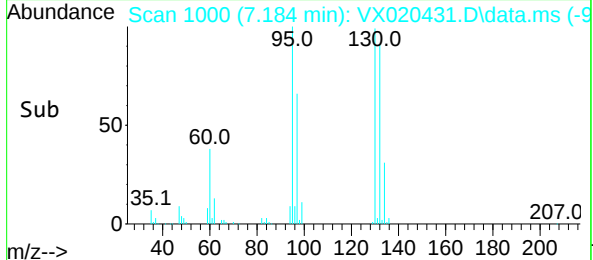
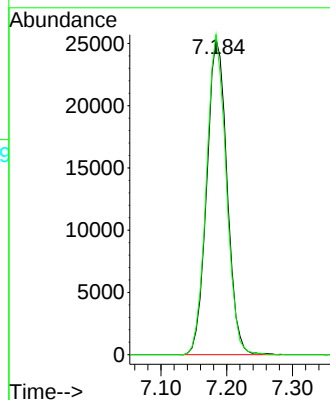
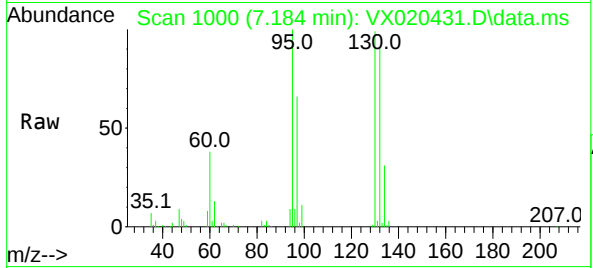




#44
Trichloroethene
Concen: 18.09 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

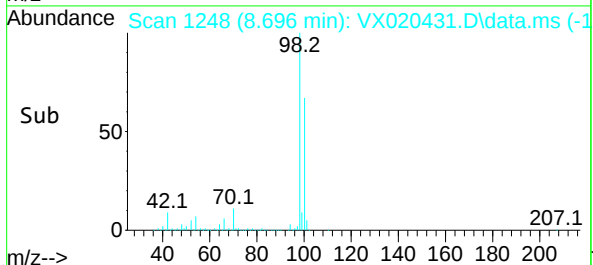
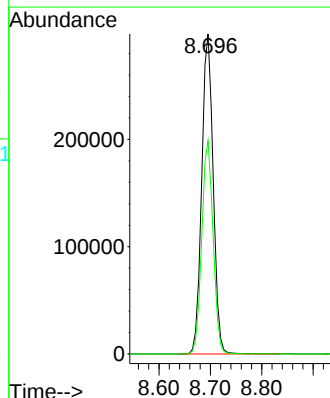
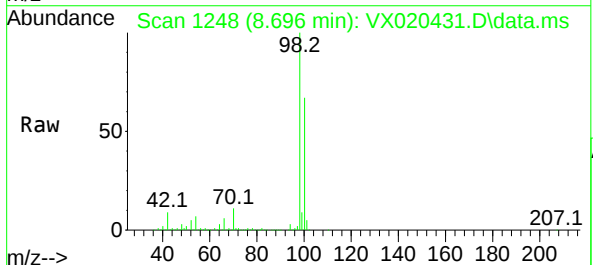
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

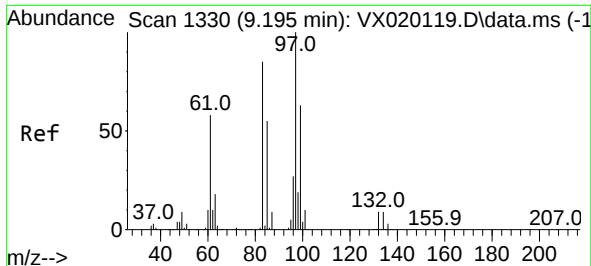
Tgt Ion:130 Resp: 54310
Ion Ratio Lower Upper
130 100
95 101.3 0.0 198.0



#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

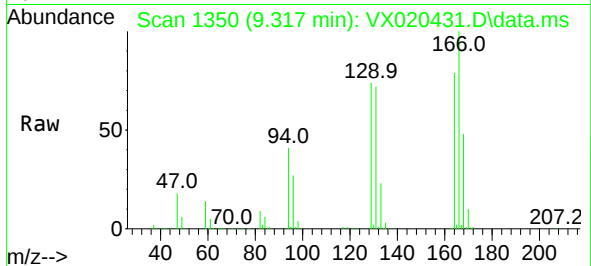
Tgt Ion: 98 Resp: 460178
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



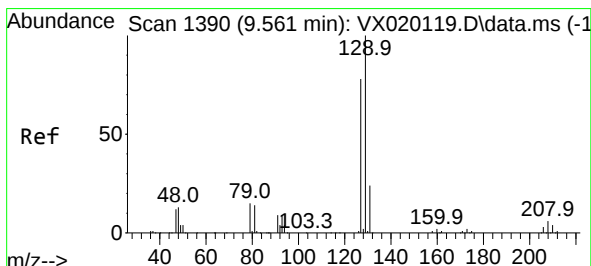
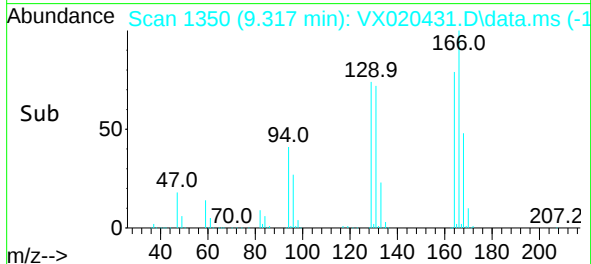
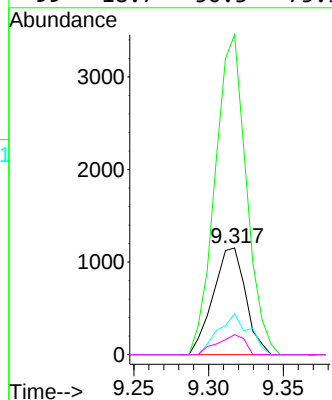


#55
1,1,2-Trichloroethane
Concen: 0.60 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.122 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

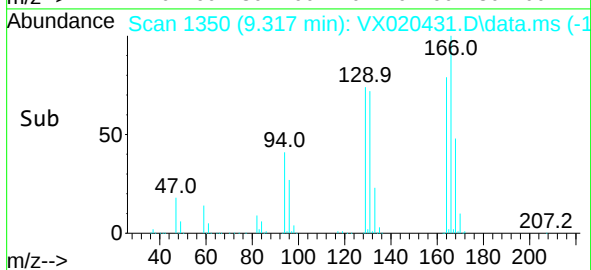
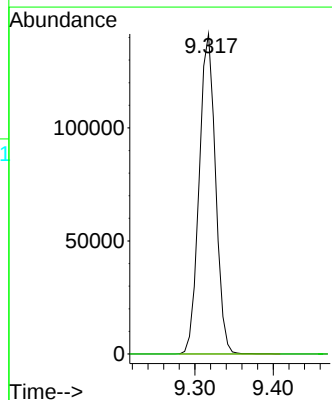
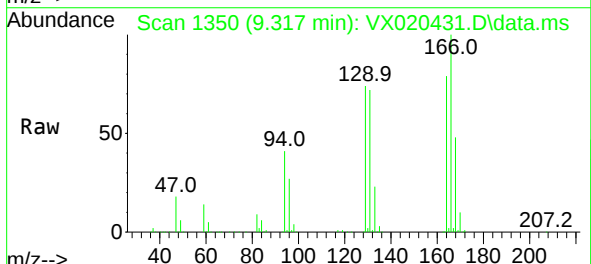


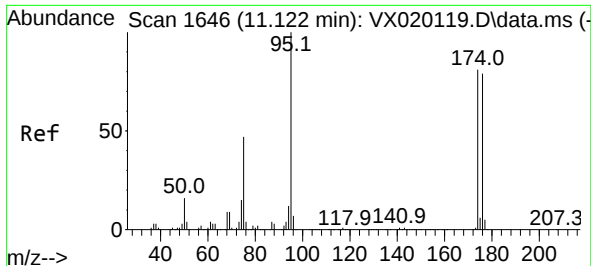
Tgt Ion	Ratio	Lower	Upper
97	100		
83	299.7	69.3	103.9#
85	38.3	44.3	66.5#
99	18.7	50.3	75.5#



#60
Dibromochloromethane
Concen: 70.86 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

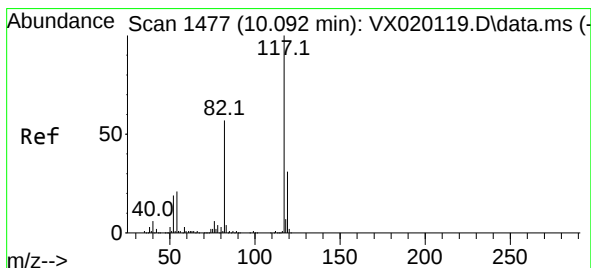
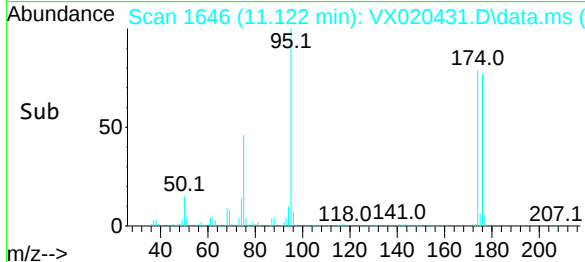
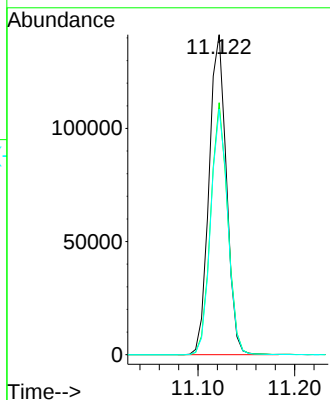
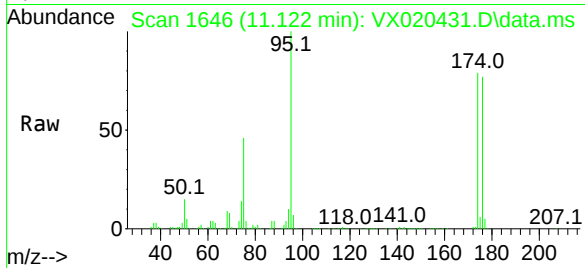




#62
4-Bromofluorobenzene
Concen: 49.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

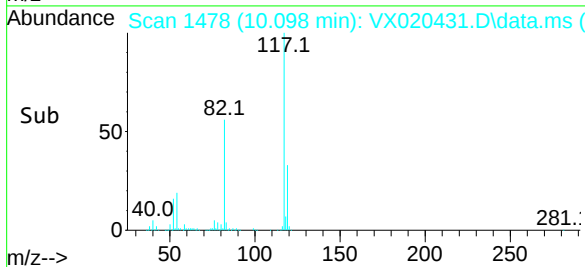
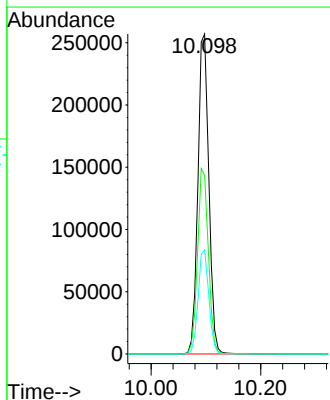
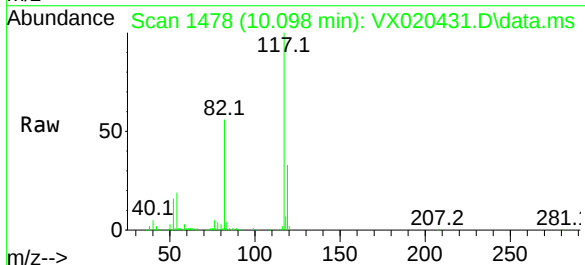
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

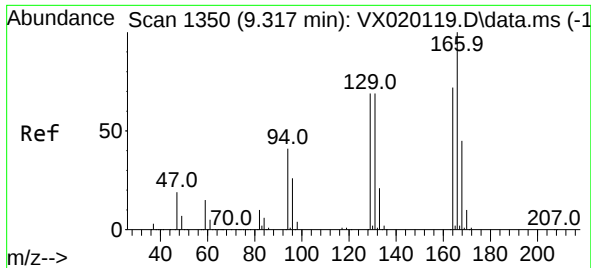
Tgt Ion: 95 Resp: 176509
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

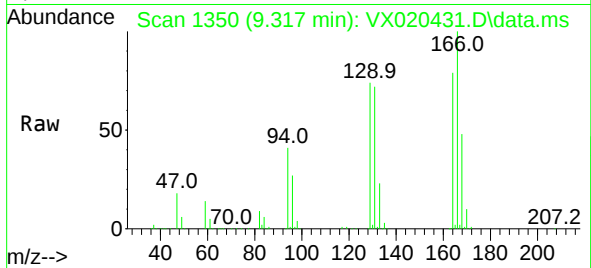
Tgt Ion: 117 Resp: 356816
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.5 26.6 39.8



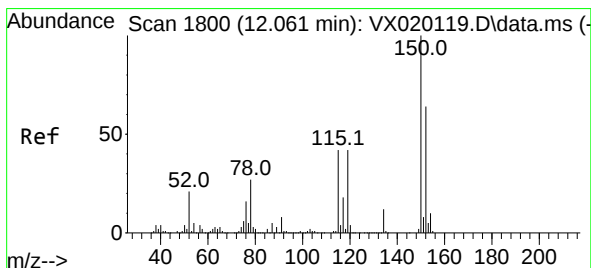
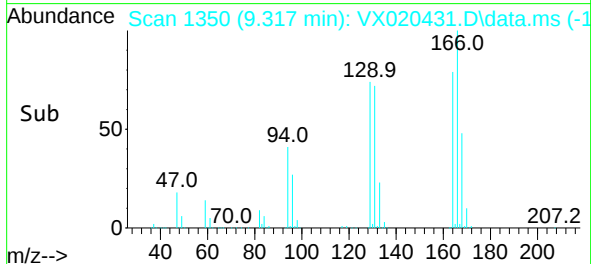
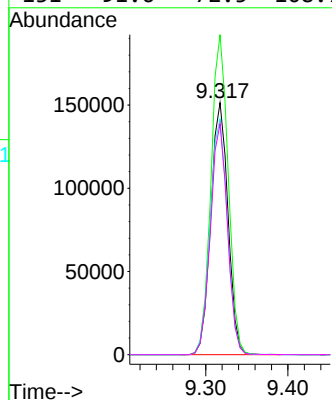


#64
Tetrachloroethene
Concen: 81.78 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

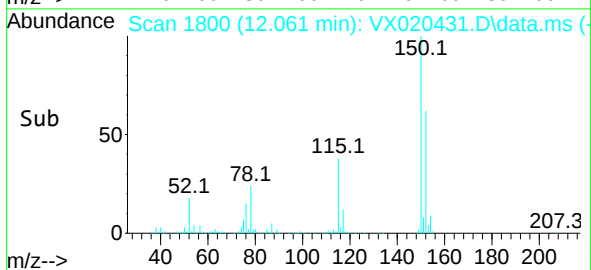
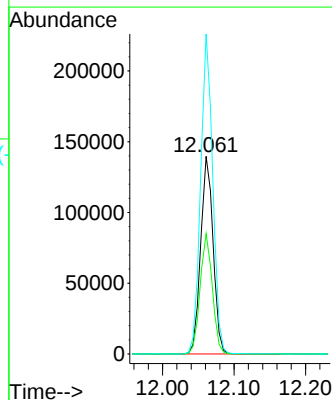
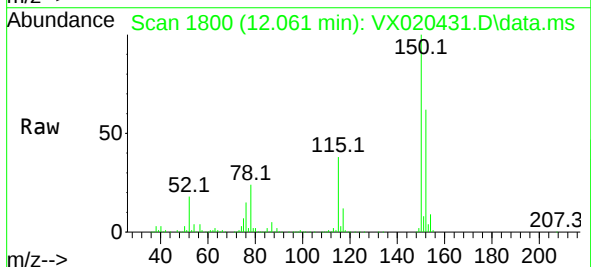


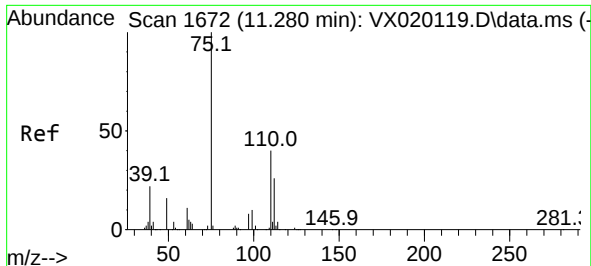
Tgt Ion:164 Resp: 219869
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.2
129 93.5 70.8 106.2
131 91.6 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion:152 Resp: 168614
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.3 0.0 349.0

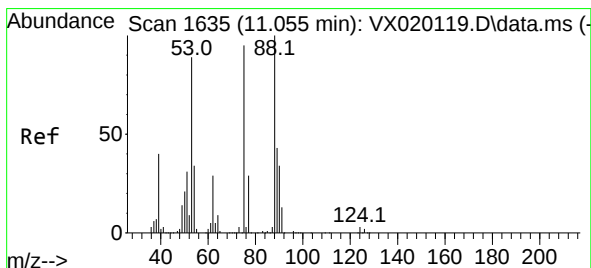
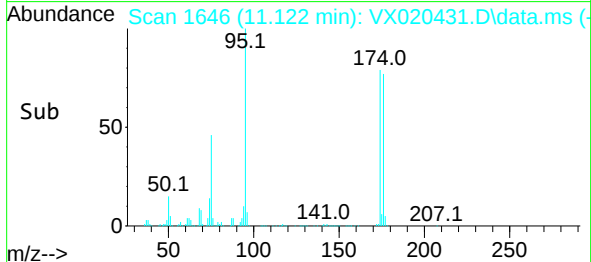
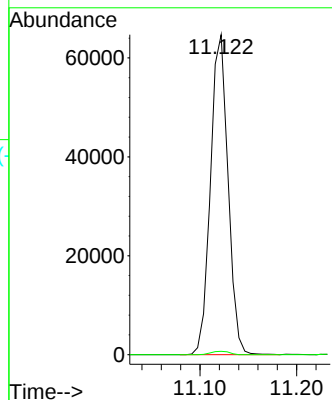
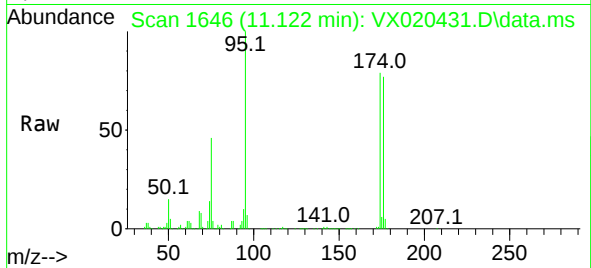




#76
1,2,3-Trichloropropane
Concen: 19.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)DL

Tgt Ion: 75 Resp: 81666
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020431.D
Acq: 29 Dec 2020 13:59

Tgt Ion: 75 Resp: 81666
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

