

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068481.D
 Acq On : 01 Mar 2021 16:14
 Operator : VA/SY
 Sample : M1532-02
 Misc : 6.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-2

Quant Time: Mar 01 20:48:04 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)

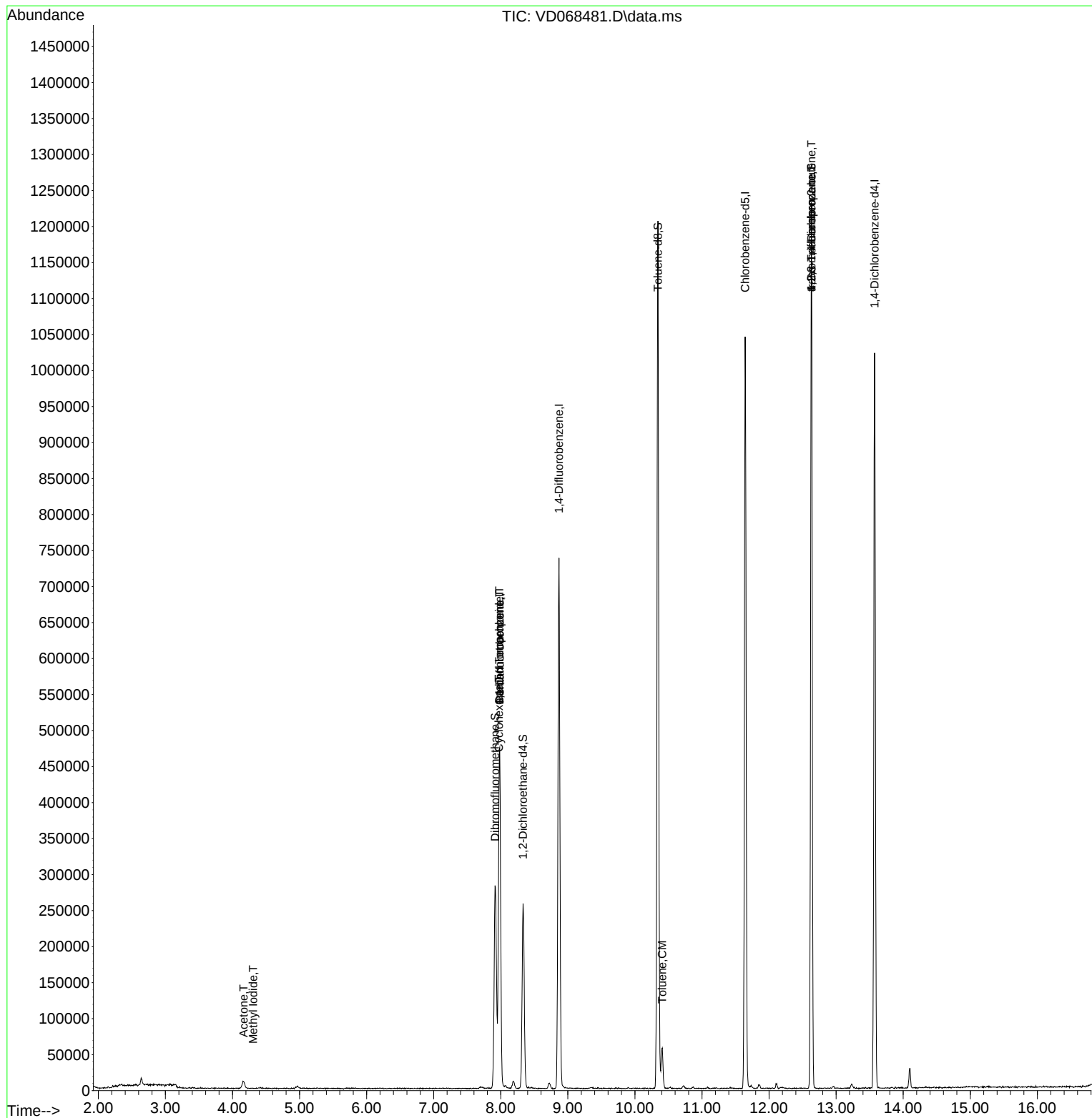
Internal Standards						
1) Pentafluorobenzene	7.985	168	370965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	668287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	634542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204533	55.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.36%			
35) Dibromofluoromethane	7.914	113	208955	51.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.80%			
50) Toluene-d8	10.343	98	845619	52.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.48%			
62) 4-Bromofluorobenzene	12.631	95	275431	53.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.60%			
Target Compounds						Qvalue
10) Methyl Iodide	4.308	142	98	2.64	ug/l #	38
16) Acetone	4.167	43	18205	30.92	ug/l #	83
20) Methylene Chloride	4.973	84	2449	Below Cal	#	78
31) Cyclohexane	7.973	56	9631	1.43	ug/l #	44
36) 1,1-Dichloropropene	7.979	75	27918	4.39	ug/l #	48
38) Carbon Tetrachloride	7.979	117	36177	6.06	ug/l #	14
52) Toluene	10.408	92	24164	2.08	ug/l	94
76) 1,2,3-Trichloropropane	12.631	75	139646	54.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	139646	126.50	ug/l #	14

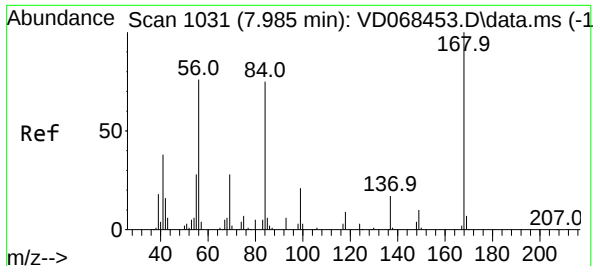
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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SOIL-SAMPLE-S-2

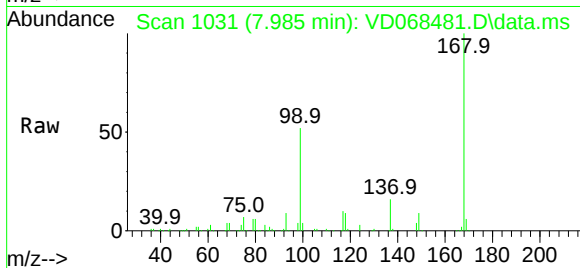
Quant Time: Mar 01 20:48:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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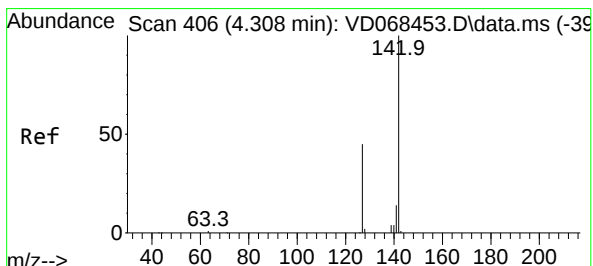
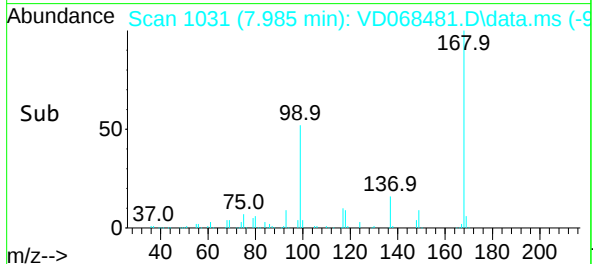
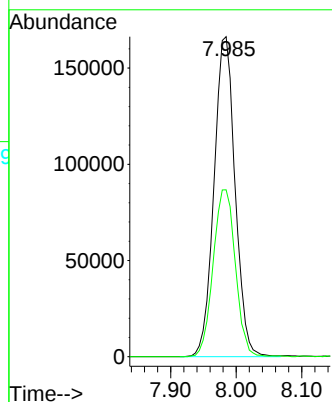


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

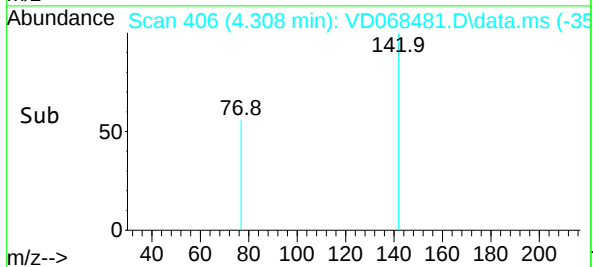
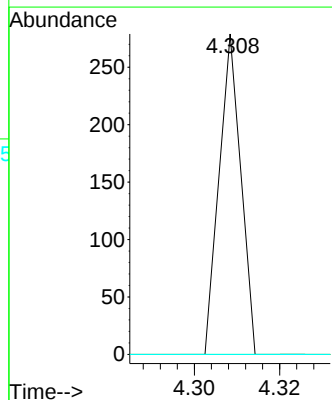
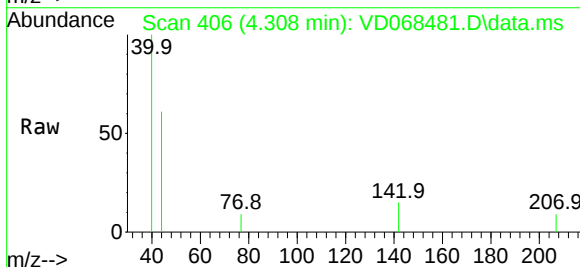


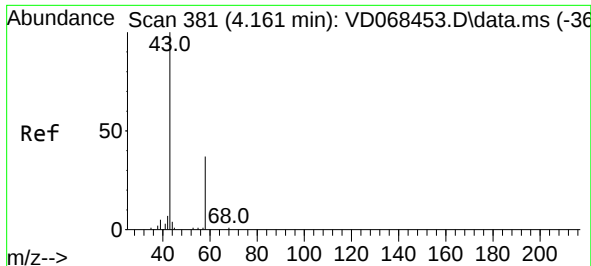
Tgt Ion:168 Resp: 370965
Ion Ratio Lower Upper
168 100
99 52.2 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Tgt Ion:142 Resp: 98
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

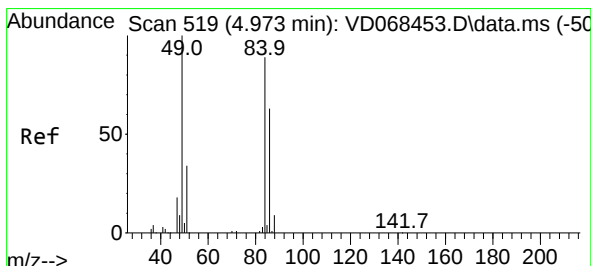
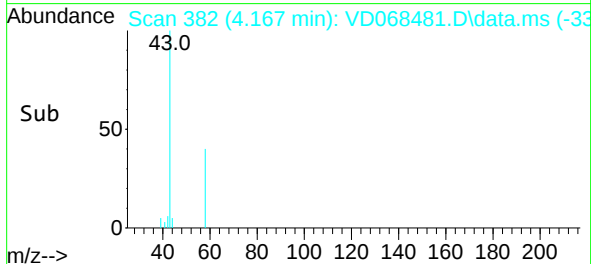
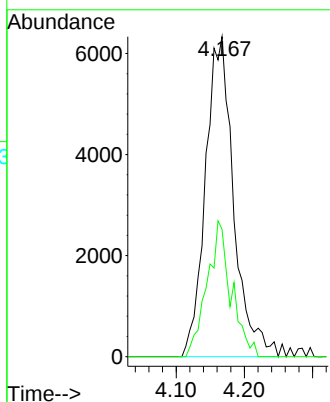
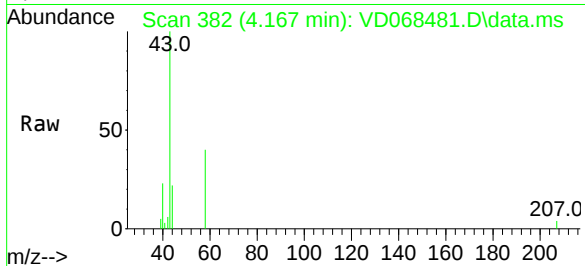




#16
Acetone
Concen: 30.92 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

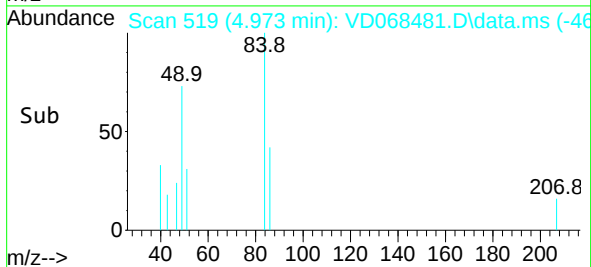
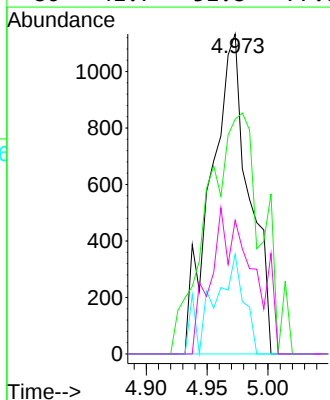
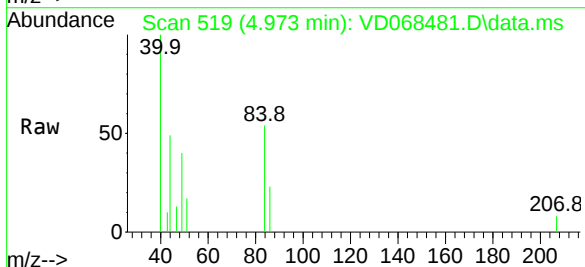
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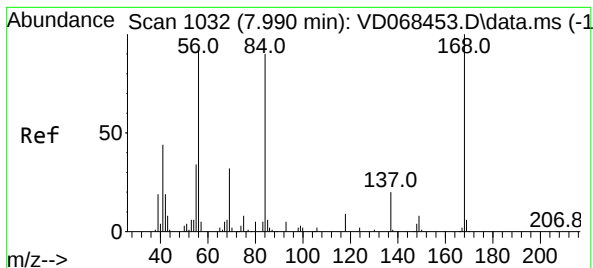
Tgt Ion: 43 Resp: 18205
Ion Ratio Lower Upper
43 100
58 39.8 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

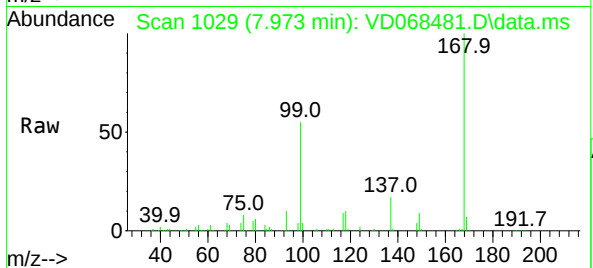
Tgt Ion: 84 Resp: 2449
Ion Ratio Lower Upper
84 100
49 73.3 77.4 116.2#
51 31.2 26.1 39.1
86 41.7 51.8 77.8#



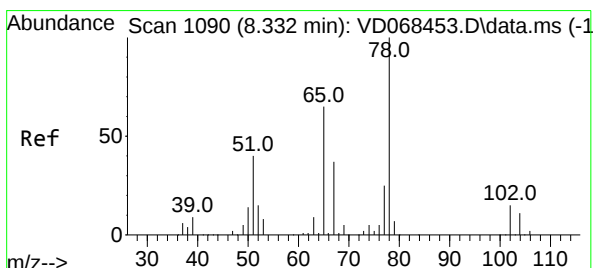
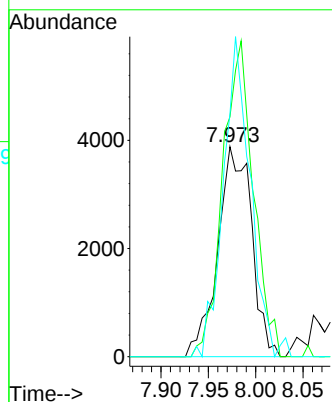
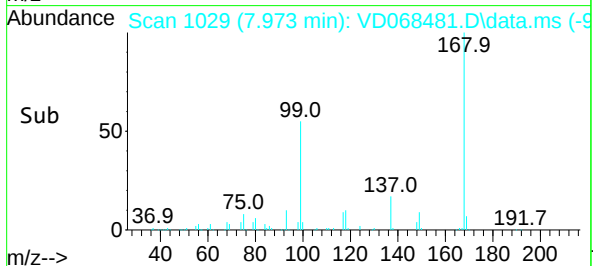


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

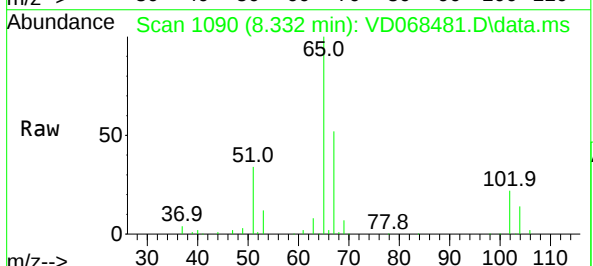
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2



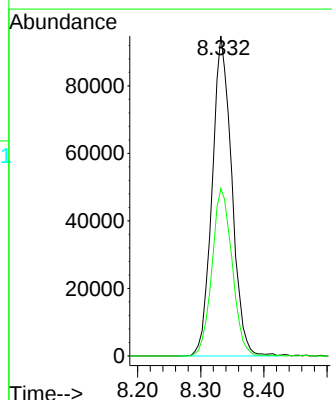
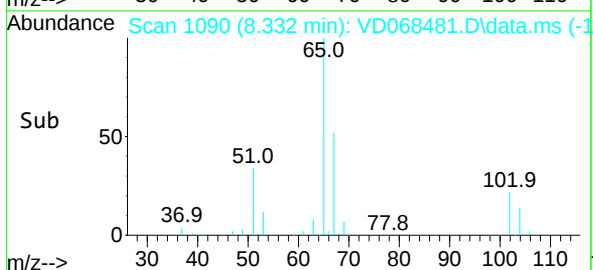
Tgt Ion: 56 Resp: 9631
Ion Ratio Lower Upper
56 100
69 114.2 30.1 45.1#
84 133.3 82.1 123.1#

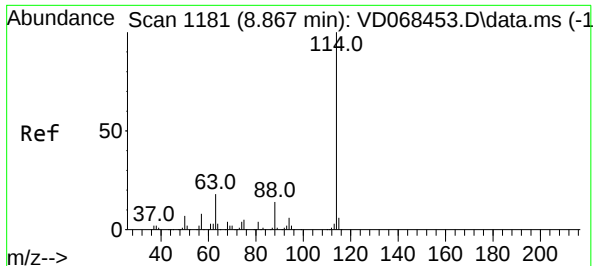


#33
1,2-Dichloroethane-d4
Concen: 55.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14



Tgt Ion: 65 Resp: 204533
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

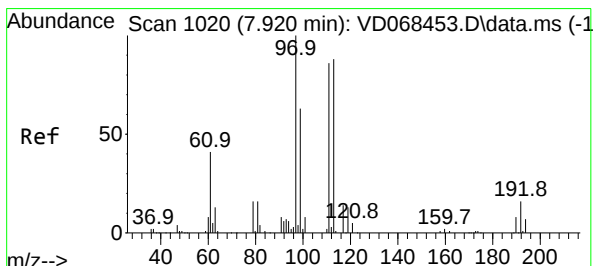
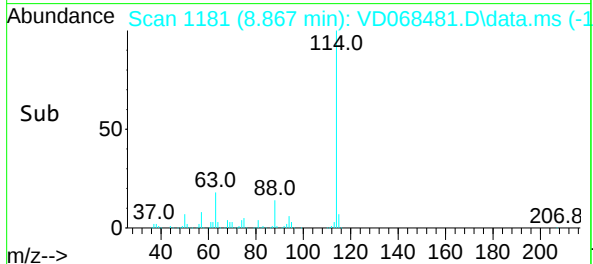
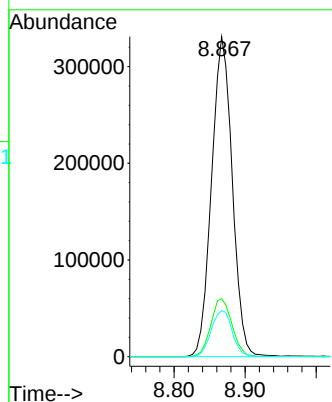
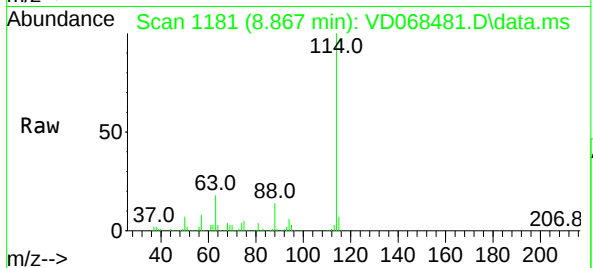




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

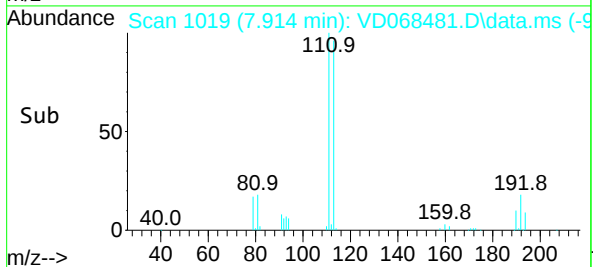
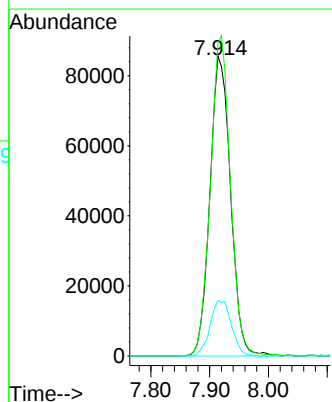
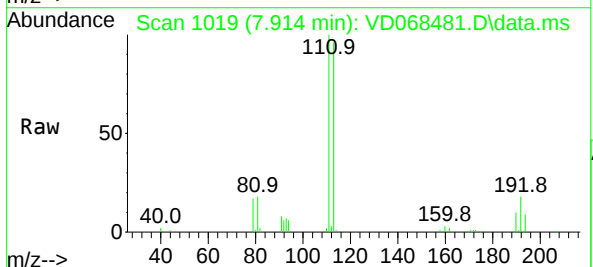
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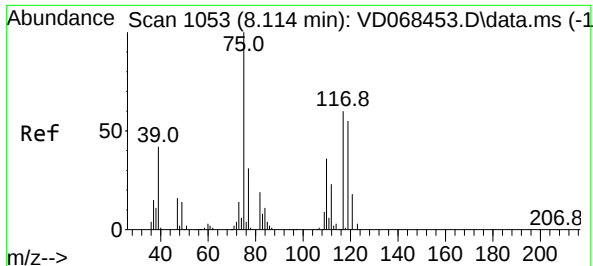
Tgt Ion:114 Resp: 668287
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 14.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.90 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Tgt Ion:113 Resp: 208955
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.1 16.1 24.1

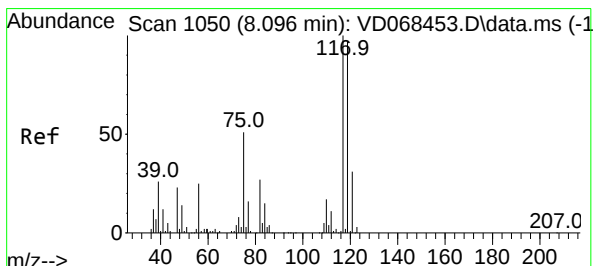
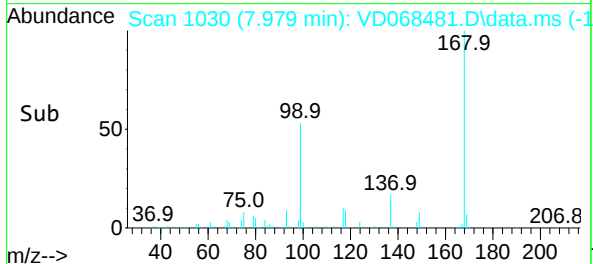
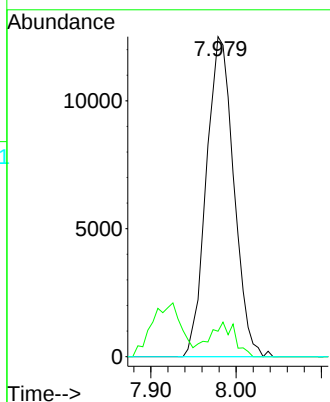
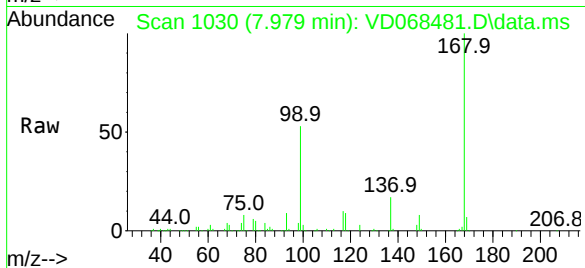




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

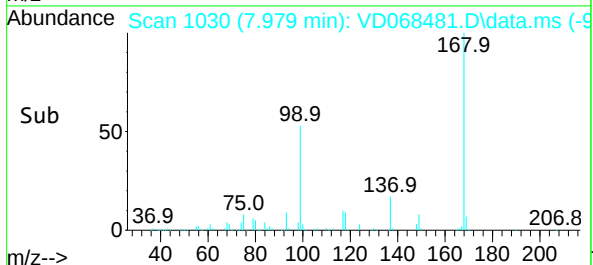
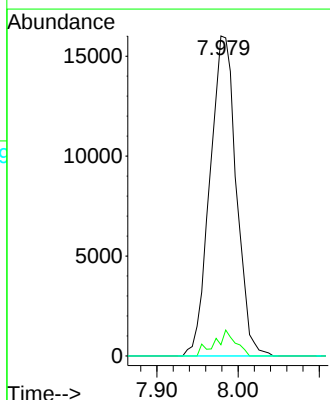
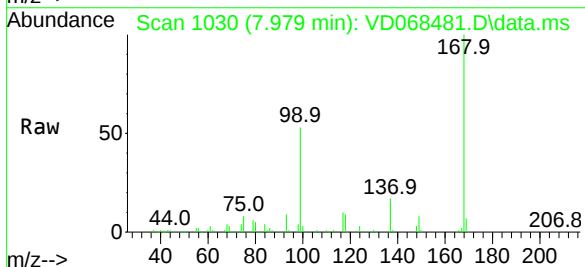
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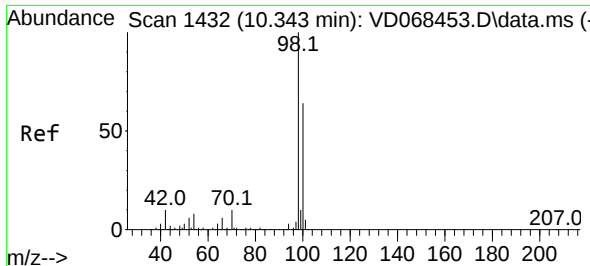
Tgt Ion: 75 Resp: 27918
Ion Ratio Lower Upper
75 100
110 9.6 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Tgt Ion: 117 Resp: 36177
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#

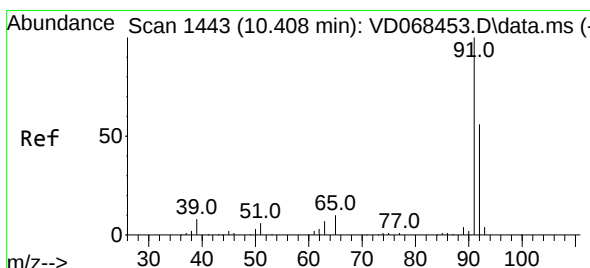
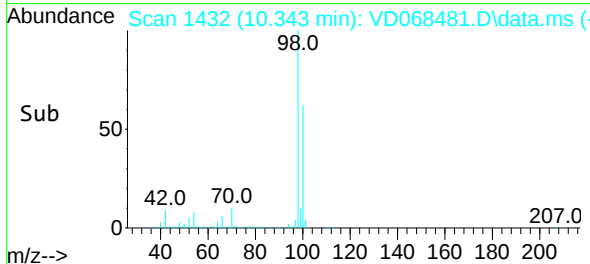
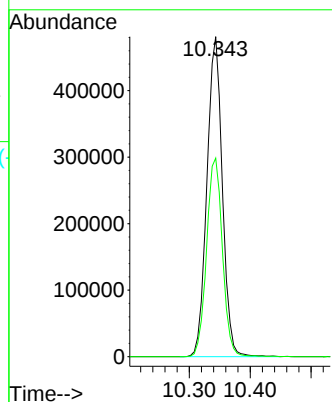
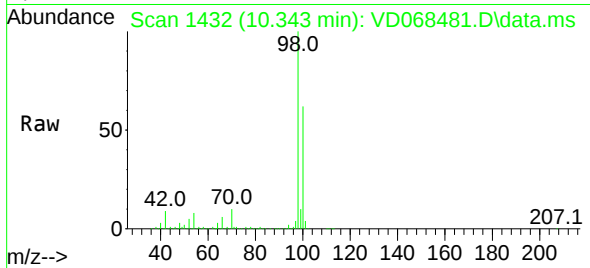




#50
Toluene-d8
Concen: 52.74 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

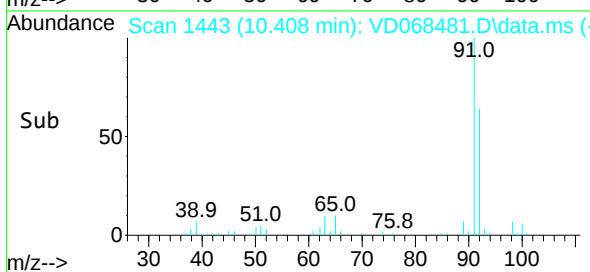
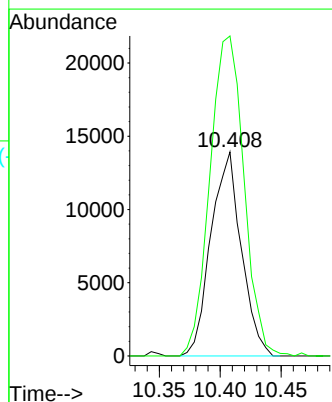
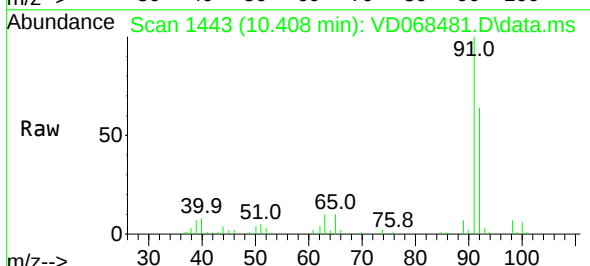
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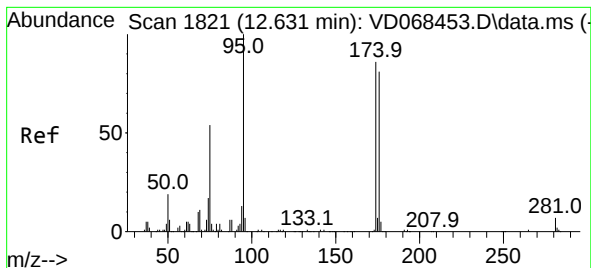
Tgt Ion: 98 Resp: 845619
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4



#52
Toluene
Concen: 2.08 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Tgt Ion: 92 Resp: 24164
Ion Ratio Lower Upper
92 100
91 175.7 134.1 201.1

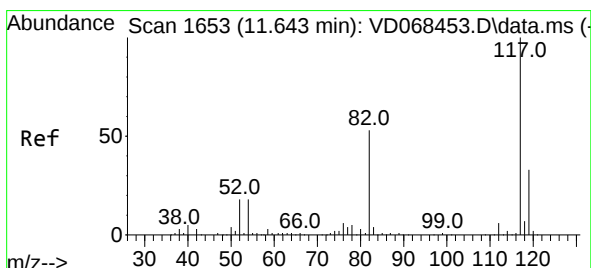
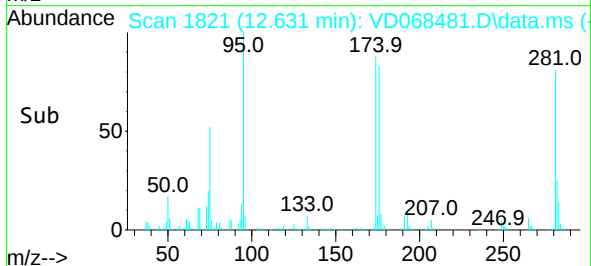
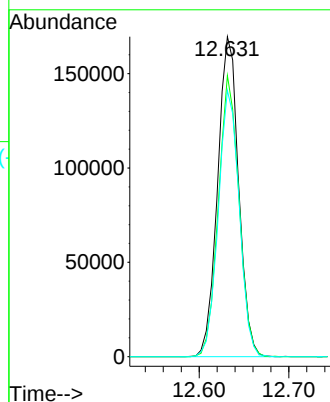
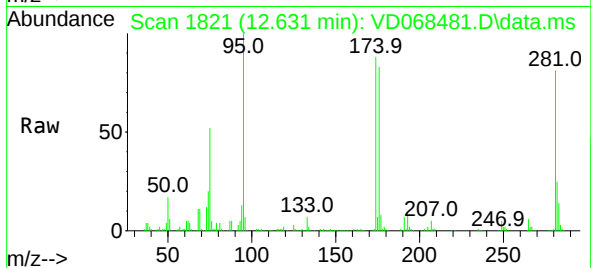




#62
4-Bromofluorobenzene
Concen: 53.30 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

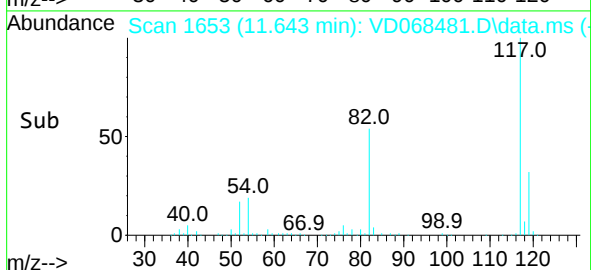
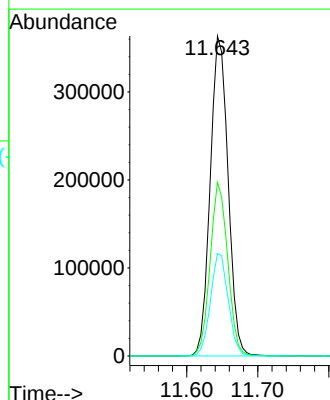
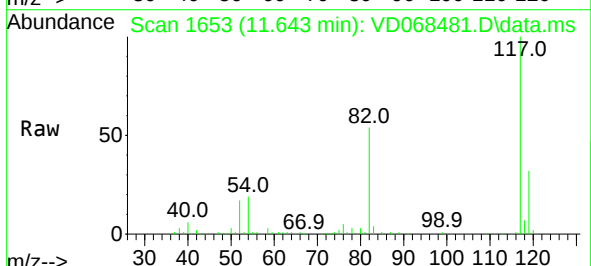
Instrument :
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SOIL-SAMPLE-S-2

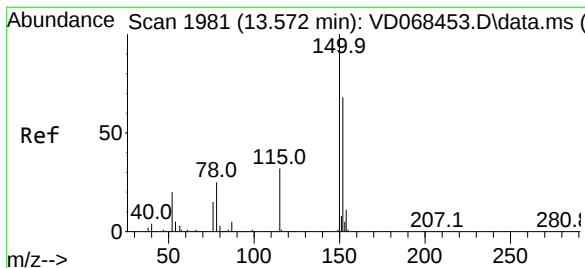
Tgt Ion: 95 Resp: 275431
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.4
176 82.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

Tgt Ion: 117 Resp: 634542
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 32.0 26.1 39.1

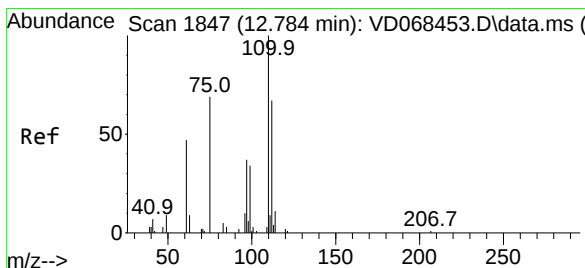
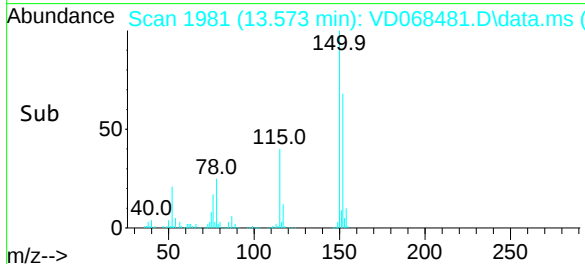
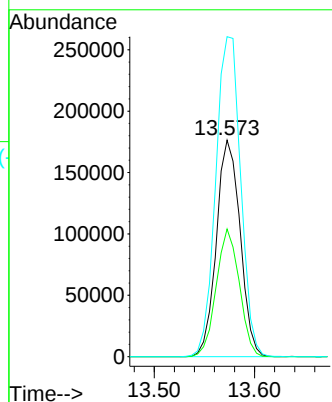
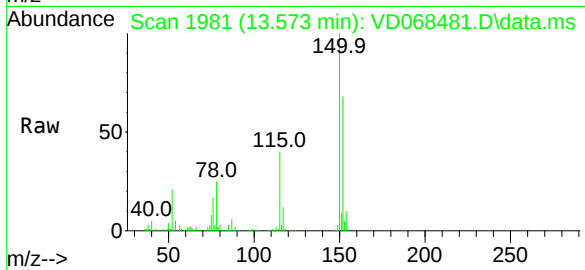




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

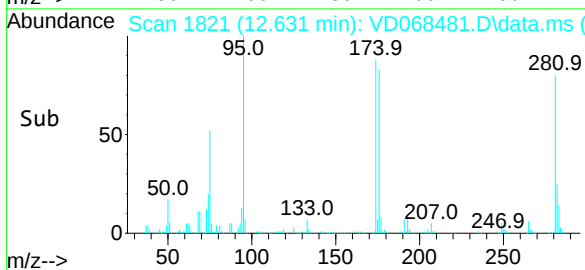
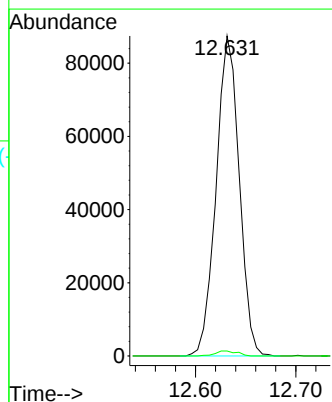
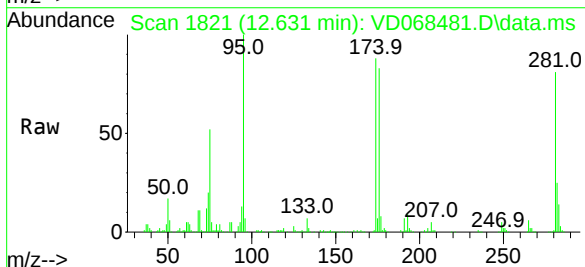
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

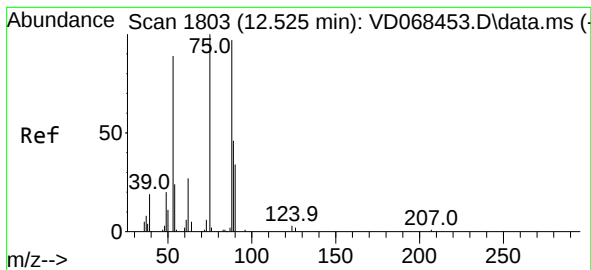
Tgt Ion:152 Resp: 290177
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 155.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.21 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068481.D
Acq: 01 Mar 2021 16:14

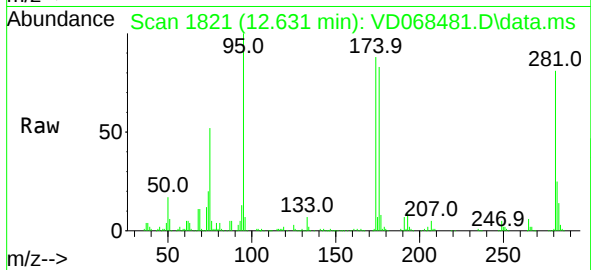
Tgt Ion: 75 Resp: 139646
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.50 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068481.D
 Acq: 01 Mar 2021 16:14

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-2



Tgt Ion: 75 Resp: 139646
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.9 40.3 60.5#

