

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
 Data File : VD068119.D
 Acq On : 20 Jan 2021 18:00
 Operator : VA/SY
 Sample : M1100-04RE
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-LIGHT

Quant Time: Jan 20 23:47:21 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)

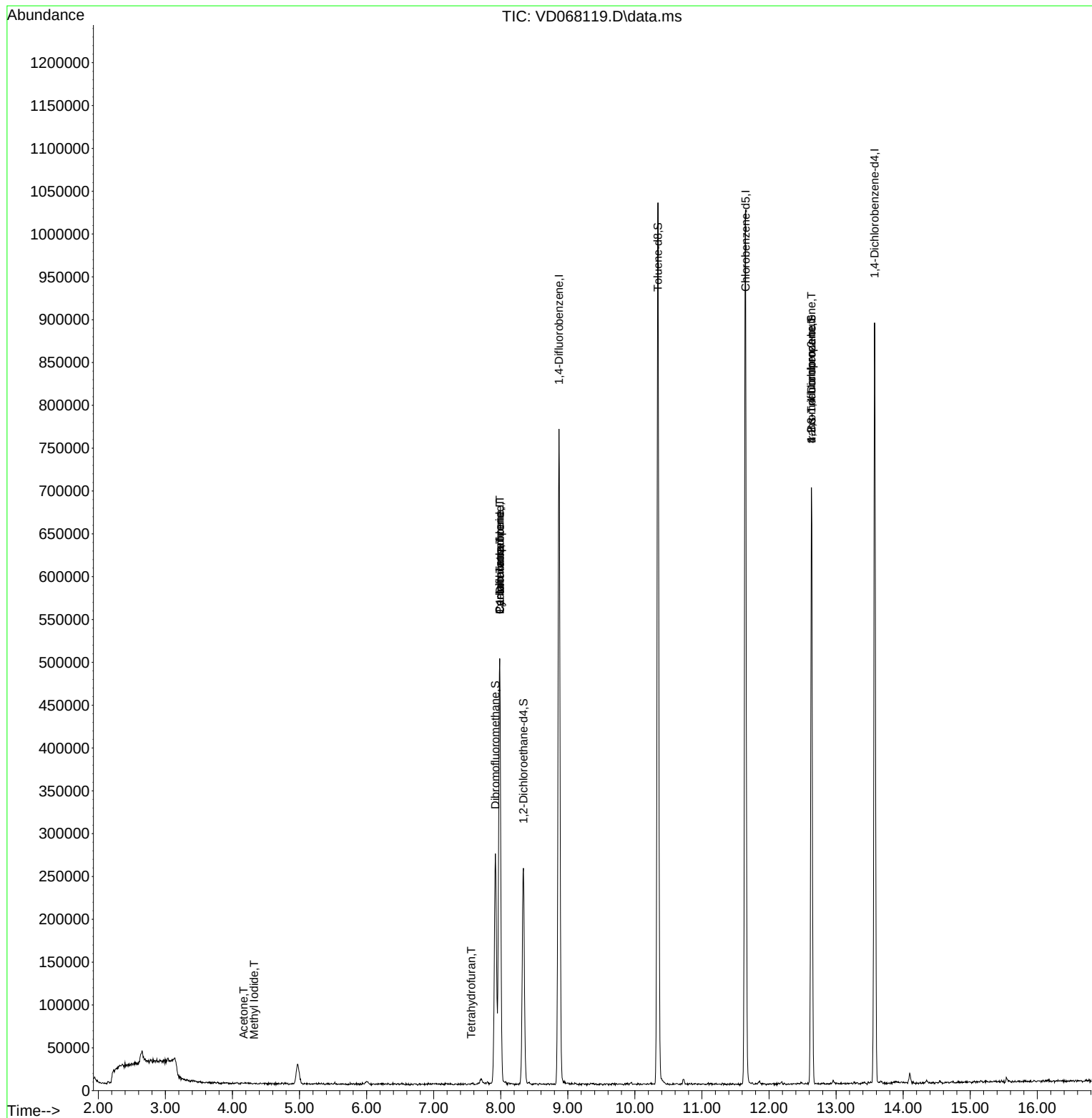
Internal Standards						
1) Pentafluorobenzene	7.985	168	374609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	684939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	600276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	205379	57.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.62%
35) Dibromofluoromethane	7.920	113	192629	50.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.74%
50) Toluene-d8	10.344	98	704716	46.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.06%
62) 4-Bromofluorobenzene	12.632	95	242172	44.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.80%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	251	3.21	ug/l #	38
11) Tert butyl alcohol	5.209	59	150	Below	Cal #	3
16) Acetone	4.167	43	1195	1.87	ug/l	98
29) Tetrahydrofuran	7.561	42	716	1.15	ug/l #	48
31) Cyclohexane	7.985	56	8425	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	29753	4.31	ug/l #	46
38) Carbon Tetrachloride	7.985	117	36769	5.69	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	122717	53.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122717	109.13	ug/l #	13

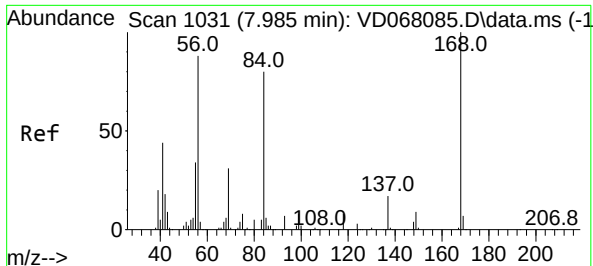
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TOPSOIL-RBF-LIGHT

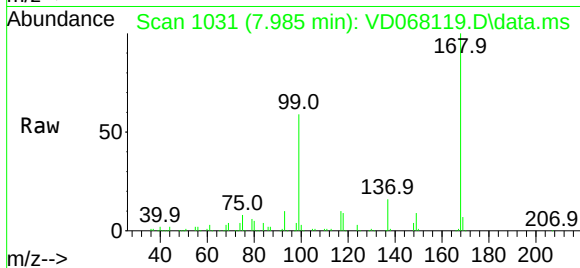
Quant Time: Jan 20 23:47:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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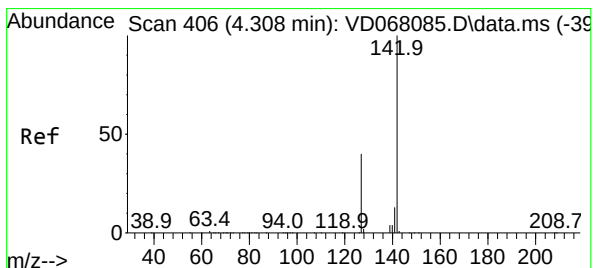
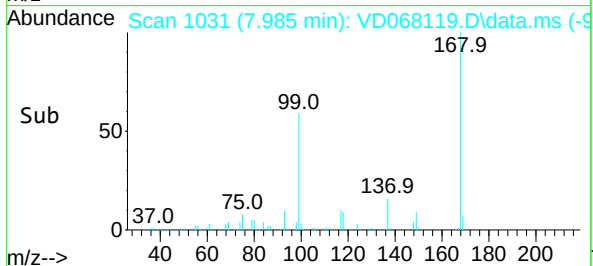
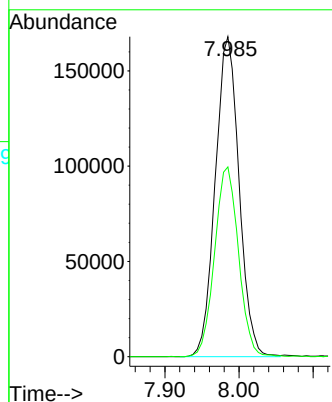


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

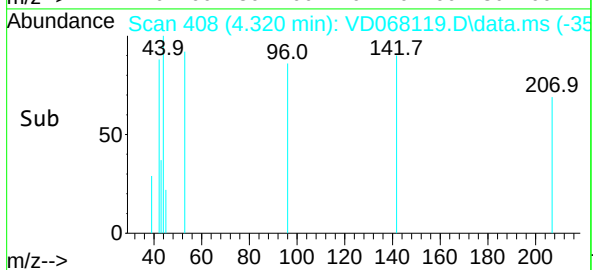
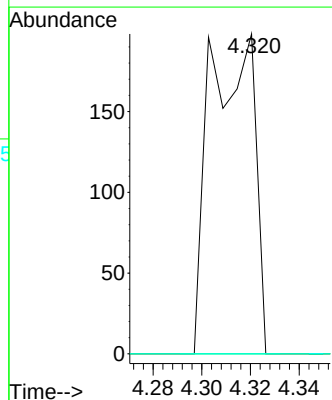
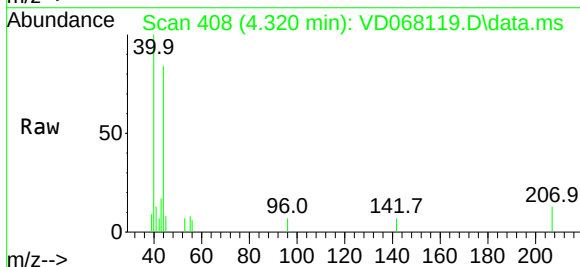


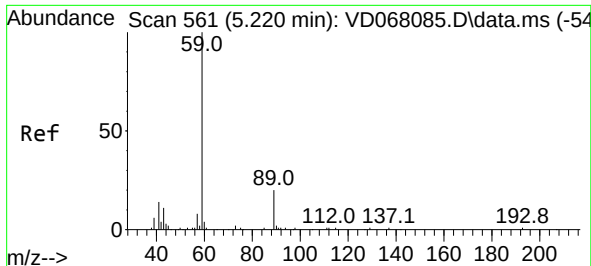
Tgt Ion:168 Resp: 374609
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.21 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion:142 Resp: 251
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



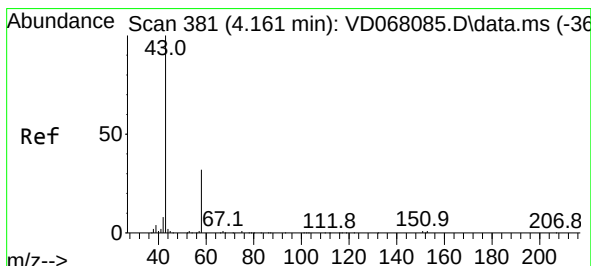
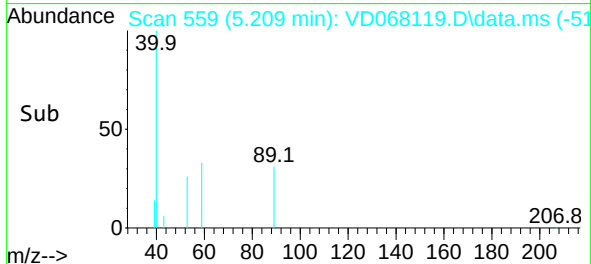
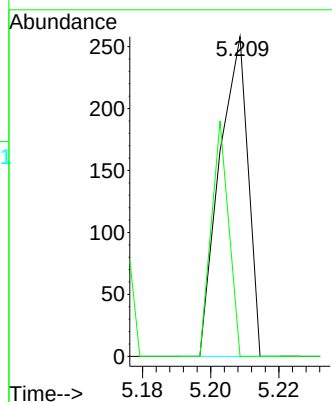
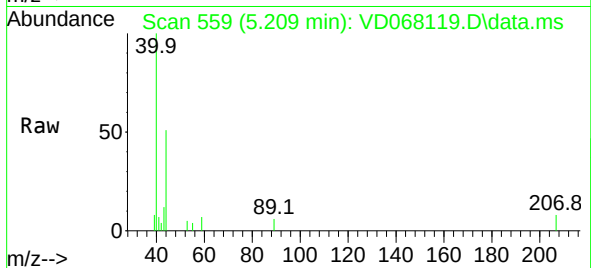


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

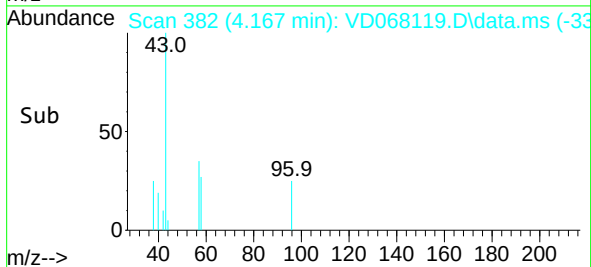
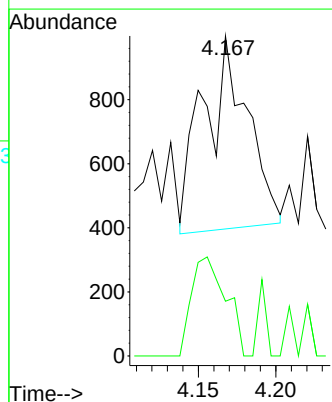
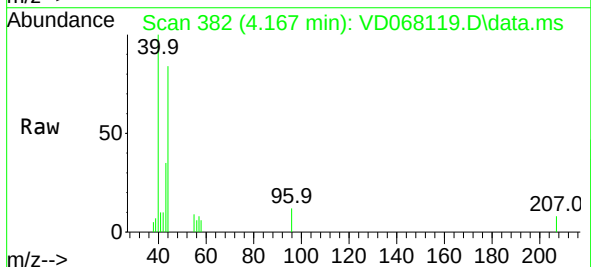
Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 44.7 7.4 11.2#

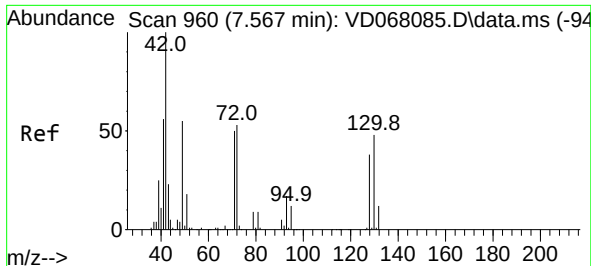


#16

Acetone
Concen: 1.87 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

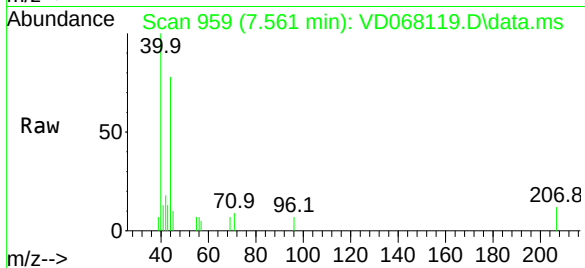
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 29.3 24.2 36.4



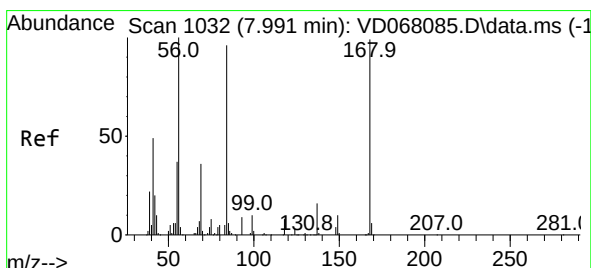
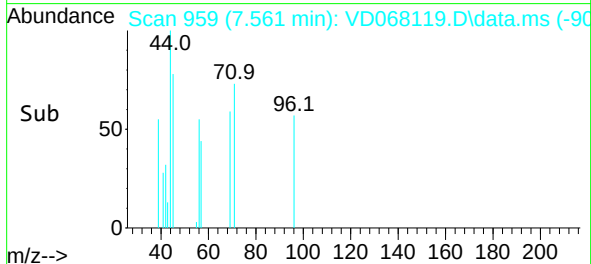
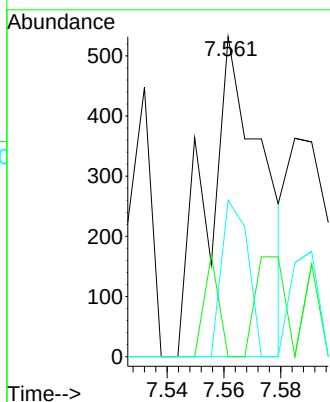


#29
Tetrahydrofuran
Concen: 1.15 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

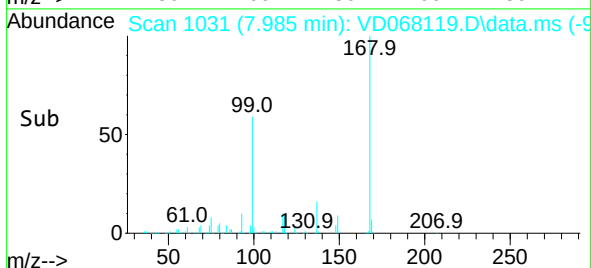
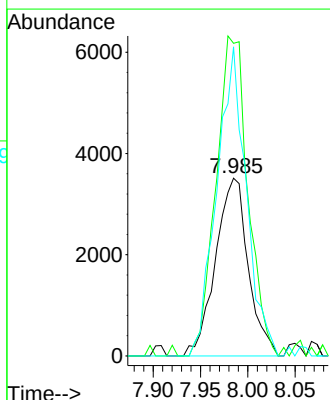
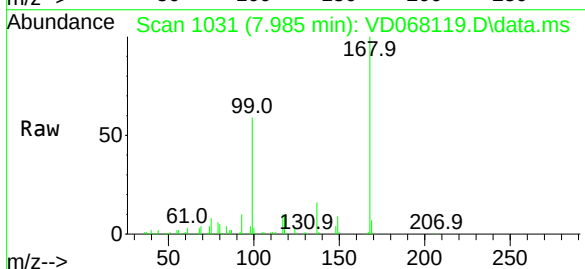


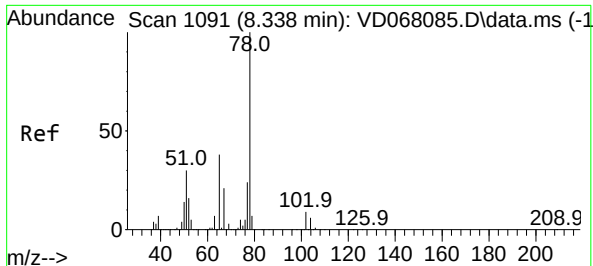
Tgt Ion: 42 Resp: 716
Ion Ratio Lower Upper
42 100
72 8.4 43.4 65.0#
71 23.5 40.8 61.2#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion: 56 Resp: 8425
Ion Ratio Lower Upper
56 100
69 175.9 30.1 45.1#
84 173.9 82.1 123.1#

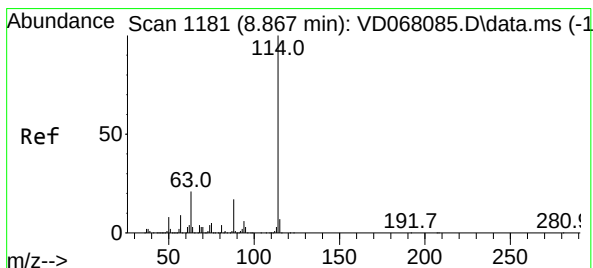
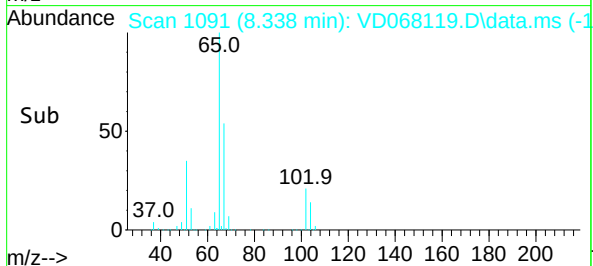
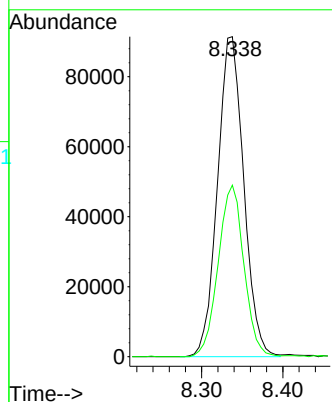
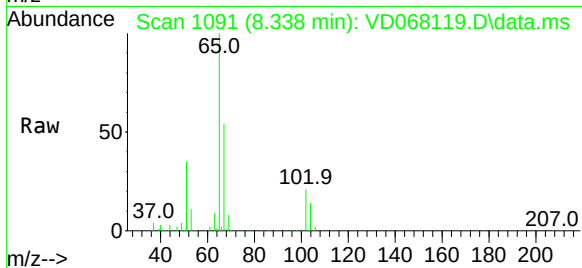




#33
1,2-Dichloroethane-d4
Concen: 57.31 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

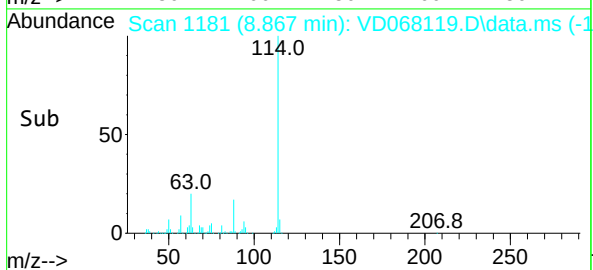
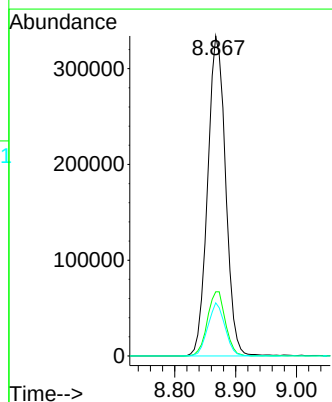
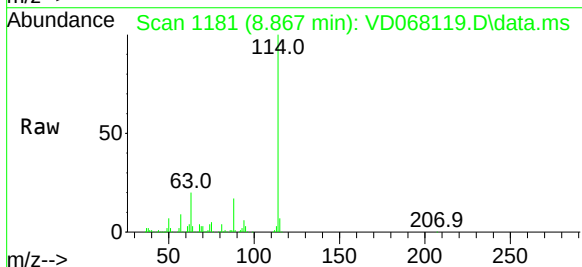
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

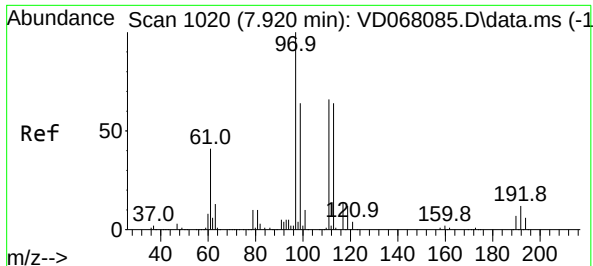
Tgt Ion: 65 Resp: 205379
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion: 114 Resp: 684939
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 16.6 0.0 31.6



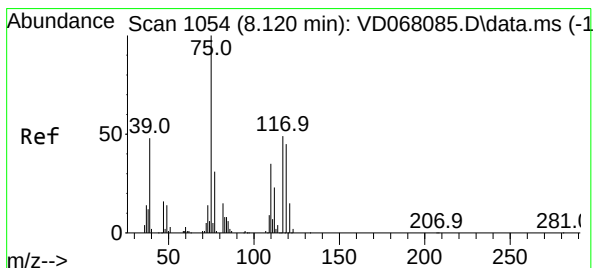
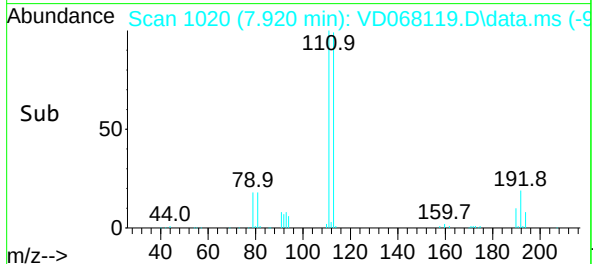
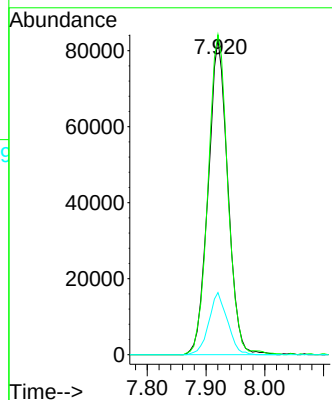
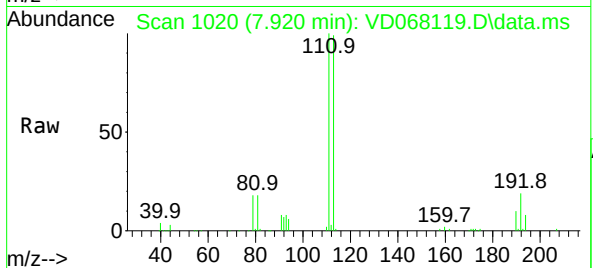


#35

Dibromofluoromethane
Concen: 50.87 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

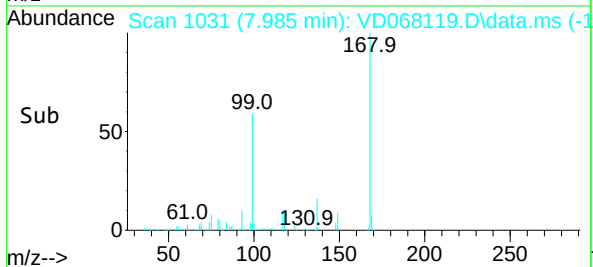
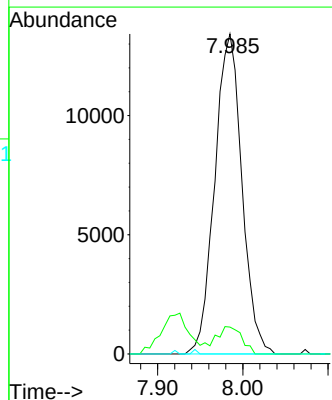
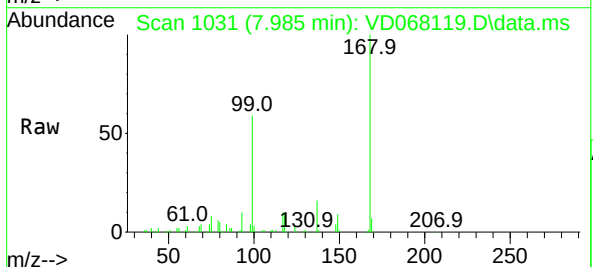
Tgt Ion:113 Resp: 192629
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.7 16.1 24.1

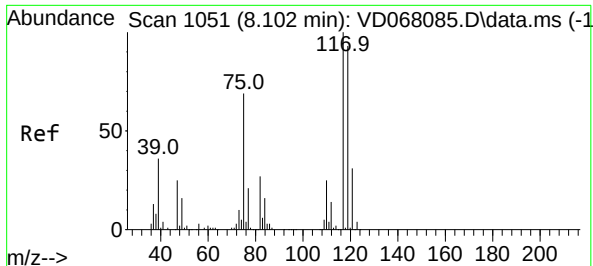


#36

1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

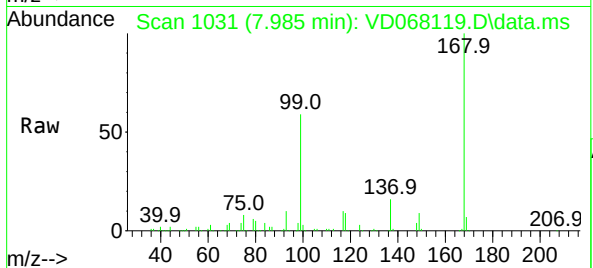
Tgt Ion: 75 Resp: 29753
Ion Ratio Lower Upper
75 100
110 7.6 19.4 58.2#
77 0.0 25.3 37.9#



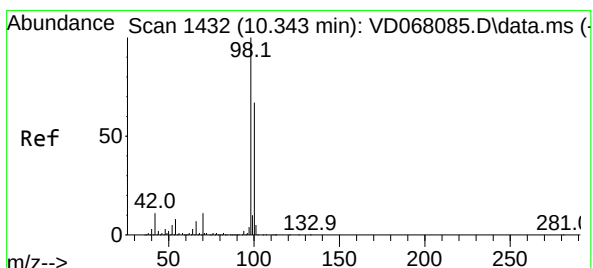
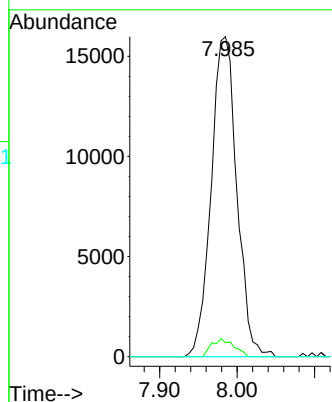
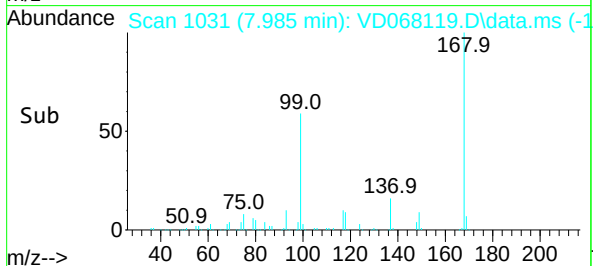


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

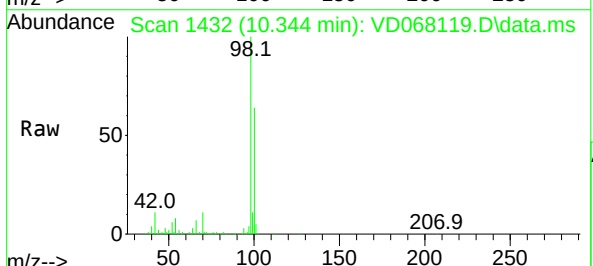
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT



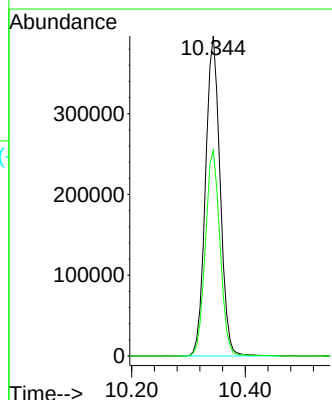
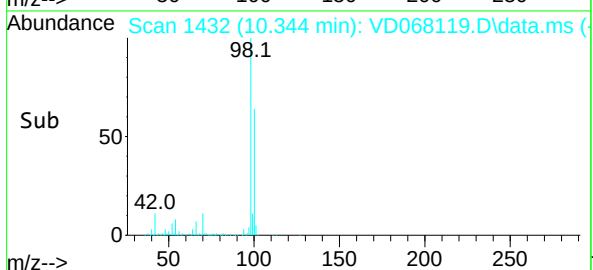
Tgt Ion:117 Resp: 36769
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#

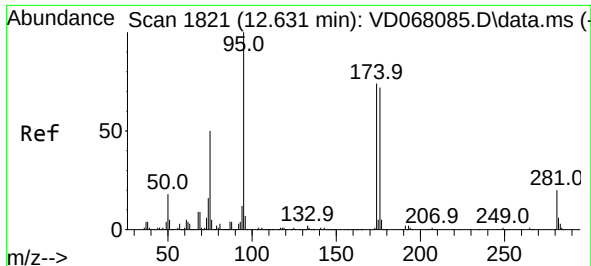


#50
Toluene-d8
Concen: 46.53 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00



Tgt Ion: 98 Resp: 704716
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

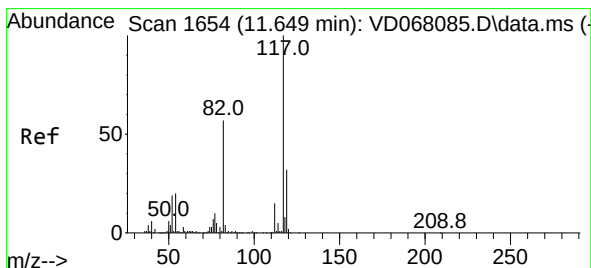
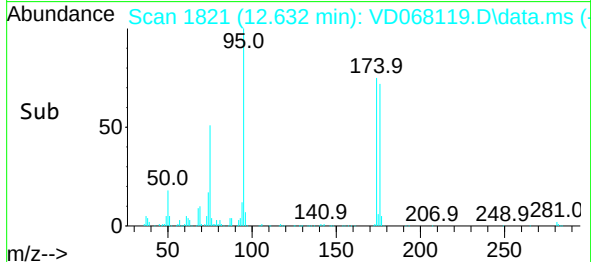
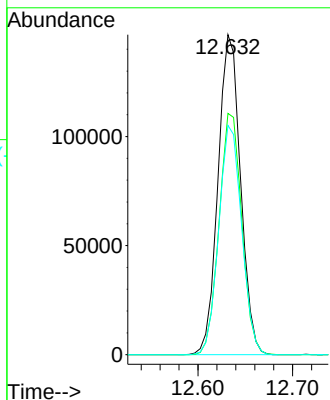
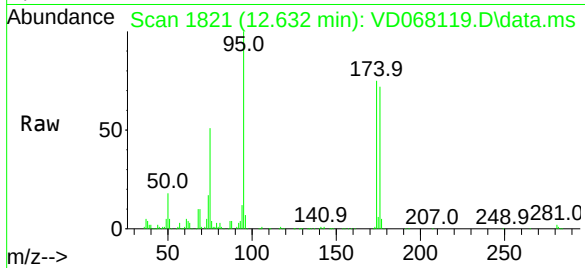




#62
4-Bromofluorobenzene
Concen: 44.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

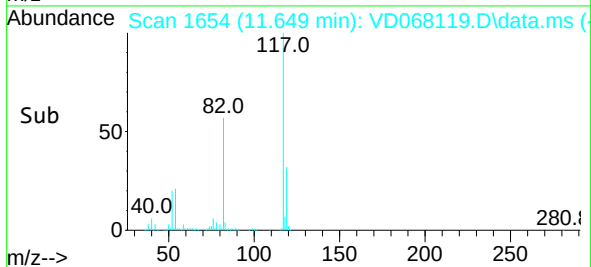
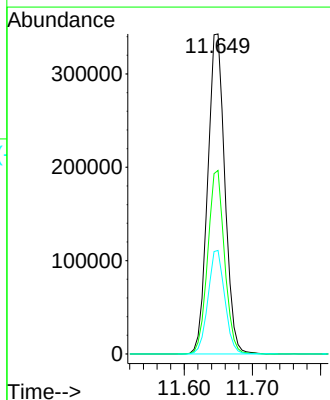
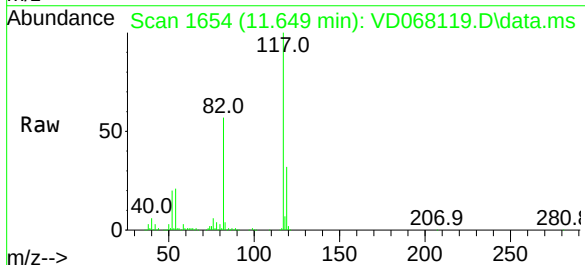
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

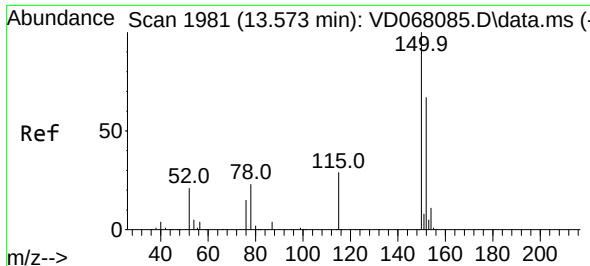
Tgt Ion: 95 Resp: 242172
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 72.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

Tgt Ion: 117 Resp: 600276
Ion Ratio Lower Upper
117 100
82 57.3 41.4 62.0
119 32.4 26.1 39.1

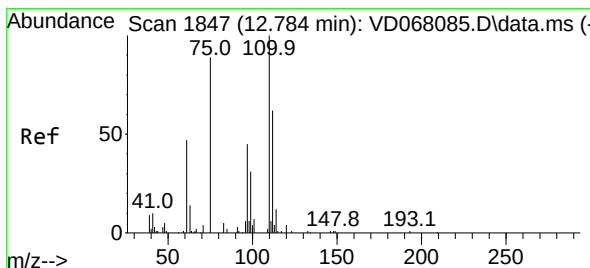
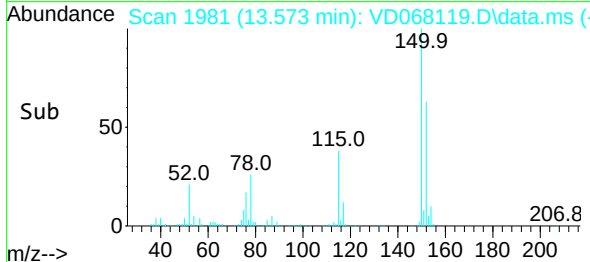
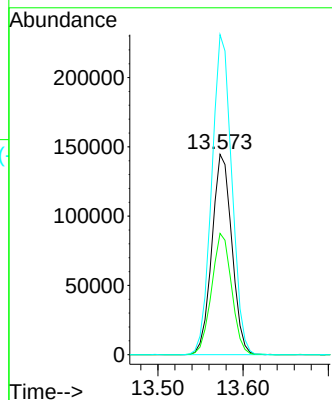
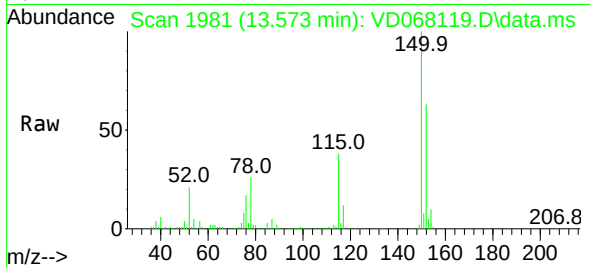




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

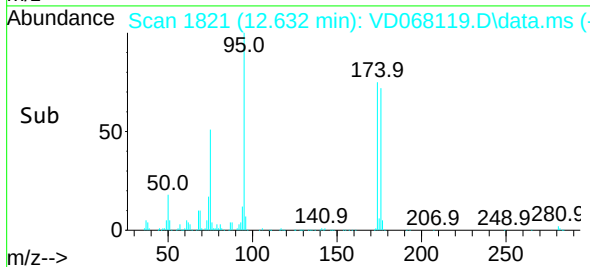
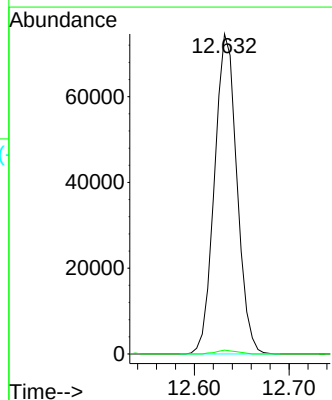
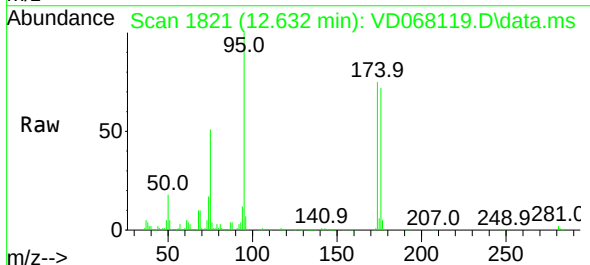
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL-RBF-LIGHT

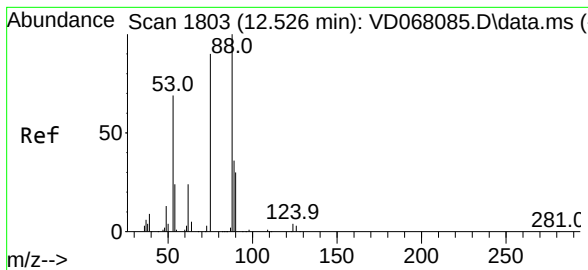
Tgt Ion:152 Resp: 235338
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.8
150 160.5 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068119.D
Acq: 20 Jan 2021 18:00

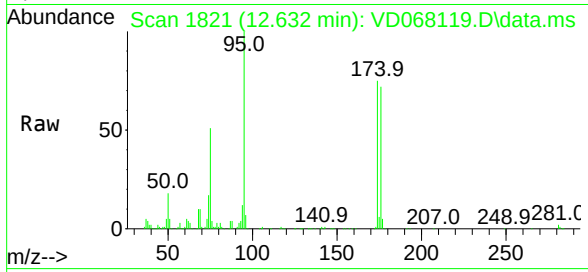
Tgt Ion: 75 Resp: 122717
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.13 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068119.D
 Acq: 20 Jan 2021 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL-RBF-LIGHT



Tgt Ion: 75 Resp: 122717
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

