

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079579.D
 Acq On : 05 Aug 2024 14:32
 Operator : RP/MD
 Sample : P3463-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-082024

Quant Time: Aug 05 15:52:51 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	197223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	365111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	265887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	104423	52.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.240%
35) Dibromofluoromethane	7.804	113	110109	44.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.120%
50) Toluene-d8	10.269	98	339920	35.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.840%
62) 4-Bromofluorobenzene	12.569	95	72246	26.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.020%

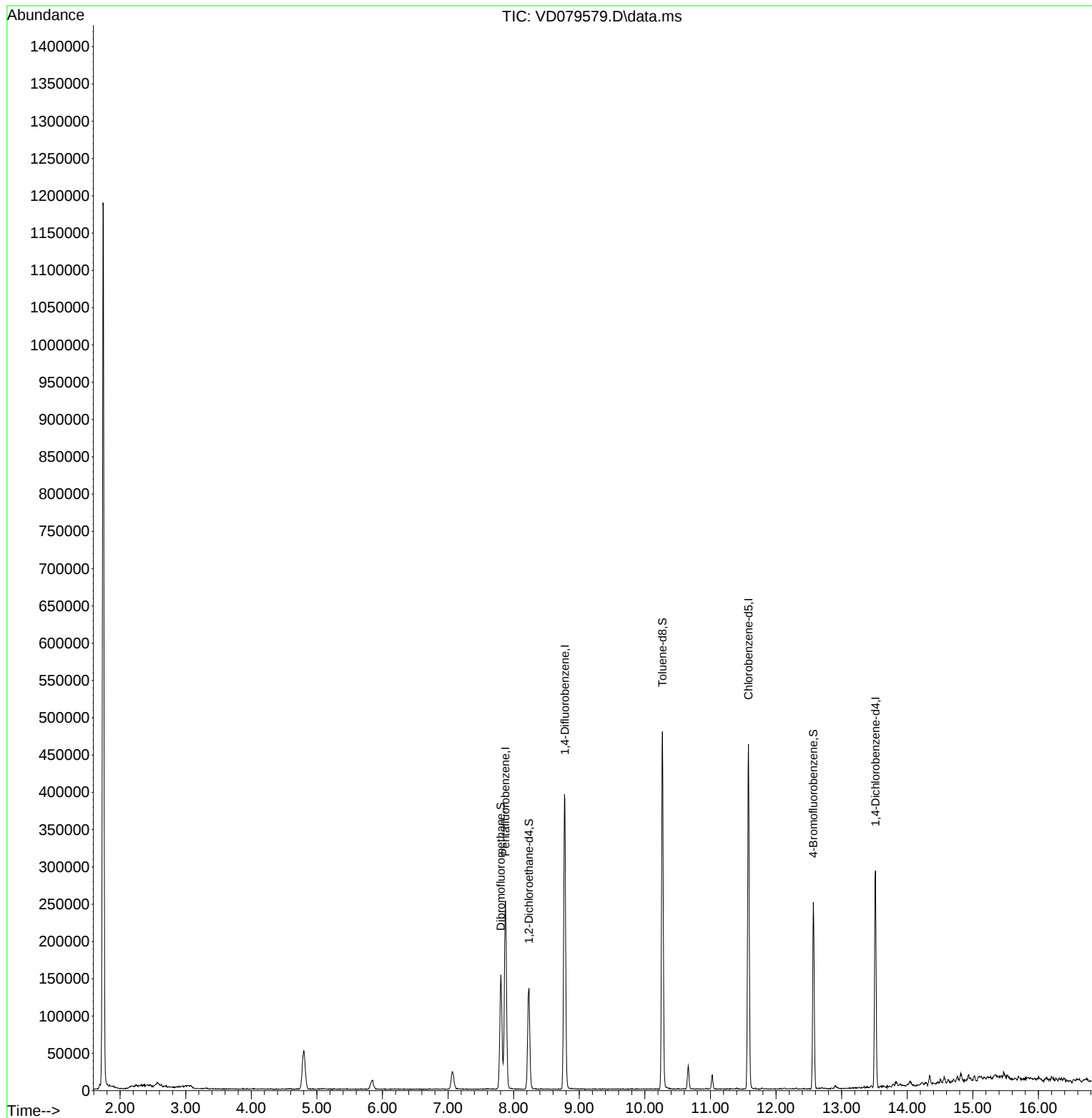
Target Compounds	Qvalue

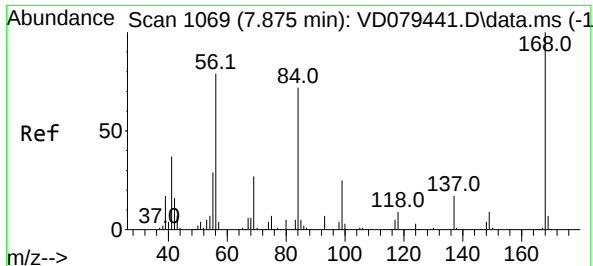
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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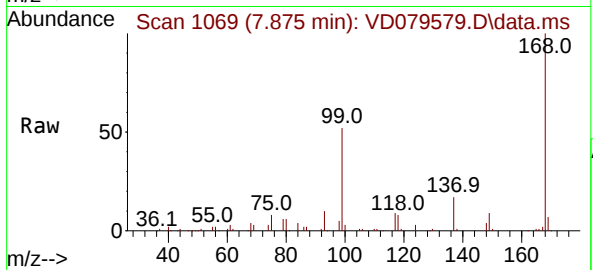
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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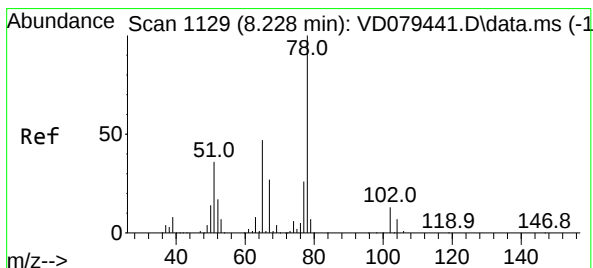
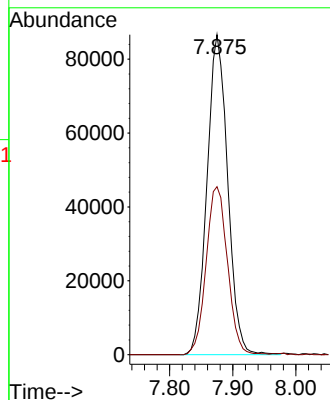
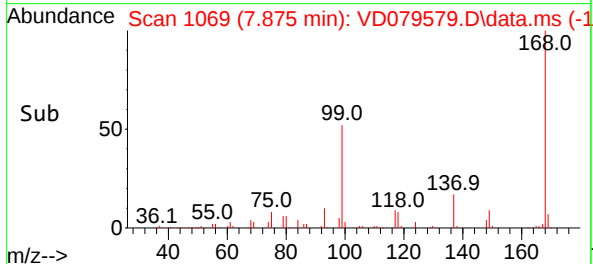


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079579.D
Acq: 05 Aug 2024 14:32

Instrument :
MSVOA_D
ClientSampleId :
TR-04-082024

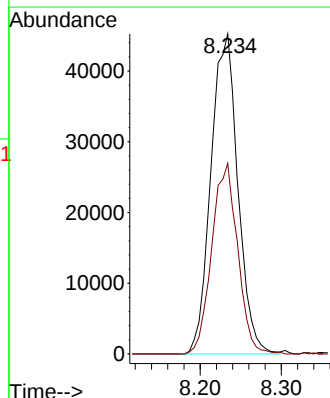
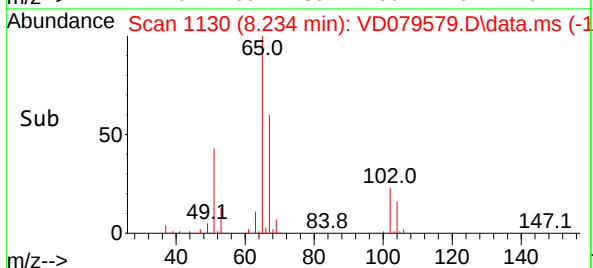
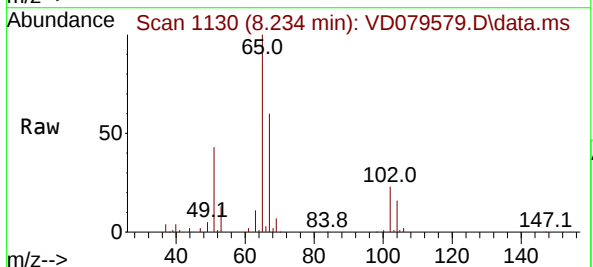


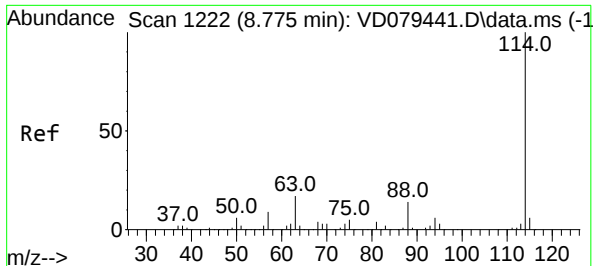
Tgt Ion:168 Resp: 197223
Ion Ratio Lower Upper
168 100
99 52.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 52.118 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079579.D
Acq: 05 Aug 2024 14:32

Tgt Ion: 65 Resp: 104423
Ion Ratio Lower Upper
65 100
67 57.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079579.D

Acq: 05 Aug 2024 14:32

Instrument :

MSVOA_D

ClientSampleId :

TR-04-082024

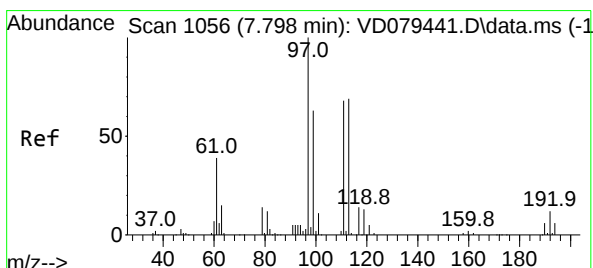
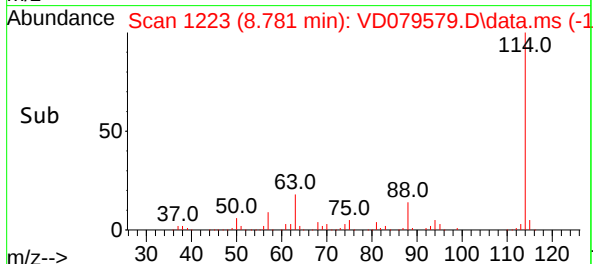
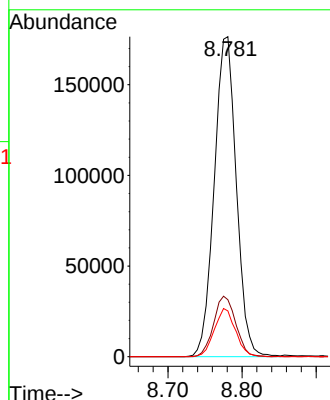
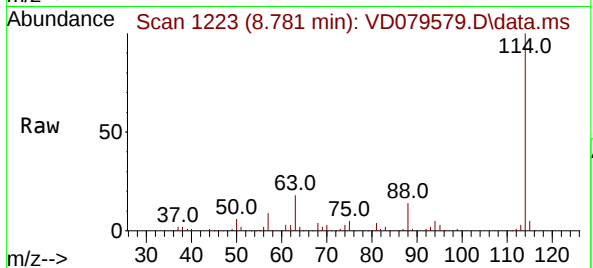
Tgt Ion:114 Resp: 365111

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.556 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079579.D

Acq: 05 Aug 2024 14:32

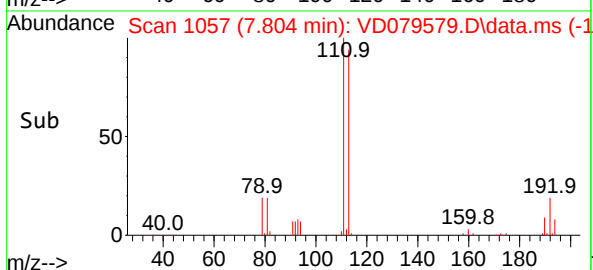
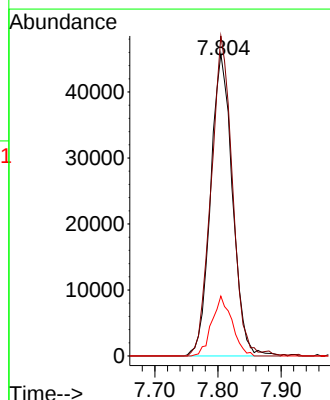
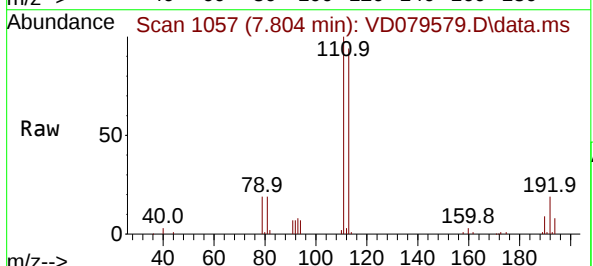
Tgt Ion:113 Resp: 110109

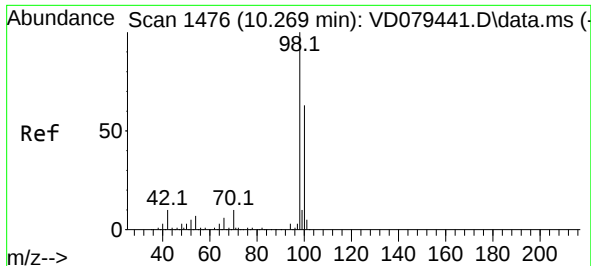
Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 18.3 15.4 23.0

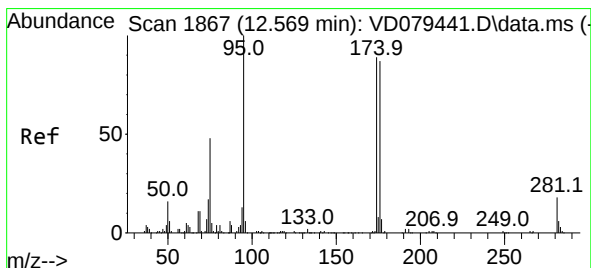
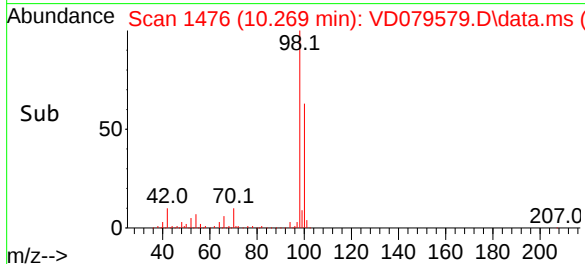
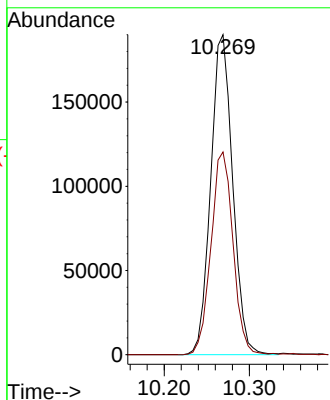
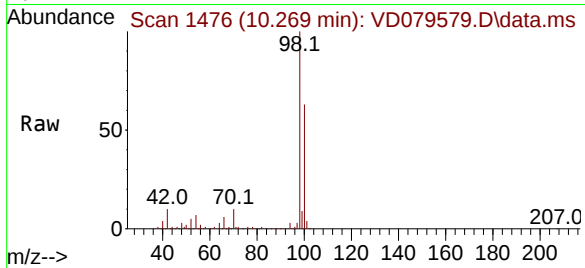




#50
Toluene-d8
Concen: 35.420 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079579.D
Acq: 05 Aug 2024 14:32

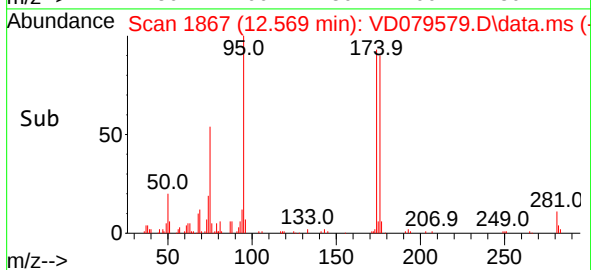
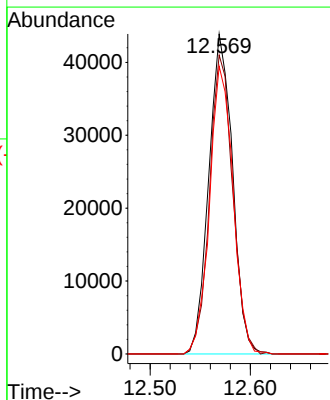
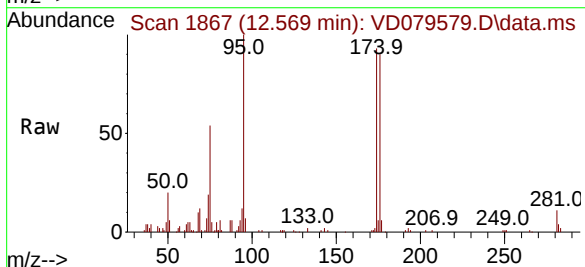
Instrument :
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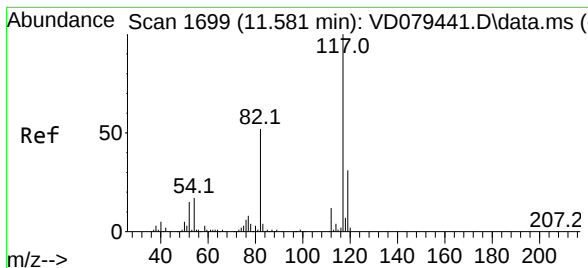
Tgt Ion: 98 Resp: 339920
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 26.015 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079579.D
Acq: 05 Aug 2024 14:32

Tgt Ion: 95 Resp: 72246
Ion Ratio Lower Upper
95 100
174 91.3 0.0 195.4
176 89.1 0.0 192.6

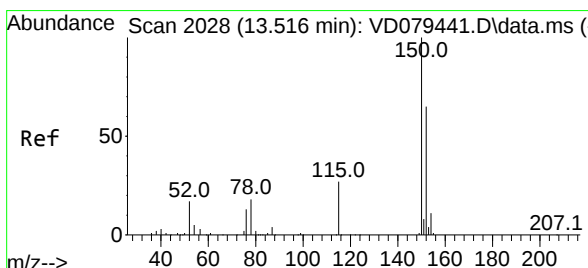
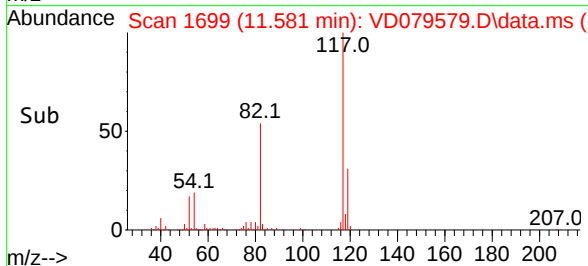
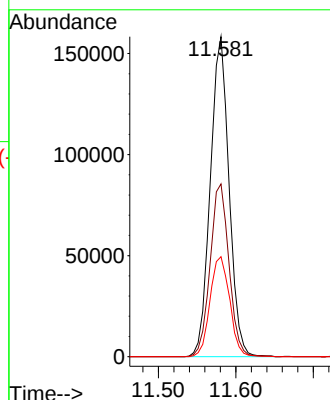
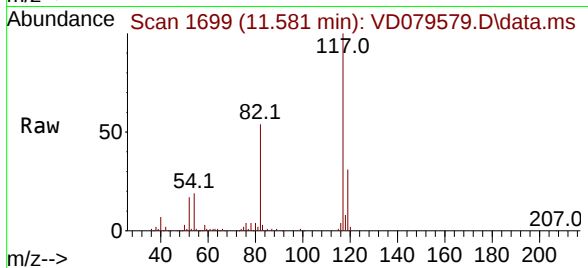




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079579.D
Acq: 05 Aug 2024 14:32

Instrument :
MSVOA_D
ClientSampleId :
TR-04-082024

Tgt Ion:117 Resp: 265887
Ion Ratio Lower Upper
117 100
82 54.0 39.8 59.6
119 31.2 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: VD079579.D
Acq: 05 Aug 2024 14:32

Tgt Ion:152 Resp: 80785
Ion Ratio Lower Upper
152 100
115 57.3 26.5 79.5
150 157.5 0.0 341.6

