

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079456.D
 Acq On : 30 Jul 2024 14:03
 Operator : RP/MD
 Sample : P3379-01
 Misc : 6.35G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-PCS-01-072324

Quant Time: Jul 31 01:52:24 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	7.875	168	130517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85584	64.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.100%
35) Dibromofluoromethane	7.805	113	100328	59.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.700%
50) Toluene-d8	10.269	98	328078	49.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.569	95	84257	44.357	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.720%

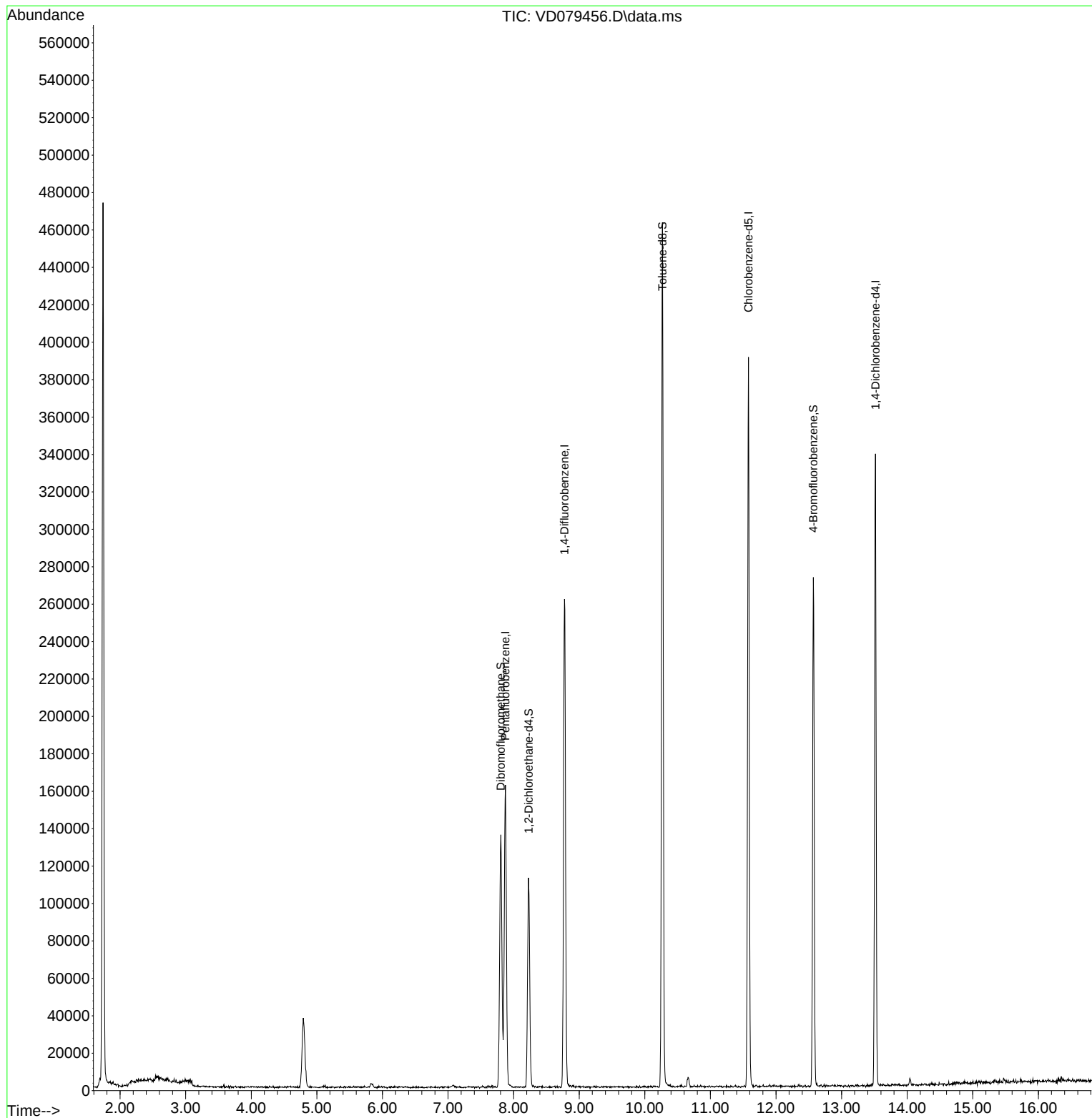
Target Compounds	Qvalue

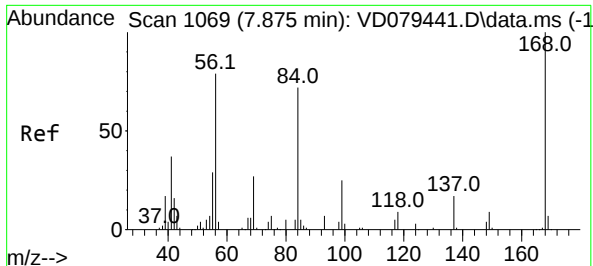
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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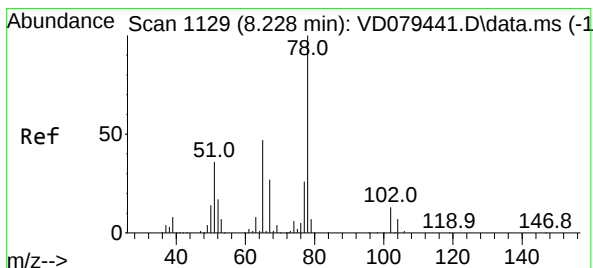
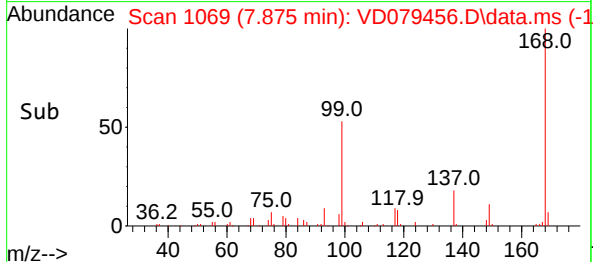
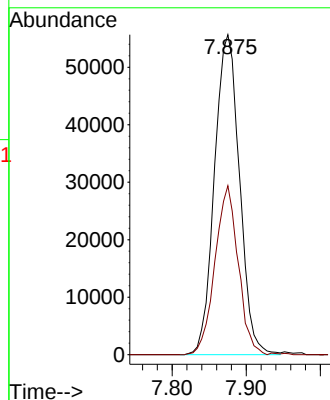
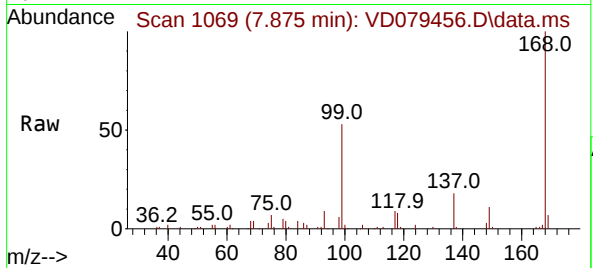




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079456.D
Acq: 30 Jul 2024 14:03

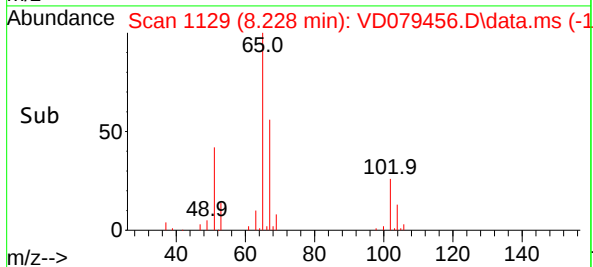
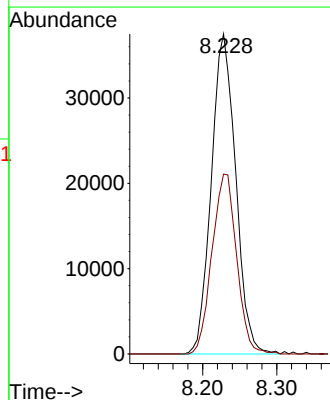
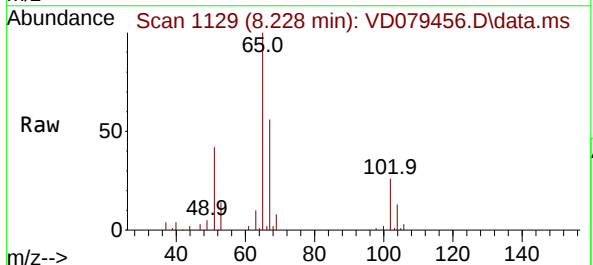
Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-01-072324

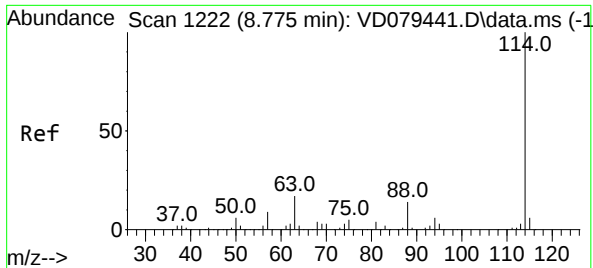
Tgt Ion:168 Resp: 130517
Ion Ratio Lower Upper
168 100
99 52.8 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 64.546 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079456.D
Acq: 30 Jul 2024 14:03

Tgt Ion: 65 Resp: 85584
Ion Ratio Lower Upper
65 100
67 56.8 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: VD079456.D

Acq: 30 Jul 2024 14:03

Instrument :

MSVOA_D

ClientSampleId :

OU4-PCS-01-072324

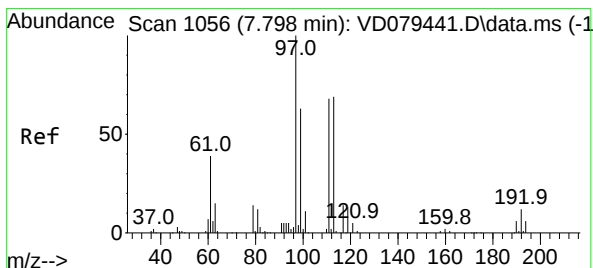
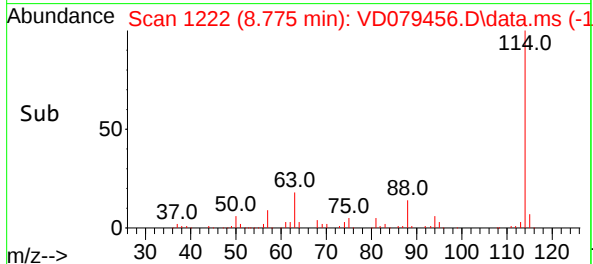
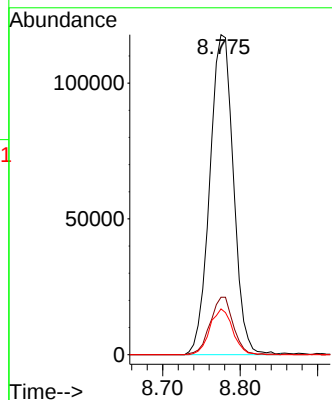
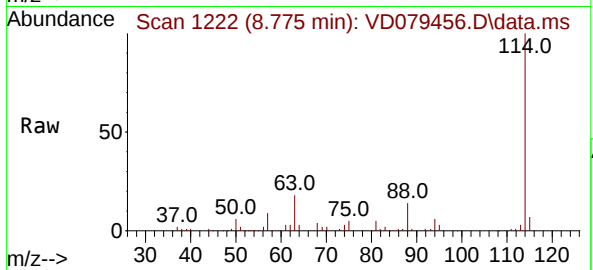
Tgt Ion:114 Resp: 249735

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.354 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079456.D

Acq: 30 Jul 2024 14:03

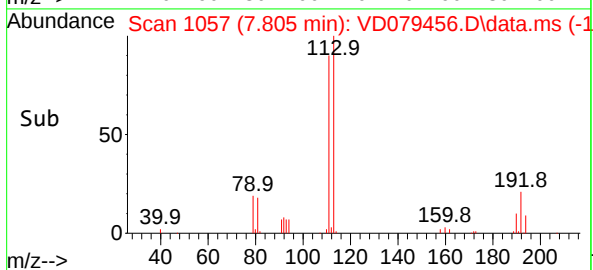
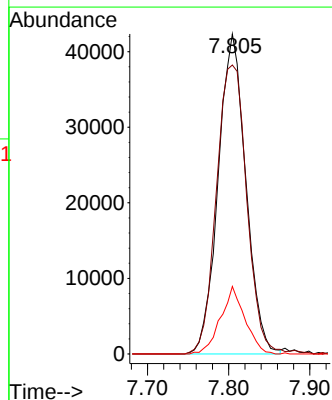
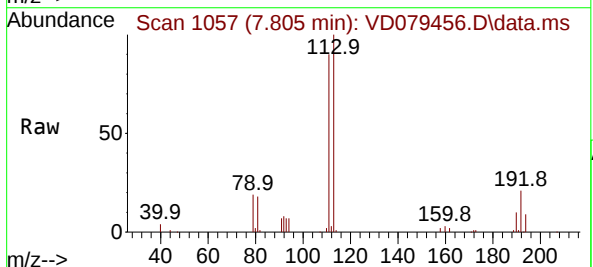
Tgt Ion:113 Resp: 100328

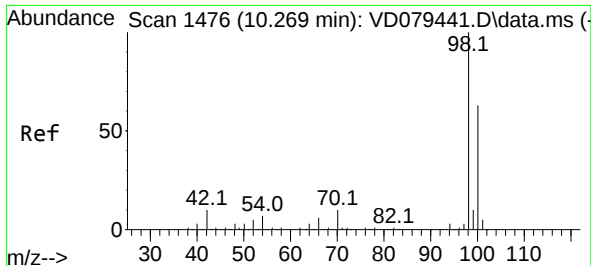
Ion Ratio Lower Upper

113 100

111 99.0 84.0 126.0

192 18.6 15.4 23.0

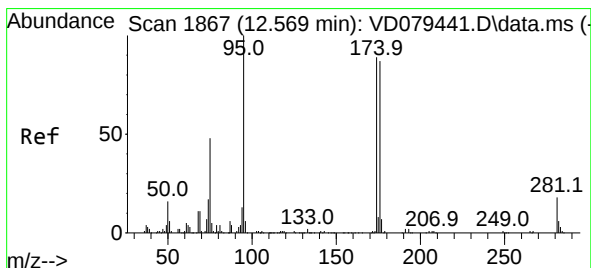
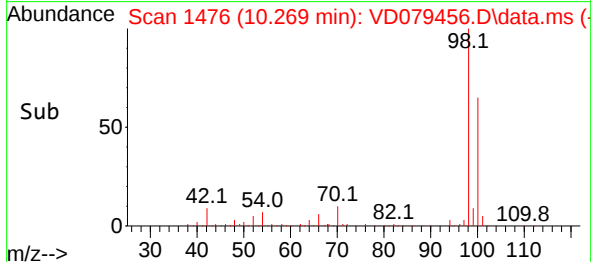
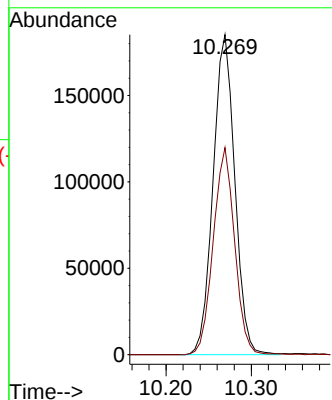
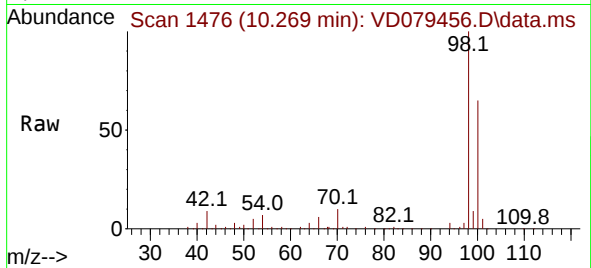




#50
Toluene-d8
Concen: 49.980 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079456.D
Acq: 30 Jul 2024 14:03

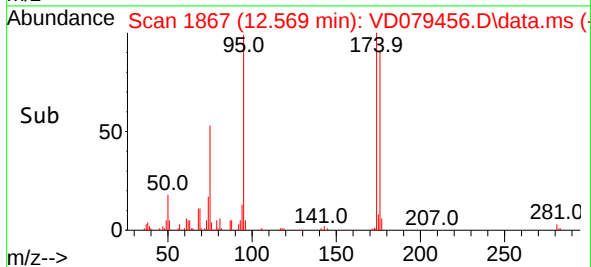
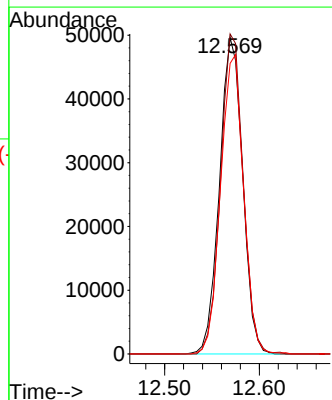
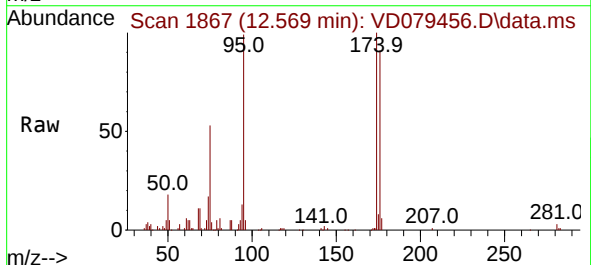
Instrument :
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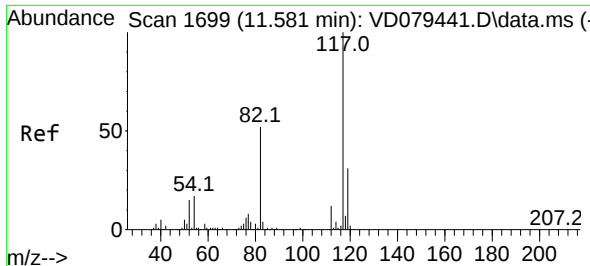
Tgt Ion: 98 Resp: 328078
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.357 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079456.D
Acq: 30 Jul 2024 14:03

Tgt Ion: 95 Resp: 84257
Ion Ratio Lower Upper
95 100
174 98.5 0.0 195.4
176 93.8 0.0 192.6

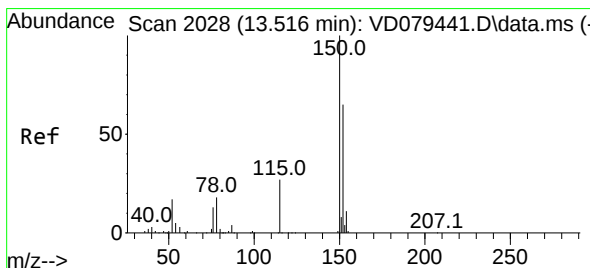
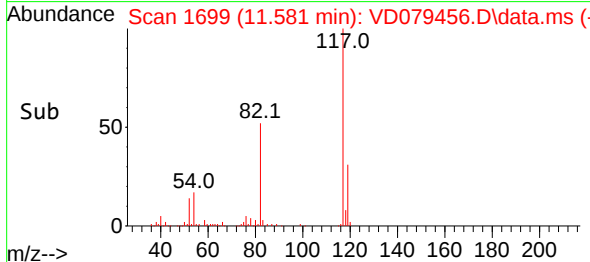
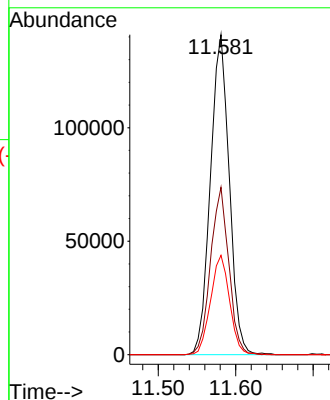
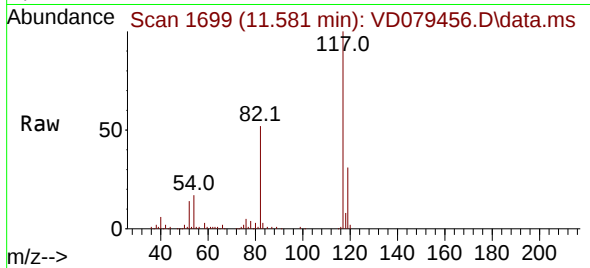




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD079456.D
Acq: 30 Jul 2024 14:03

Instrument :
MSVOA_D
ClientSampleId :
OU4-PCS-01-072324

Tgt Ion:117 Resp: 238291
Ion Ratio Lower Upper
117 100
82 52.3 39.8 59.6
119 31.1 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: VD079456.D
Acq: 30 Jul 2024 14:03

Tgt Ion:152 Resp: 97276
Ion Ratio Lower Upper
152 100
115 52.2 26.5 79.5
150 153.9 0.0 341.6

