

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079503.D
 Acq On : 31 Jul 2024 18:28
 Operator : RP/MD
 Sample : P3379-19
 Misc : 6.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-05-072324

Quant Time: Aug 01 01:54:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	170535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93054	53.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.420%
35) Dibromofluoromethane	7.805	113	109829	51.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	397461	48.333	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.569	95	98171	41.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.500%

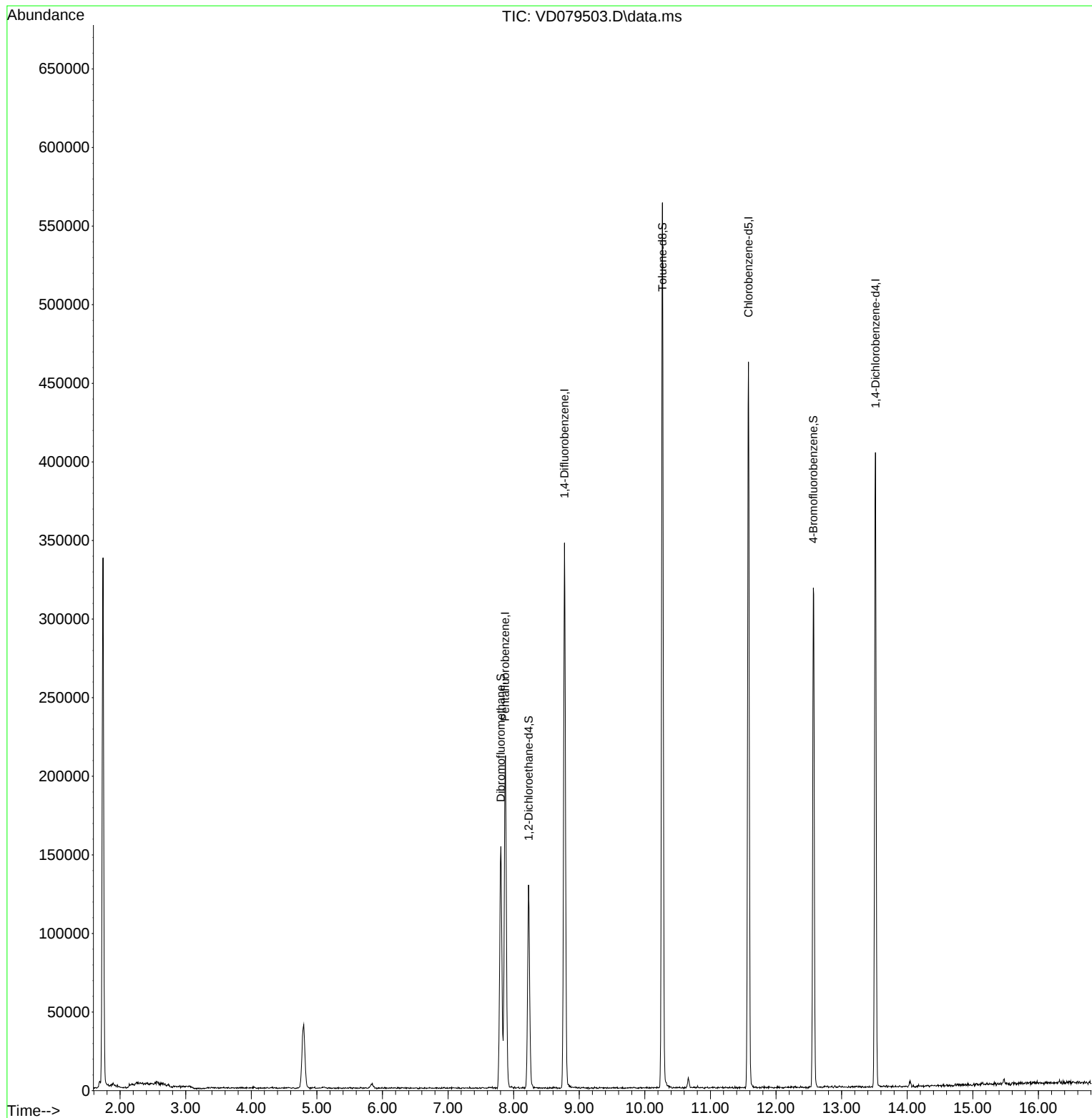
Target Compounds	Qvalue

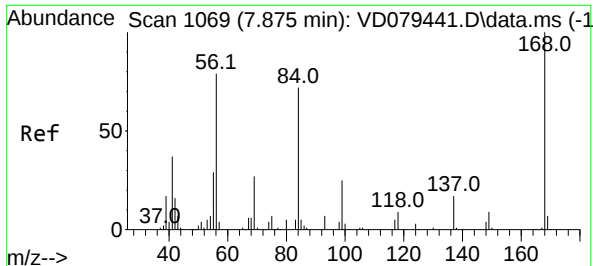
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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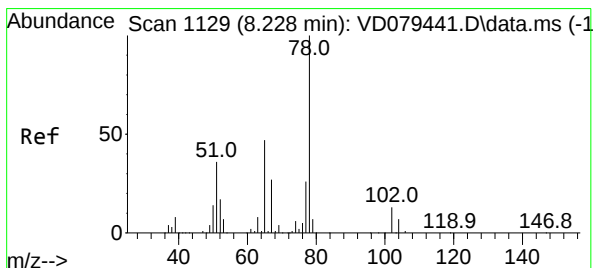
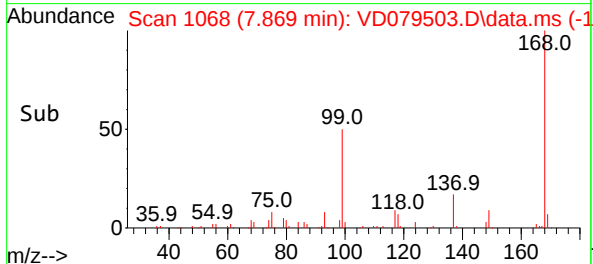
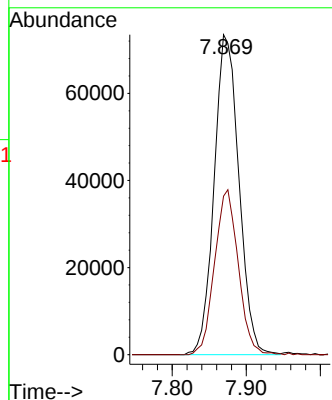
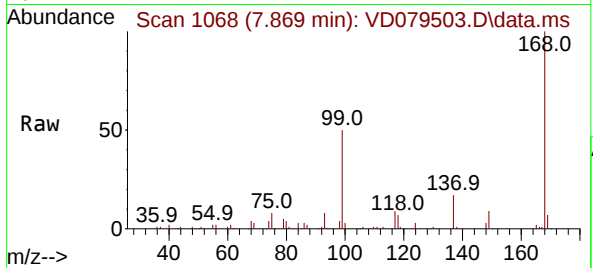




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

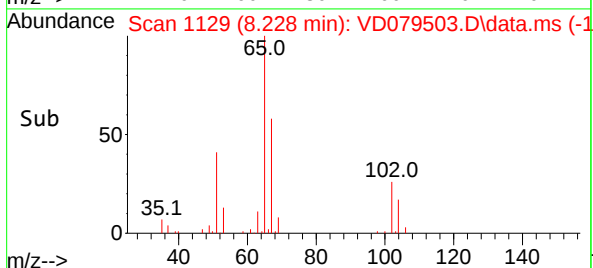
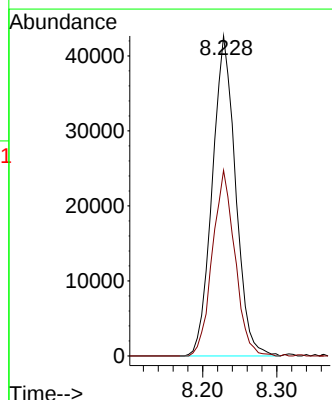
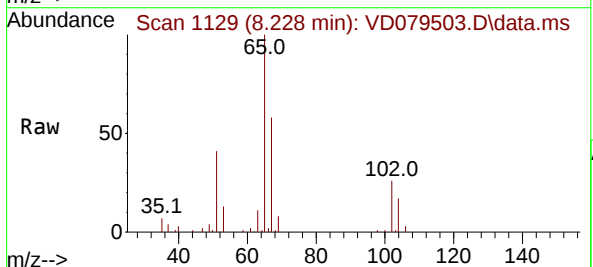
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-05-072324

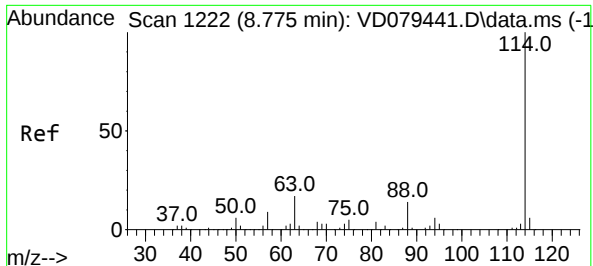
Tgt Ion:168 Resp: 170535
Ion Ratio Lower Upper
168 100
99 49.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 53.712 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion: 65 Resp: 93054
Ion Ratio Lower Upper
65 100
67 56.1 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: VD079503.D

Acq: 31 Jul 2024 18:28

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-05-072324

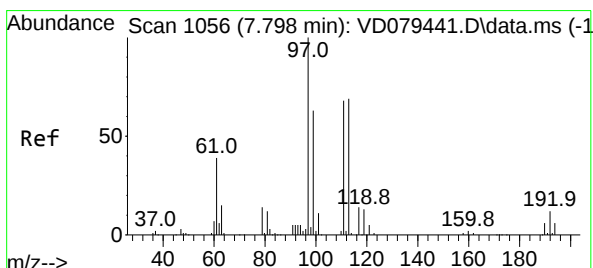
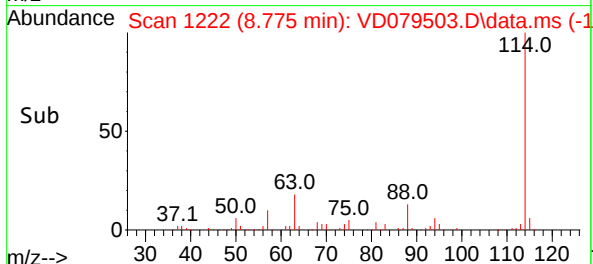
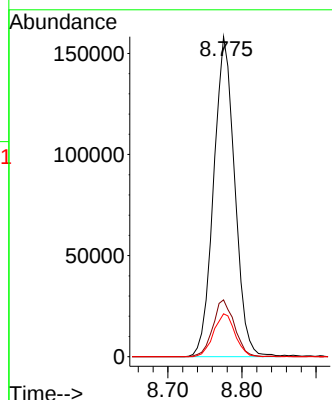
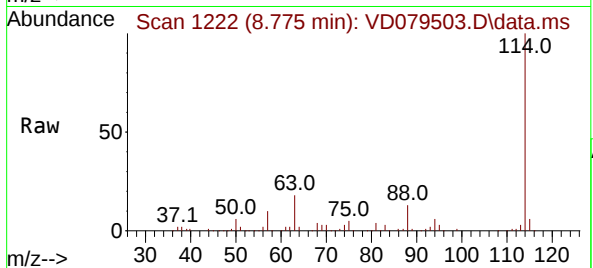
Tgt Ion:114 Resp: 312860

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.865 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079503.D

Acq: 31 Jul 2024 18:28

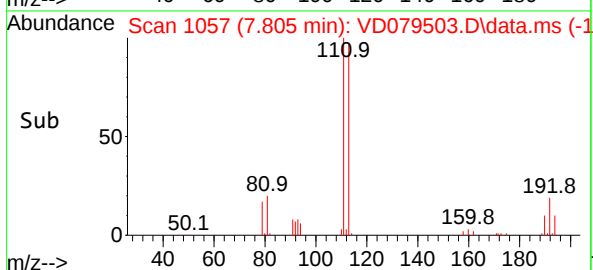
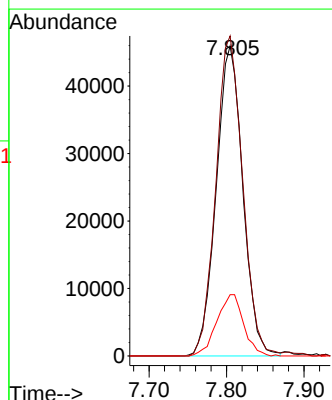
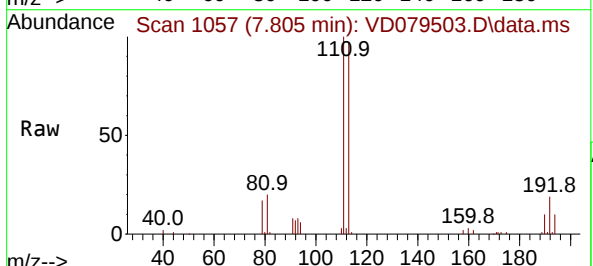
Tgt Ion:113 Resp: 109829

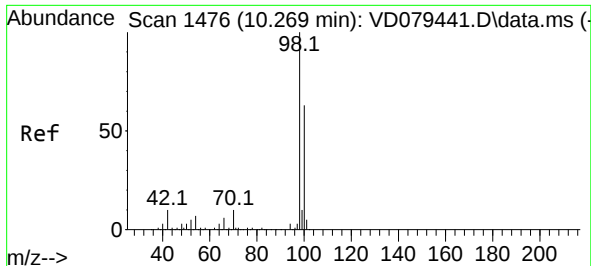
Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 20.0 15.4 23.0

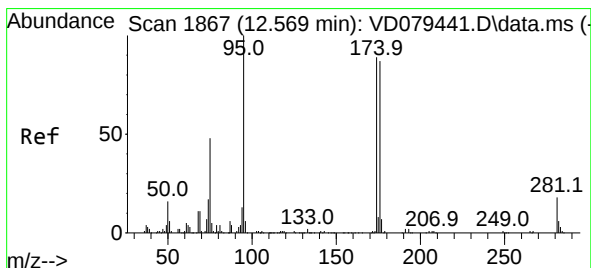
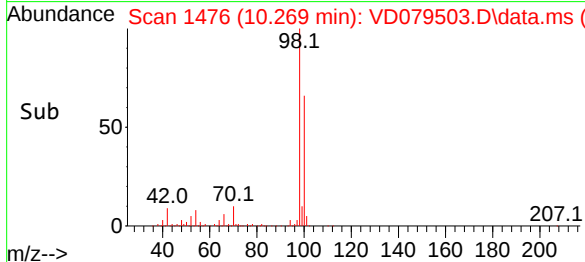
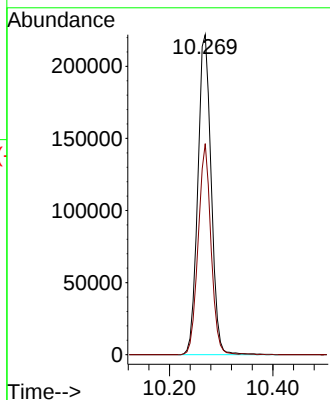
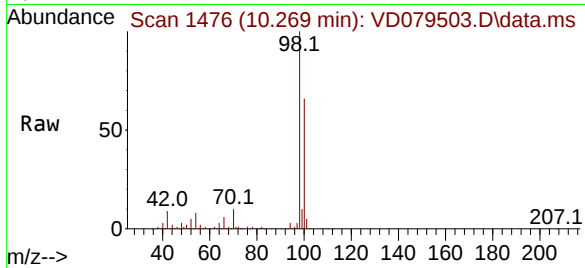




#50
Toluene-d8
Concen: 48.333 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

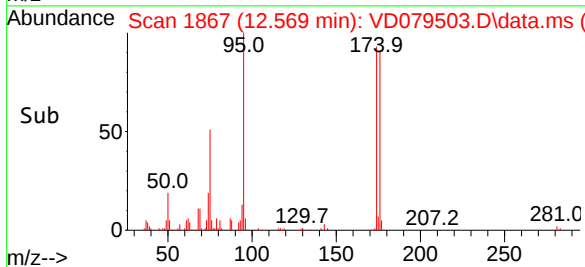
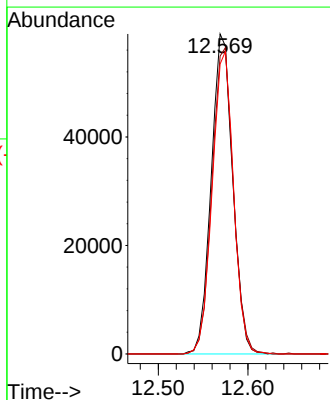
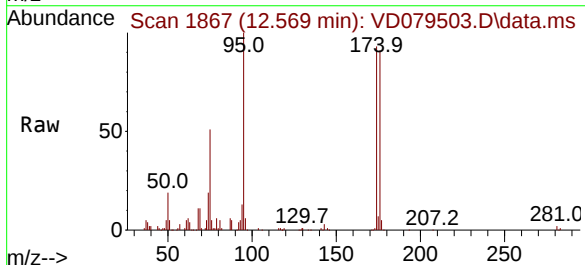
Instrument :
MSVOA_D
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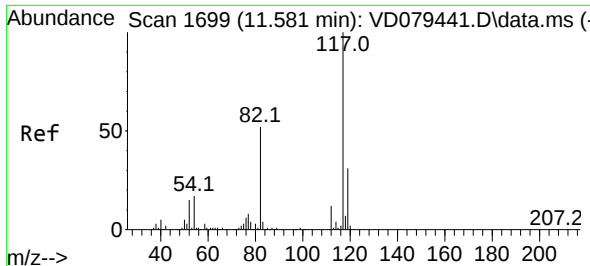
Tgt Ion: 98 Resp: 397461
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.254 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion: 95 Resp: 98171
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.4
176 93.5 0.0 192.6

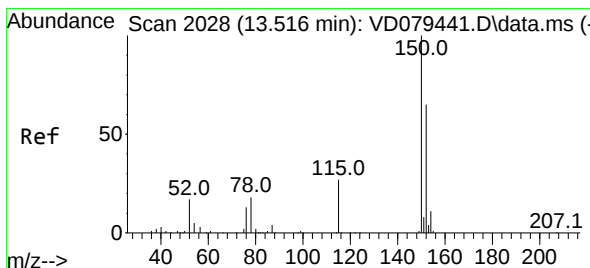
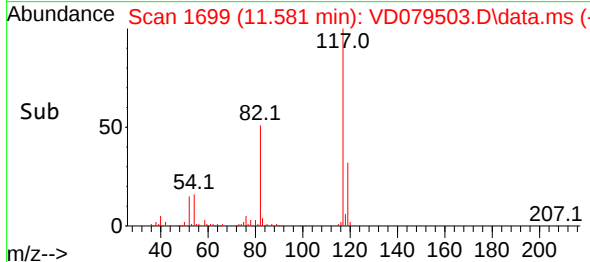
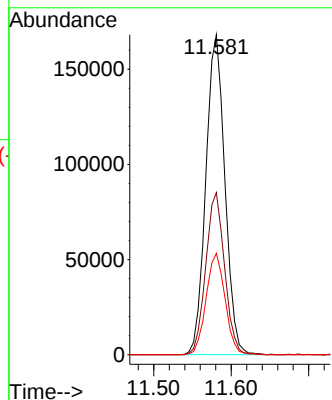
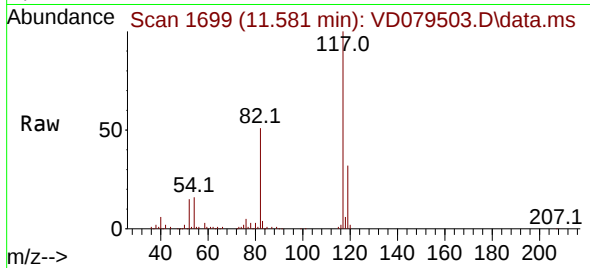




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-05-072324

Tgt Ion:117 Resp: 287202
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079503.D
Acq: 31 Jul 2024 18:28

Tgt Ion:152 Resp: 117829
Ion Ratio Lower Upper
152 100
115 53.2 26.5 79.5
150 155.4 0.0 341.6

