

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079413.D
 Acq On : 26 Jul 2024 17:42
 Operator : RP/MD
 Sample : P3352-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP

Quant Time: Jul 27 03:35:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	241138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83210	72.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.480%
35) Dibromofluoromethane	7.804	113	90948	62.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.080%
50) Toluene-d8	10.269	98	289018	50.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.569	95	74105	41.319	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.640%

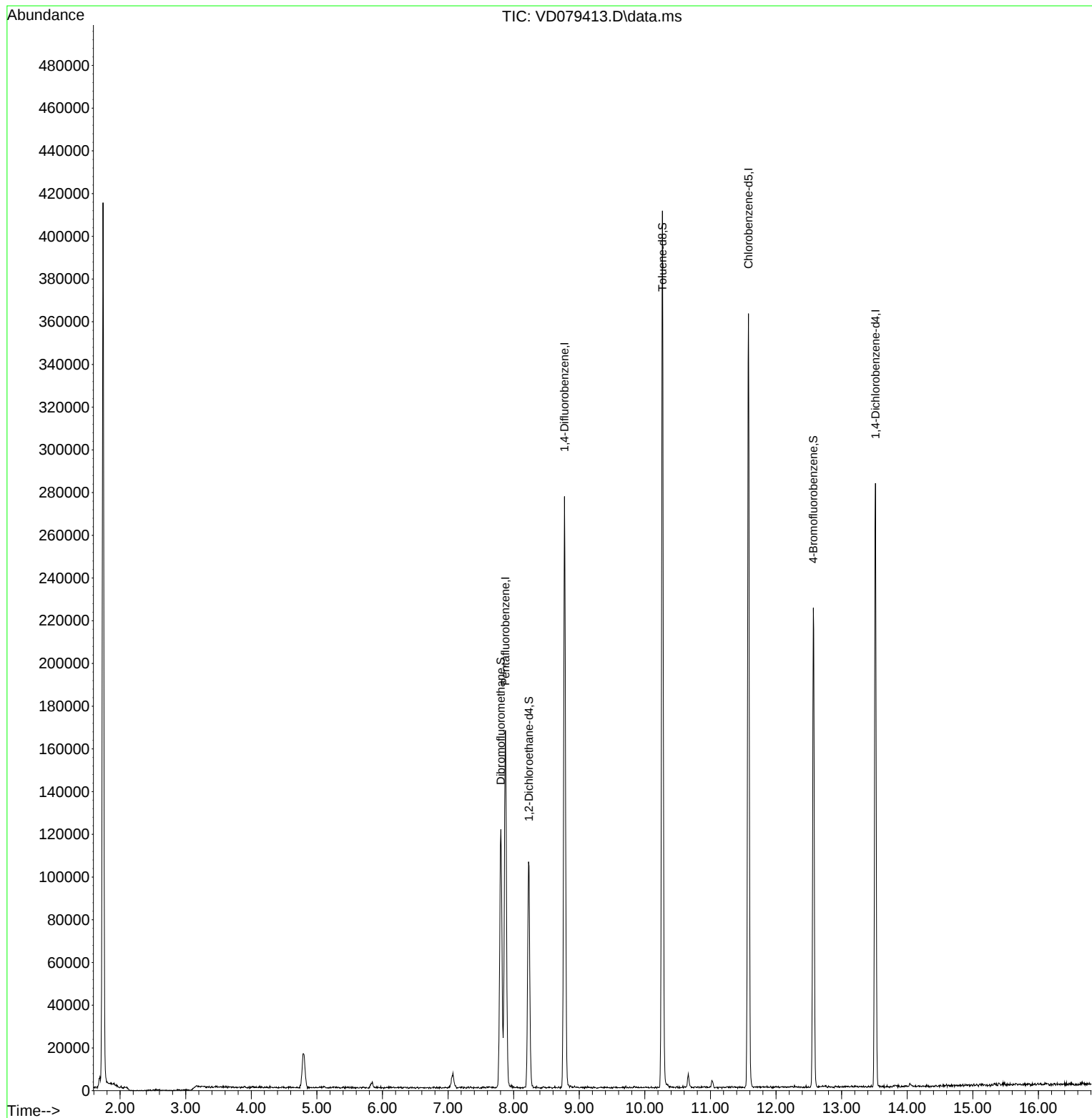
Target Compounds	Qvalue

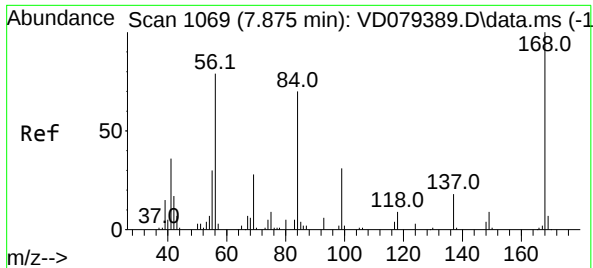
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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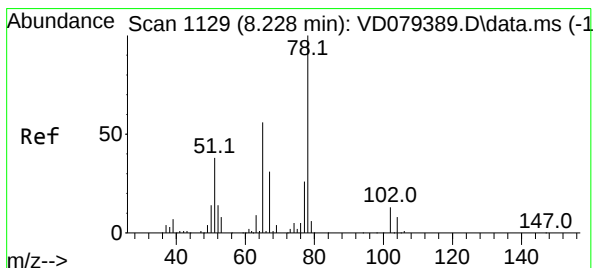
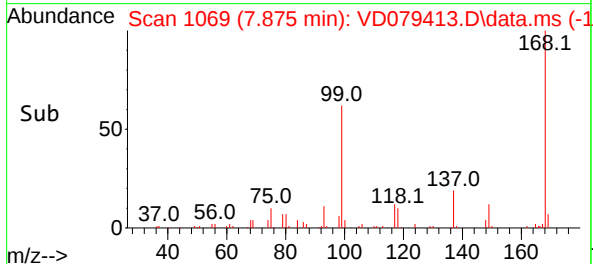
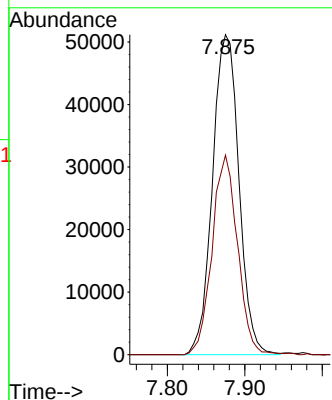
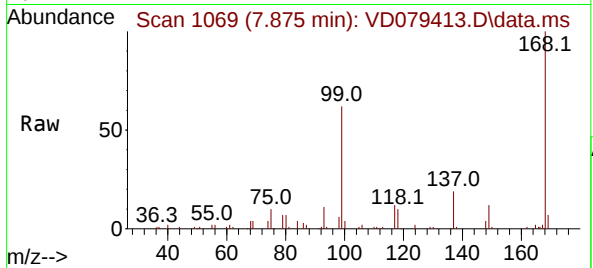




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

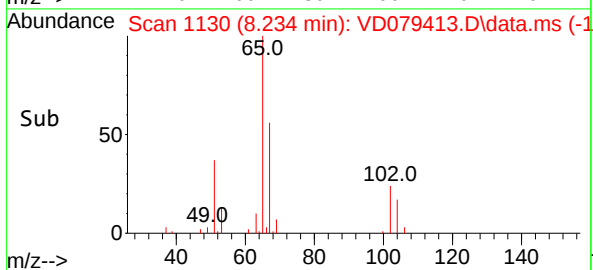
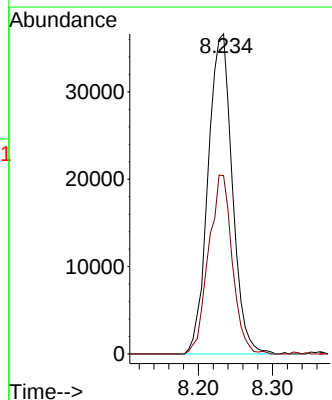
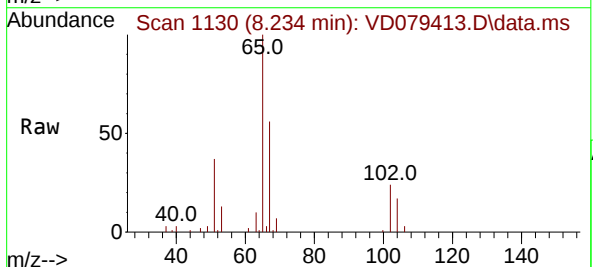
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

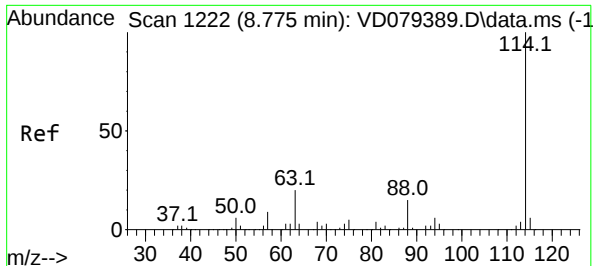
Tgt Ion:168 Resp: 121484
Ion Ratio Lower Upper
168 100
99 62.3 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 72.241 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

Tgt Ion: 65 Resp: 83210
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079413.D

Acq: 26 Jul 2024 17:42

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP

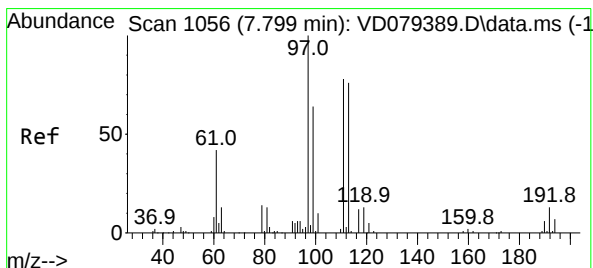
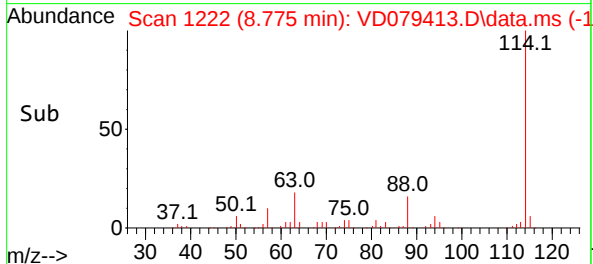
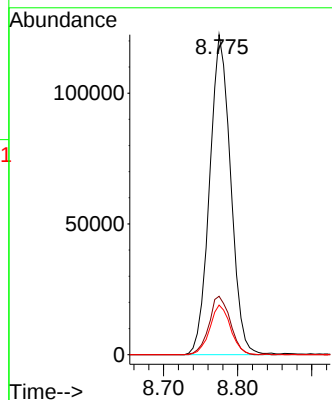
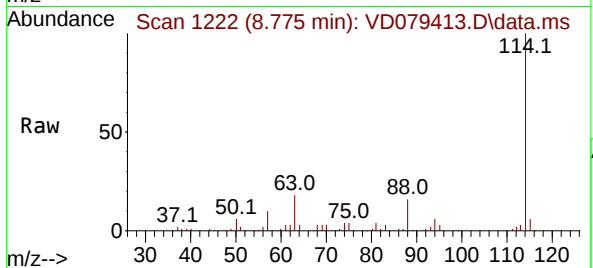
Tgt Ion:114 Resp: 241138

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 62.045 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079413.D

Acq: 26 Jul 2024 17:42

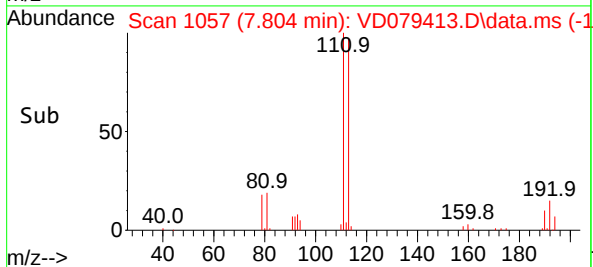
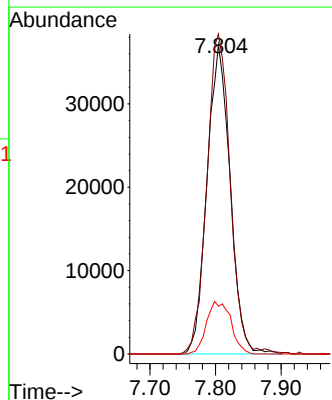
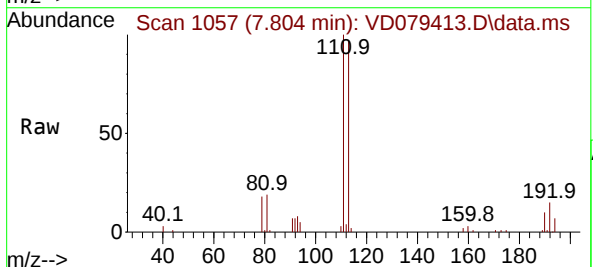
Tgt Ion:113 Resp: 90948

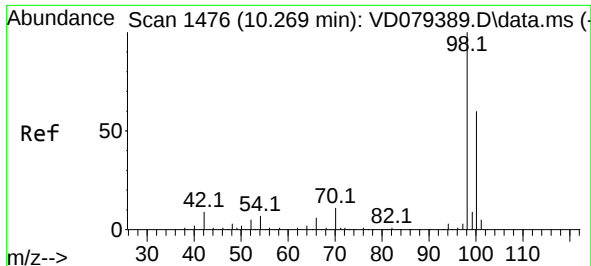
Ion Ratio Lower Upper

113 100

111 104.6 84.0 126.0

192 17.9 15.4 23.0

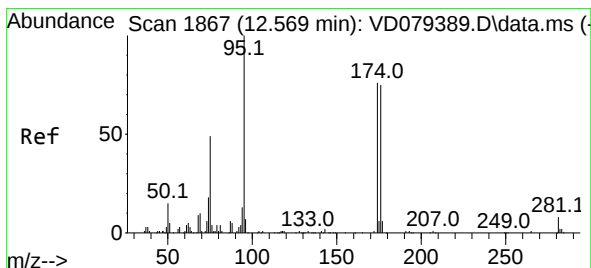
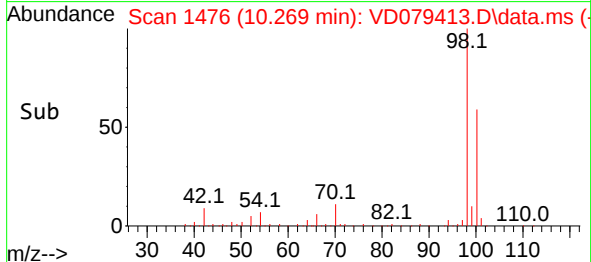
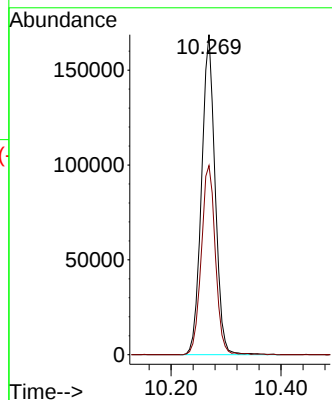
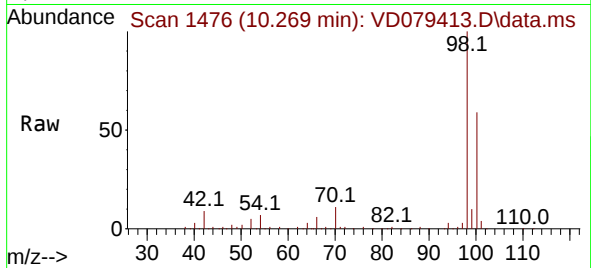




#50
Toluene-d8
Concen: 50.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

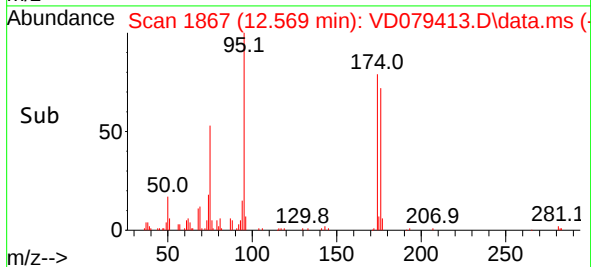
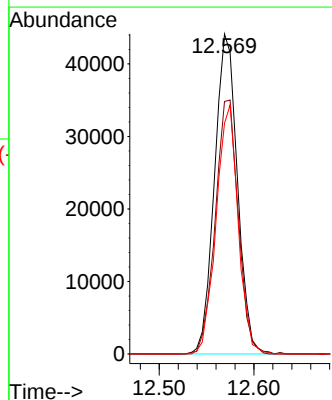
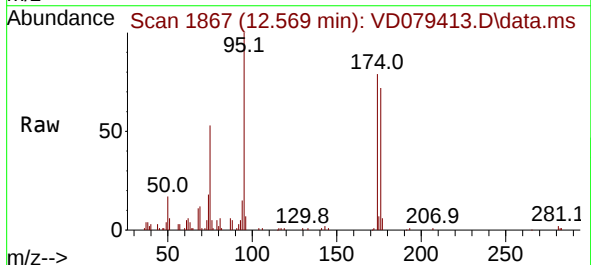
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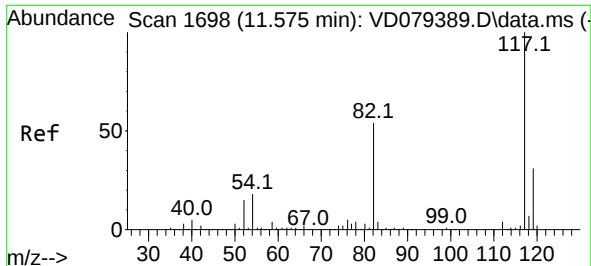
Tgt Ion: 98 Resp: 289018
Ion Ratio Lower Upper
98 100
100 61.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.319 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

Tgt Ion: 95 Resp: 74105
Ion Ratio Lower Upper
95 100
174 79.6 0.0 195.4
176 74.6 0.0 192.6

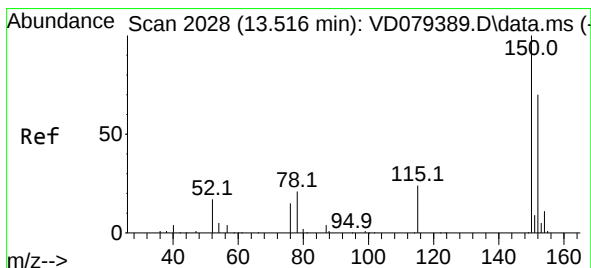
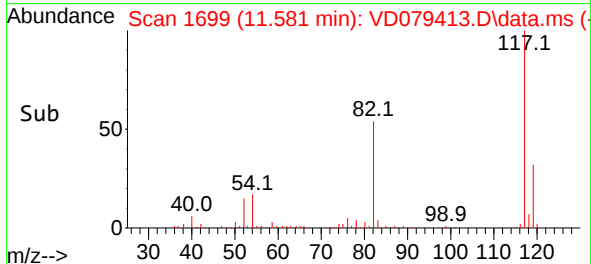
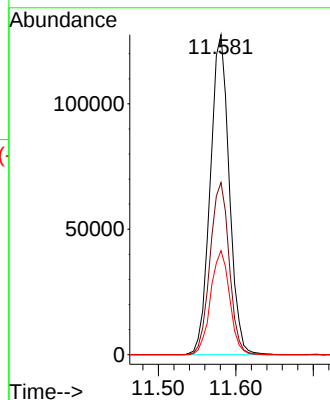
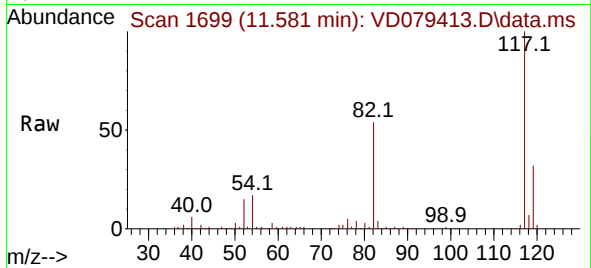




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

Tgt Ion:117 Resp: 217026
Ion Ratio Lower Upper
117 100
82 53.8 39.8 59.6
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079413.D
Acq: 26 Jul 2024 17:42

Tgt Ion:152 Resp: 76273
Ion Ratio Lower Upper
152 100
115 60.4 26.5 79.5
150 153.5 0.0 341.6

