

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020137.D
 Acq On : 18 Dec 2020 19:28
 Operator : JC/MD
 Sample : L5053-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20201209

Quant Time: Dec 19 04:50:23 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)

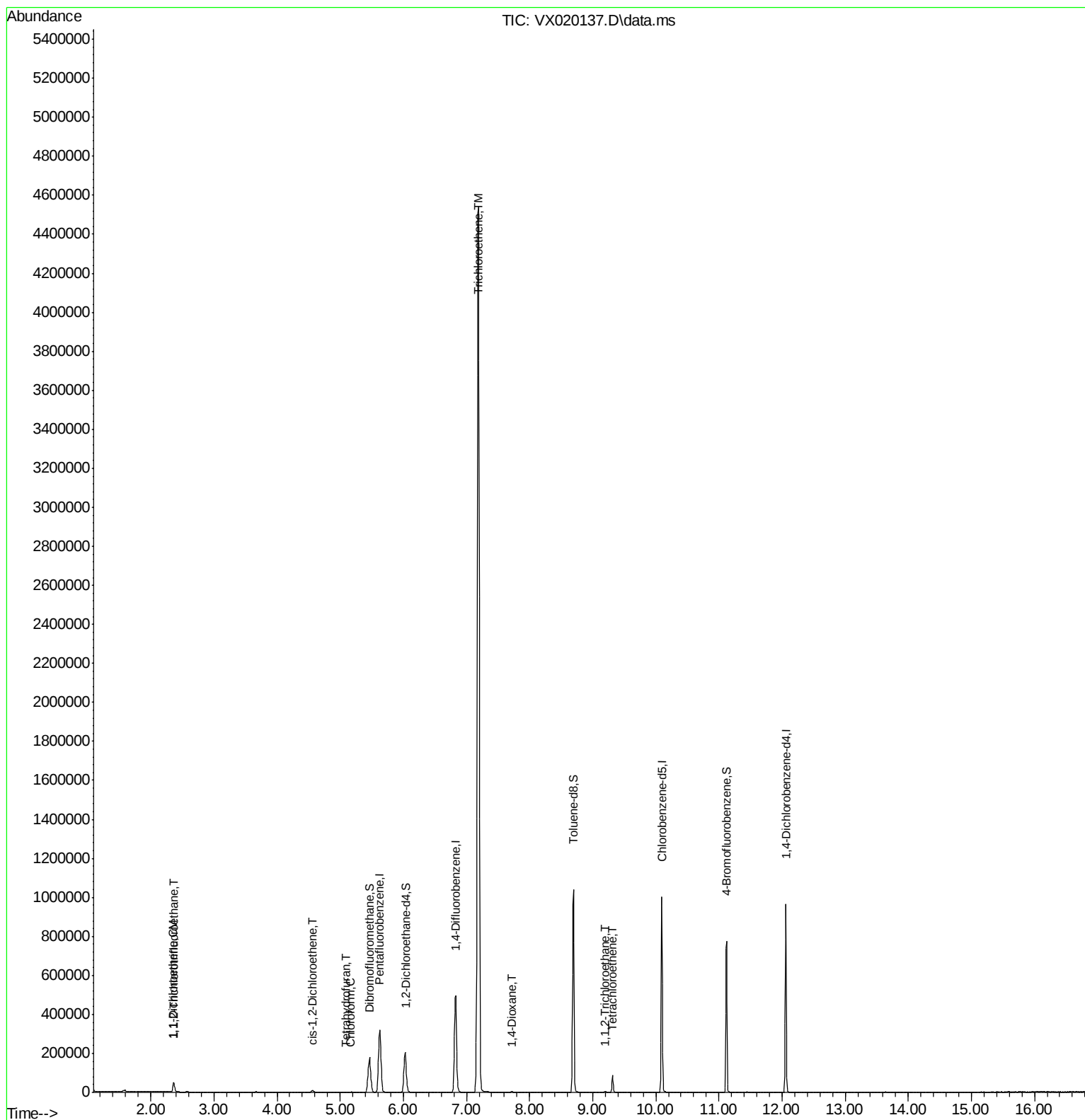
Internal Standards						
1) Pentafluorobenzene	5.629	168	309201	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	510691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	464513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	199116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	195879	47.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.52%		
35) Dibromofluoromethane	5.464	113	156824	48.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.00%		
50) Toluene-d8	8.696	98	619403	49.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.52%		
62) 4-Bromofluorobenzene	11.122	95	217162	45.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.24%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.367	101	12202	3.95	ug/l	99
12) 1,1-Dichloroethene	2.355	96	7113	2.25	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	5736	1.33	ug/l	96
29) Tetrahydrofuran	5.093	42	720	0.42	ug/l #	86
30) Chloroform	5.166	83	2261	0.33	ug/l #	81
44) Trichloroethene	7.190	130	1784046	439.28	ug/l	99
49) 1,4-Dioxane	7.720	88	1765	18.58	ug/l #	91
55) 1,1,2-Trichloroethane	9.196	97	1223	0.31	ug/l	95
64) Tetrachloroethene	9.317	164	17182	4.91	ug/l	97

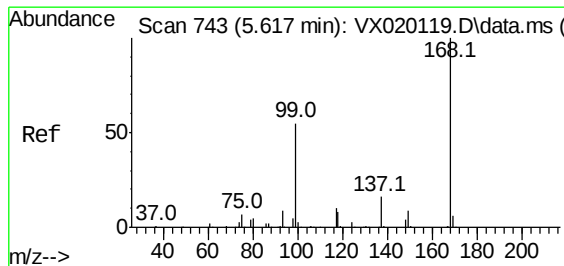
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

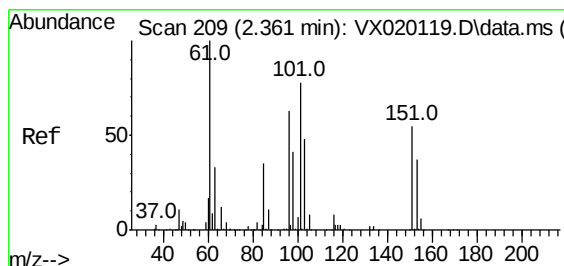
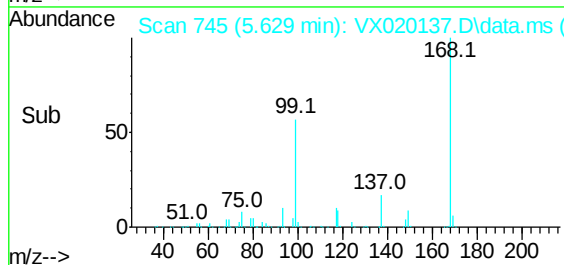
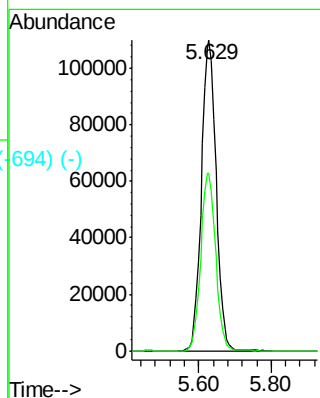
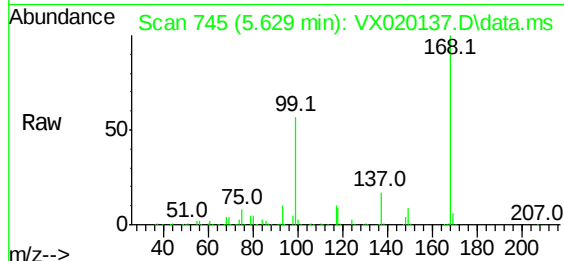




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

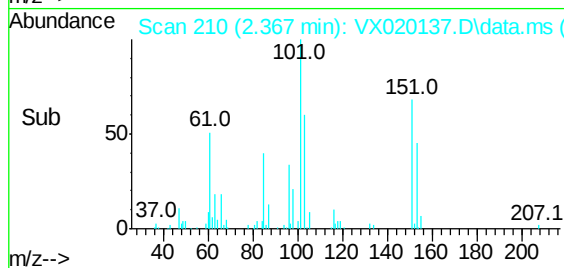
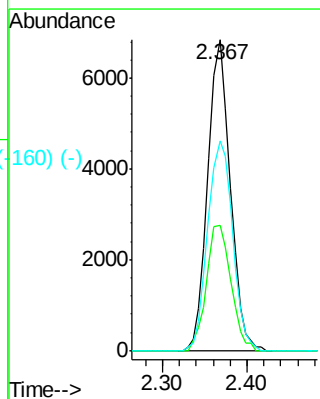
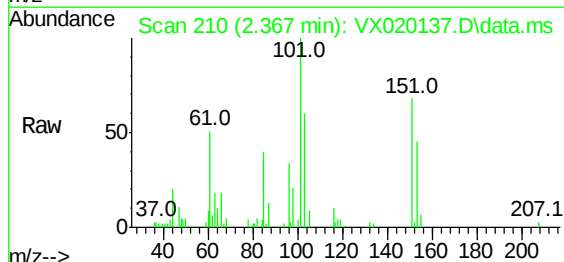
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20201209

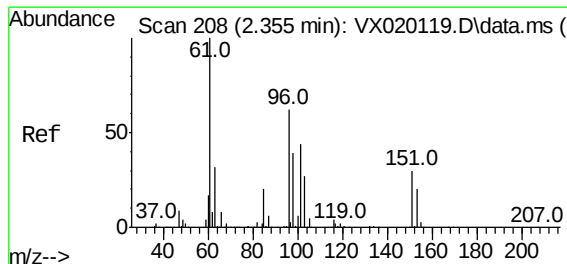
Tgt Ion:168 Resp: 309201
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



1,1,2-Trichlorotrifluoroethane
Concen: 3.95 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion:101 Resp: 12202
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 74.9 61.4 92.2

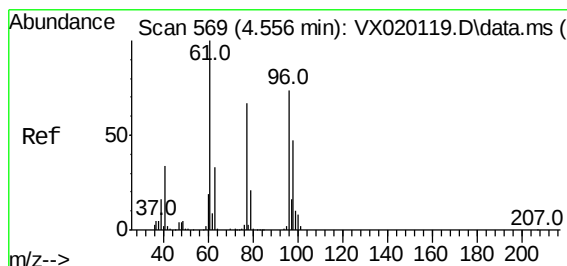
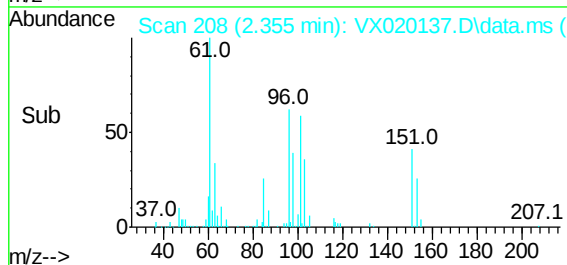
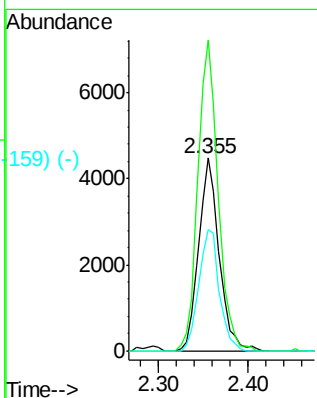
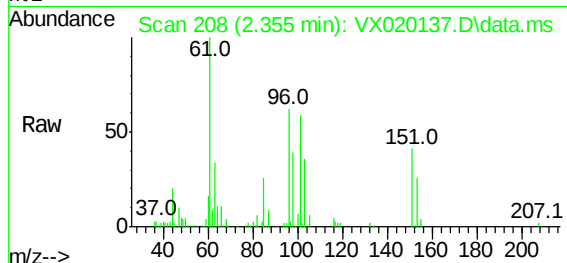




1,1-Dichloroethene
Concen: 2.25 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

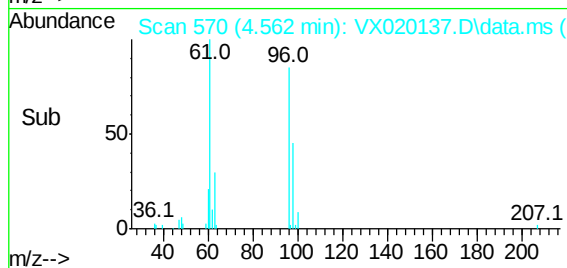
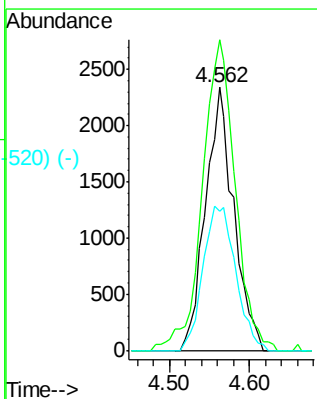
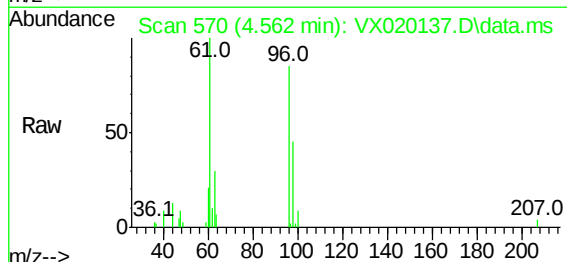
Instrument :
MSVOA_X
ClientSampleId :
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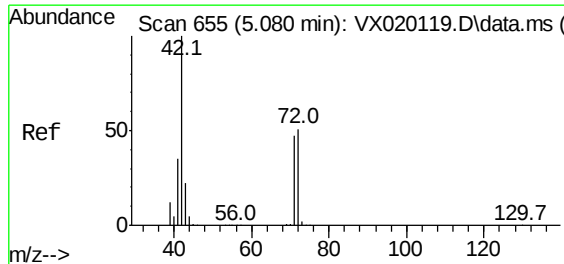
Tgt Ion: 96 Resp: 7113
Ion Ratio Lower Upper
96 100
61 161.5 124.6 187.0
98 62.9 50.6 76.0



cis-1,2-Dichloroethene
Concen: 1.33 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion: 96 Resp: 5736
Ion Ratio Lower Upper
96 100
61 136.5 0.0 285.6
98 63.2 0.0 129.6

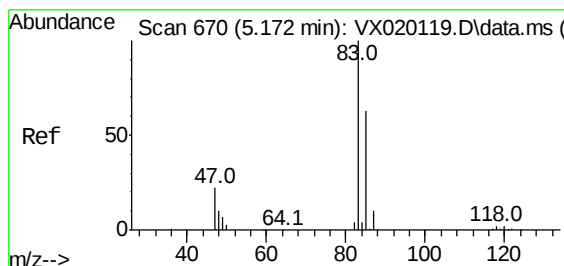
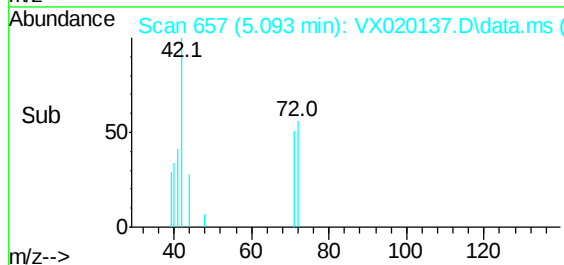
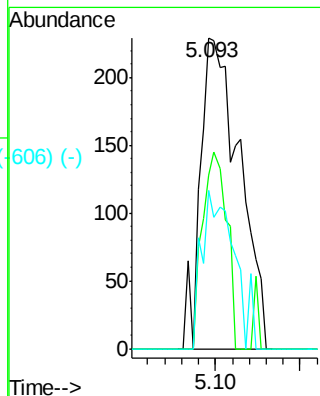
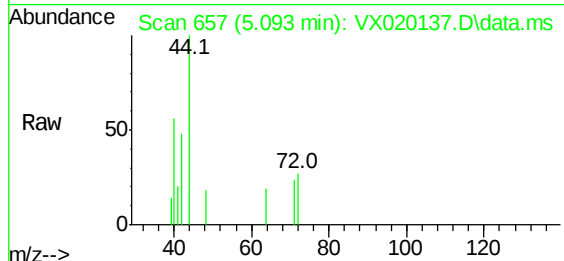




#49 (-)
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.013 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

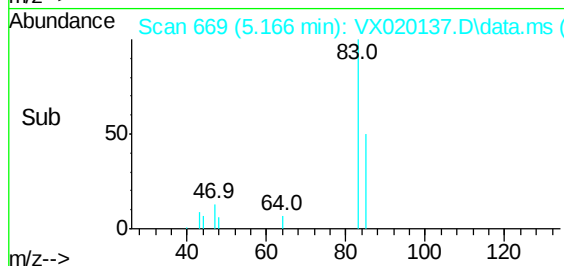
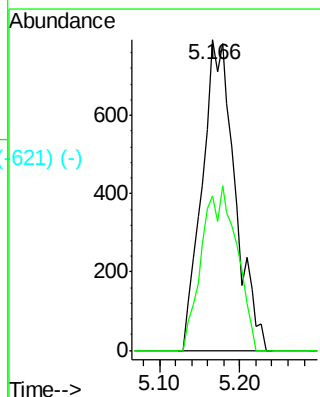
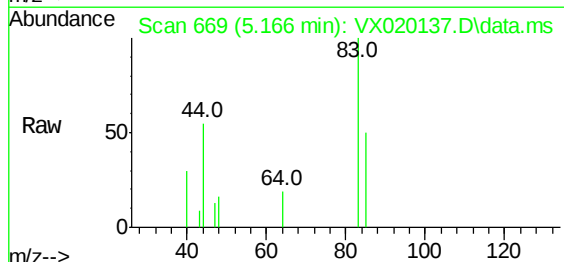
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20201209

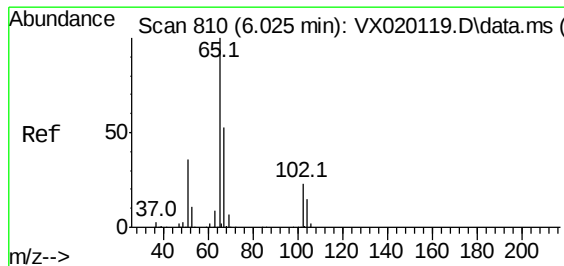
Tgt Ion: 42 Resp: 720
Ion Ratio Lower Upper
42 100
72 38.8 41.7 62.5#
71 41.9 38.4 57.6



#50 (-)
Chloroform
Concen: 0.33 ug/l
RT: 5.166 min Scan# 669
Delta R.T. -0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion: 83 Resp: 2261
Ion Ratio Lower Upper
83 100
85 49.7 52.0 78.0#

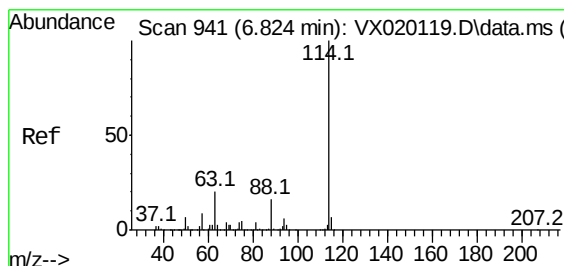
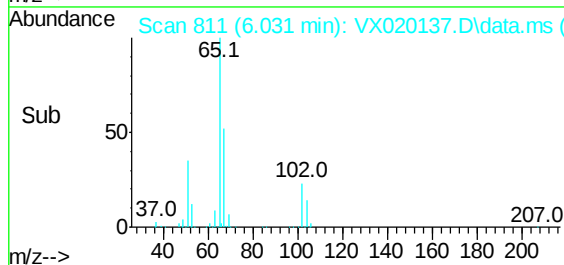
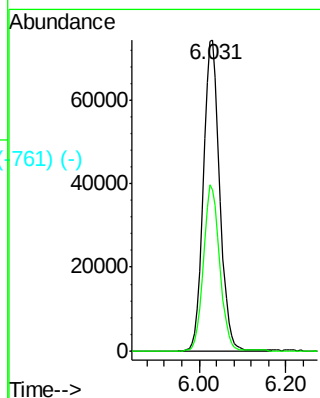
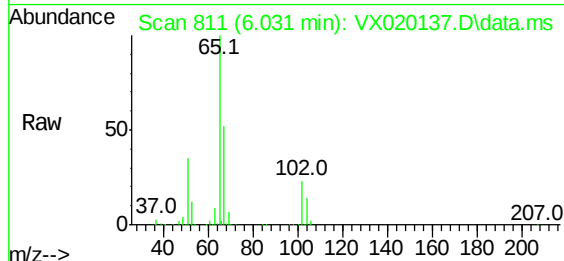




1,2-Dichloroethane-d4
Concen: 47.26 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

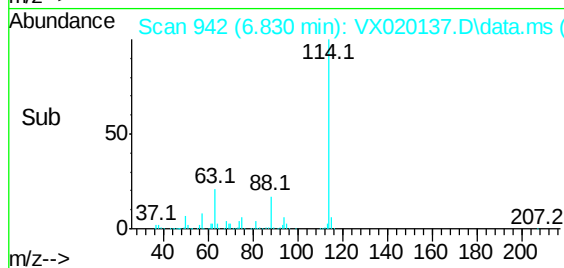
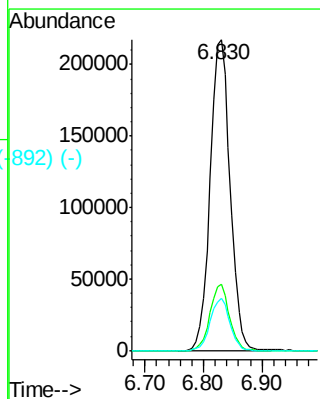
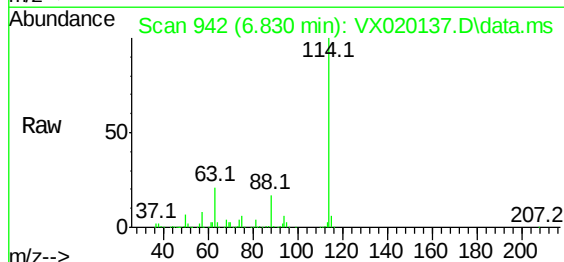
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20201209

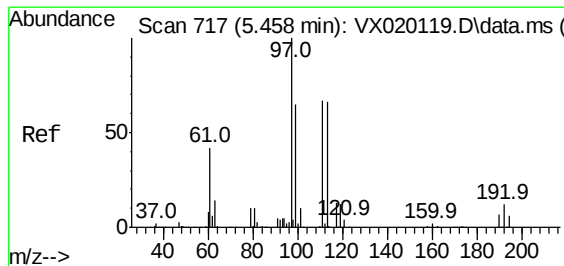
Tgt Ion: 65 Resp: 195879
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion: 114 Resp: 510691
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.7 0.0 32.8

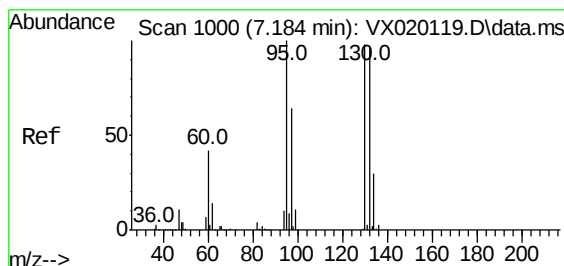
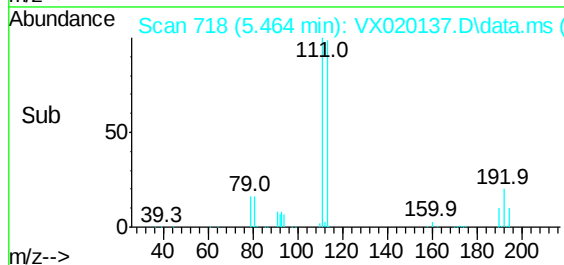
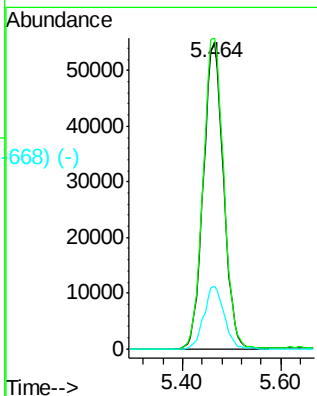
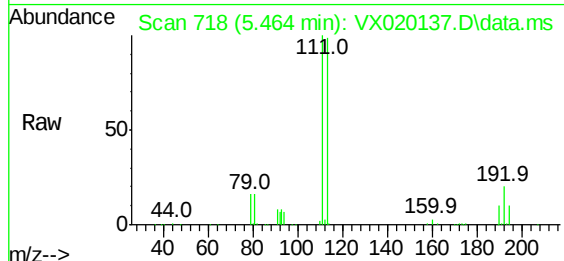




Dibromofluoromethane
Concen: 48.00 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

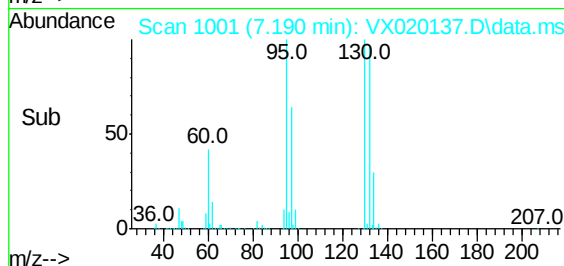
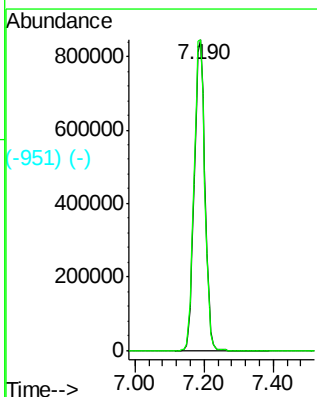
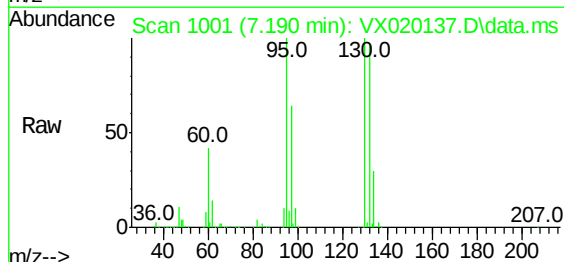
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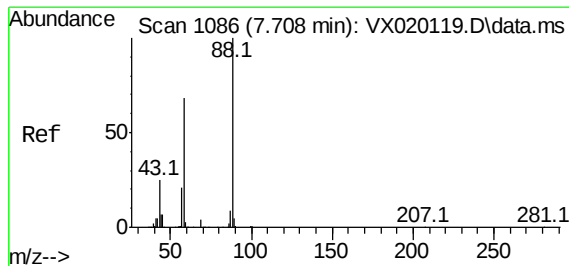
Tgt Ion:113 Resp: 156824
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.3 16.7 25.1



Trichloroethene
Concen: 439.28 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion:130 Resp: 1784046
Ion Ratio Lower Upper
130 100
95 100.1 0.0 198.0

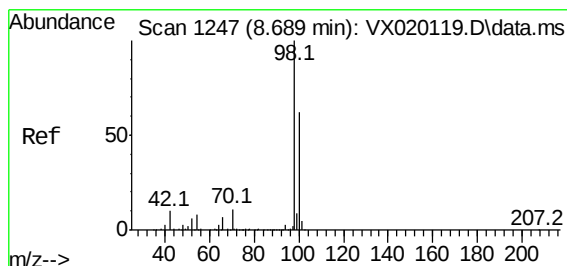
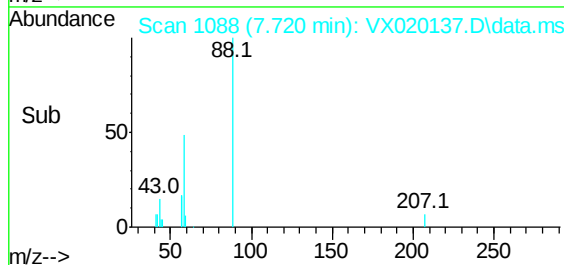
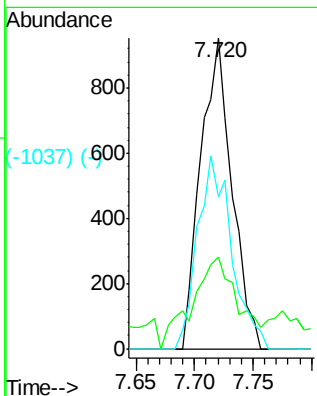
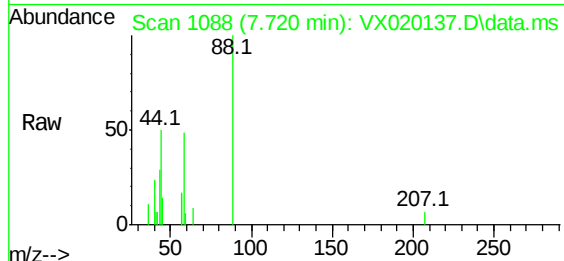




(-1079) (-)
1,4-Dioxane
Concen: 18.58 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

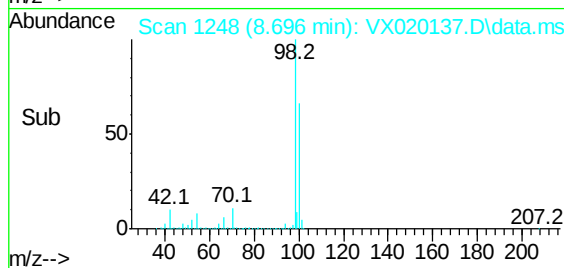
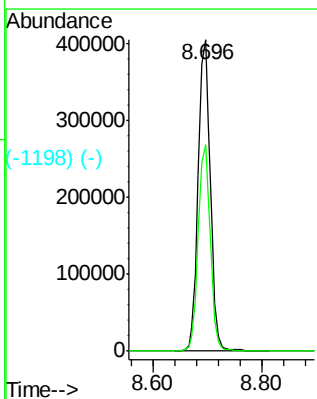
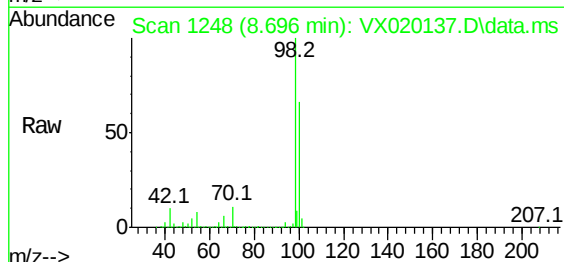
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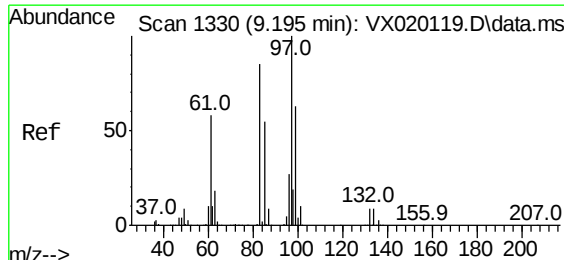
Tgt Ion: 88 Resp: 1765
Ion Ratio Lower Upper
88 100
43 43.5 23.2 34.8#
58 67.6 55.0 82.4



(-1209) (-)
Toluene-d8
Concen: 49.26 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion: 98 Resp: 619403
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



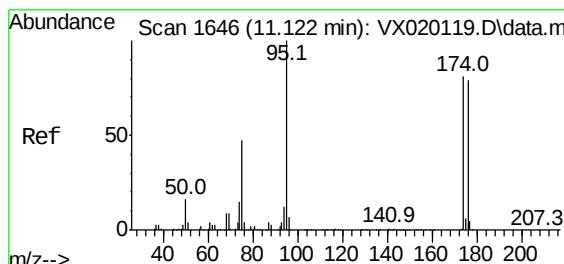
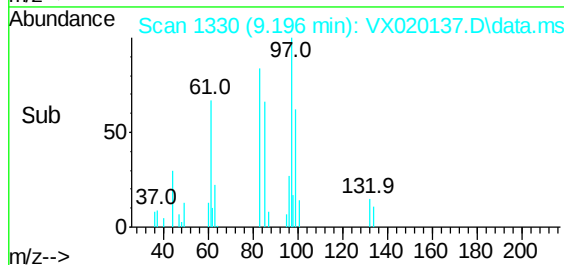
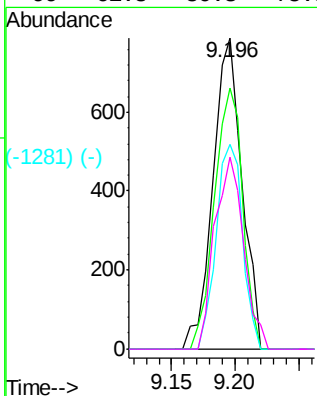
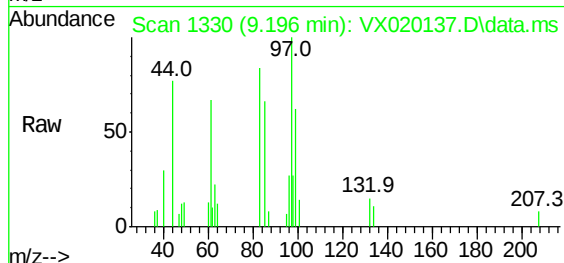


#559 (-)
1,1,2-Trichloroethane
Concen: 0.31 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20201209

Tgt Ion: 97 Resp: 1223

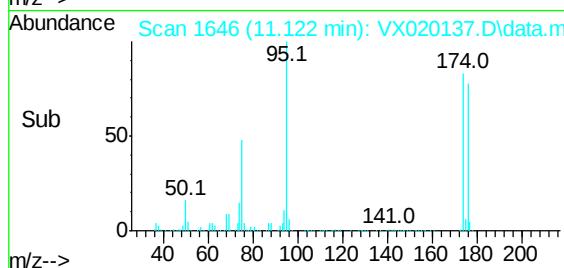
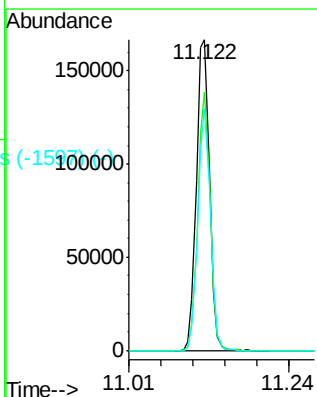
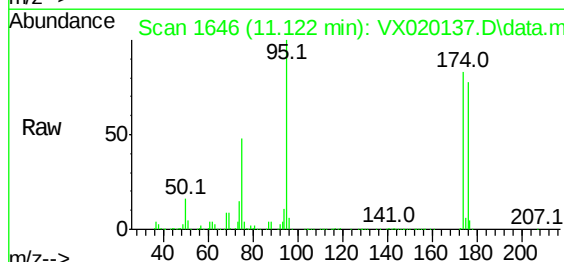
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.3	103.9
85	65.6	44.3	66.5
99	61.8	50.3	75.5

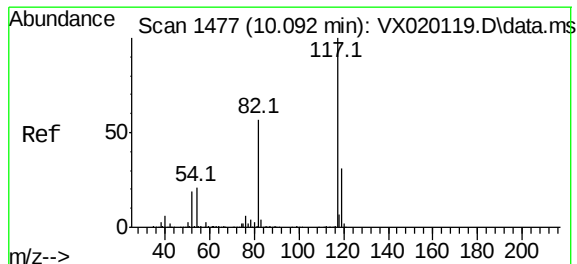


#639 (-)
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Tgt Ion: 95 Resp: 217162

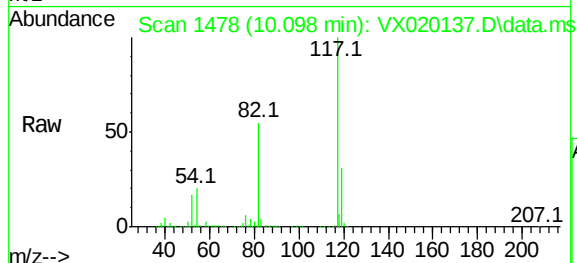
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	154.6
176	74.7	0.0	155.8



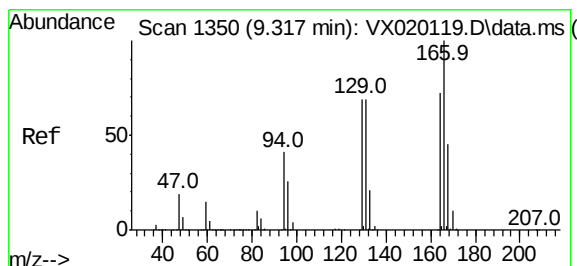
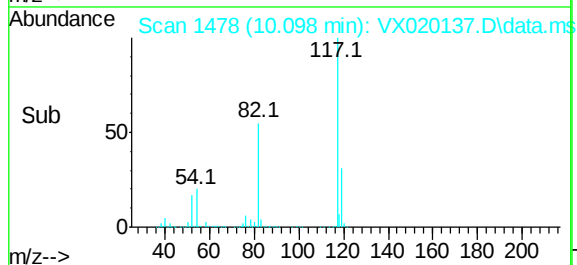
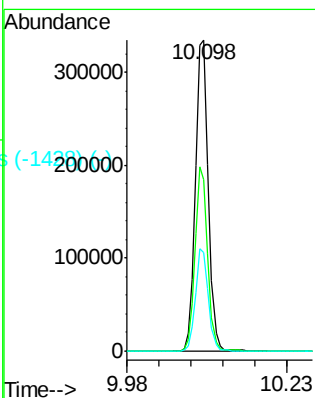


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20201209

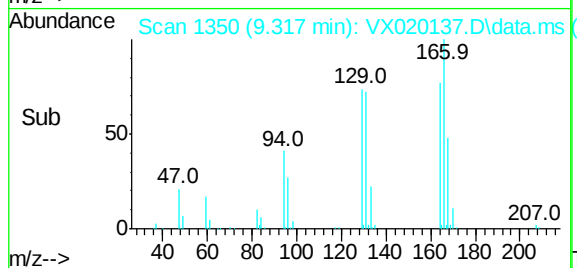
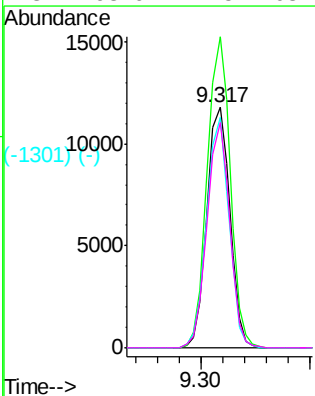
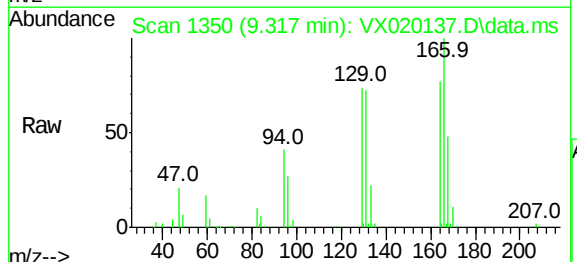


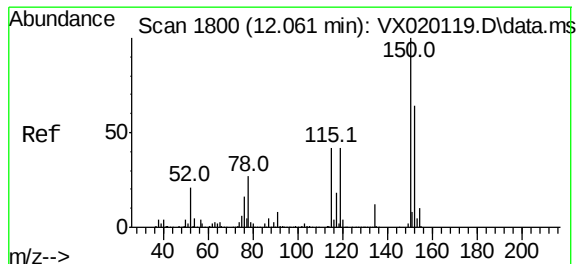
Tgt Ion:117 Resp: 464513
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.4 26.6 39.8



#642 (-)
Tetrachloroethene
Concen: 4.91 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020137.D
Acq: 18 Dec 2020 19:28

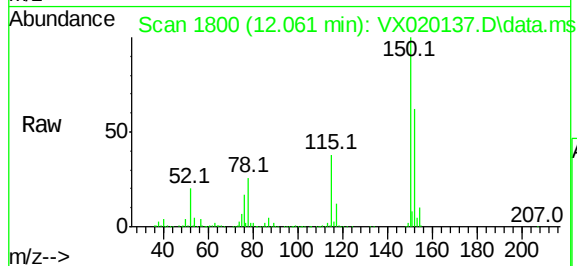
Tgt Ion:164 Resp: 17182
Ion Ratio Lower Upper
164 100
166 129.4 103.4 155.2
129 95.7 70.8 106.2
131 93.6 72.5 108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020137.D
 Acq: 18 Dec 2020 19:28

Instrument :
 MSVOA_X
ClientSampleId :
 RE103D1-20201209



Tgt Ion:152 Resp: 199116

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.1	123.3
150	157.8	0.0	349.0

