

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079616.D
 Acq On : 06 Aug 2024 11:59
 Operator : RP/MD
 Sample : VD0806SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBL01

Quant Time: Aug 07 02:47:22 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	206782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	380719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102819	48.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.804	113	112742	43.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.500%
50) Toluene-d8	10.269	98	417866	41.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.520%
62) 4-Bromofluorobenzene	12.575	95	109857	37.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.880%

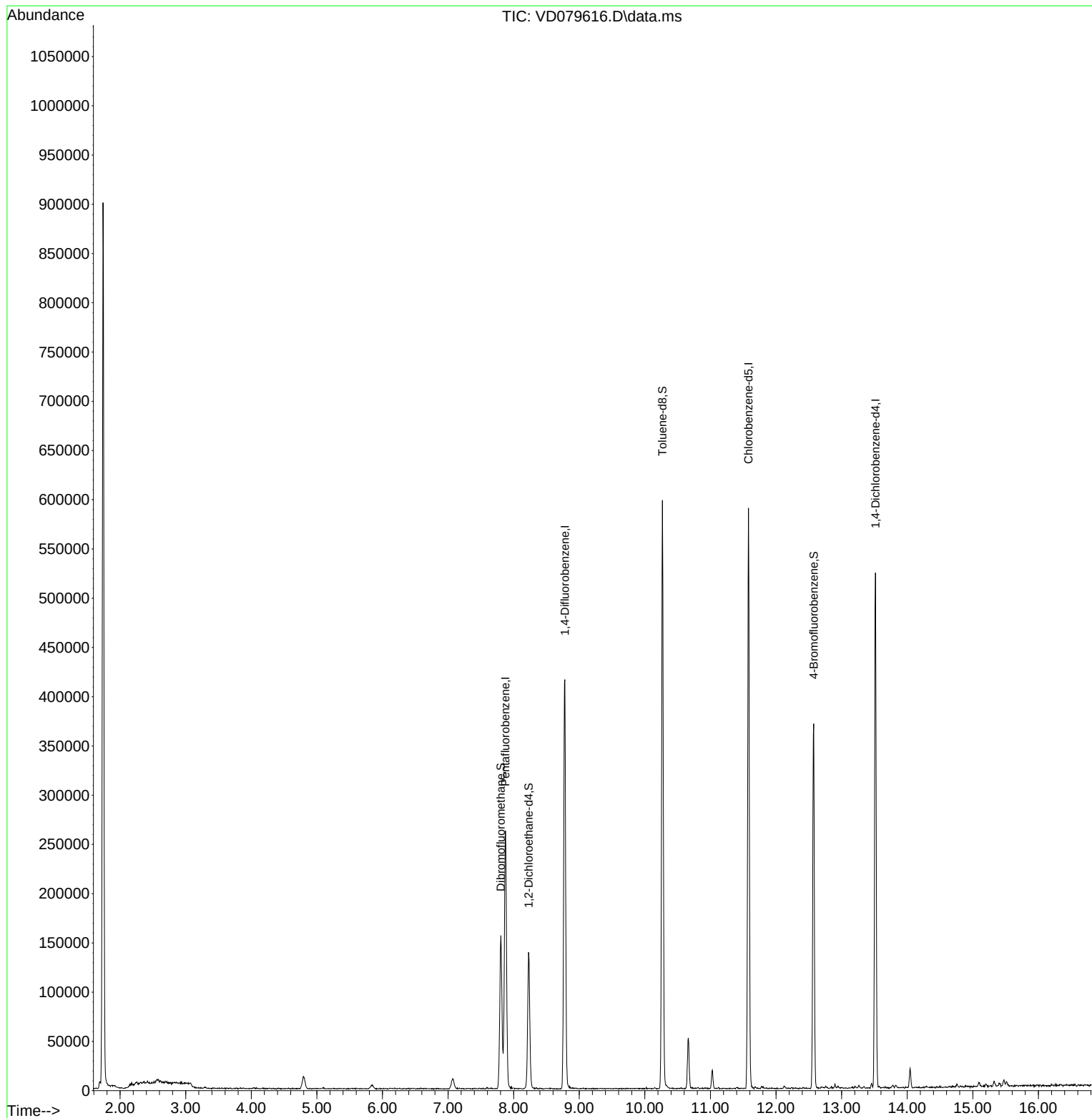
Target Compounds	Qvalue

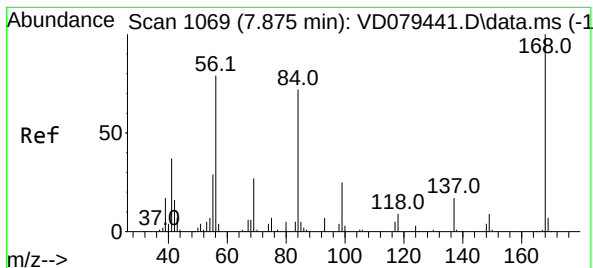
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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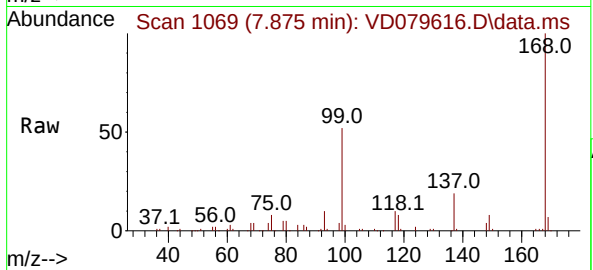
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



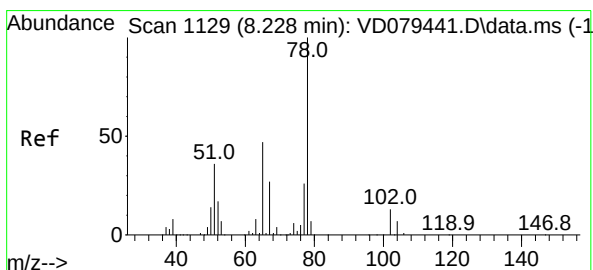
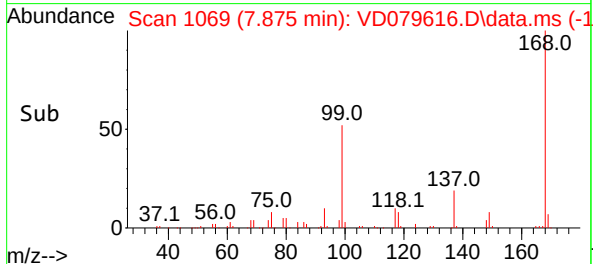
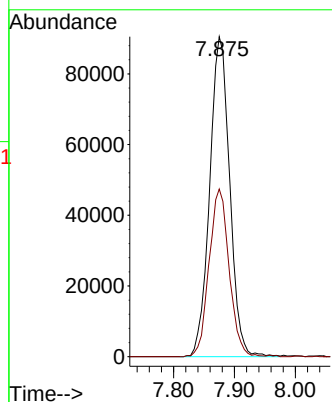


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

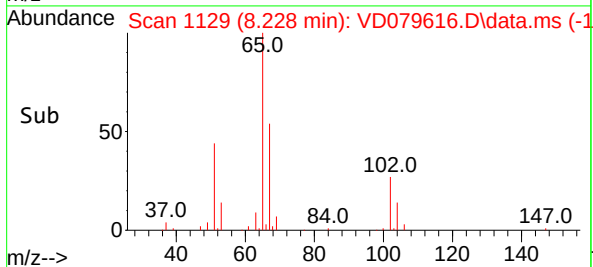
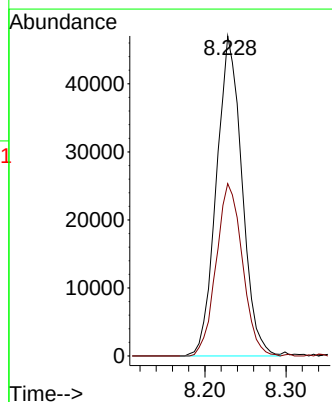
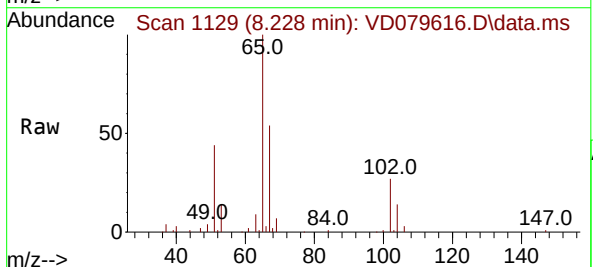


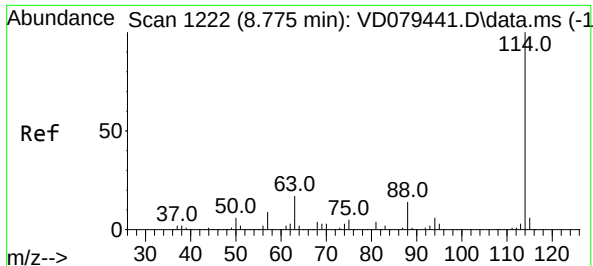
Tgt Ion:168 Resp: 206782
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 48.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 65 Resp: 102819
Ion Ratio Lower Upper
65 100
67 55.3 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: VD079616.D

Acq: 06 Aug 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBL01

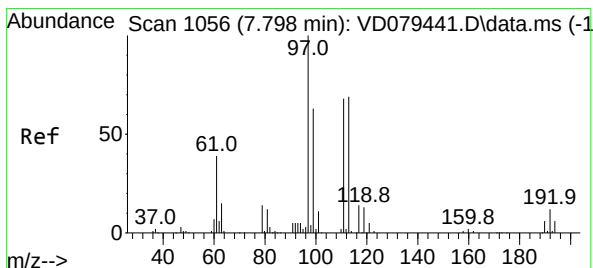
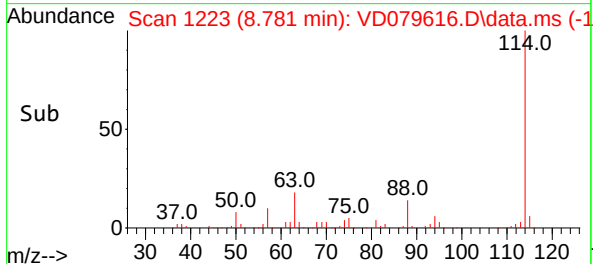
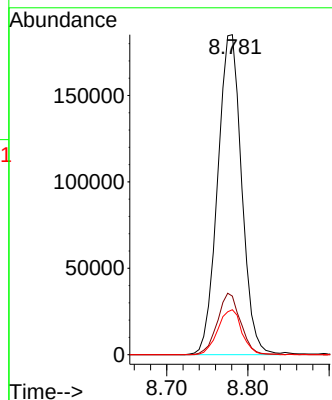
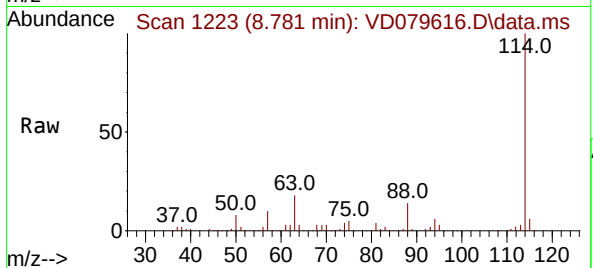
Tgt Ion:114 Resp: 380719

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.751 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

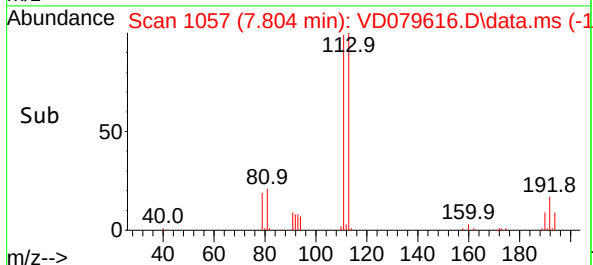
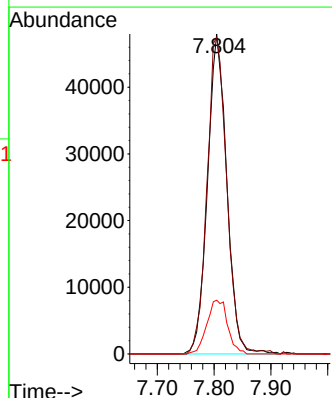
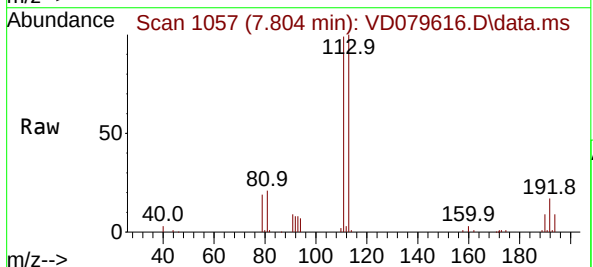
Tgt Ion:113 Resp: 112742

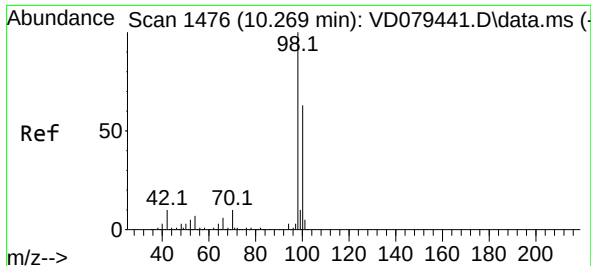
Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

192 18.1 15.4 23.0

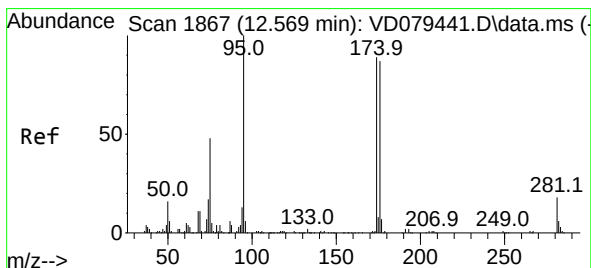
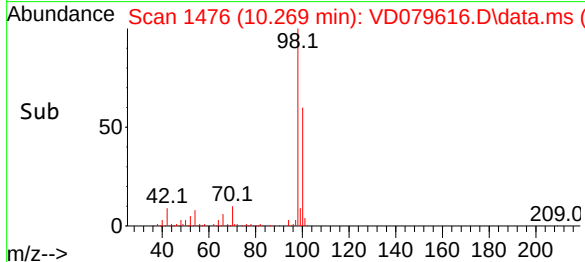
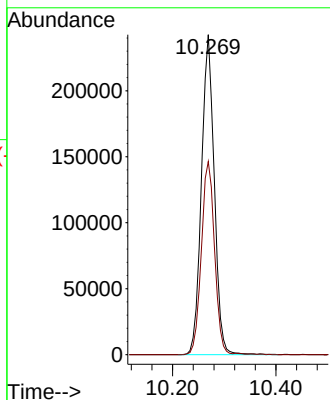
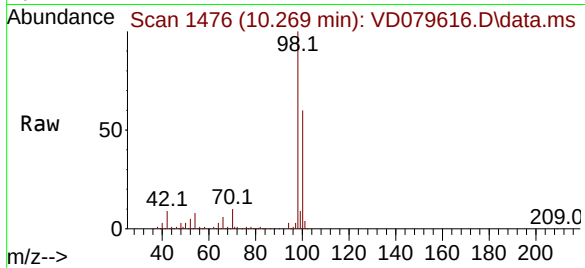




#50
Toluene-d8
Concen: 41.757 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

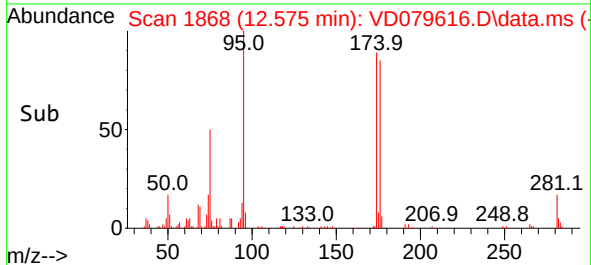
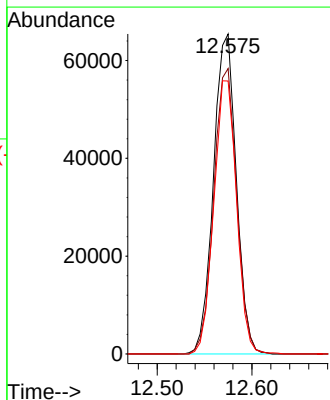
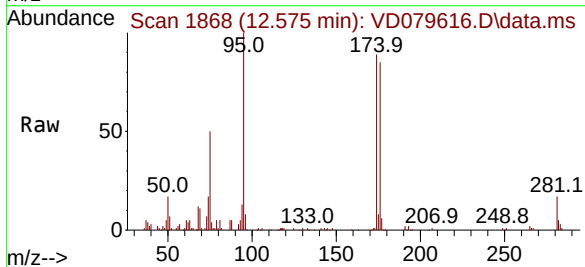
Instrument :
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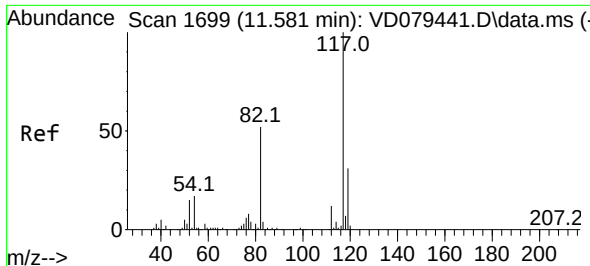
Tgt Ion: 98 Resp: 417866
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.936 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 95 Resp: 109857
Ion Ratio Lower Upper
95 100
174 89.6 0.0 195.4
176 85.0 0.0 192.6

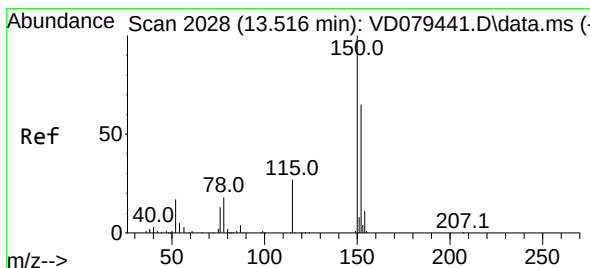
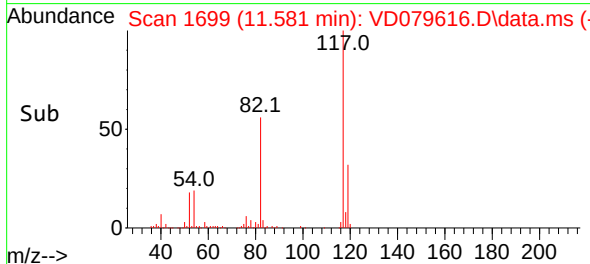
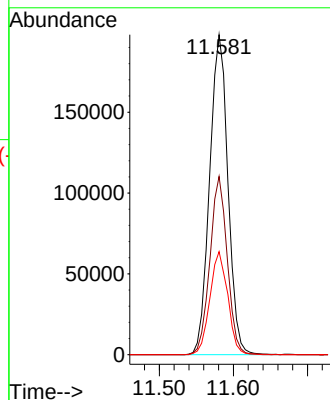
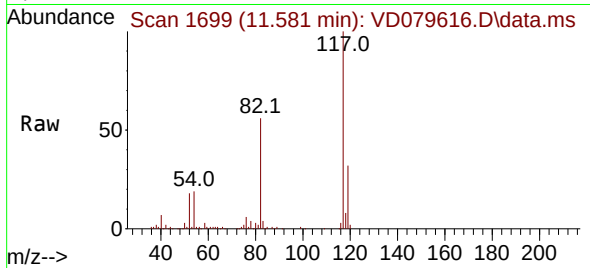




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion:117 Resp: 339495
Ion Ratio Lower Upper
117 100
82 55.7 39.8 59.6
119 32.2 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: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion:152 Resp: 146842
Ion Ratio Lower Upper
152 100
115 56.9 26.5 79.5
150 157.7 0.0 341.6

