

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079540.D
 Acq On : 02 Aug 2024 14:14
 Operator : RP/MD
 Sample : VD0802SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 00:30:53 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	202351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	367957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	127257	61.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.800%
35) Dibromofluoromethane	7.804	113	128588	51.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.269	98	482222	49.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.569	95	132660	47.400	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.800%

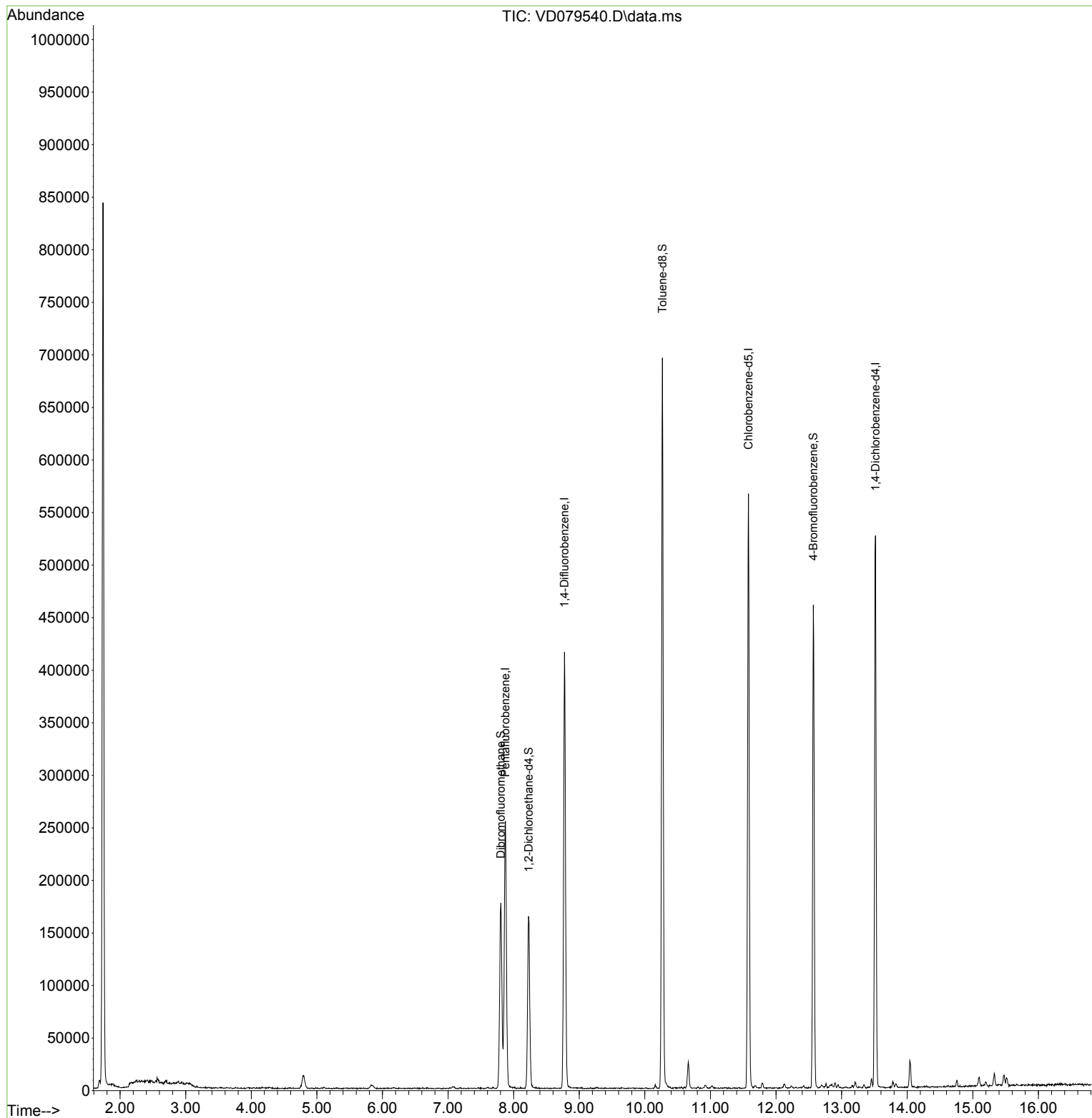
Target Compounds	Qvalue

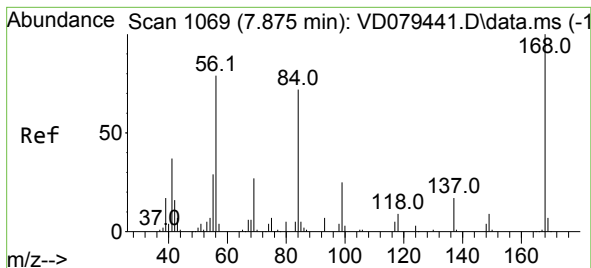
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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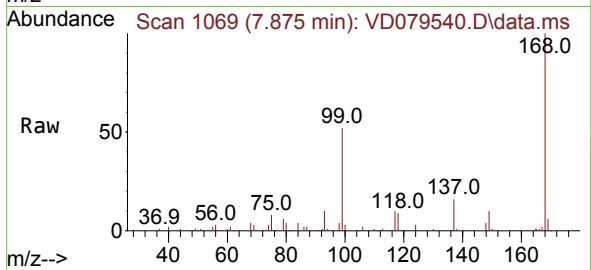
Quant Time: Aug 03 00:30:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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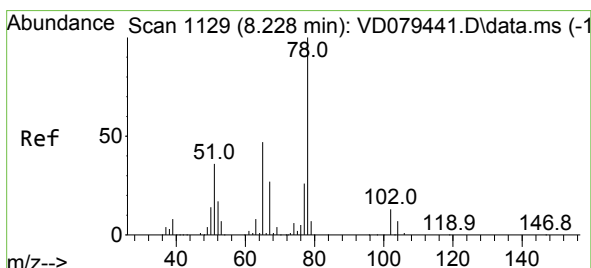
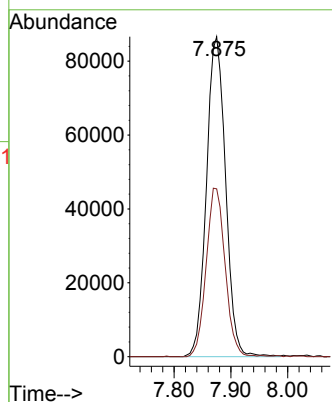
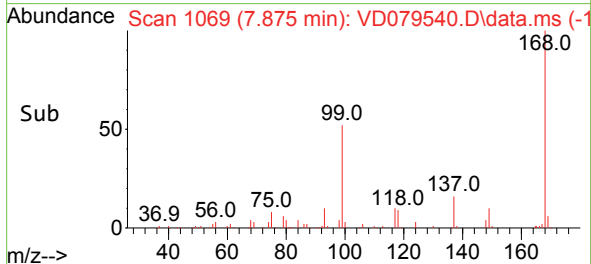


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079540.D
Acq: 02 Aug 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

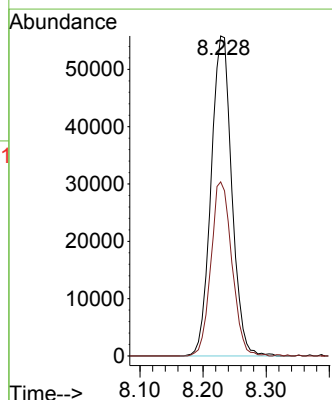
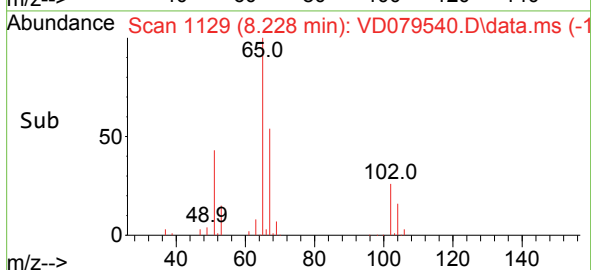
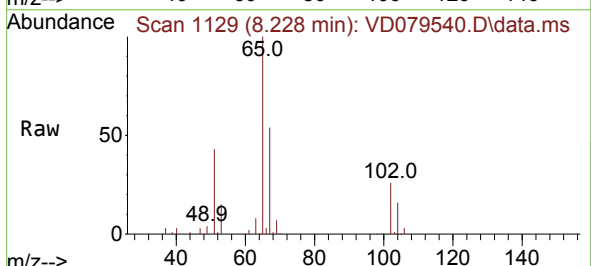


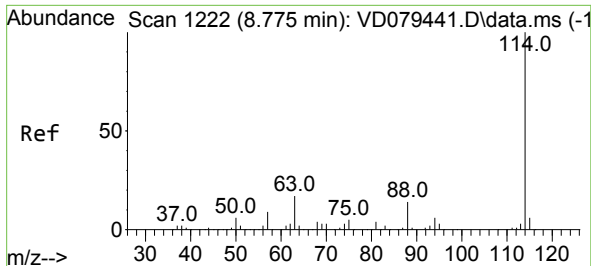
Tgt Ion:168 Resp: 202351
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.905 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079540.D
Acq: 02 Aug 2024 14:14

Tgt Ion: 65 Resp: 127257
Ion Ratio Lower Upper
65 100
67 55.0 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: VD079540.D

Acq: 02 Aug 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL01

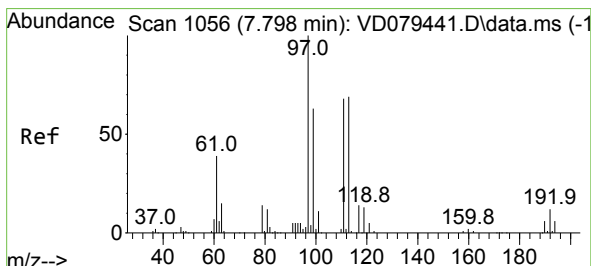
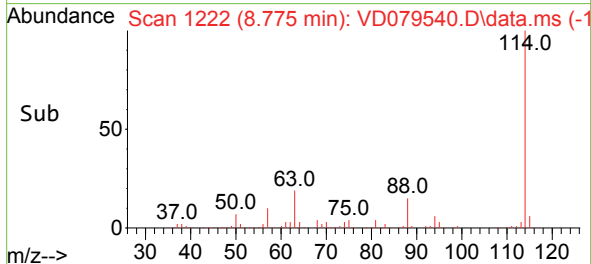
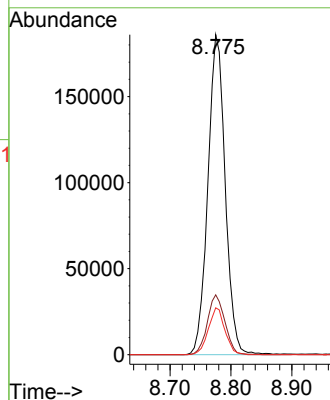
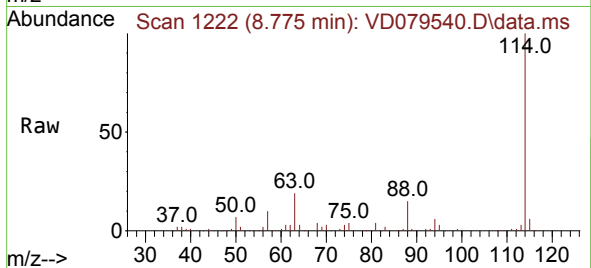
Tgt Ion:114 Resp: 367957

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.631 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079540.D

Acq: 02 Aug 2024 14:14

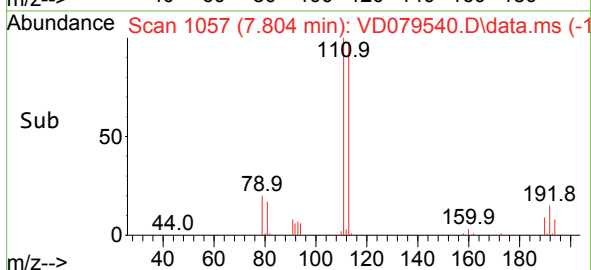
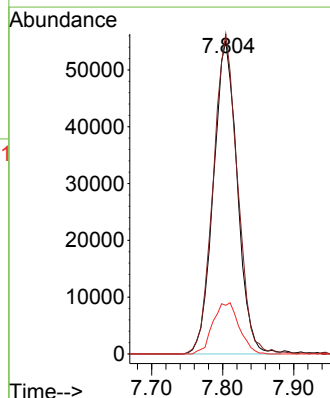
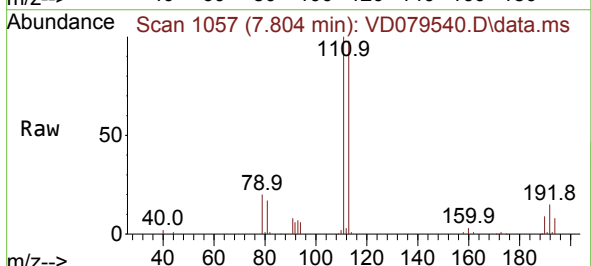
Tgt Ion:113 Resp: 128588

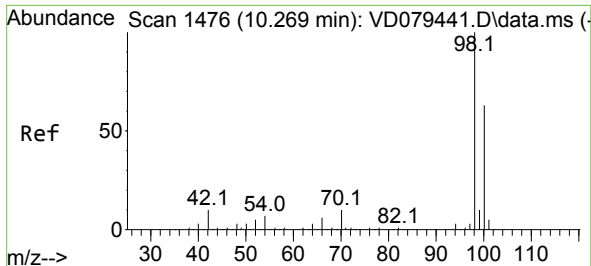
Ion Ratio Lower Upper

113 100

111 103.9 84.0 126.0

192 18.0 15.4 23.0

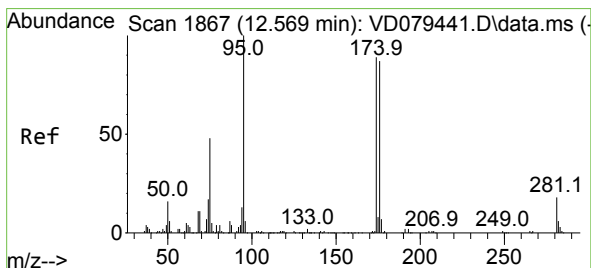
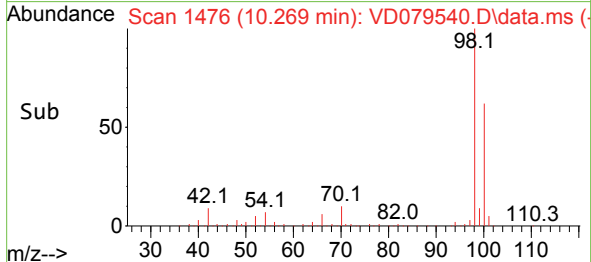
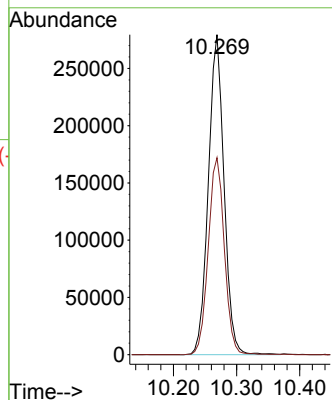
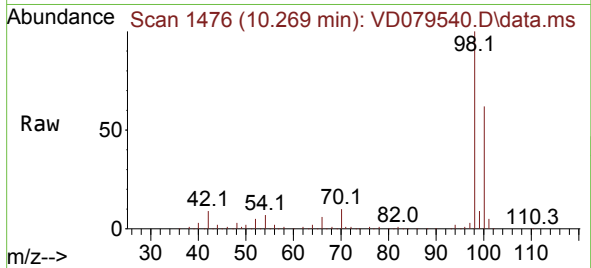




#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079540.D
Acq: 02 Aug 2024 14:14

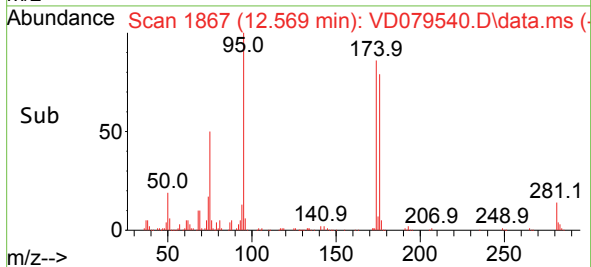
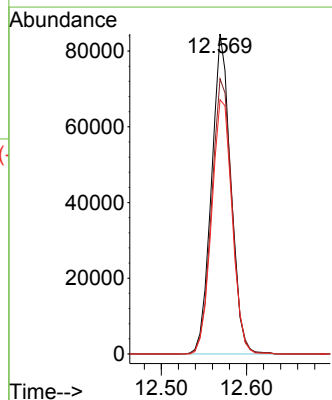
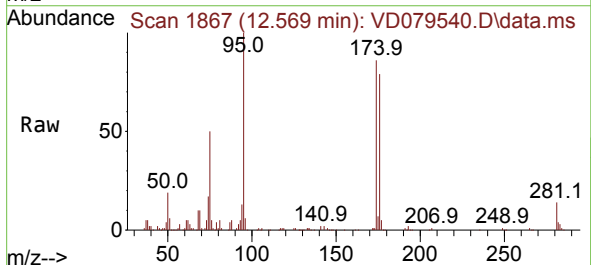
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

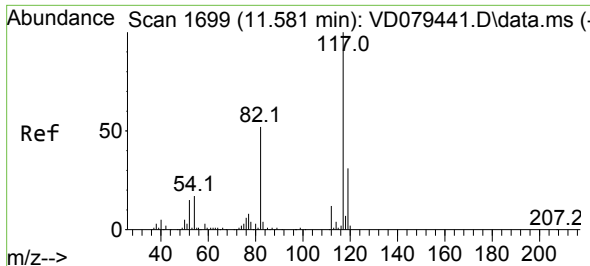
Tgt Ion: 98 Resp: 482222
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.400 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079540.D
Acq: 02 Aug 2024 14:14

Tgt Ion: 95 Resp: 132660
Ion Ratio Lower Upper
95 100
174 90.9 0.0 195.4
176 84.5 0.0 192.6

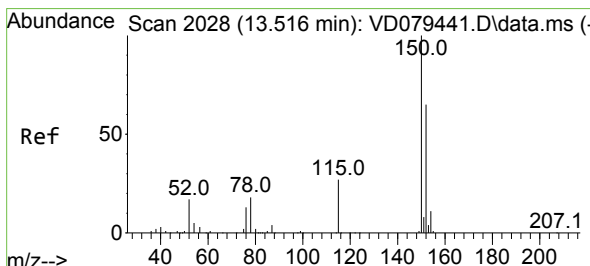
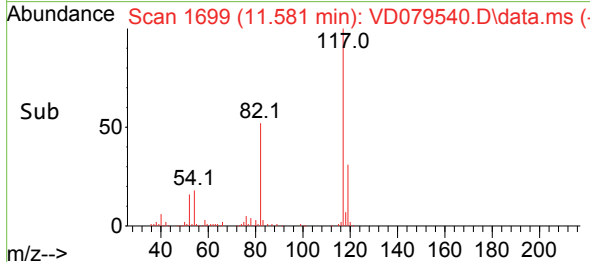
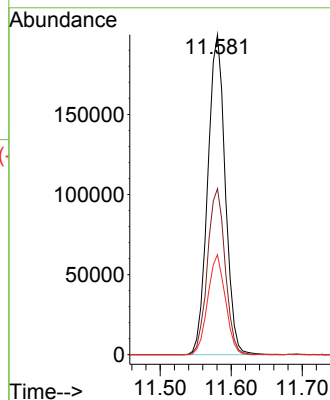
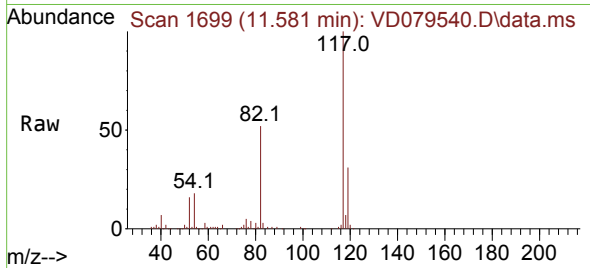




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079540.D
Acq: 02 Aug 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

Tgt Ion:117 Resp: 341540
Ion Ratio Lower Upper
117 100
82 51.9 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: VD079540.D
Acq: 02 Aug 2024 14:14

Tgt Ion:152 Resp: 148979
Ion Ratio Lower Upper
152 100
115 56.6 26.5 79.5
150 154.9 0.0 341.6

