

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079366.D
 Acq On : 09 Jul 2024 17:26
 Operator : RP/MD
 Sample : P3170-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUMS-1

Quant Time: Jul 10 03:05:30 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)

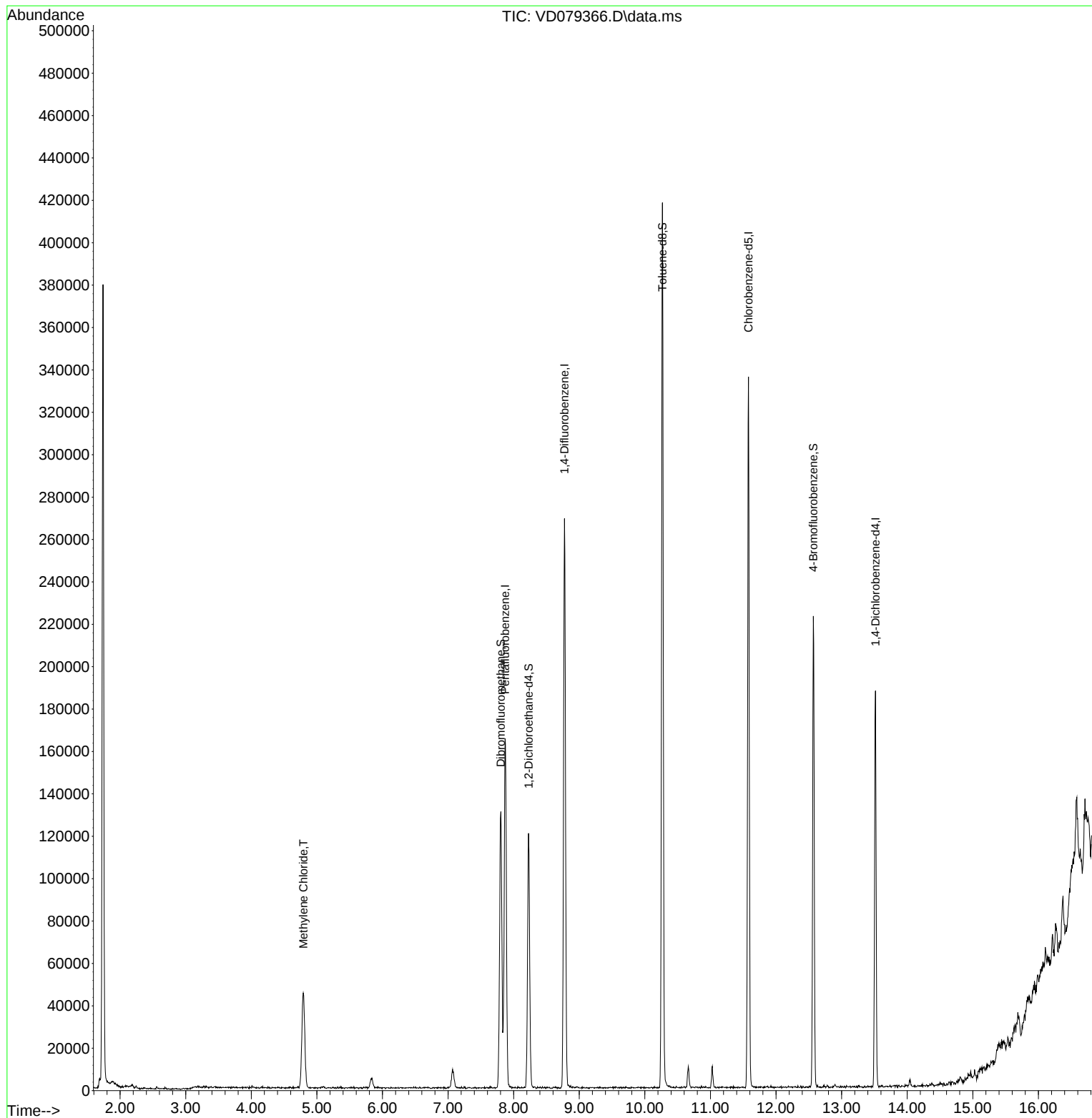
Internal Standards						
1) Pentafluorobenzene	7.869	168	122584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	200243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91524	63.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.720%	
35) Dibromofluoromethane	7.804	113	101854	58.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.720%	
50) Toluene-d8	10.269	98	298395	44.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.700%	
62) 4-Bromofluorobenzene	12.569	95	74580	35.666	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.340%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	38513	11.206	ug/l	98

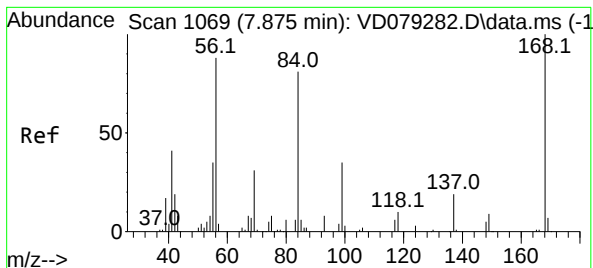
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079366.D

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Instrument :

MSVOA_D

ClientSampleId :

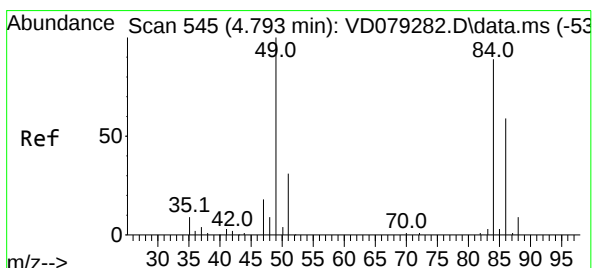
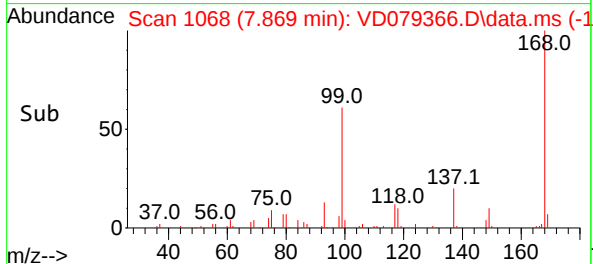
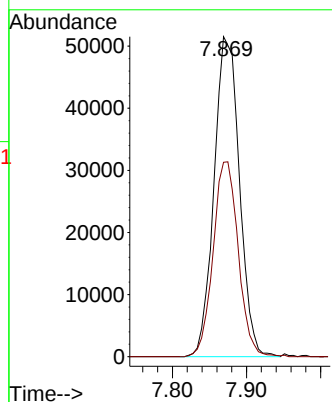
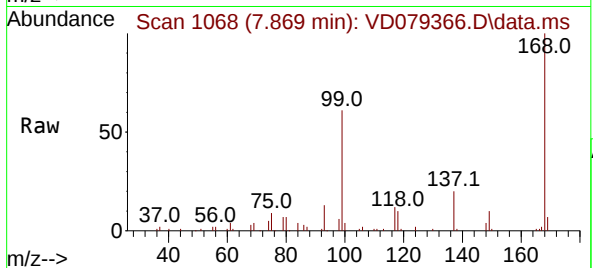
SOIL-DRUMS-1

Tgt Ion:168 Resp: 122584

Ion Ratio Lower Upper

168 100

99 60.7 41.1 61.7



#20

Methylene Chloride

Concen: 11.206 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

Tgt Ion: 84 Resp: 38513

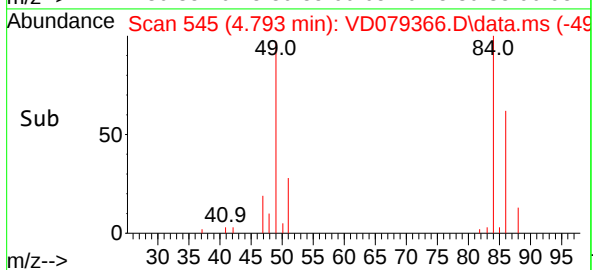
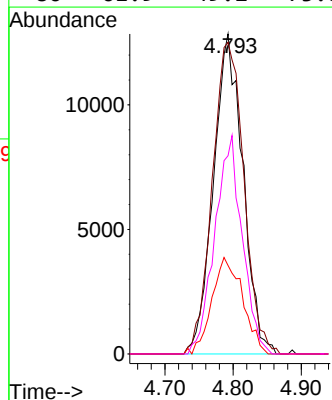
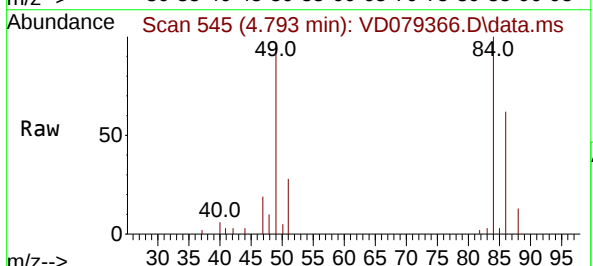
Ion Ratio Lower Upper

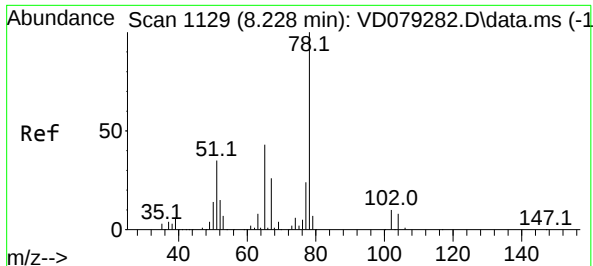
84 100

49 97.4 75.6 113.4

51 27.7 24.2 36.2

86 61.9 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 63.357 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

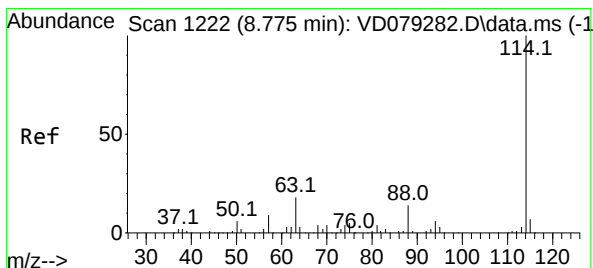
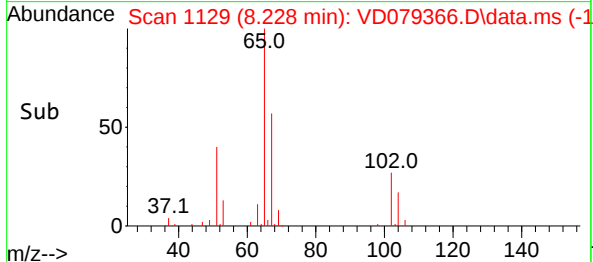
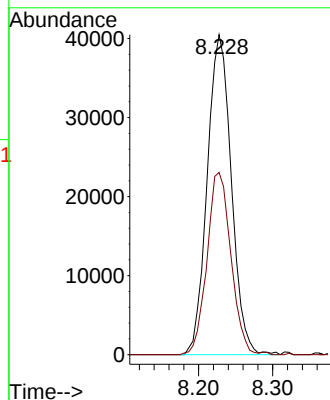
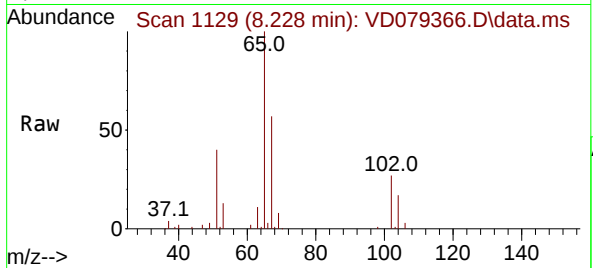
SOIL-DRUMS-1

Tgt Ion: 65 Resp: 91524

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

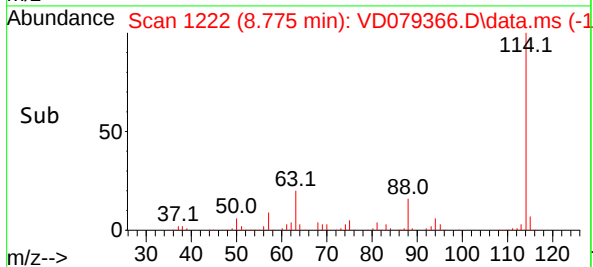
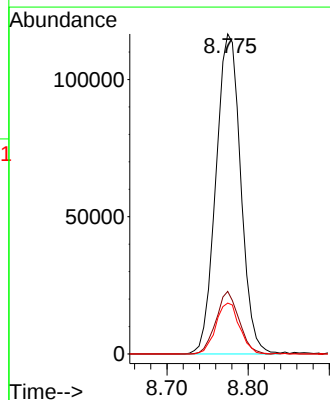
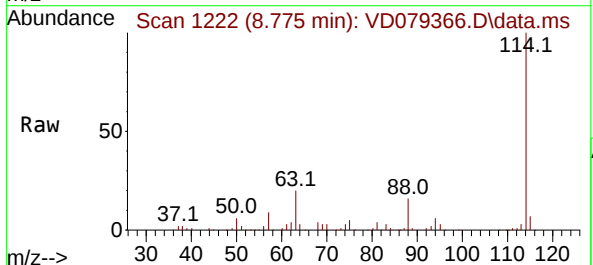
Tgt Ion: 114 Resp: 247390

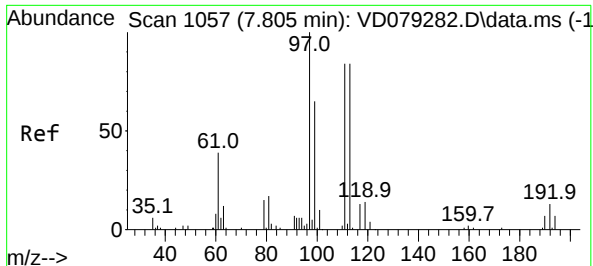
Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

88 15.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 58.360 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079366.D

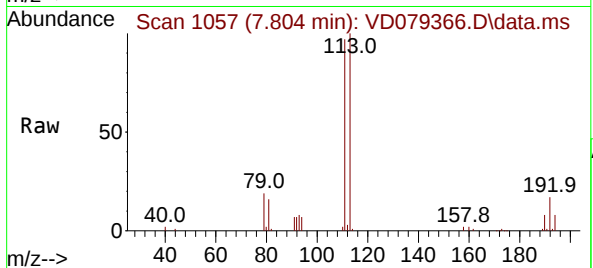
Acq: 09 Jul 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

SOIL-DRUMS-1



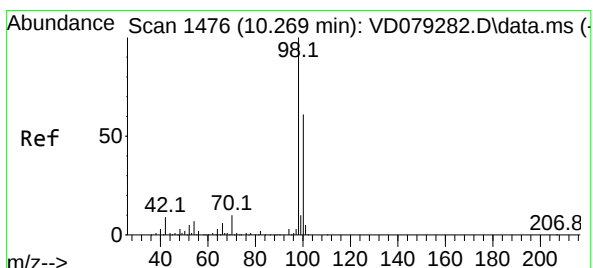
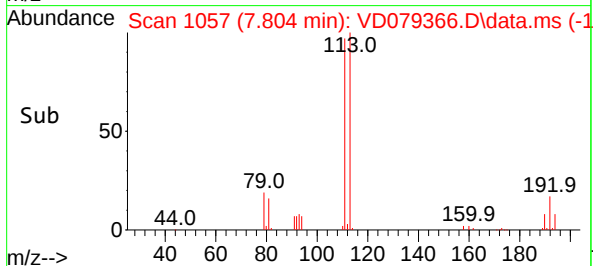
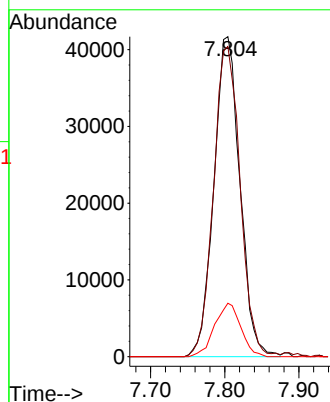
Tgt Ion:113 Resp: 101854

Ion Ratio Lower Upper

113 100

111 99.2 84.0 126.0

192 16.8 15.4 23.0



#50

Toluene-d8

Concen: 44.353 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079366.D

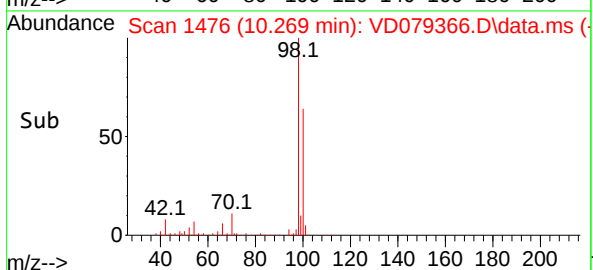
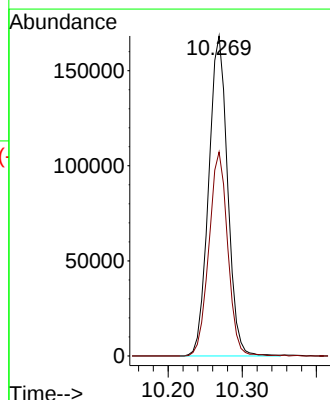
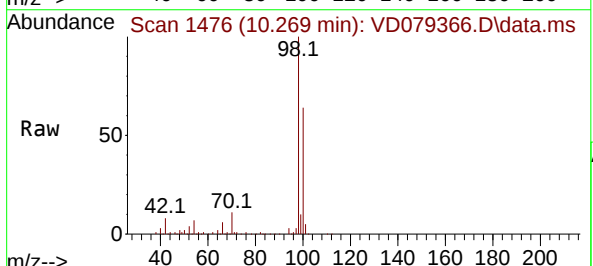
Acq: 09 Jul 2024 17:26

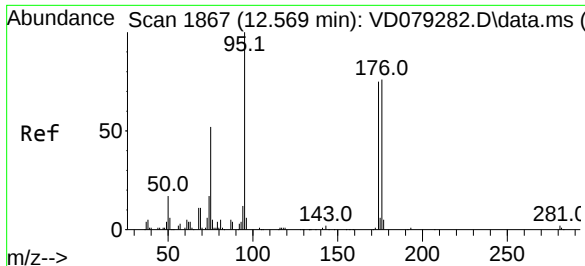
Tgt Ion: 98 Resp: 298395

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4

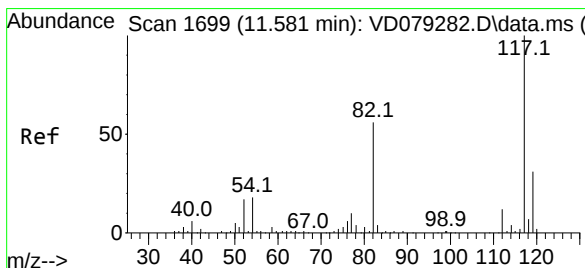
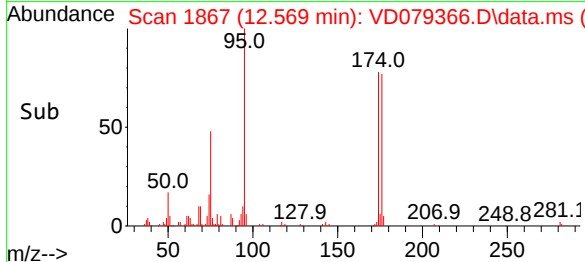
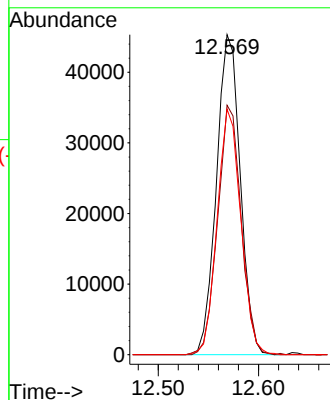
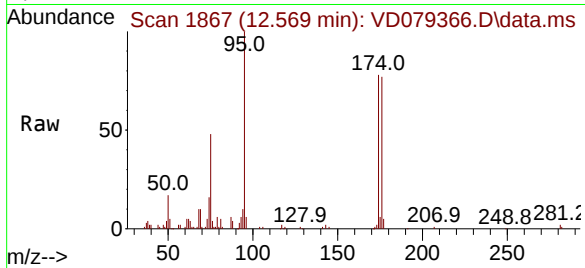




#62
4-Bromofluorobenzene
Concen: 35.666 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

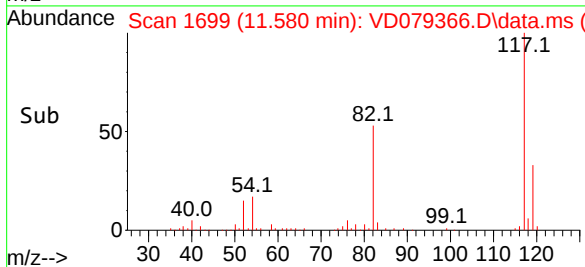
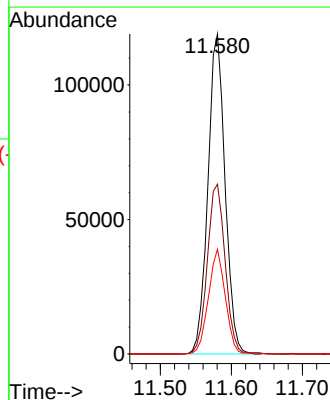
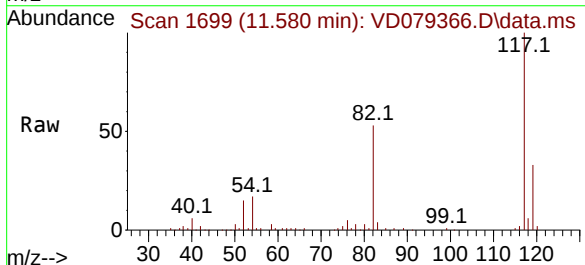
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUMS-1

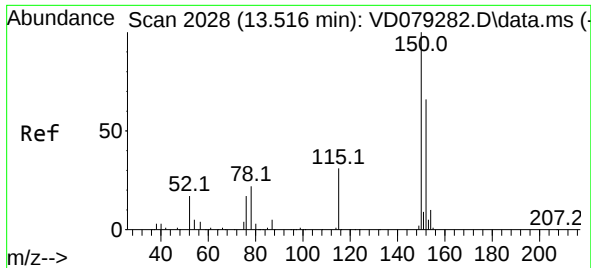
Tgt Ion:	95	Resp:	74580
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	195.4
176	76.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

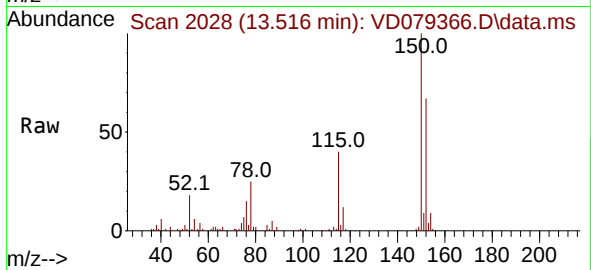
Tgt Ion:	117	Resp:	200243
Ion	Ratio	Lower	Upper
117	100		
82	53.1	39.8	59.6
119	32.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079366.D
 Acq: 09 Jul 2024 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUMS-1



Tgt Ion:152 Resp: 50660
 Ion Ratio Lower Upper
 152 100
 115 59.5 26.5 79.5
 150 155.8 0.0 341.6

