

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076892.D
 Acq On : 01 Aug 2023 14:17
 Operator : KP/SY
 Sample : 03849-01
 Misc : 4.25G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GROVE-SOIL-0731

Quant Time: Aug 02 01:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

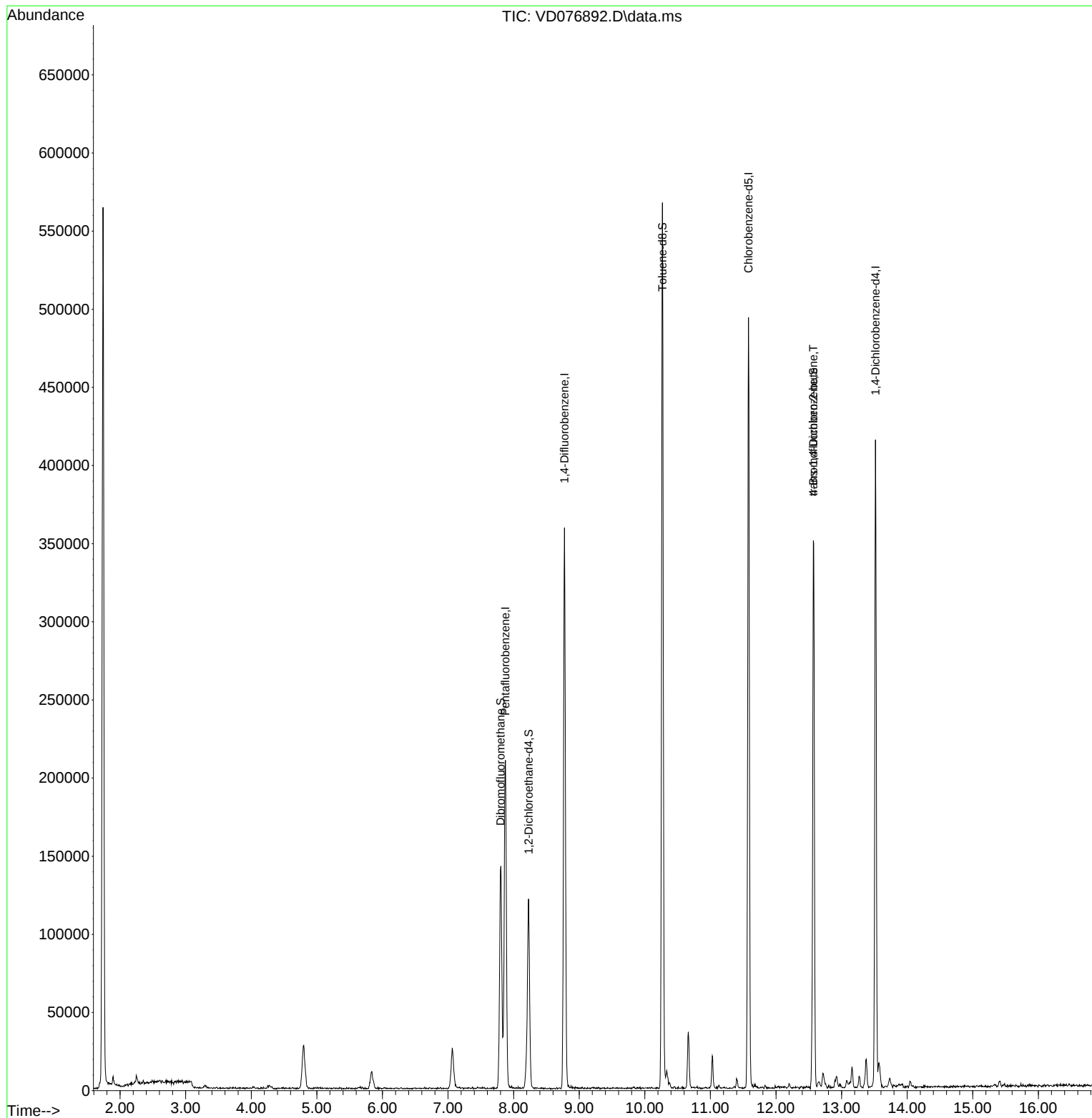
Internal Standards						
1) Pentafluorobenzene	7.875	168	165034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86132	52.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.800%	
35) Dibromofluoromethane	7.799	113	106705	52.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.269	98	397487	54.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.569	95	105071	44.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.740%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	22711	Below Cal	95	
81) trans-1,4-Dichloro-2-b...	12.569	75	55155	113.187 ug/l	#	18

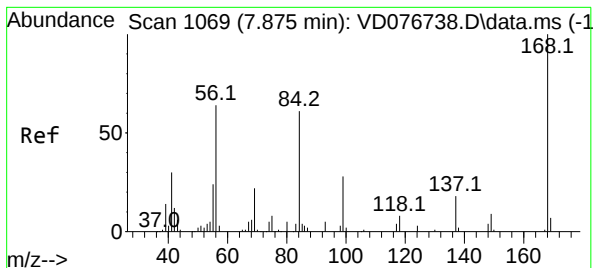
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
Data File : VD076892.D
Acq On : 01 Aug 2023 14:17
Operator : KP/SY
Sample : 03849-01
Misc : 4.25G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

Quant Time: Aug 02 01:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

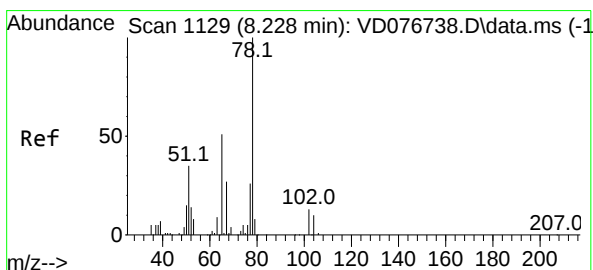
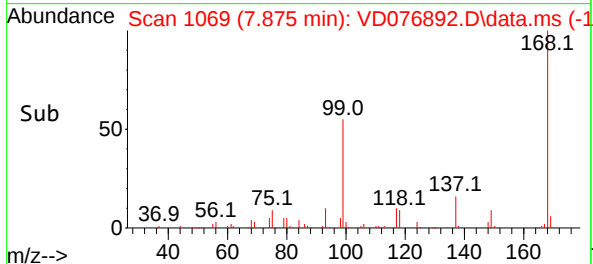
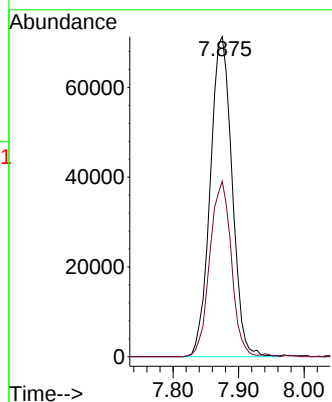
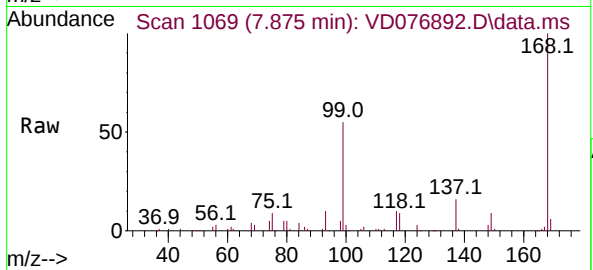
GROVE-SOIL-0731

Tgt Ion:168 Resp: 165034

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 52.398 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076892.D

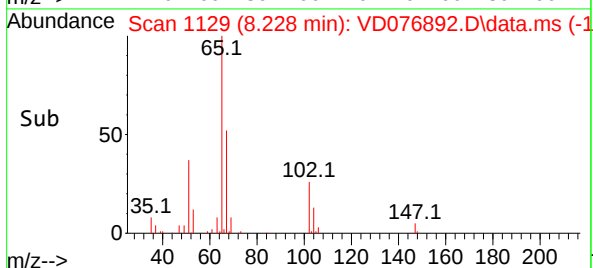
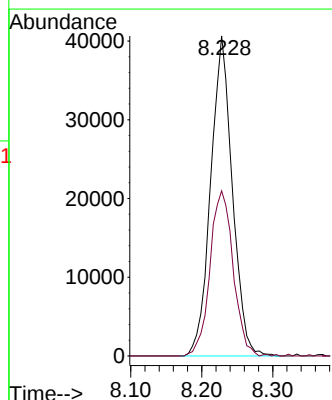
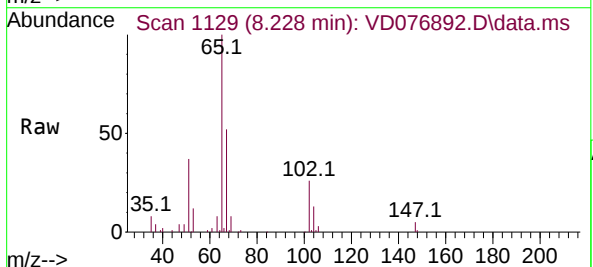
Acq: 01 Aug 2023 14:17

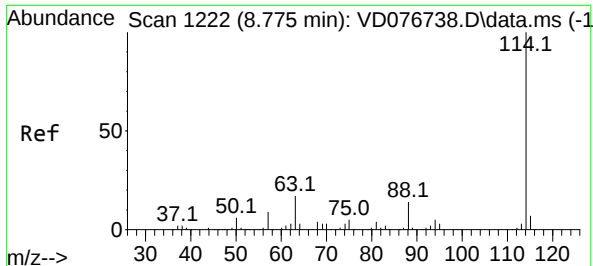
Tgt Ion: 65 Resp: 86132

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

GROVE-SOIL-0731

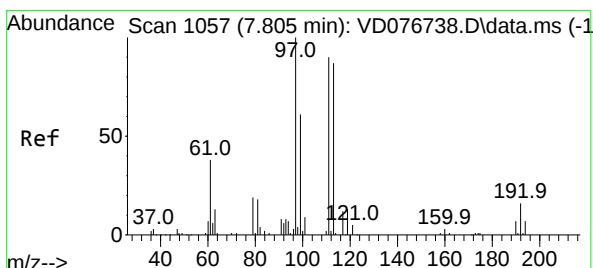
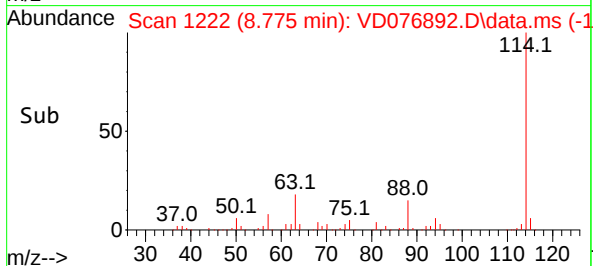
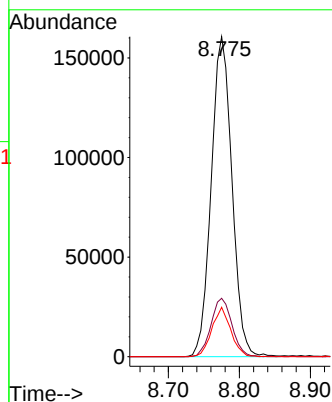
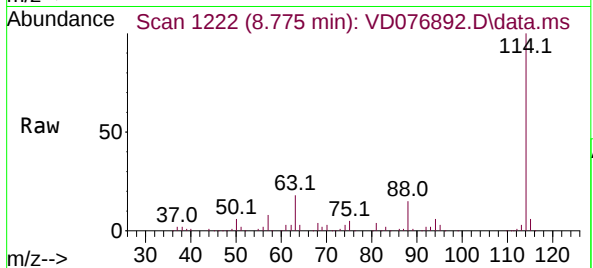
Tgt Ion:114 Resp: 325641

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.144 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076892.D

Acq: 01 Aug 2023 14:17

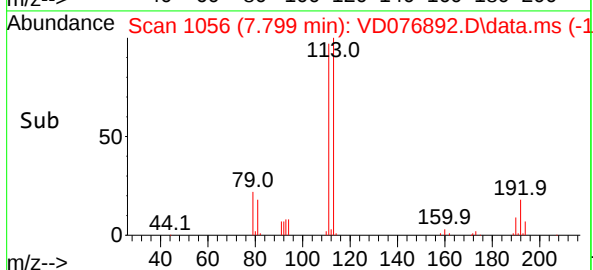
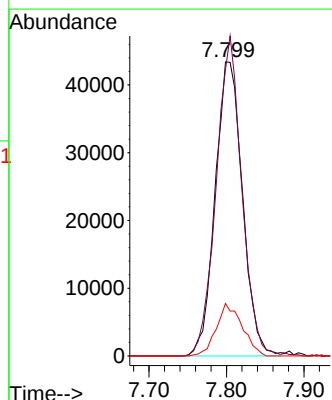
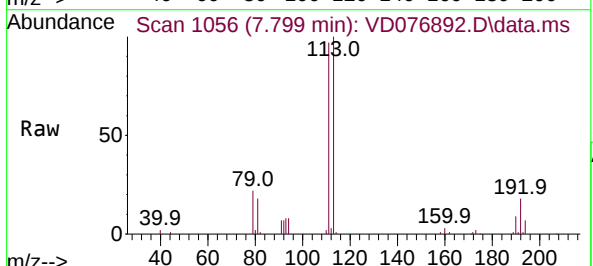
Tgt Ion:113 Resp: 106705

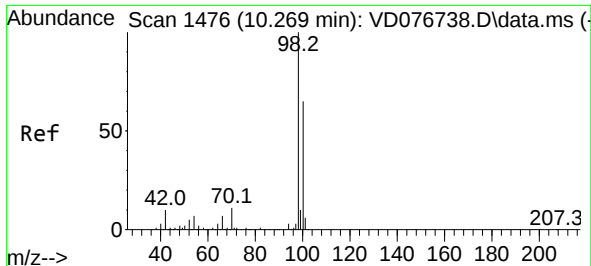
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 16.8 16.8 25.2

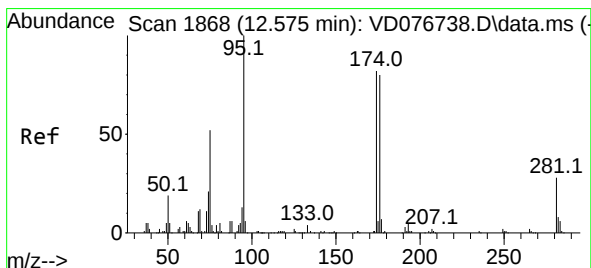
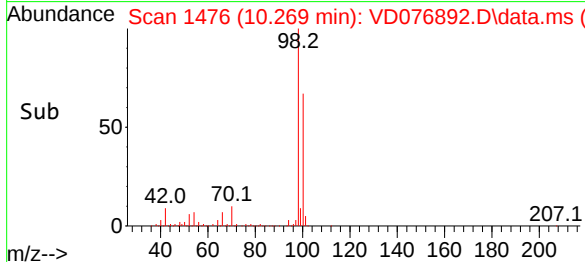
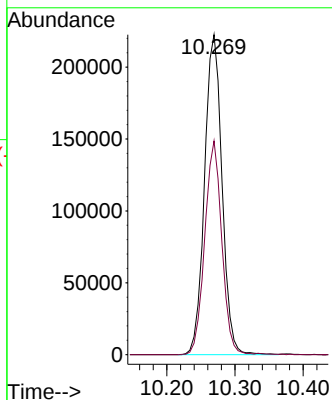
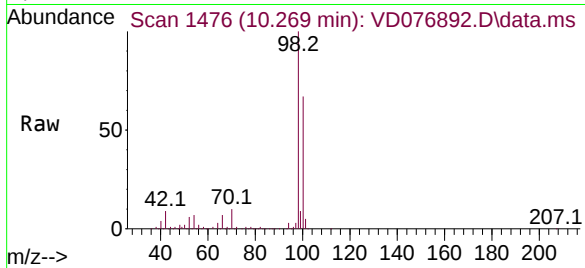




#50
Toluene-d8
Concen: 54.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

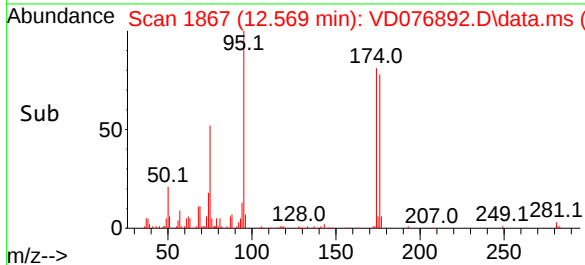
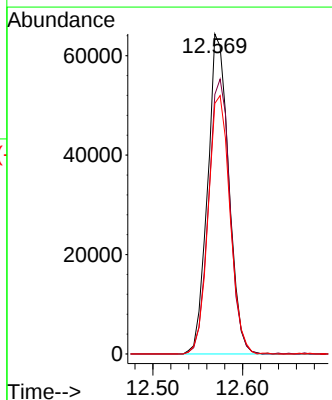
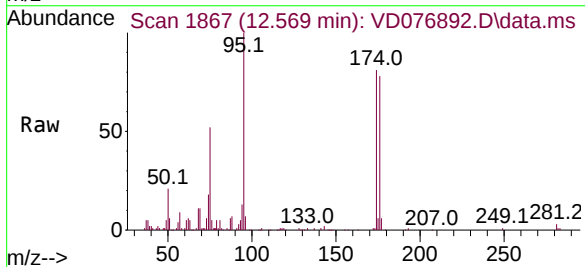
Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

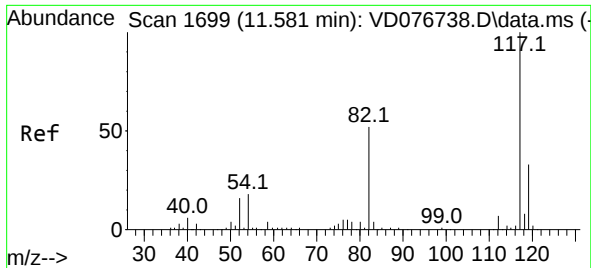
Tgt Ion: 98 Resp: 397487
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.367 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion: 95 Resp: 105071
Ion Ratio Lower Upper
95 100
174 87.3 0.0 201.8
176 83.5 0.0 191.8

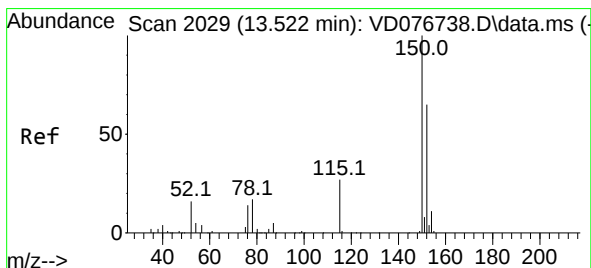
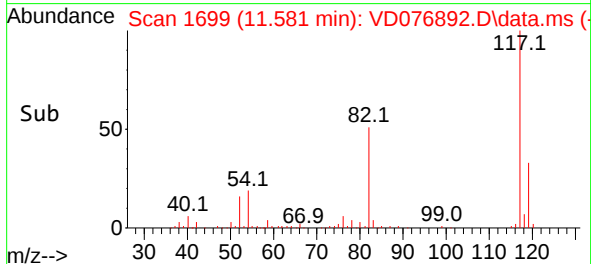
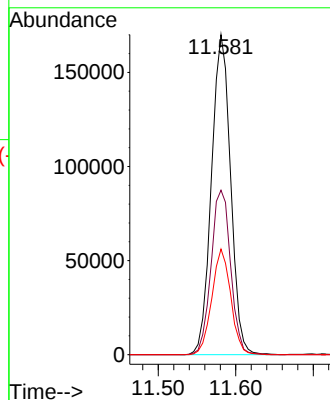
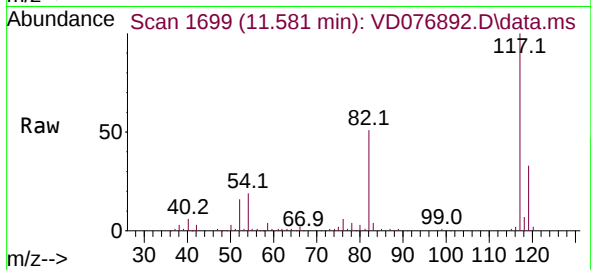




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

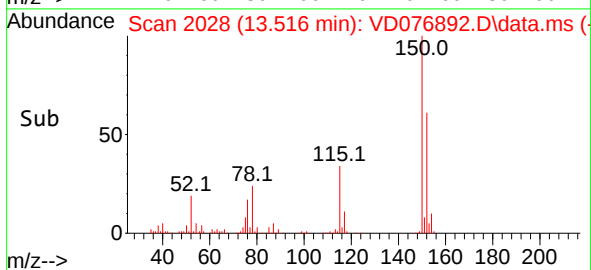
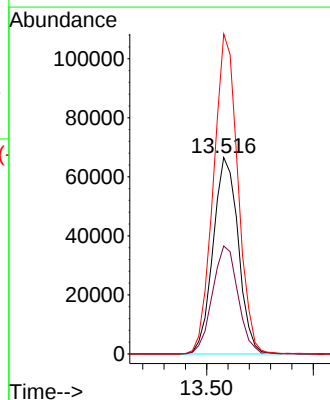
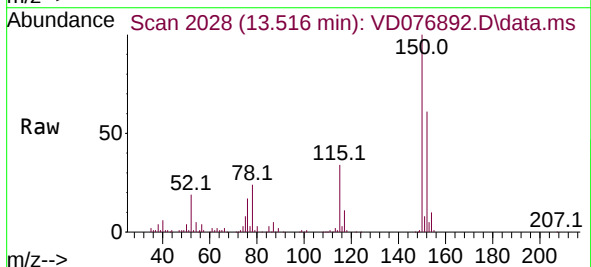
Instrument :
MSVOA_D
ClientSampleId :
GROVE-SOIL-0731

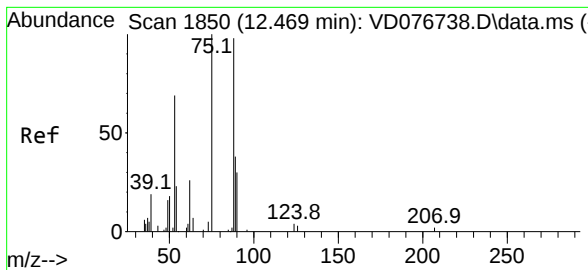
Tgt Ion:117 Resp: 291564
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076892.D
Acq: 01 Aug 2023 14:17

Tgt Ion:152 Resp: 109053
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 158.6 0.0 353.6





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.187 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076892.D
 Acq: 01 Aug 2023 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 GROVE-SOIL-0731

Tgt Ion:	75	Resp:	55155
Ion	Ratio	Lower	Upper
75	100		
53	0.5	63.0	94.4#
89	0.0	37.9	56.9#

