

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079600.D
 Acq On : 06 Aug 2024 01:56
 Operator : RP/MD
 Sample : P3409-04
 Misc : 6.52G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-869-J-SO-2-2.5-073024

Quant Time: Aug 06 05:11:59 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	184830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	105634	56.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.520%
35) Dibromofluoromethane	7.805	113	111134	45.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.940%
50) Toluene-d8	10.269	98	389997	41.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.180%
62) 4-Bromofluorobenzene	12.569	95	103649	37.738	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.480%

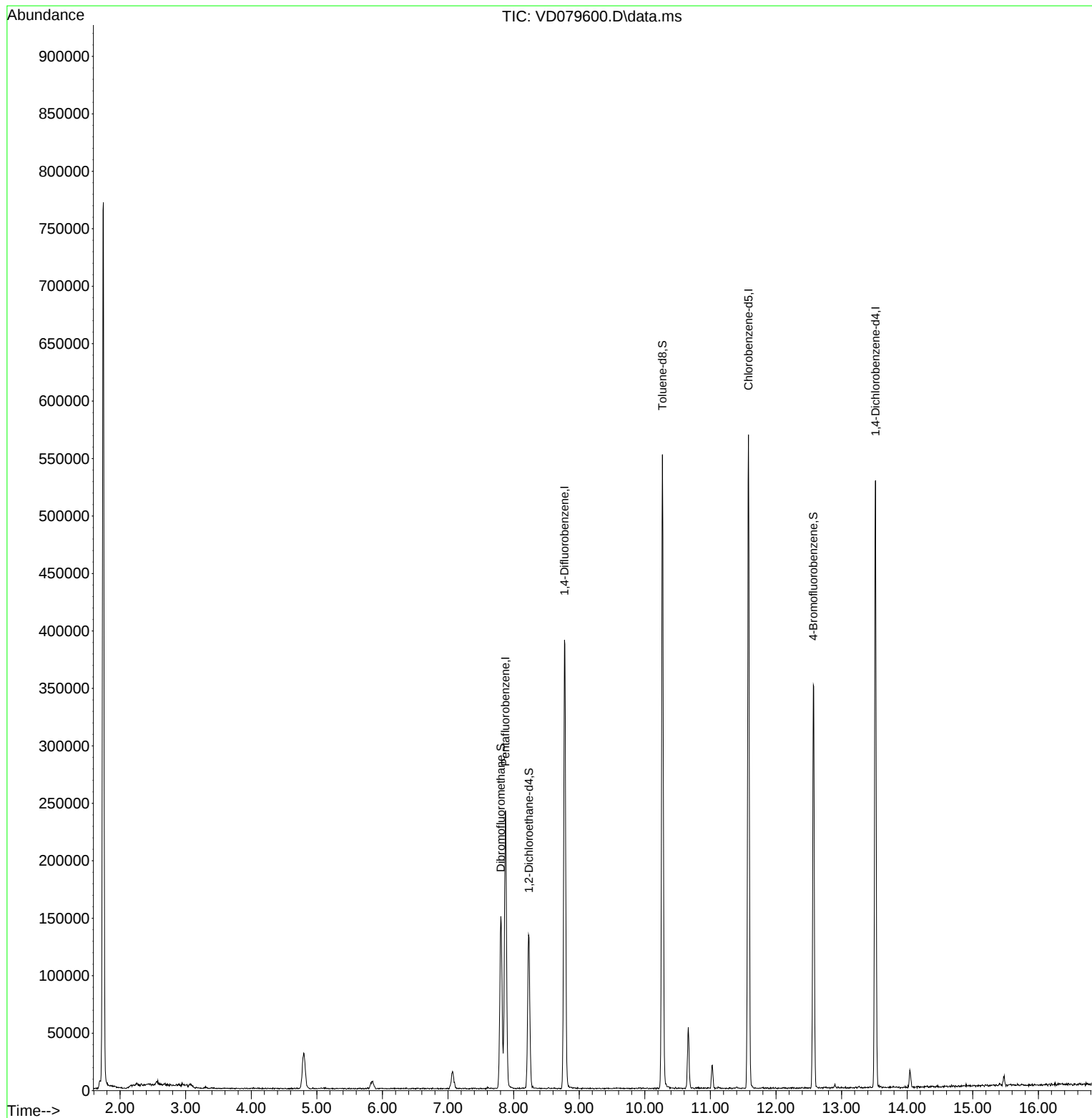
Target Compounds	Qvalue

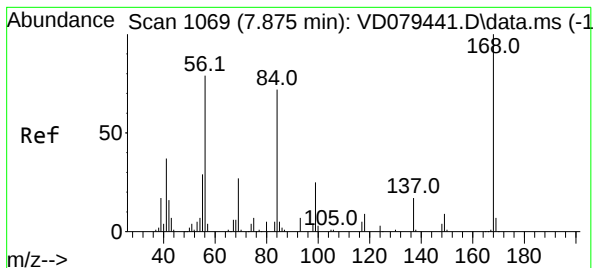
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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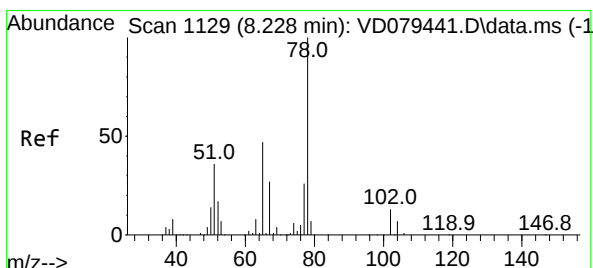
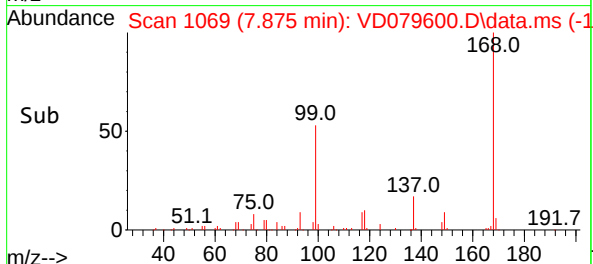
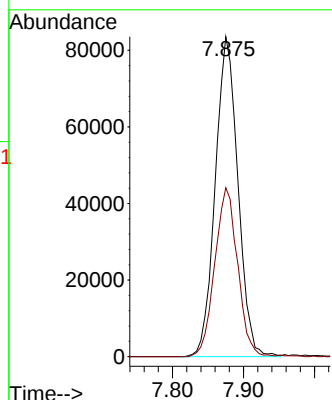
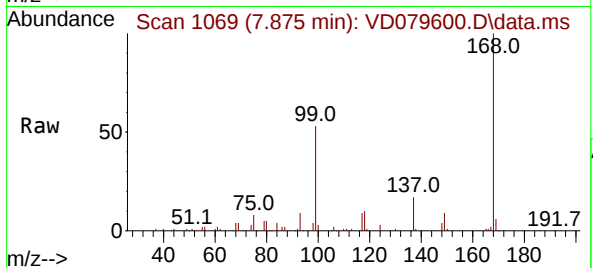




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VD079600.D
Acq: 06 Aug 2024 01:56

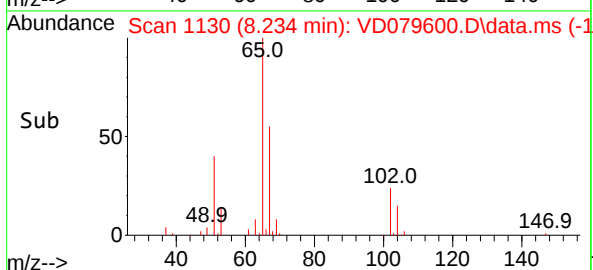
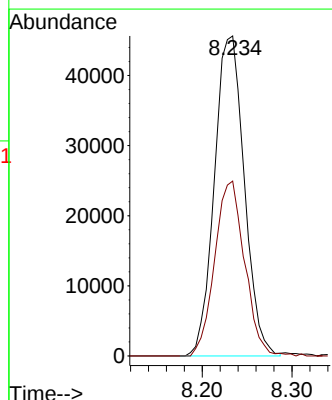
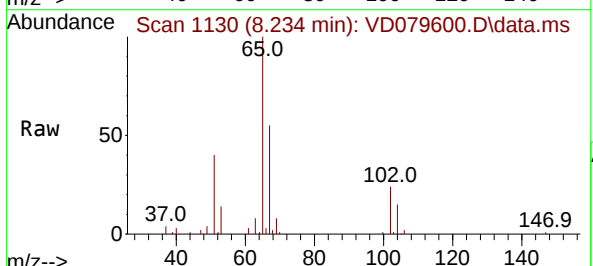
Instrument :
MSVOA_D
ClientSampleId :
S-869-J-SO-2-2.5-073024

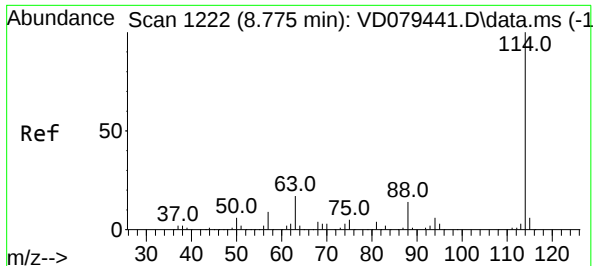
Tgt Ion:168 Resp: 184830
Ion Ratio Lower Upper
168 100
99 52.8 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 56.257 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079600.D
Acq: 06 Aug 2024 01:56

Tgt Ion: 65 Resp: 105634
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079600.D

Acq: 06 Aug 2024 01:56

Instrument :

MSVOA_D

ClientSampleId :

S-869-J-SO-2-2.5-073024

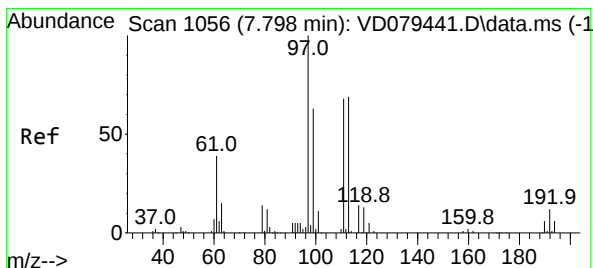
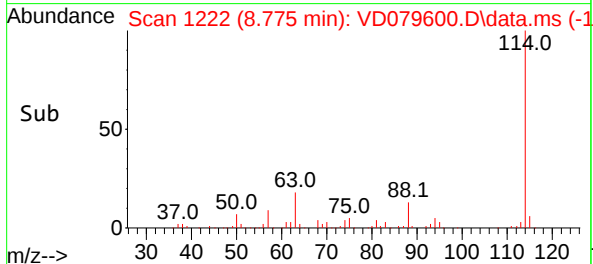
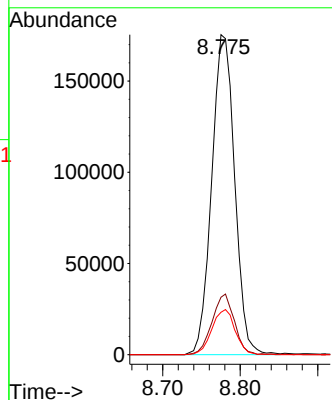
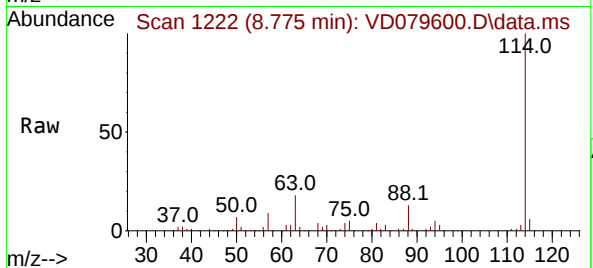
Tgt Ion:114 Resp: 361090

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.472 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079600.D

Acq: 06 Aug 2024 01:56

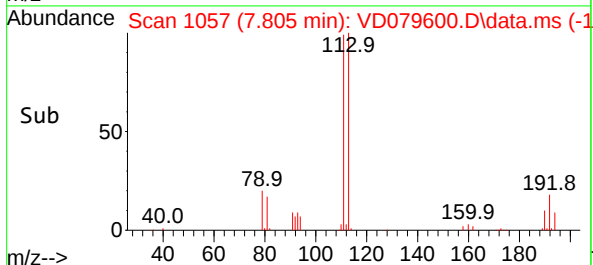
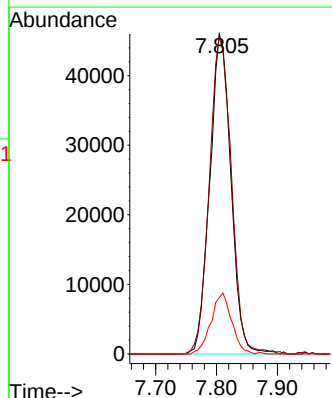
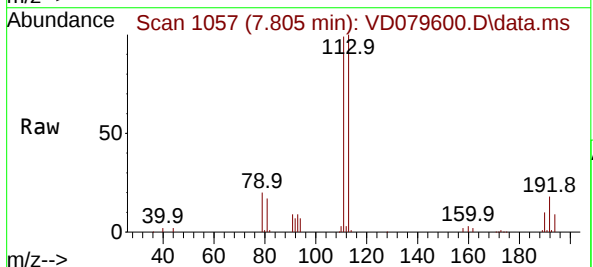
Tgt Ion:113 Resp: 111134

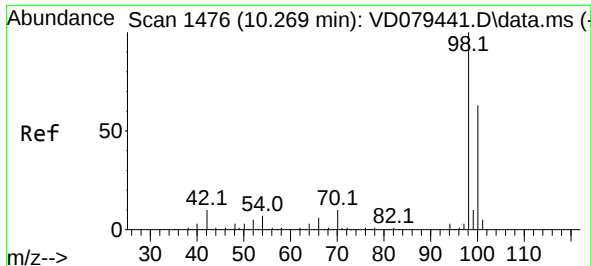
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 18.6 15.4 23.0

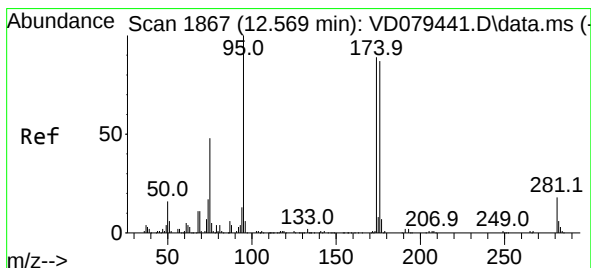
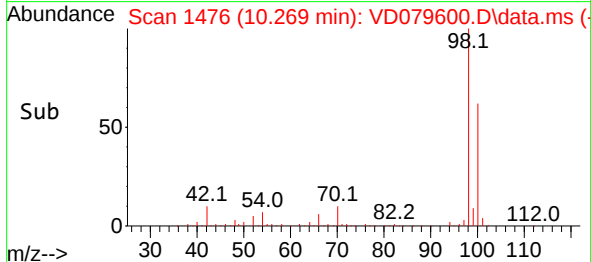
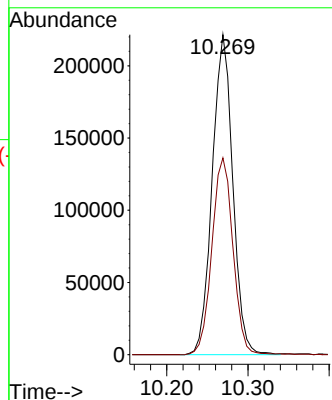
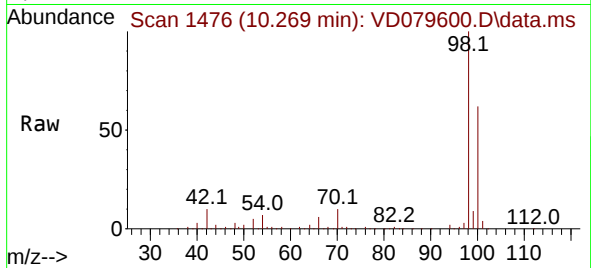




#50
Toluene-d8
Concen: 41.091 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079600.D
Acq: 06 Aug 2024 01:56

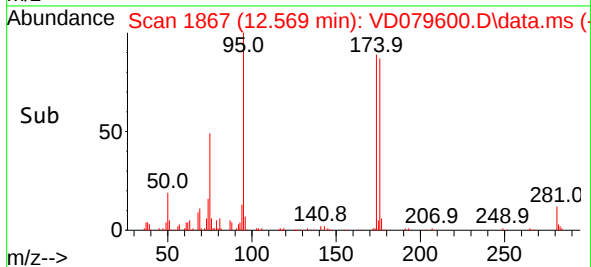
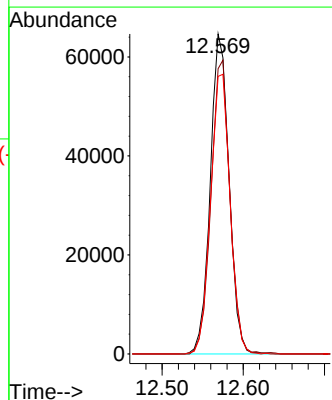
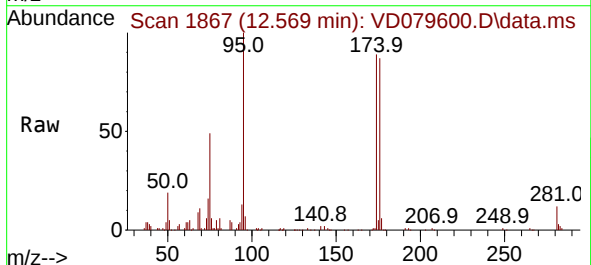
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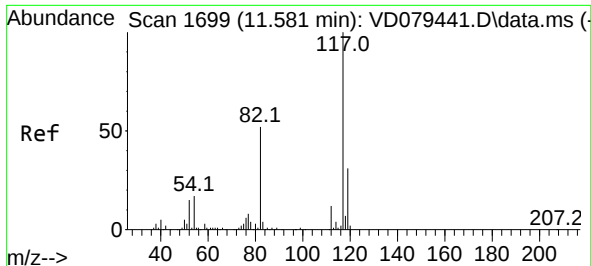
Tgt Ion: 98 Resp: 389997
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.738 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079600.D
Acq: 06 Aug 2024 01:56

Tgt Ion: 95 Resp: 103649
Ion Ratio Lower Upper
95 100
174 92.7 0.0 195.4
176 91.0 0.0 192.6

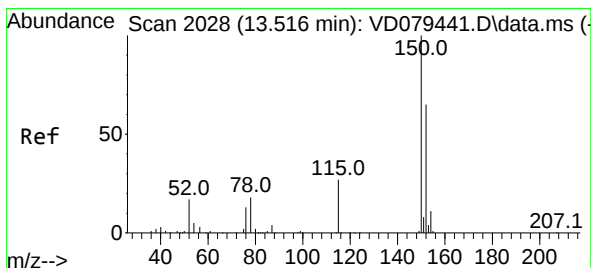
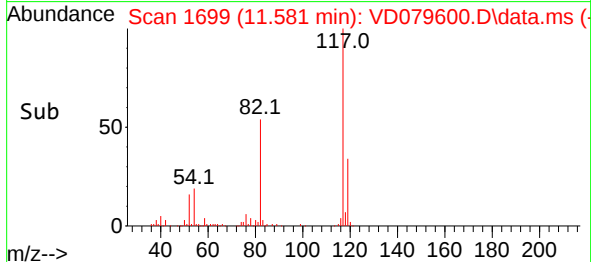
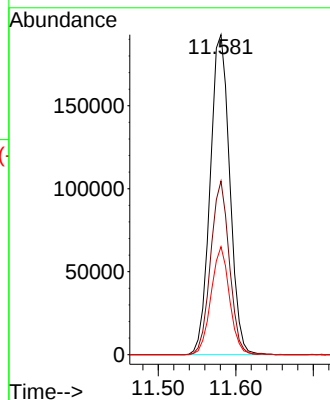
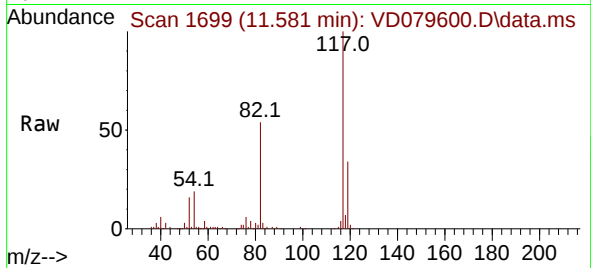




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079600.D
Acq: 06 Aug 2024 01:56

Instrument :
MSVOA_D
ClientSampleId :
S-869-J-SO-2-2.5-073024

Tgt Ion:117 Resp: 337975
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 33.7 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: VD079600.D
Acq: 06 Aug 2024 01:56

Tgt Ion:152 Resp: 146619
Ion Ratio Lower Upper
152 100
115 54.8 26.5 79.5
150 156.7 0.0 341.6

