

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068480.D
 Acq On : 01 Mar 2021 15:45
 Operator : VA/SY
 Sample : M1532-01
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-1

Quant Time: Mar 01 20:47:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

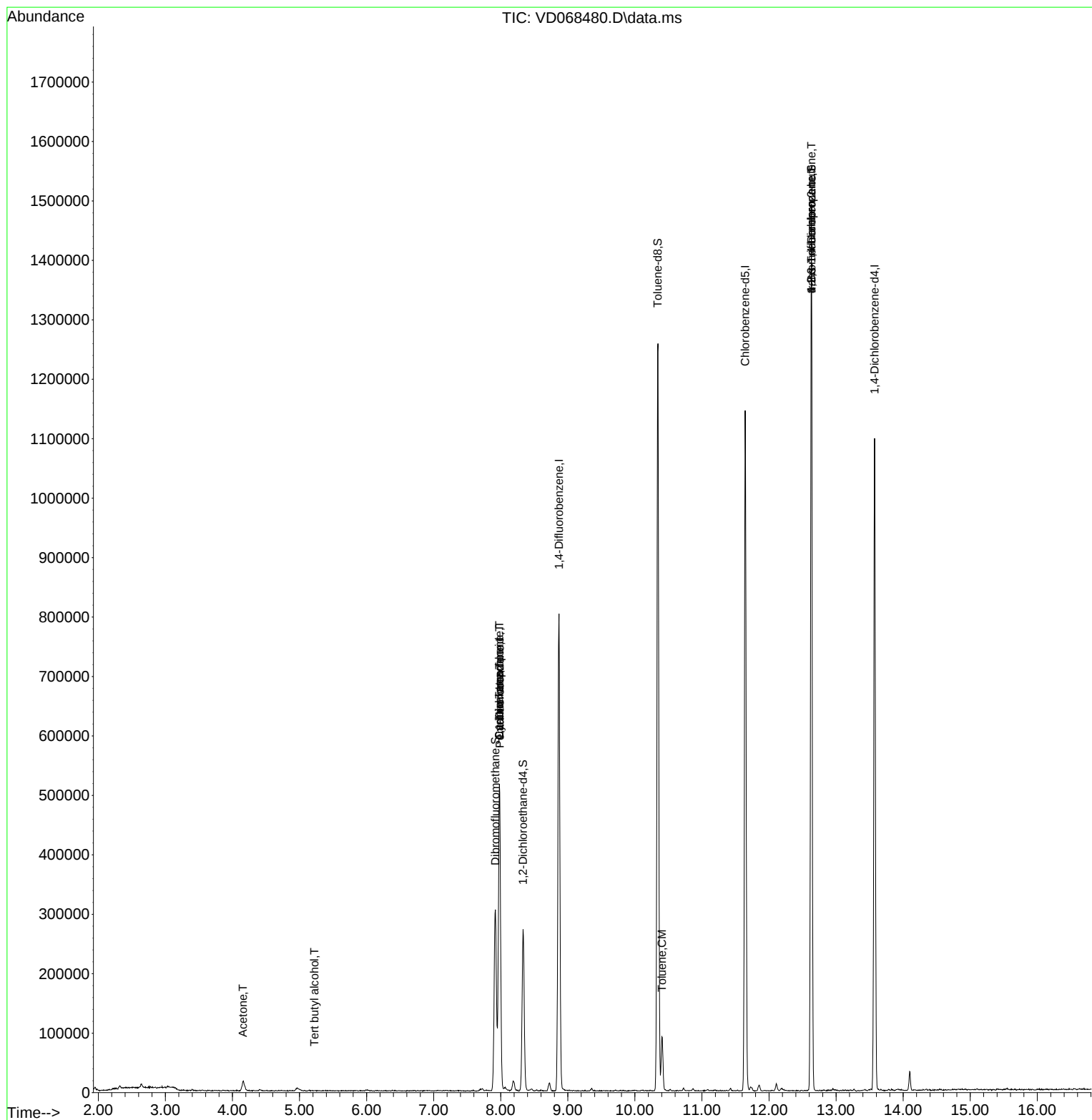
Internal Standards						
1) Pentafluorobenzene	7.985	168	394823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	728578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	680129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	300163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	211171	53.53	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.06%			
35) Dibromofluoromethane	7.920	113	226506	51.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.22%			
50) Toluene-d8	10.338	98	899468	51.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.90%			
62) 4-Bromofluorobenzene	12.632	95	297736	52.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.70%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.221	59	355	1.69	ug/l #	74
16) Acetone	4.156	43	27475	43.85	ug/l #	88
20) Methylene Chloride	4.968	84	3822	Below Cal	#	92
31) Cyclohexane	7.979	56	10508	1.46	ug/l #	41
36) 1,1-Dichloropropene	7.979	75	30432	4.39	ug/l #	47
38) Carbon Tetrachloride	7.979	117	39579	6.08	ug/l #	17
52) Toluene	10.403	92	39078	3.08	ug/l	91
76) 1,2,3-Trichloropropane	12.632	75	151140	56.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	151140	132.36	ug/l #	14

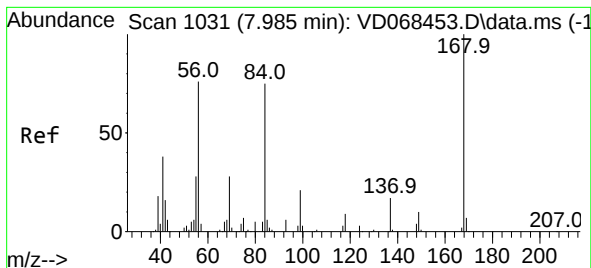
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

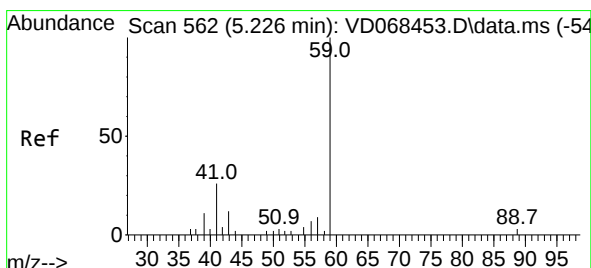
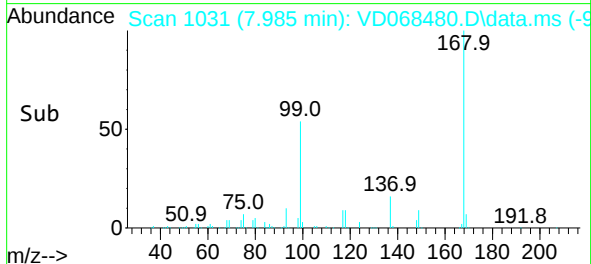
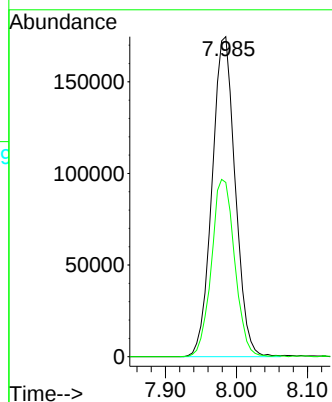
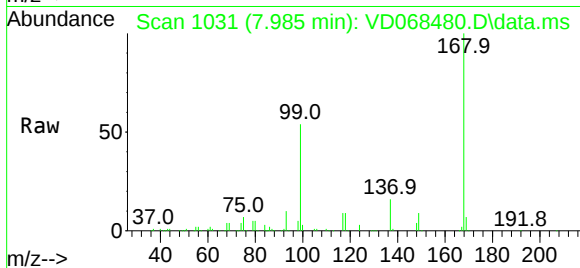




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

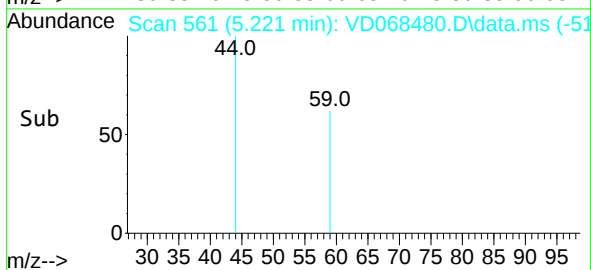
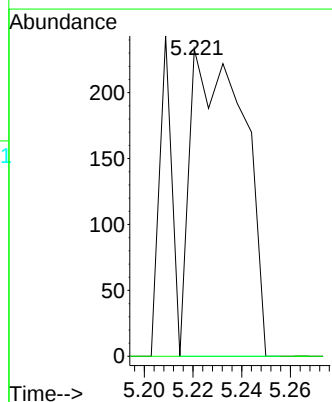
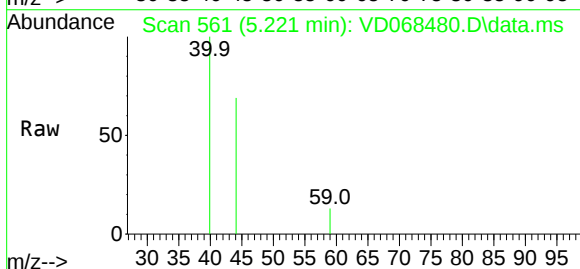
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

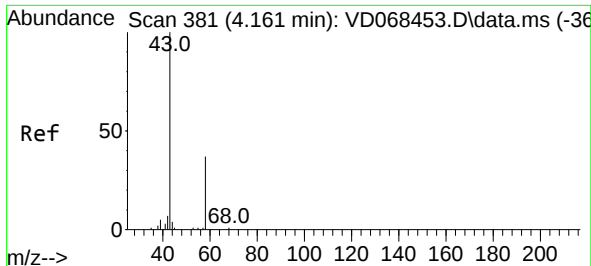
Tgt Ion:168 Resp: 394823
Ion Ratio Lower Upper
168 100
99 54.4 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.69 ug/l
RT: 5.221 min Scan# 561
Delta R.T. -0.005 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

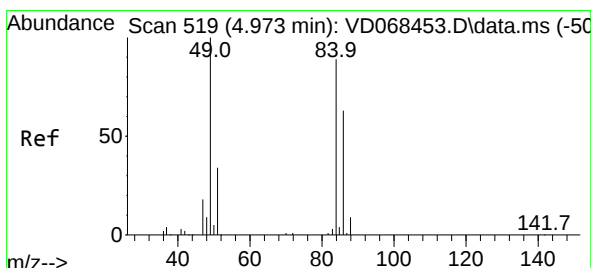
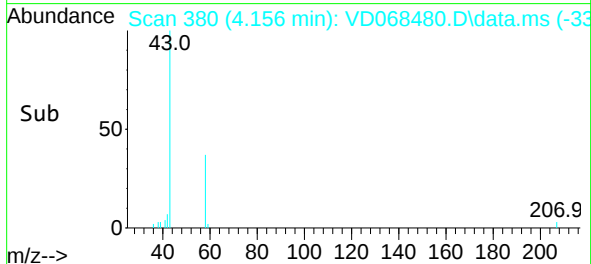
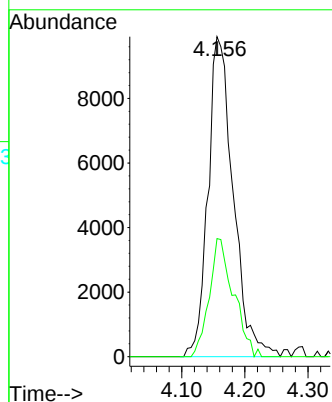
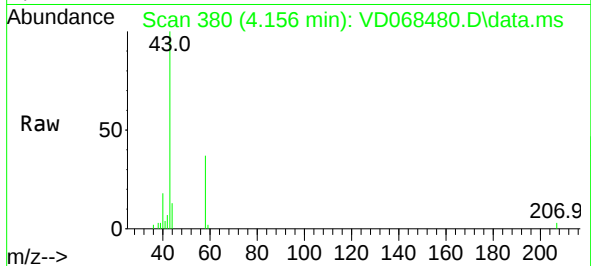




#16
Acetone
Concen: 43.85 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

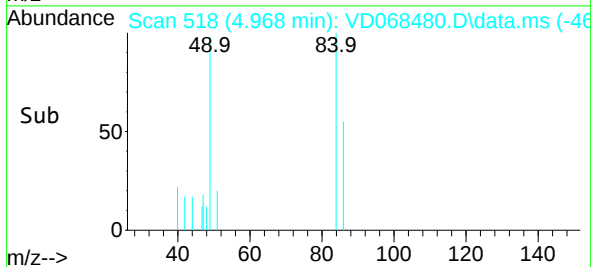
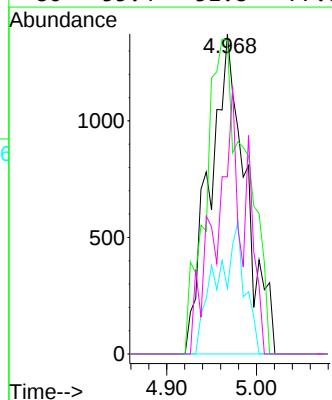
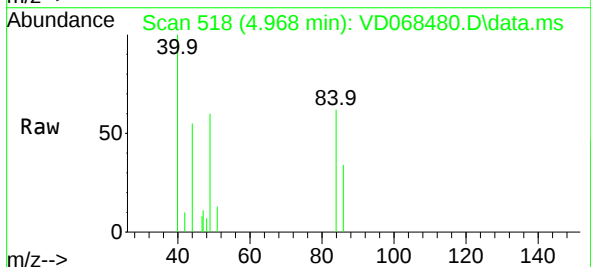
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

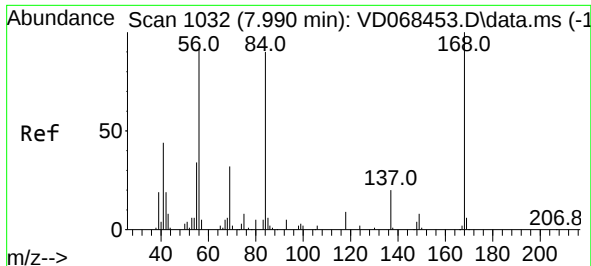
Tgt Ion: 43 Resp: 27475
Ion Ratio Lower Upper
43 100
58 36.9 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

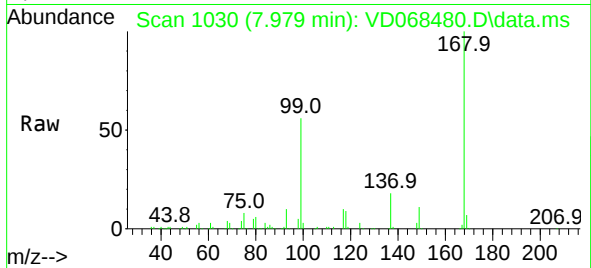
Tgt Ion: 84 Resp: 3822
Ion Ratio Lower Upper
84 100
49 97.9 77.4 116.2
51 20.5 26.1 39.1#
86 55.4 51.8 77.8



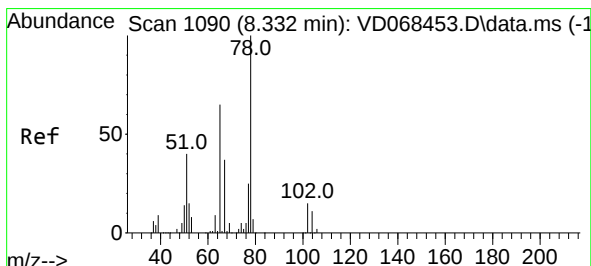
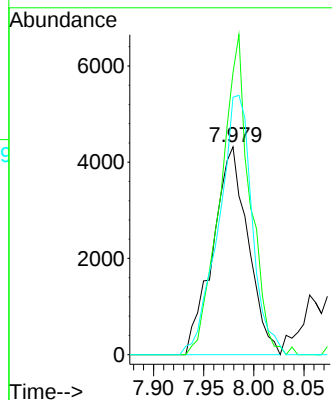
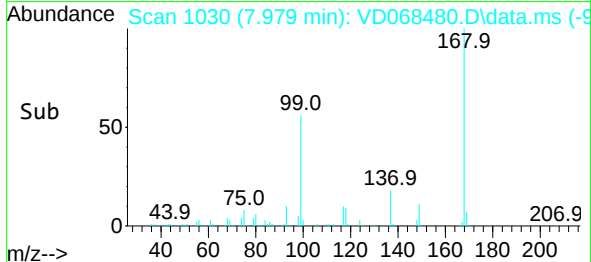


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

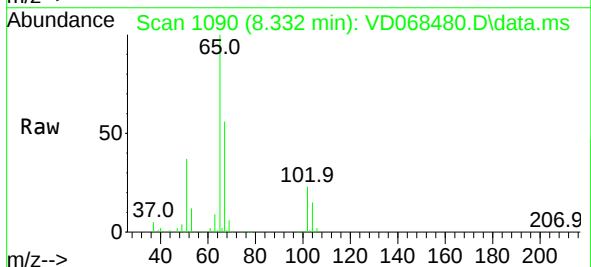
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1



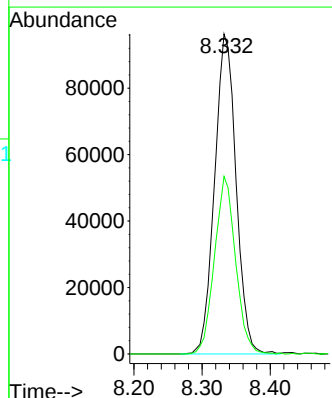
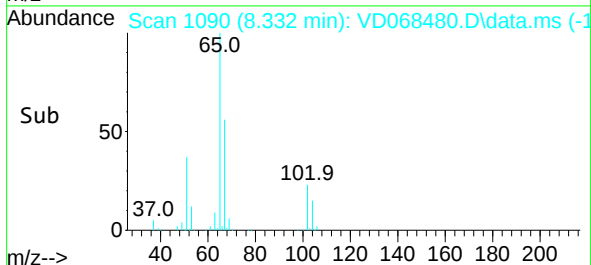
Tgt Ion: 56 Resp: 10508
Ion Ratio Lower Upper
56 100
69 135.7 30.1 45.1#
84 123.9 82.1 123.1#

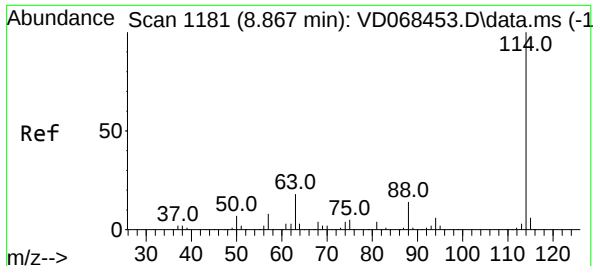


#33
1,2-Dichloroethane-d4
Concen: 53.53 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45



Tgt Ion: 65 Resp: 211171
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0

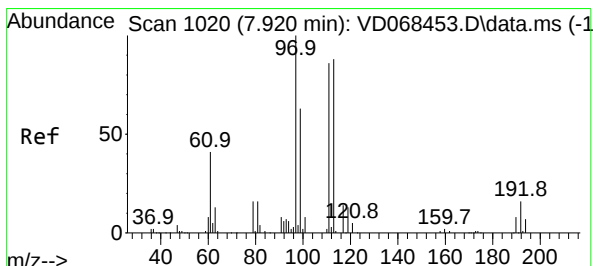
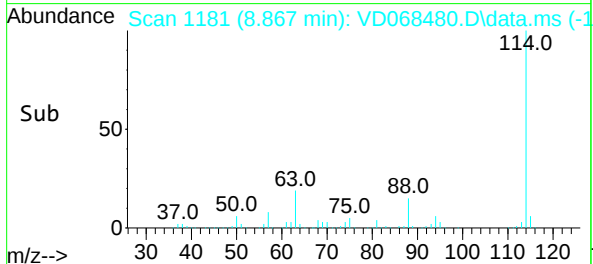
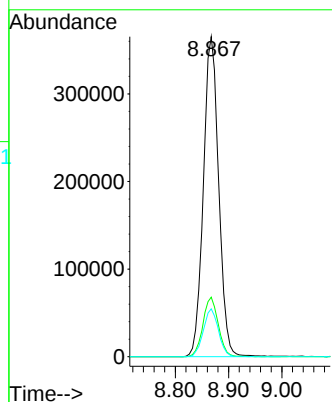
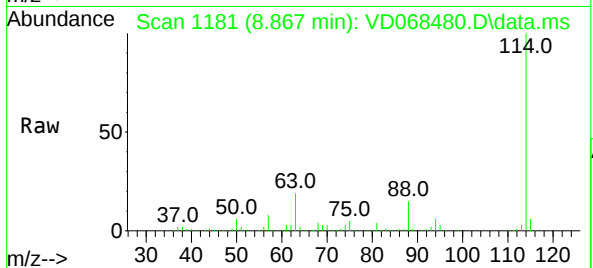




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

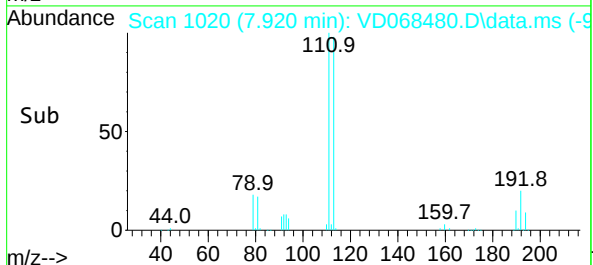
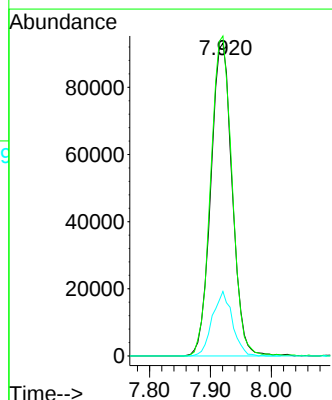
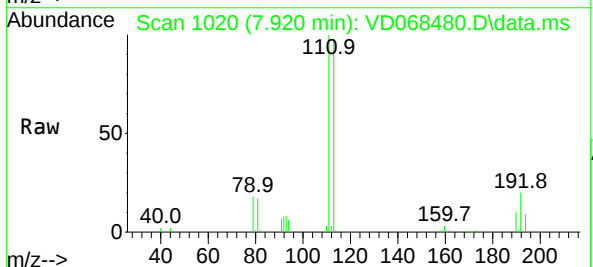
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

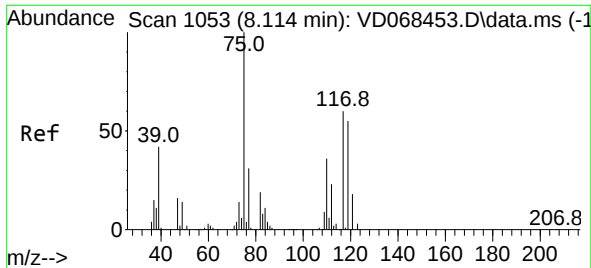
Tgt Ion:114 Resp: 728578
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

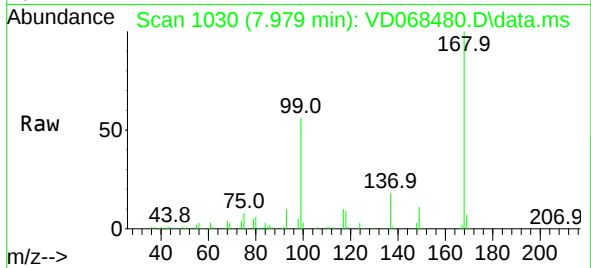
Tgt Ion:113 Resp: 226506
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 19.4 16.1 24.1



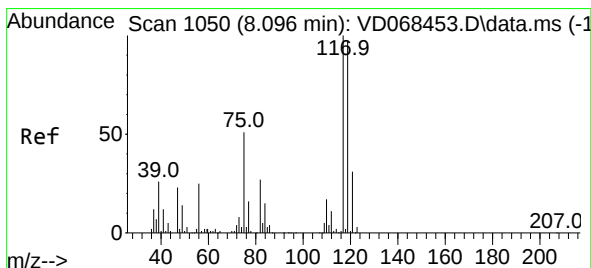
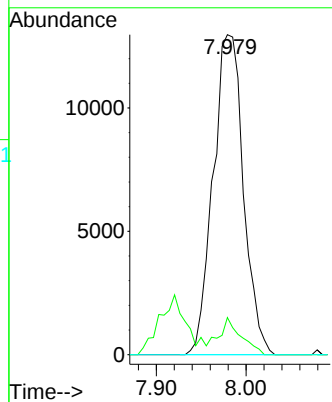
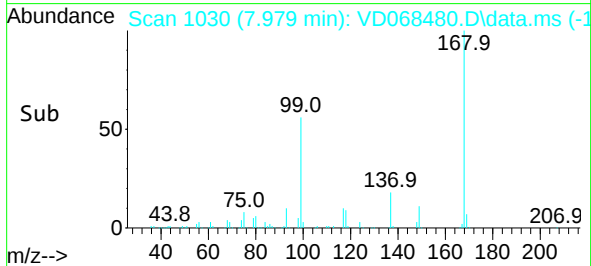


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

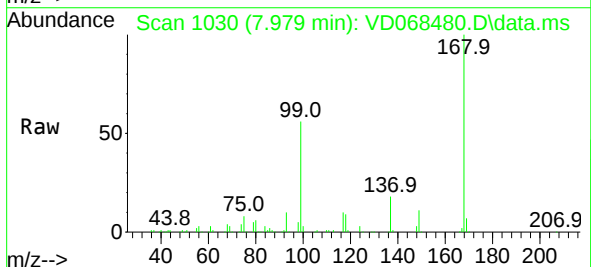
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1



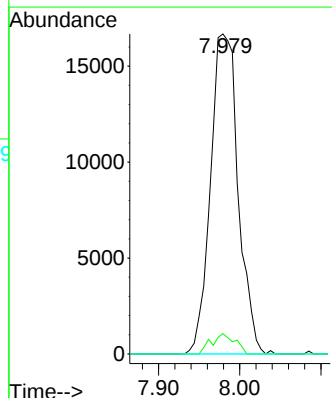
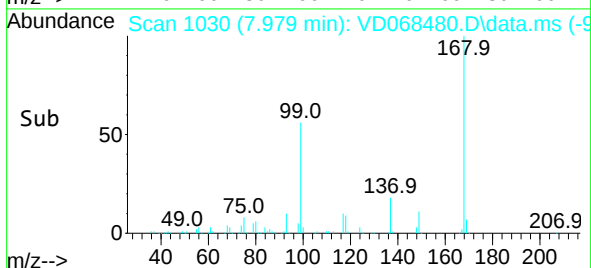
Tgt Ion: 75 Resp: 30432
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#

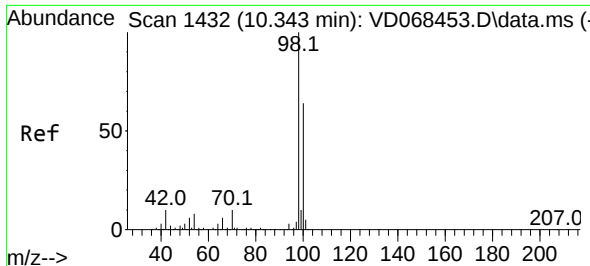


#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45



Tgt Ion: 117 Resp: 39579
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.7 37.1#

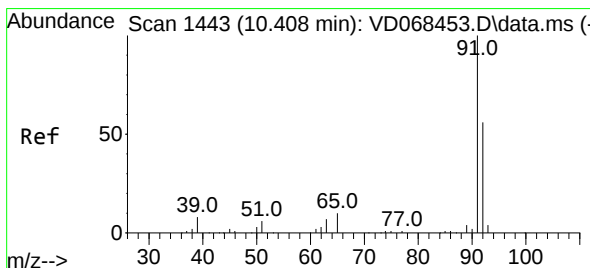
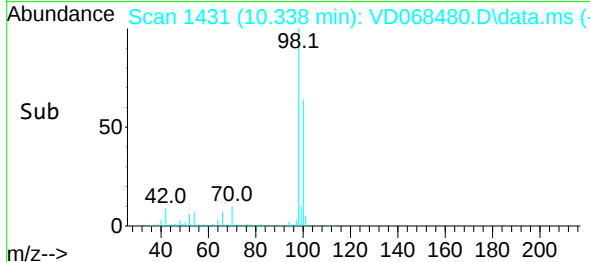
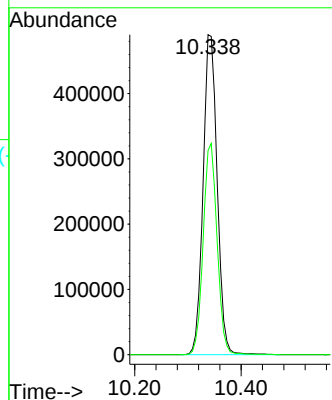
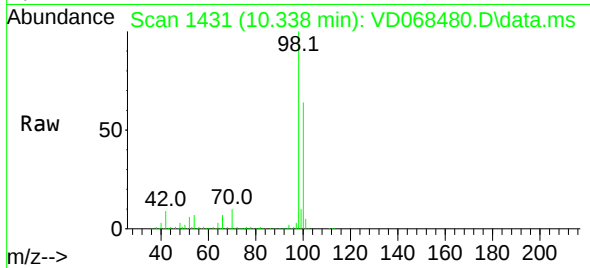




#50
Toluene-d8
Concen: 51.45 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

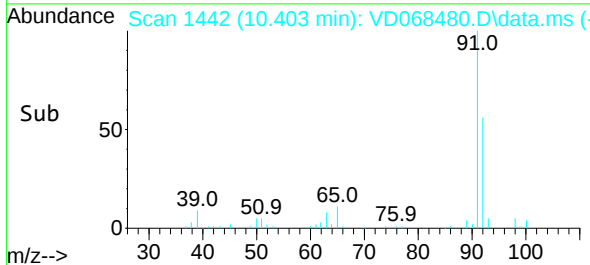
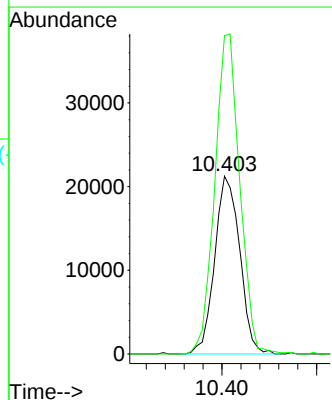
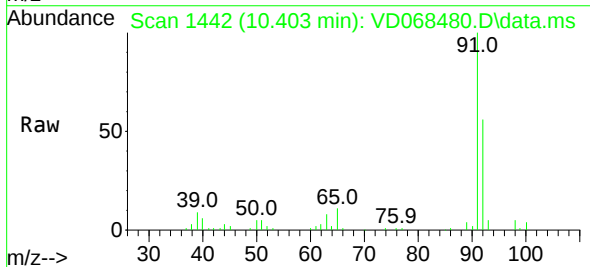
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ClientSampleId :
SOIL-SAMPLE-S-1

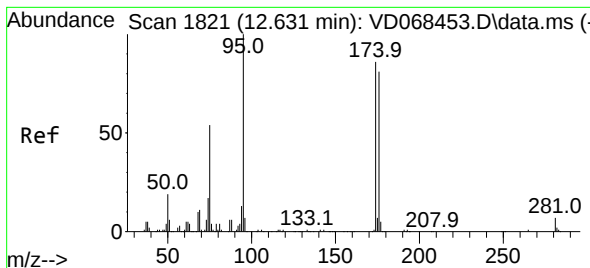
Tgt Ion: 98 Resp: 899468
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#52
Toluene
Concen: 3.08 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

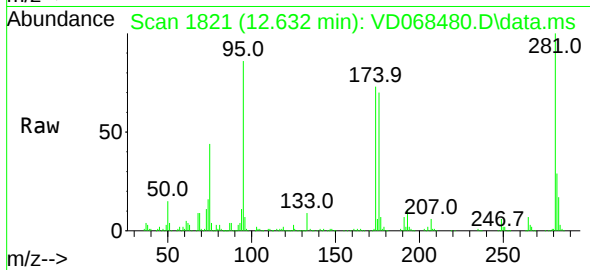
Tgt Ion: 92 Resp: 39078
Ion Ratio Lower Upper
92 100
91 179.5 134.1 201.1



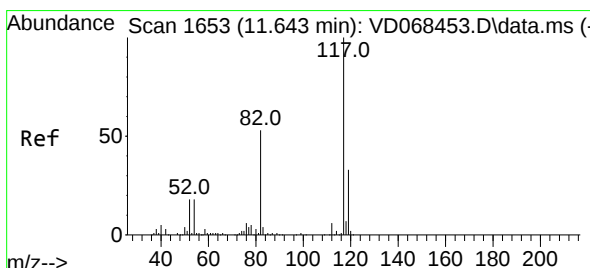
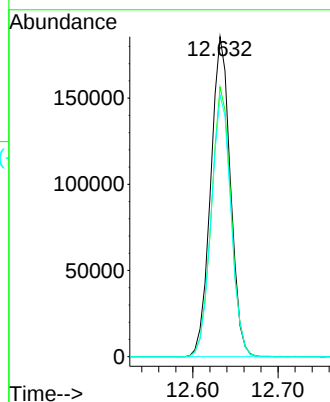
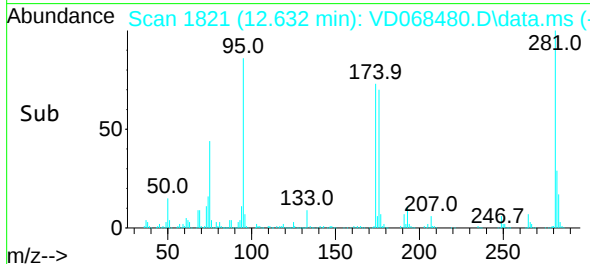


#62
4-Bromofluorobenzene
Concen: 52.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

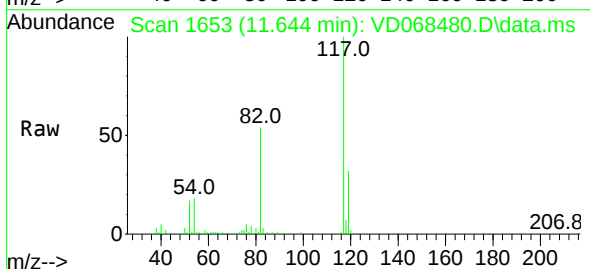
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1



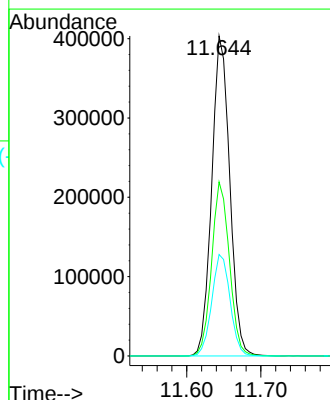
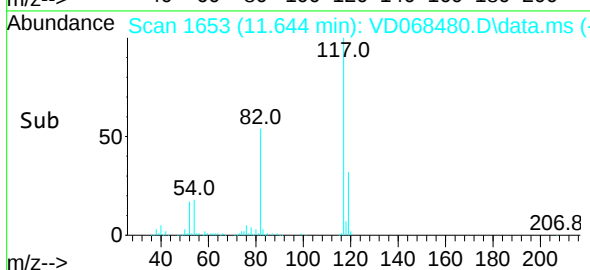
Tgt Ion: 95 Resp: 297736
Ion Ratio Lower Upper
95 100
174 84.3 0.0 172.4
176 82.0 0.0 168.4

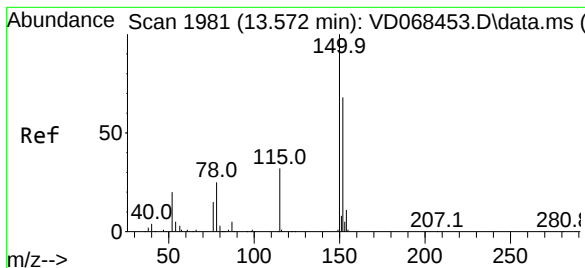


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45



Tgt Ion: 117 Resp: 680129
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 31.7 26.1 39.1

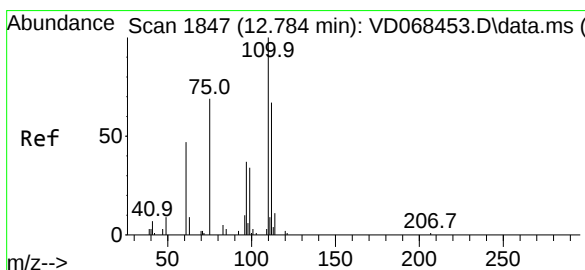
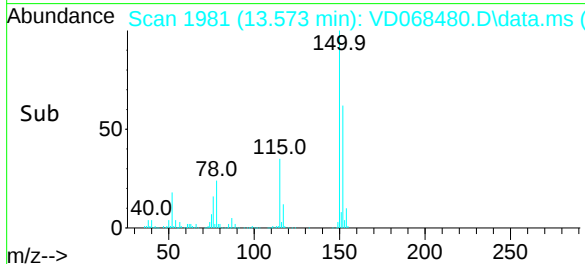
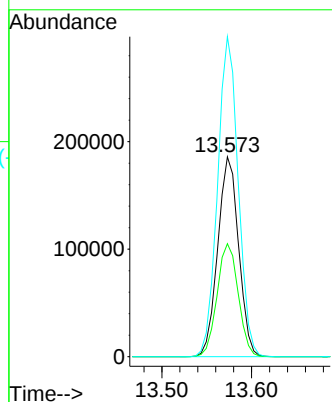
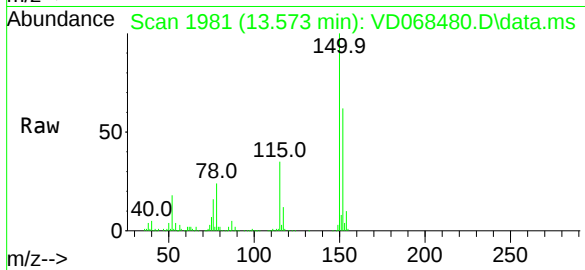




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

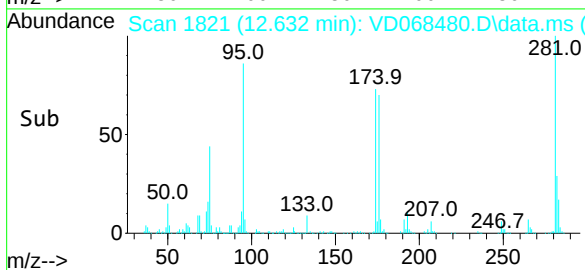
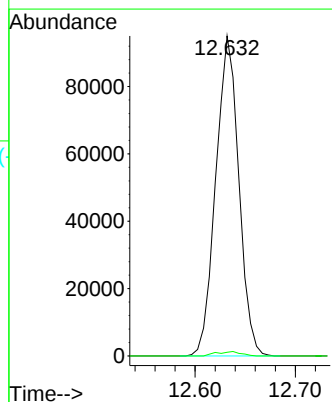
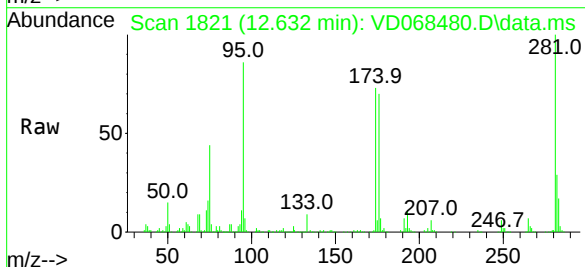
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

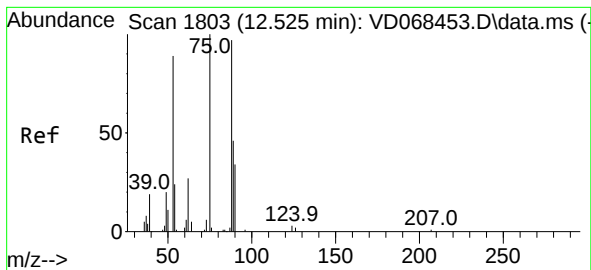
Tgt Ion:152 Resp: 300163
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 158.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 56.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068480.D
Acq: 01 Mar 2021 15:45

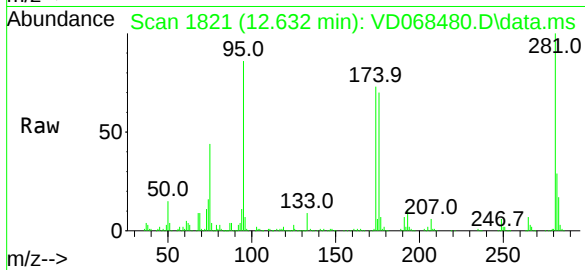
Tgt Ion: 75 Resp: 151140
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.36 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068480.D
 Acq: 01 Mar 2021 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-1



Tgt Ion: 75 Resp: 151140
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 1.2 40.3 60.5#

