

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079367.D
 Acq On : 09 Jul 2024 17:54
 Operator : RP/MD
 Sample : P3170-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUMS-2

Quant Time: Jul 10 03:05:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	1591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6108	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.251	152	439	50.000	ug/l	-0.26

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1863	99.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.740%#
35) Dibromofluoromethane	7.799	113	1940	64.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.780%
50) Toluene-d8	10.269	98	5911	51.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.575	95	5177	144.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	289.040%#

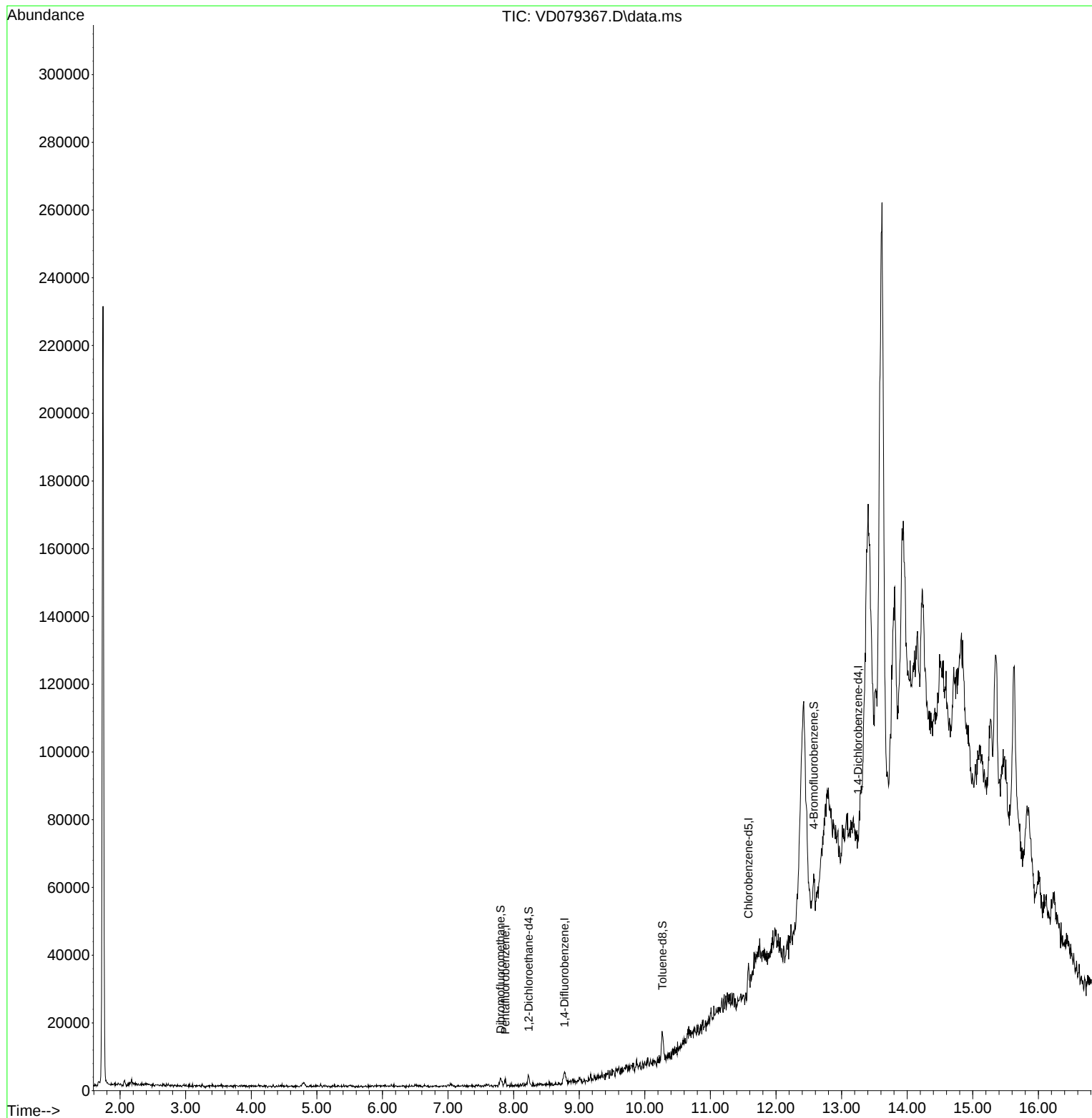
Target Compounds	Qvalue

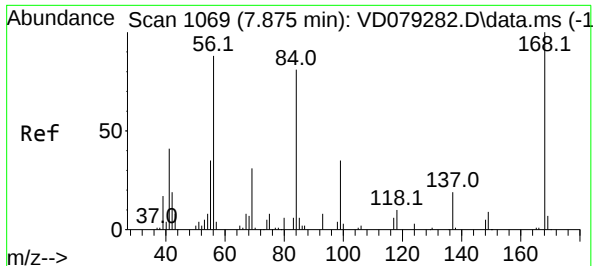
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
Data File : VD079367.D
Acq On : 09 Jul 2024 17:54
Operator : RP/MD
Sample : P3170-03
Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUMS-2

Quant Time: Jul 10 03:05:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration

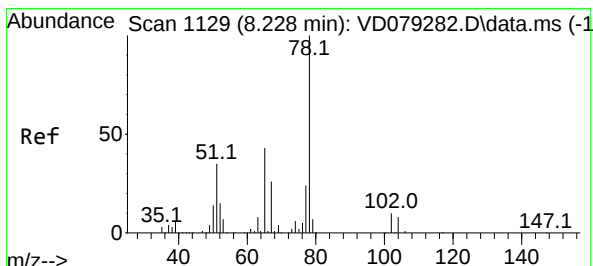
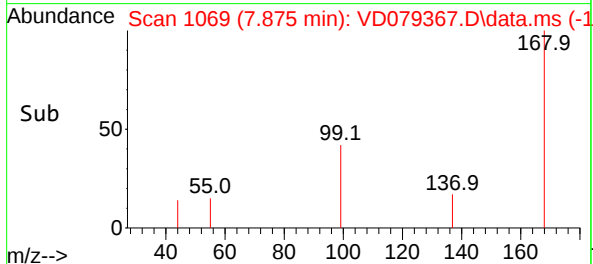
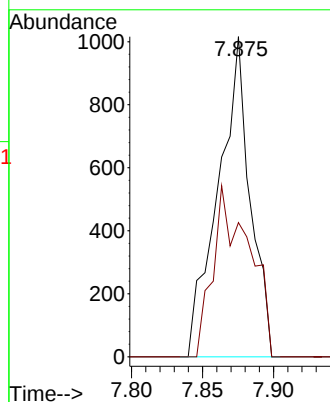
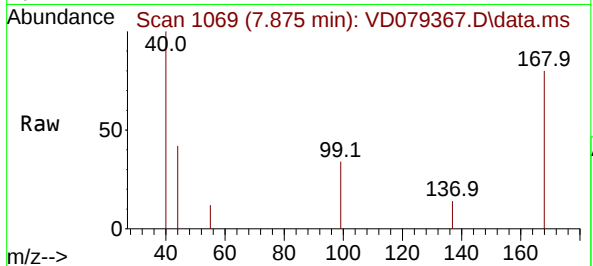




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079367.D
Acq: 09 Jul 2024 17:54

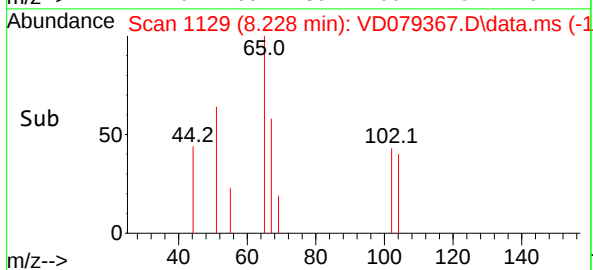
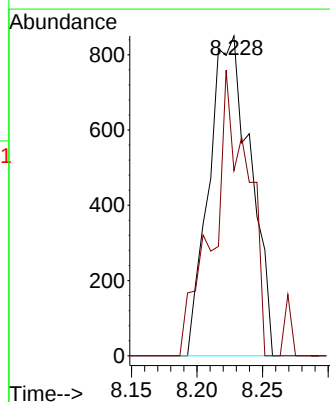
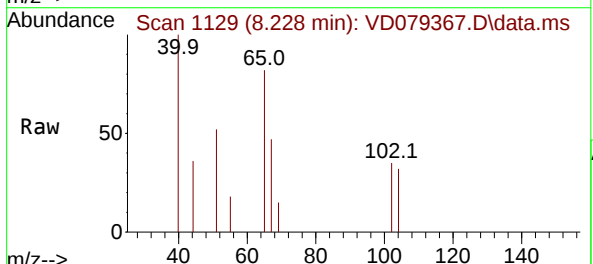
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUMS-2

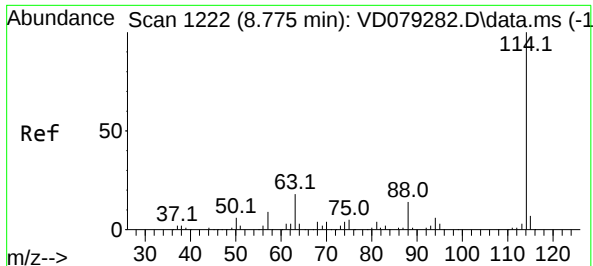
Tgt Ion:168 Resp: 1591
Ion Ratio Lower Upper
168 100
99 41.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 99.365 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079367.D
Acq: 09 Jul 2024 17:54

Tgt Ion: 65 Resp: 1863
Ion Ratio Lower Upper
65 100
67 75.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079367.D

Acq: 09 Jul 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DRUMS-2

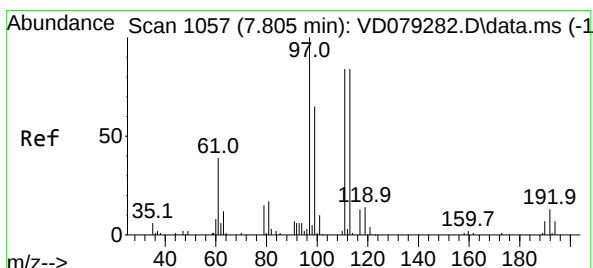
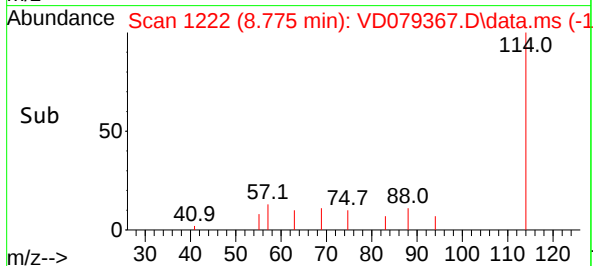
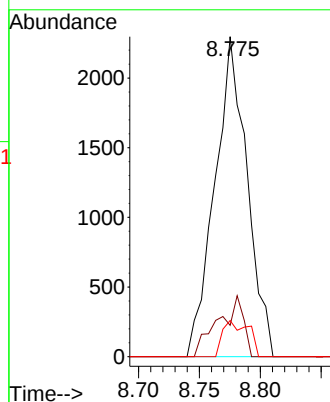
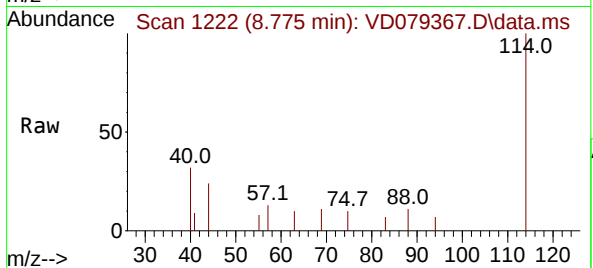
Tgt Ion:114 Resp: 4238

Ion Ratio Lower Upper

114 100

63 9.8 0.0 34.0

88 11.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 64.887 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079367.D

Acq: 09 Jul 2024 17:54

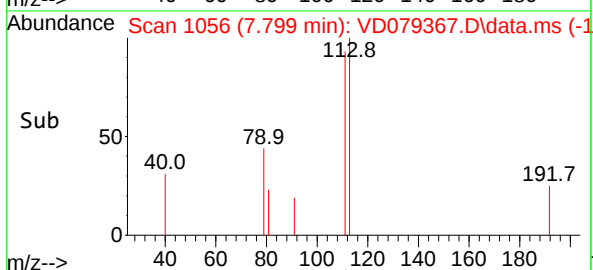
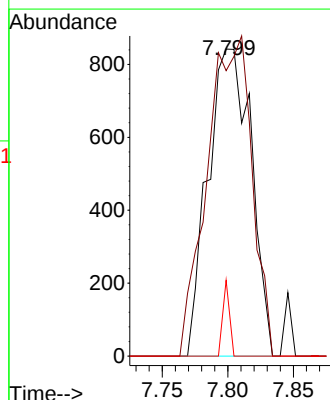
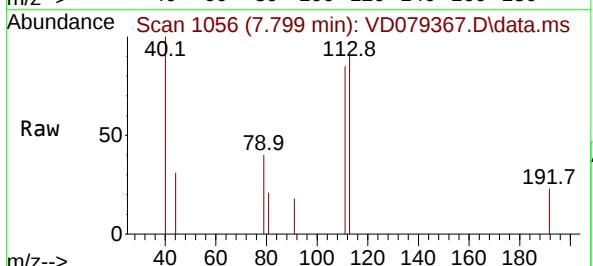
Tgt Ion:113 Resp: 1940

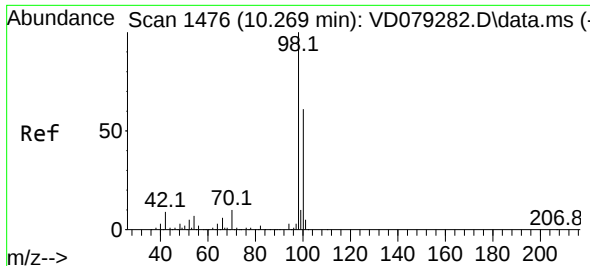
Ion Ratio Lower Upper

113 100

111 107.3 84.0 126.0

192 3.8 15.4 23.0#

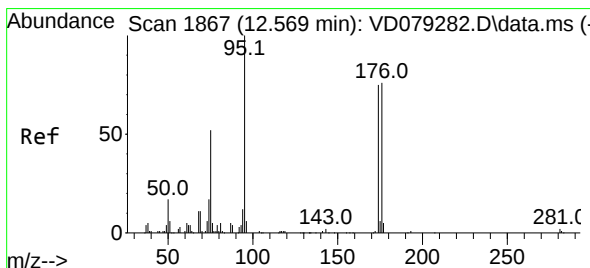
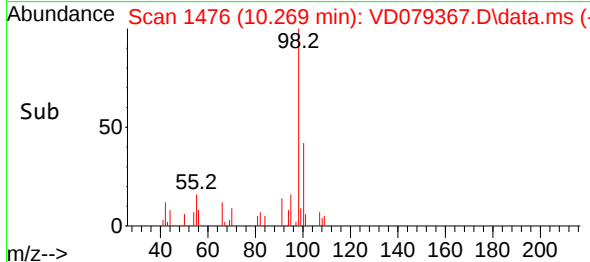
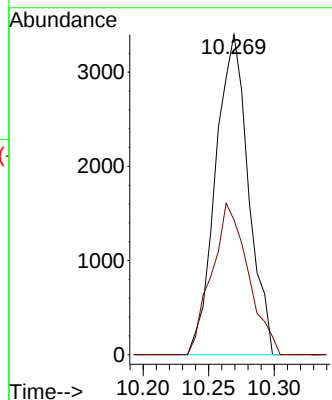
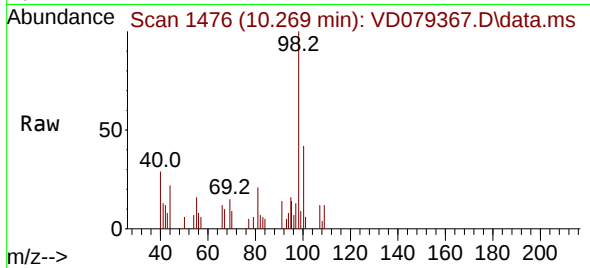




#50
Toluene-d8
Concen: 51.288 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079367.D
Acq: 09 Jul 2024 17:54

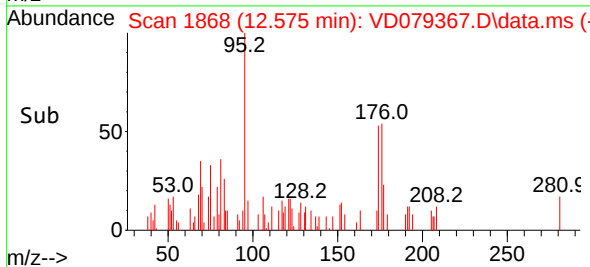
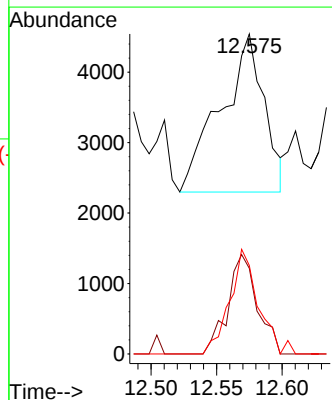
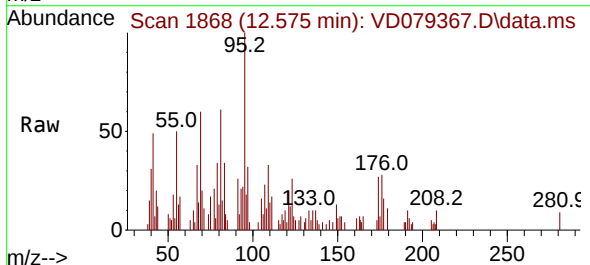
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUMS-2

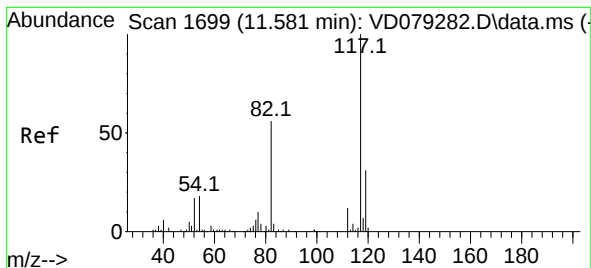
Tgt Ion: 98 Resp: 5911
Ion Ratio Lower Upper
98 100
100 52.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 144.522 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079367.D
Acq: 09 Jul 2024 17:54

Tgt Ion: 95 Resp: 5177
Ion Ratio Lower Upper
95 100
174 42.7 0.0 195.4
176 43.9 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079367.D

Acq: 09 Jul 2024 17:54

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DRUMS-2

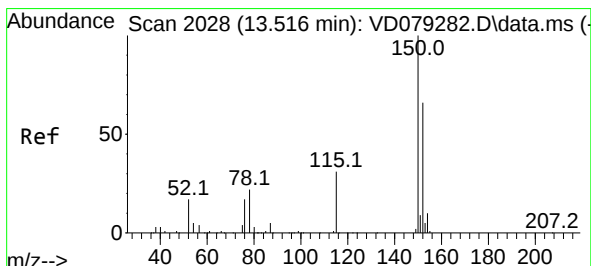
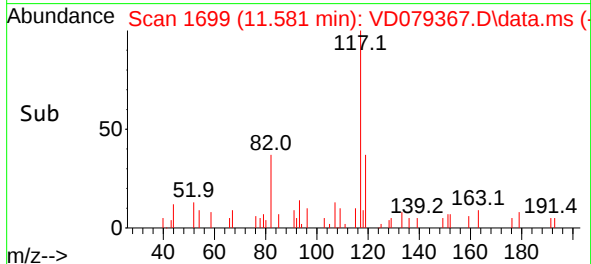
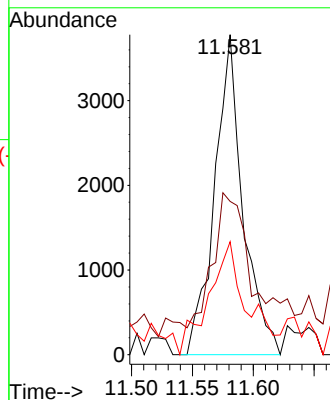
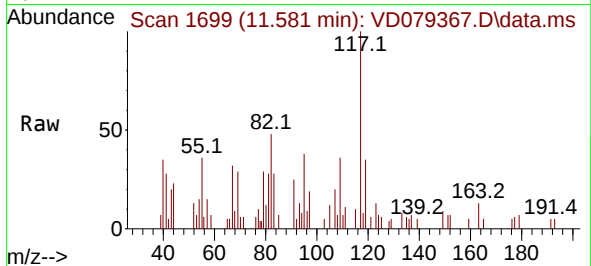
Tgt Ion:117 Resp: 6108

Ion Ratio Lower Upper

117 100

82 37.8 39.8 59.6#

119 35.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.251 min Scan# 1983

Delta R.T. -0.265 min

Lab File: VD079367.D

Acq: 09 Jul 2024 17:54

Tgt Ion:152 Resp: 439

Ion Ratio Lower Upper

152 100

115 39.4 26.5 79.5

150 159.7 0.0 341.6

