

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068117.D
 Acq On : 20 Jan 2021 17:07
 Operator : VA/SY
 Sample : M1100-02RE
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Time: Jan 20 23:46:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

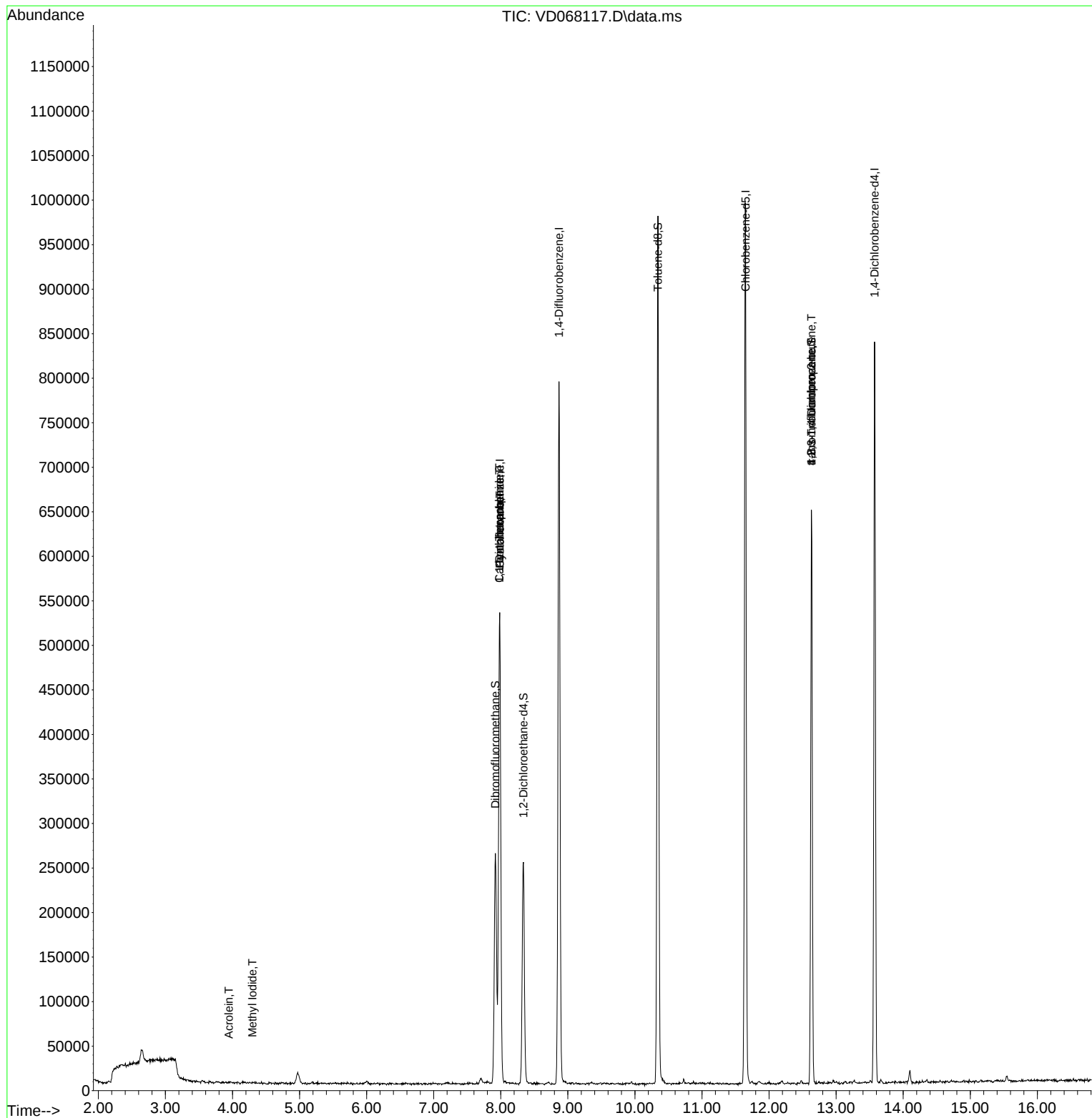
Internal Standards						
1) Pentafluorobenzene	7.985	168	404986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	703648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	591633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	203613	52.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.12%			
35) Dibromofluoromethane	7.920	113	192119	49.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.78%			
50) Toluene-d8	10.344	98	681614	43.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.60%			
62) 4-Bromofluorobenzene	12.632	95	227660	40.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.26%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	365	3.23	ug/l #	64
11) Tert butyl alcohol	5.203	59	398	Below Cal	#	12
13) Acrolein	3.944	56	456	1.49	ug/l	90
20) Methylene Chloride	4.973	84	9340	Below Cal	#	81
31) Cyclohexane	7.985	56	9310	1.11	ug/l #	4
36) 1,1-Dichloropropene	7.979	75	34534	4.87	ug/l #	47
38) Carbon Tetrachloride	7.979	117	39690	5.98	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	114527	53.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114527	108.43	ug/l #	13

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

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TOPSOIL-RBF-ASHCROFT

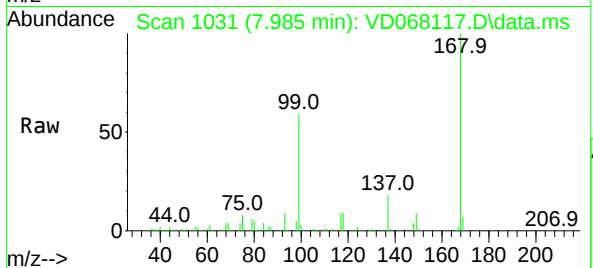
Quant Time: Jan 20 23:46:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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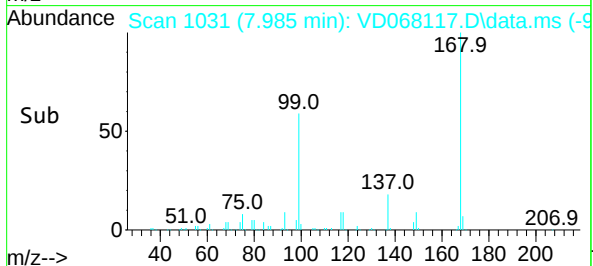
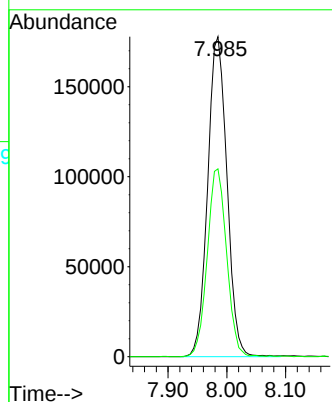


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

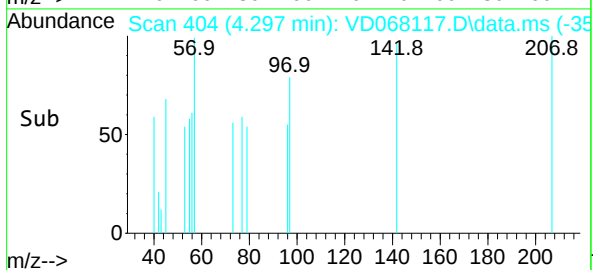
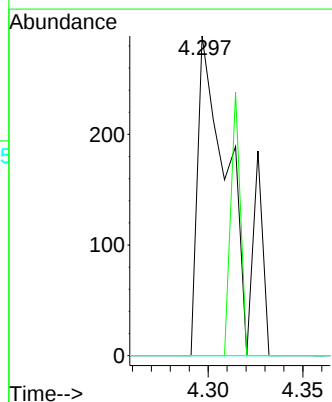
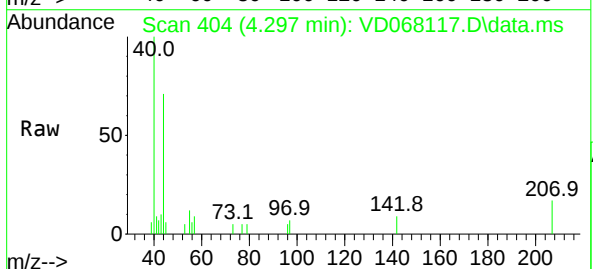


Tgt Ion:168 Resp: 404986
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.23 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

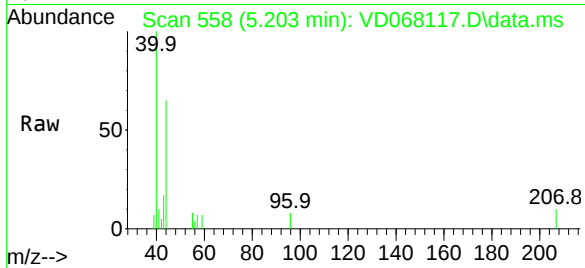
Tgt Ion:142 Resp: 365
Ion Ratio Lower Upper
142 100
127 23.0 37.9 56.9#
141 0.0 11.5 17.3#



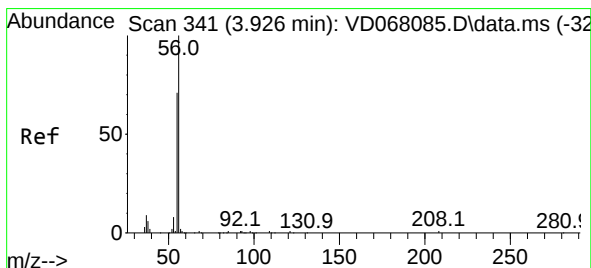
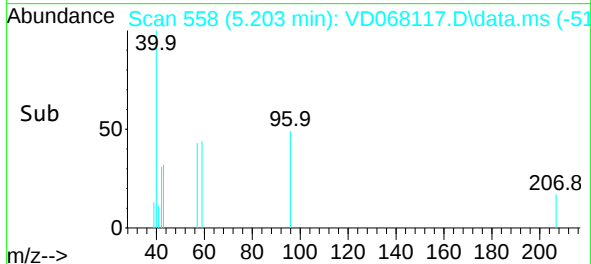
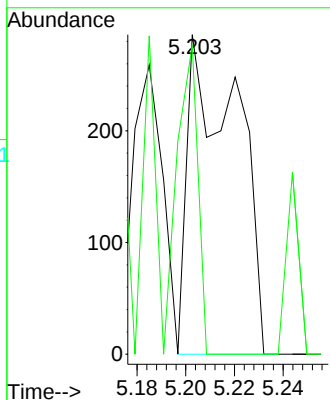


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

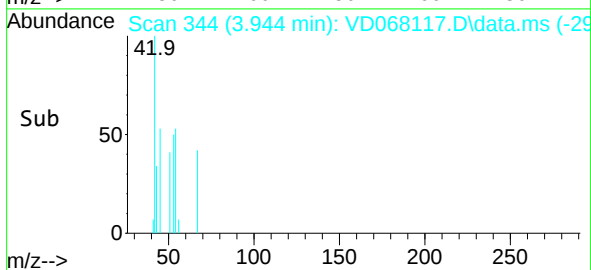
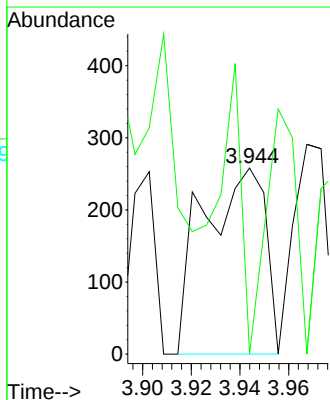
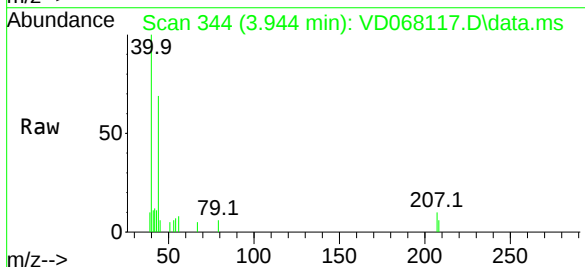


Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 41.5 7.4 11.2#



#13
Acrolein
Concen: 1.49 ug/l
RT: 3.944 min Scan# 344
Delta R.T. 0.018 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

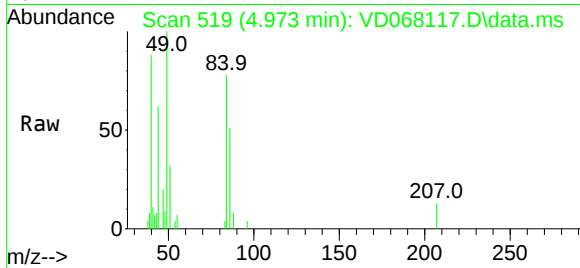
Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
55 62.1 56.5 84.7



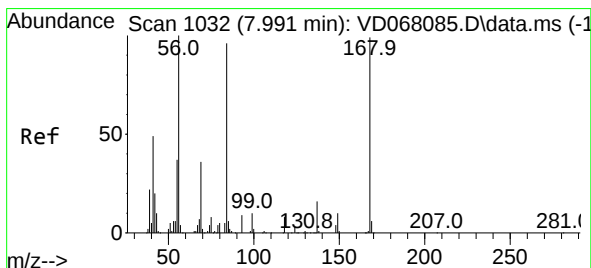
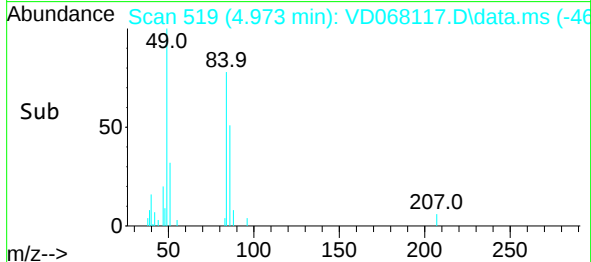
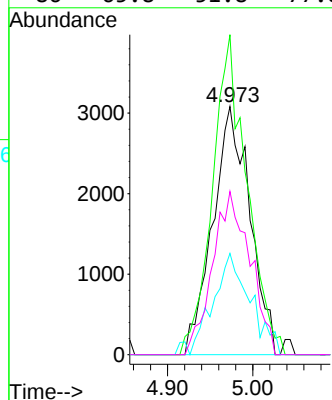


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

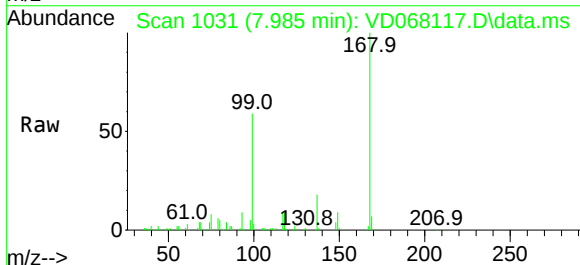
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-ASHCROFT



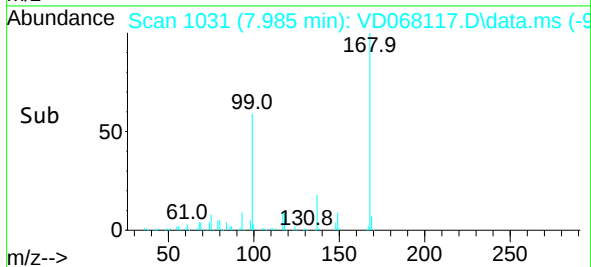
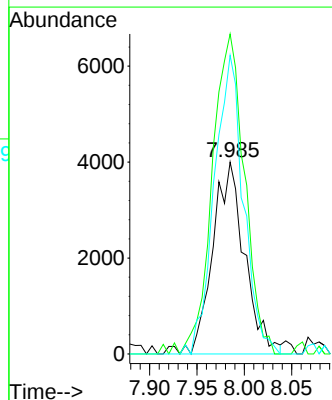
Tgt Ion:	84	Resp:	9340
Ion	Ratio	Lower	Upper
84	100		
49	128.9	77.4	116.2#
51	40.8	26.1	39.1#
86	65.8	51.8	77.8

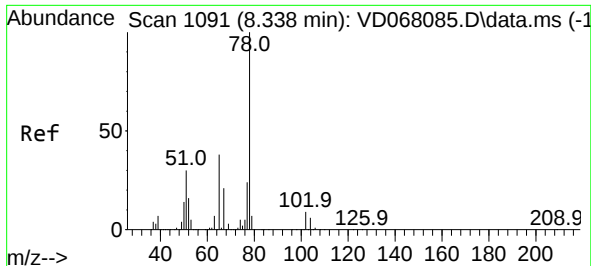


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07



Tgt Ion:	56	Resp:	9310
Ion	Ratio	Lower	Upper
56	100		
69	166.8	30.1	45.1#
84	155.6	82.1	123.1#

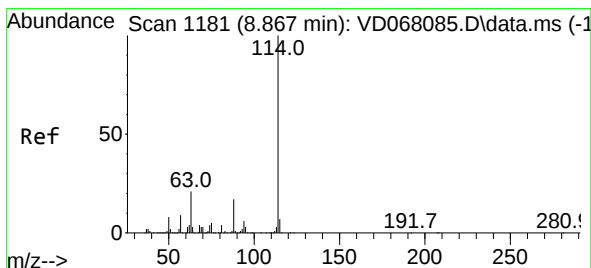
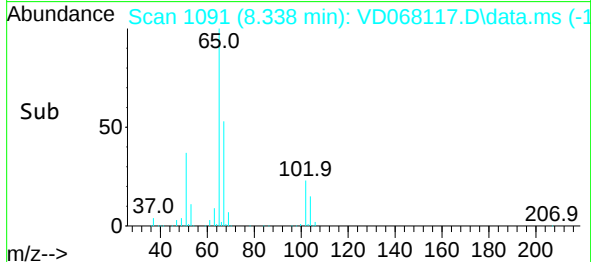
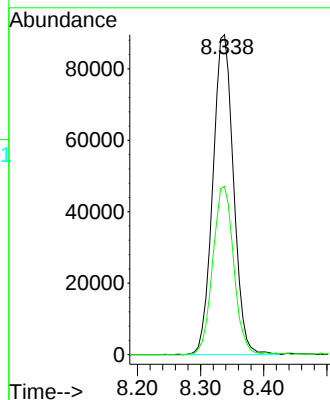
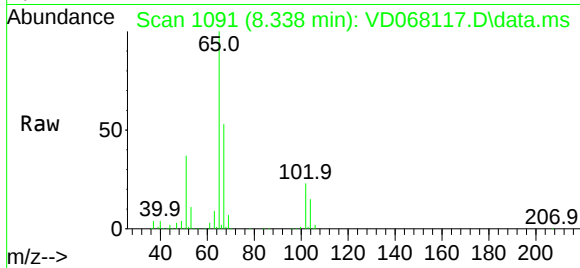




#33
1,2-Dichloroethane-d4
Concen: 52.56 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

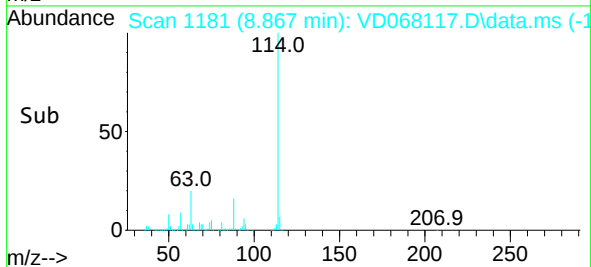
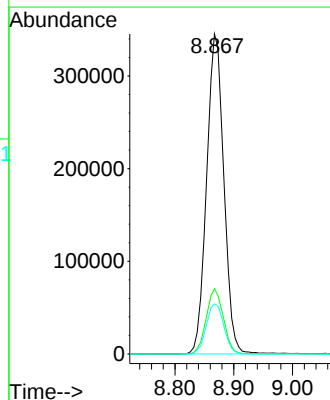
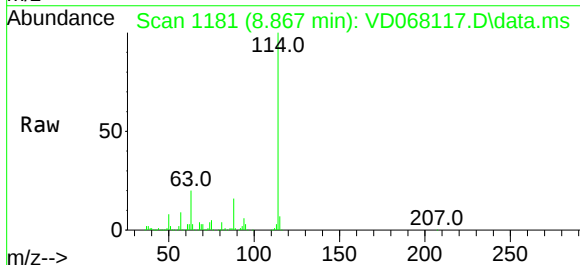
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

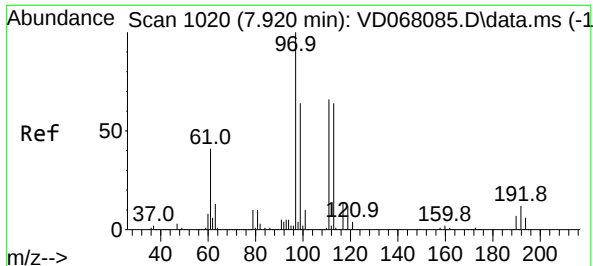
Tgt Ion: 65 Resp: 203613
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

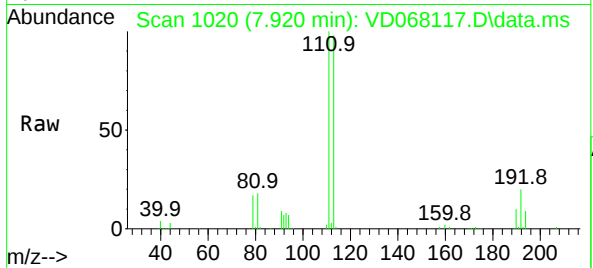
Tgt Ion: 114 Resp: 703648
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.7 0.0 31.6



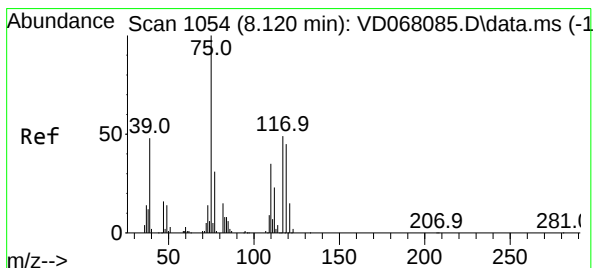
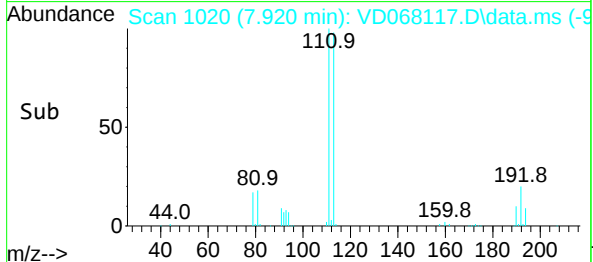
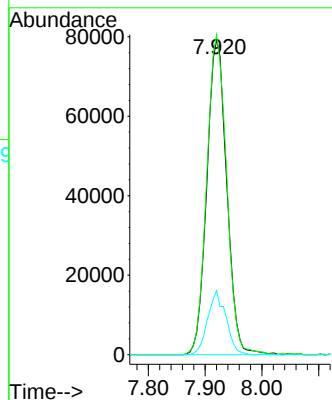


#35
Dibromofluoromethane
Concen: 49.39 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Instrument :
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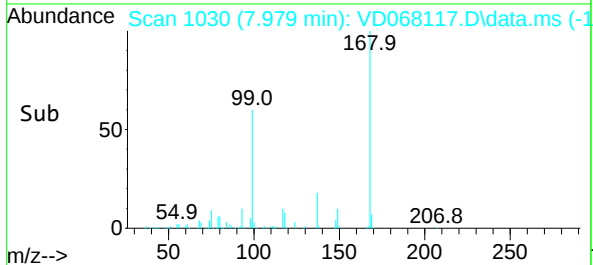
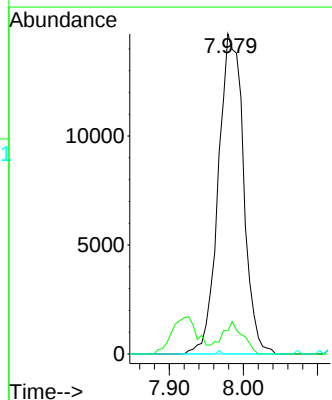
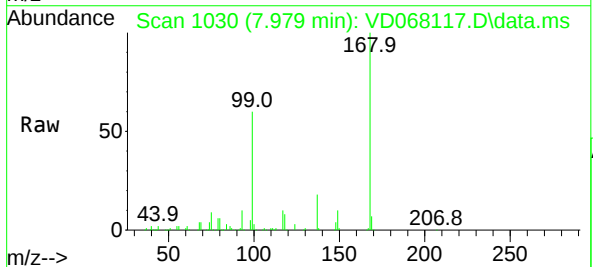


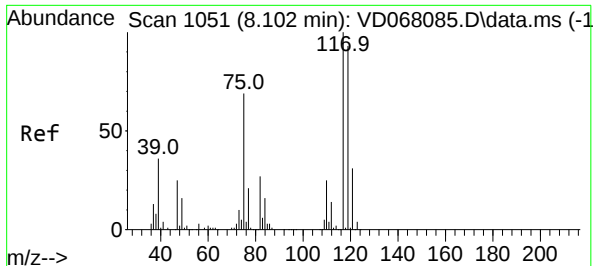
Tgt Ion:113 Resp: 192119
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

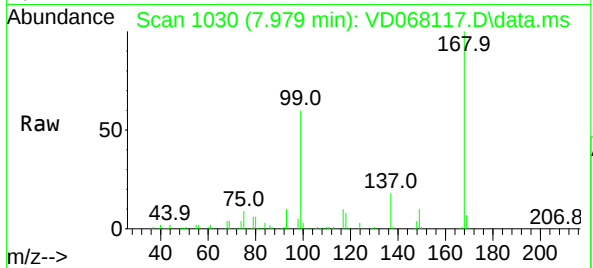
Tgt Ion: 75 Resp: 34534
Ion Ratio Lower Upper
75 100
110 8.3 19.4 58.2#
77 0.2 25.3 37.9#



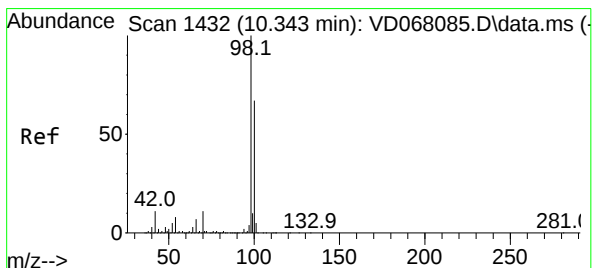
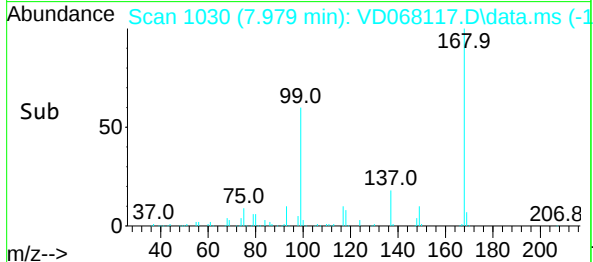
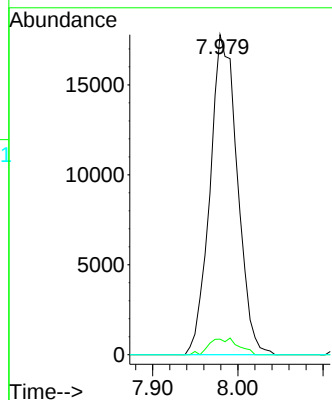


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Instrument :
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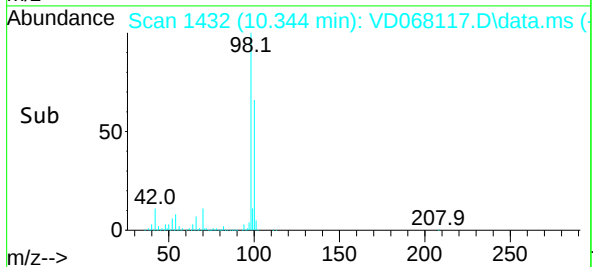
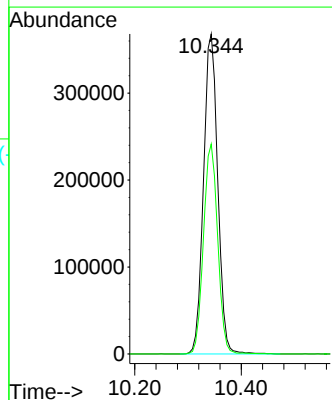
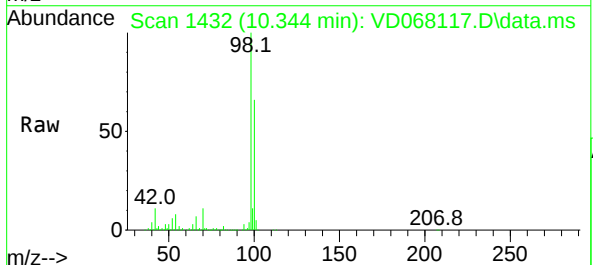


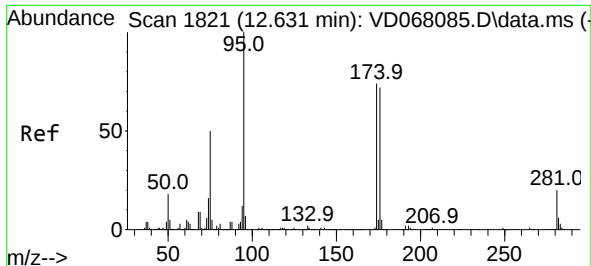
Tgt Ion:117 Resp: 39690
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 43.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Tgt Ion: 98 Resp: 681614
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

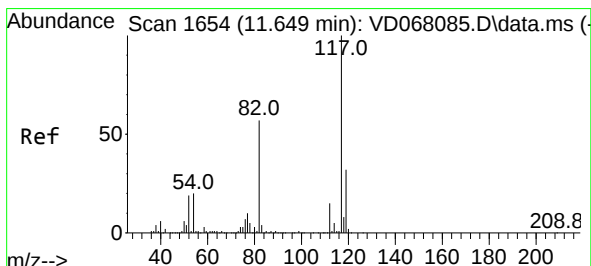
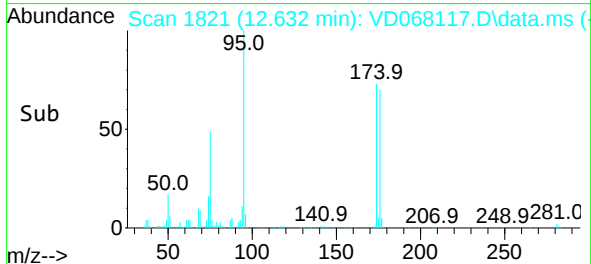
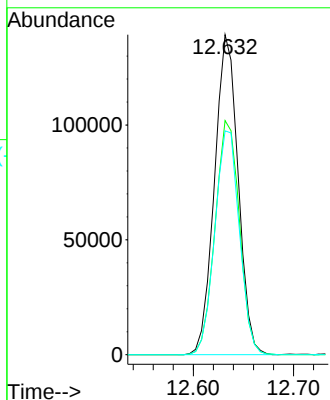
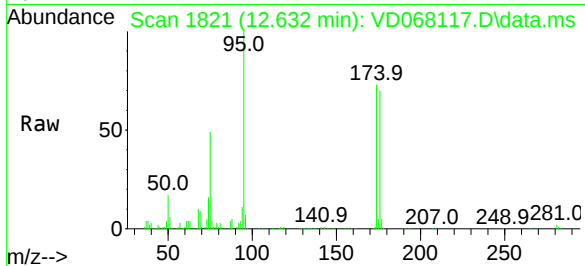




#62
4-Bromofluorobenzene
Concen: 40.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

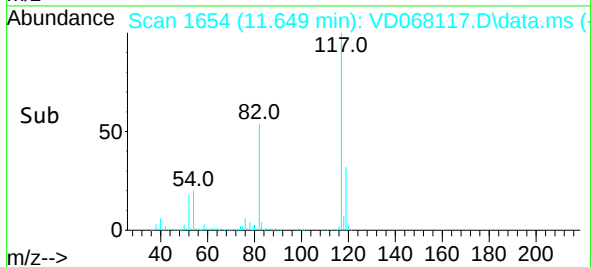
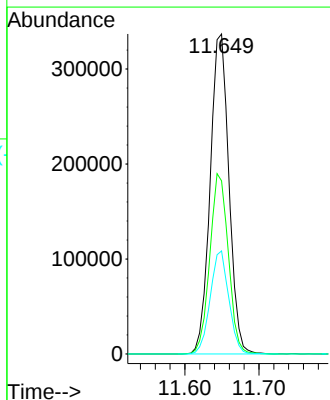
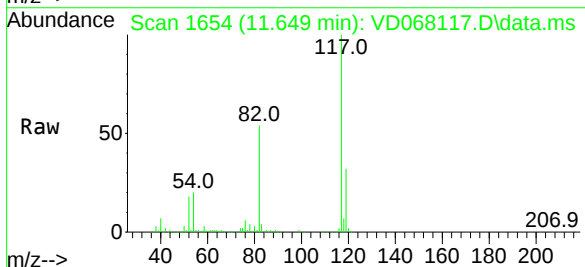
Instrument :
MSVOA_D
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TOPSOIL-RBF-ASHCROFT

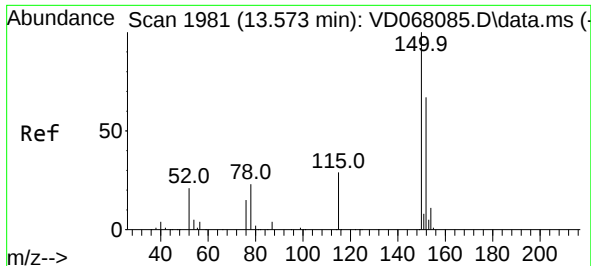
Tgt Ion: 95 Resp: 227660
Ion Ratio Lower Upper
95 100
174 75.3 0.0 172.4
176 72.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

Tgt Ion: 117 Resp: 591633
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.2 26.1 39.1

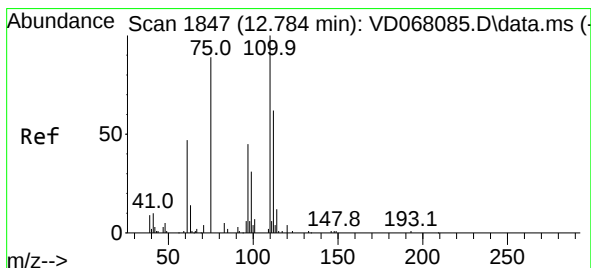
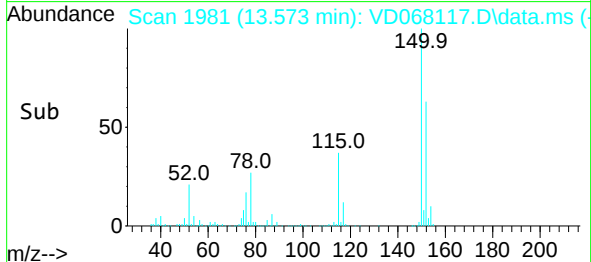
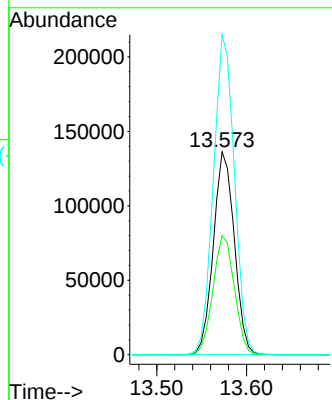
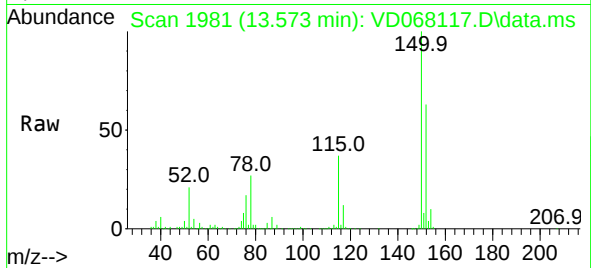




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

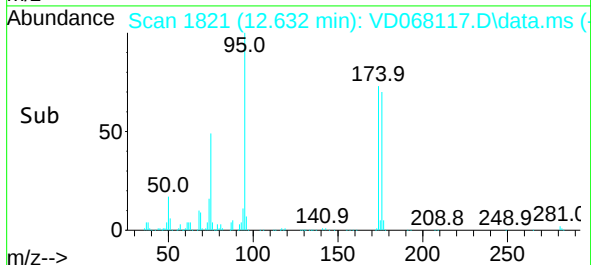
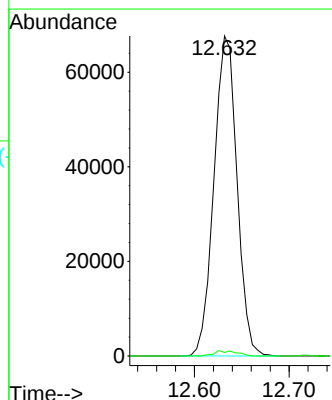
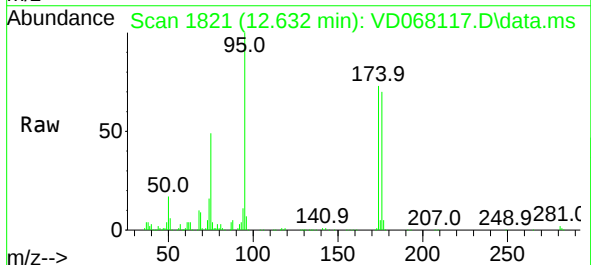
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

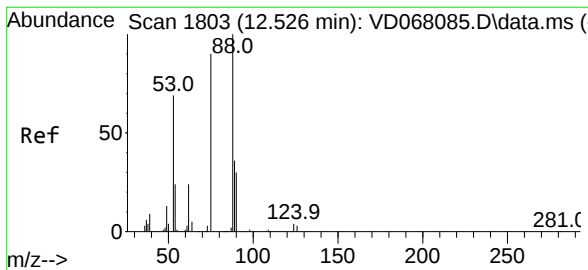
Tgt Ion:152 Resp: 221057
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 158.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068117.D
Acq: 20 Jan 2021 17:07

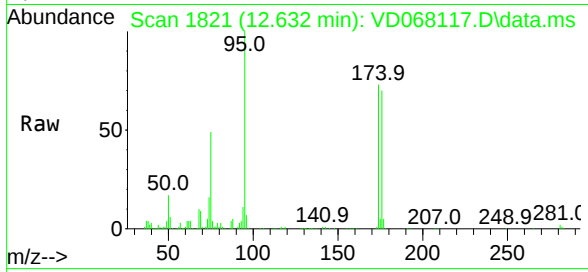
Tgt Ion: 75 Resp: 114527
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.43 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068117.D
 Acq: 20 Jan 2021 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT



Tgt Ion: 75 Resp: 114527
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

