

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074825.D
 Acq On : 09 Nov 2022 13:54
 Operator : VA/SY
 Sample : N5451-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LFR-SOIL-1103

Quant Time: Nov 10 00:35:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	296305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	277903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53186	41.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.560%
35) Dibromofluoromethane	7.805	113	68587	39.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.260%
50) Toluene-d8	10.269	98	227953	35.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.300%
62) 4-Bromofluorobenzene	12.569	95	81498	44.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.300%

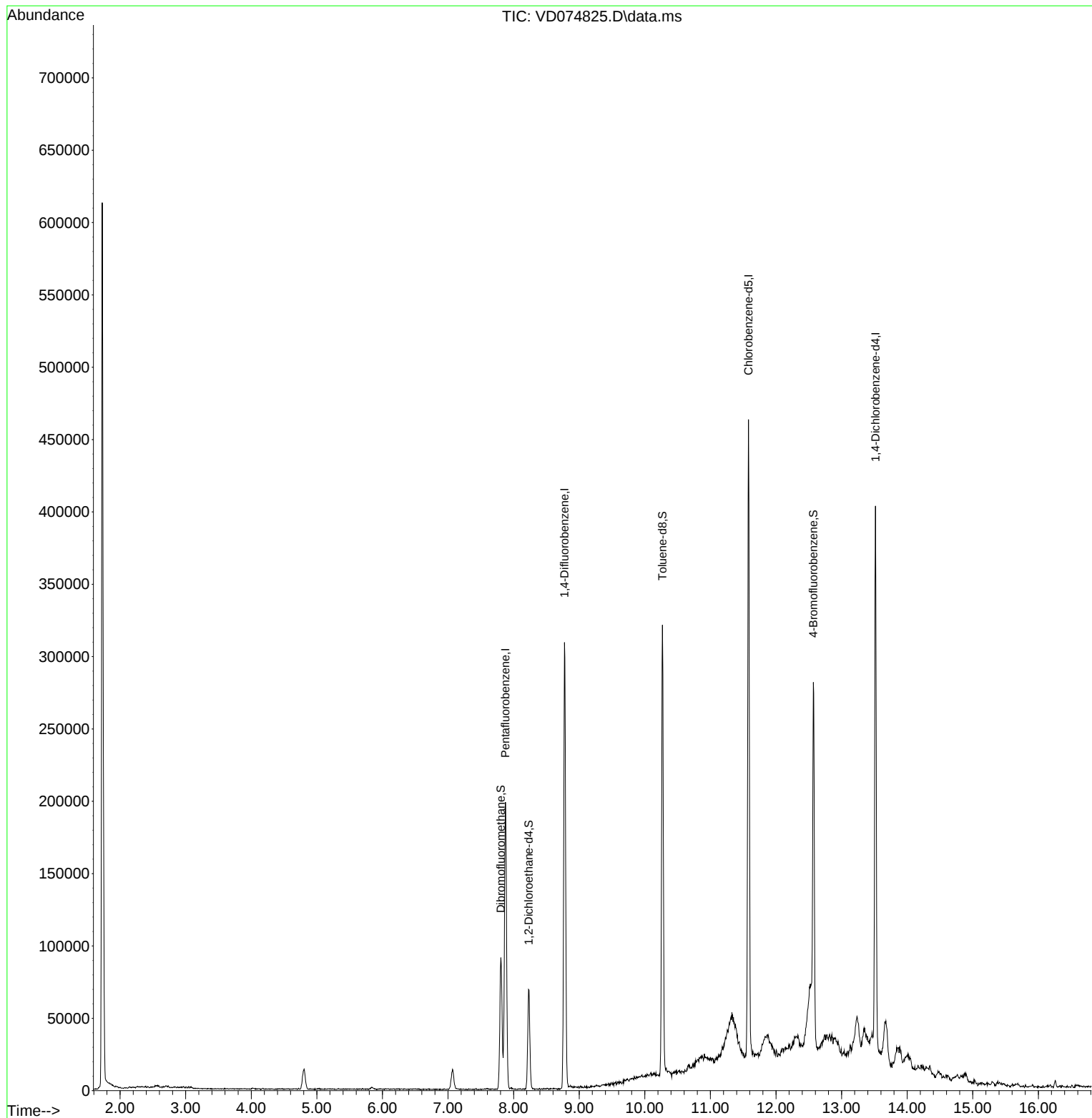
Target Compounds	Qvalue

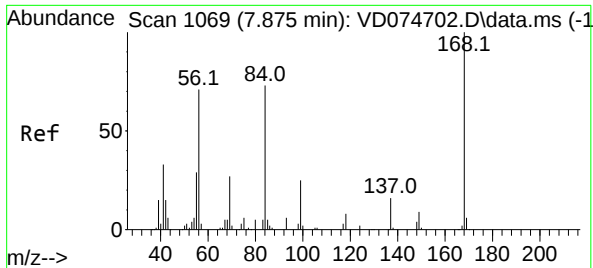
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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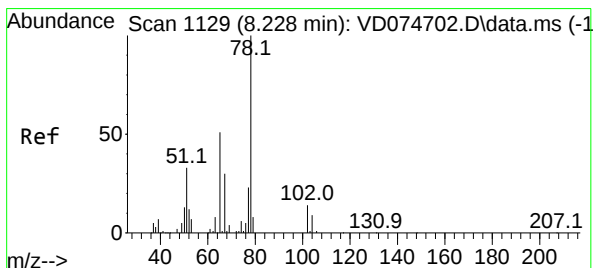
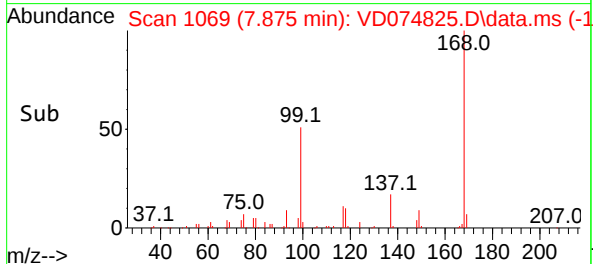
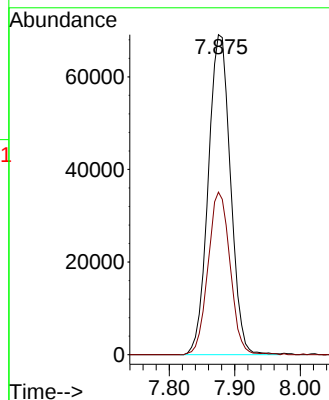
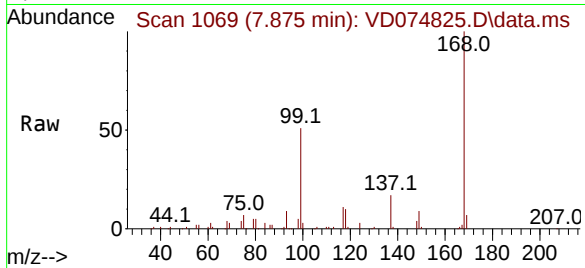




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

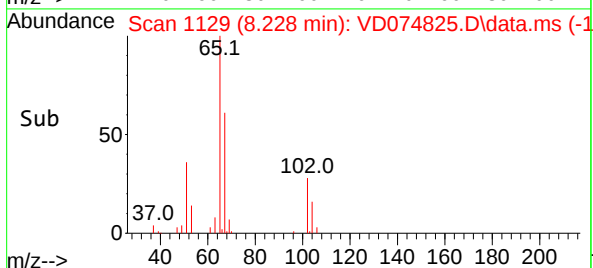
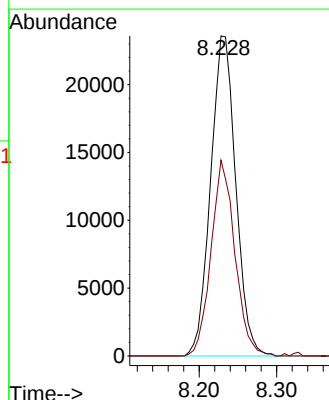
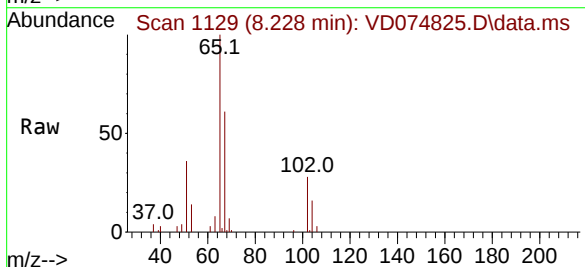
Instrument :
MSVOA_D
ClientSampleId :
LFR-SOIL-1103

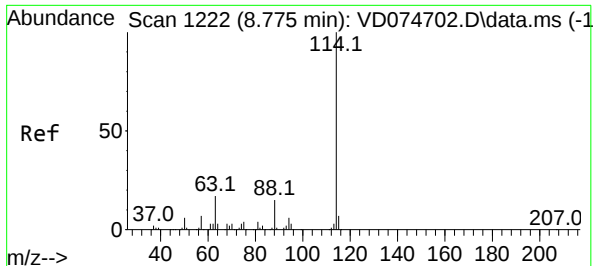
Tgt Ion:168 Resp: 162676
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 41.280 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

Tgt Ion: 65 Resp: 53186
Ion Ratio Lower Upper
65 100
67 58.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074825.D

Acq: 09 Nov 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

LFR-SOIL-1103

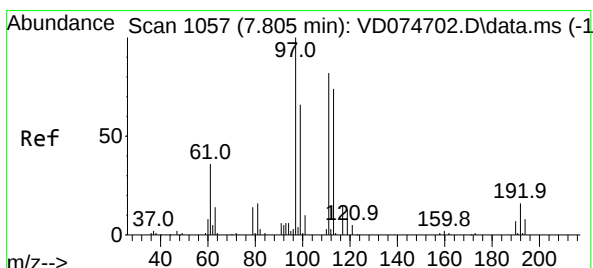
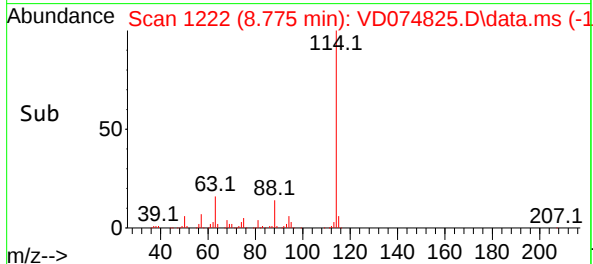
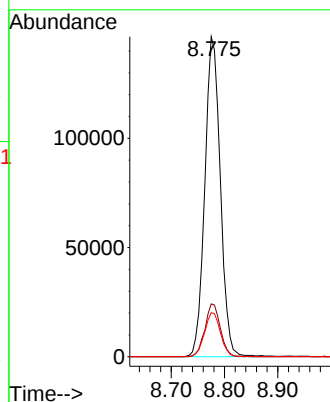
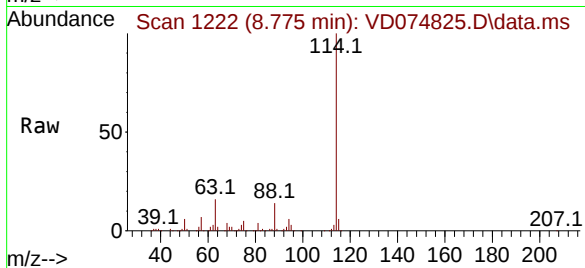
Tgt Ion:114 Resp: 296305

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 39.131 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074825.D

Acq: 09 Nov 2022 13:54

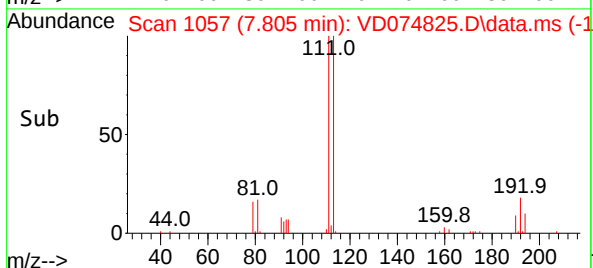
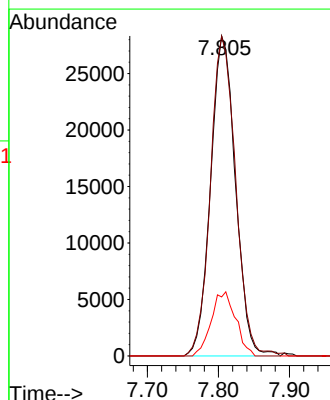
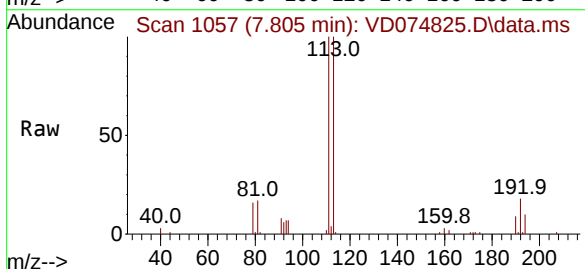
Tgt Ion:113 Resp: 68587

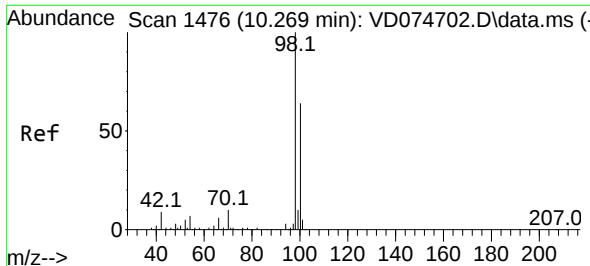
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.8 16.4 24.6

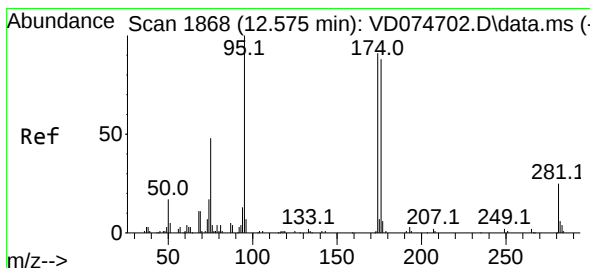
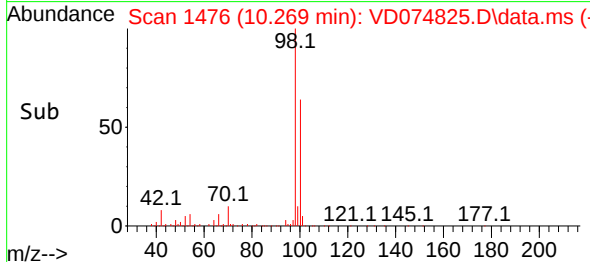
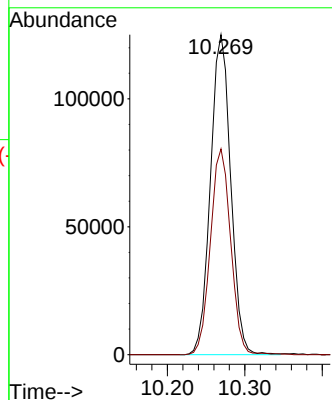
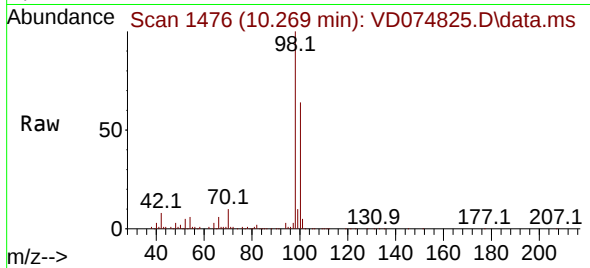




#50
Toluene-d8
Concen: 35.654 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

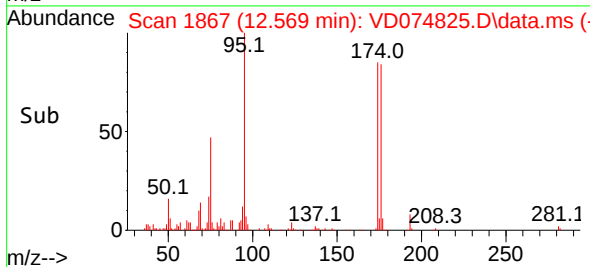
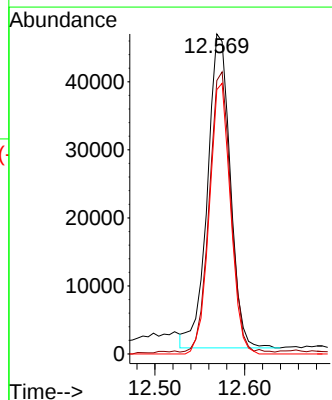
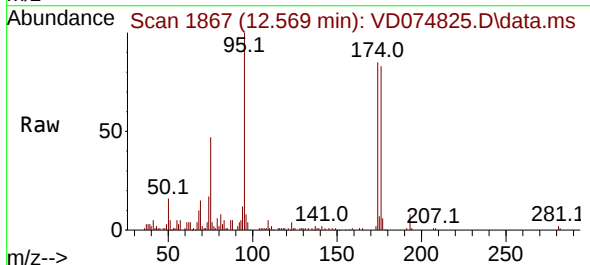
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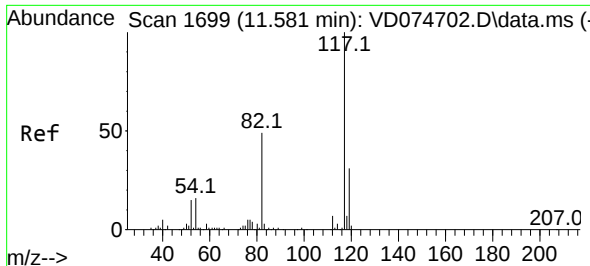
Tgt Ion: 98 Resp: 227953
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.148 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

Tgt Ion: 95 Resp: 81498
Ion Ratio Lower Upper
95 100
174 84.4 0.0 197.0
176 79.9 0.0 182.6

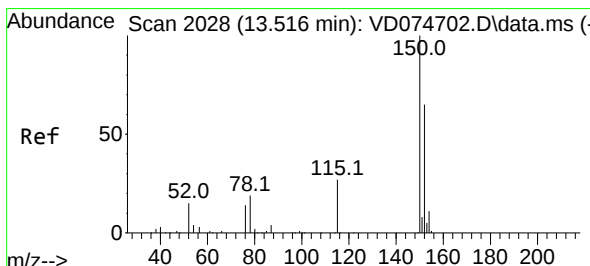
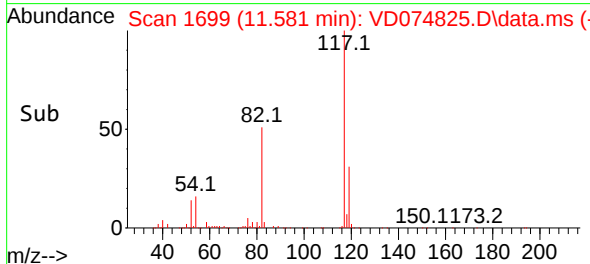
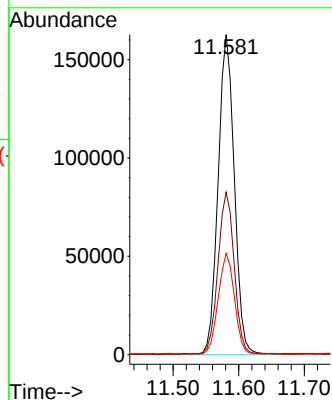
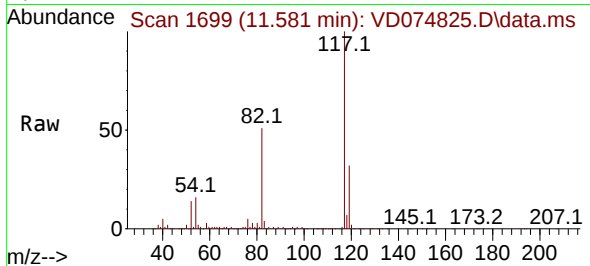




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
LFR-SOIL-1103

Tgt Ion:117 Resp: 277903
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074825.D
Acq: 09 Nov 2022 13:54

Tgt Ion:152 Resp: 105931
Ion Ratio Lower Upper
152 100
115 56.2 26.8 80.4
150 158.7 0.0 348.2

