

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080227.D
 Acq On : 03 Feb 2025 15:12
 Operator : RP/MD
 Sample : VD0203SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBL01

Quant Time: Feb 04 06:07:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	122282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	230185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79396	49.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.810	113	68009	41.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.269	98	214944	35.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.060%
62) 4-Bromofluorobenzene	12.575	95	61792	31.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.660%

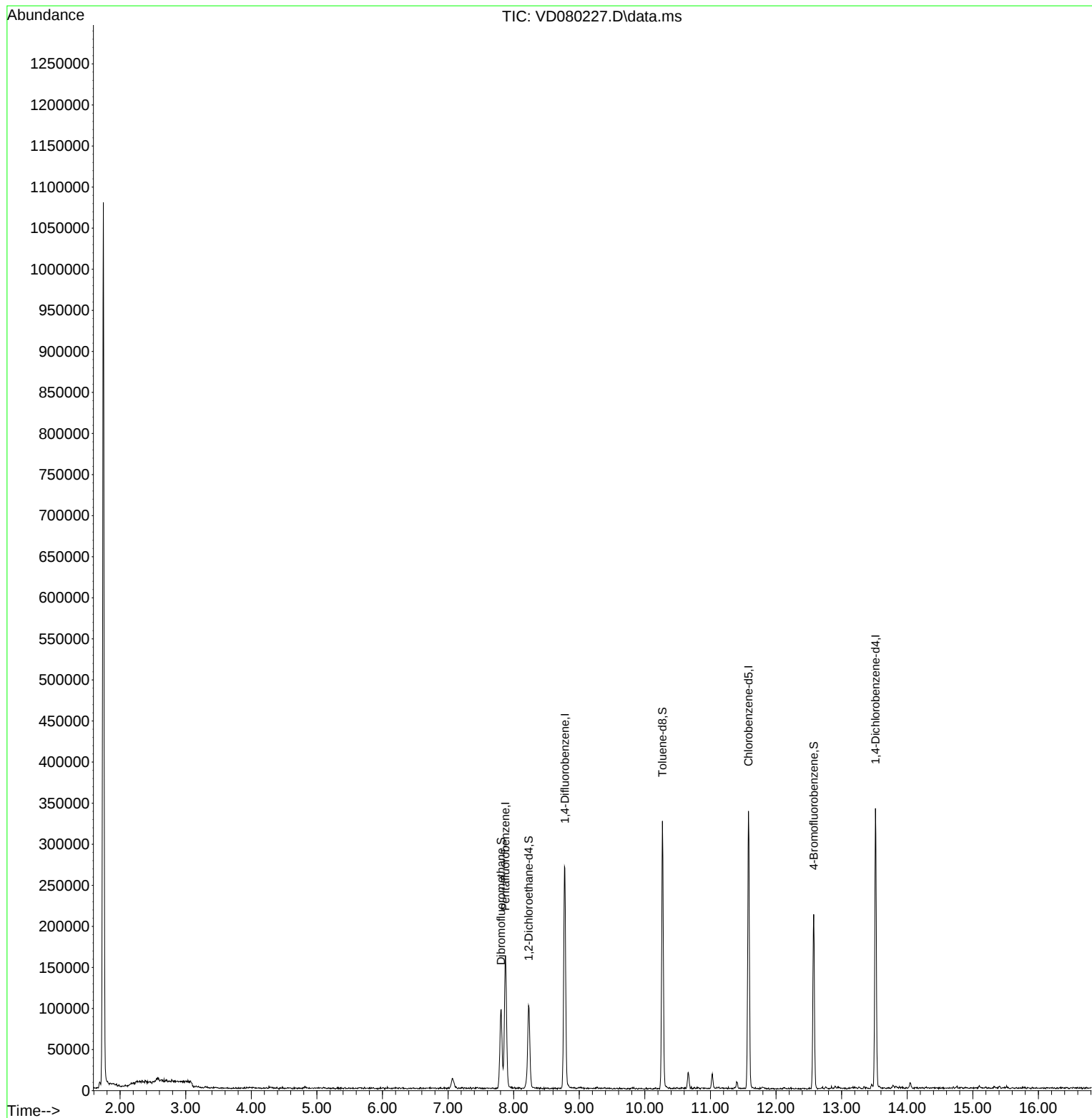
Target Compounds	Qvalue

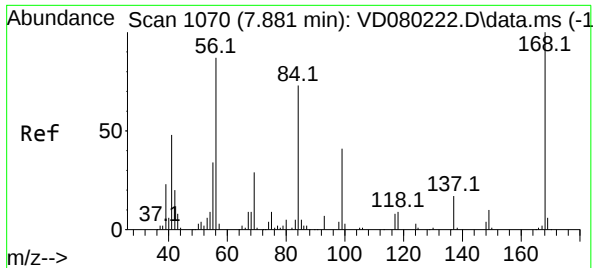
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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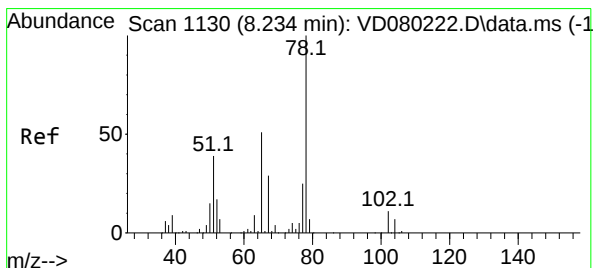
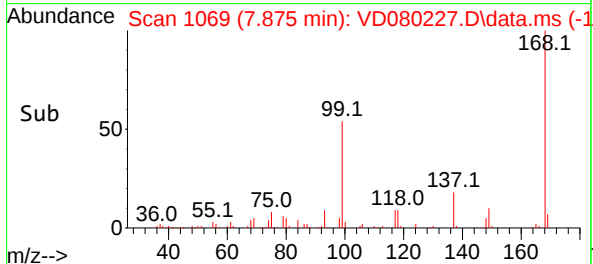
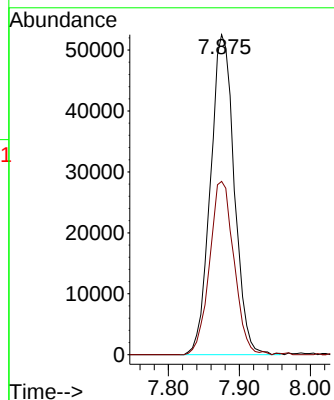
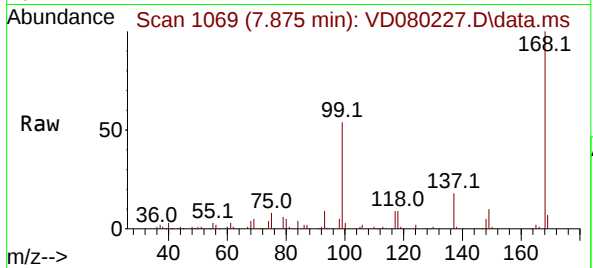




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

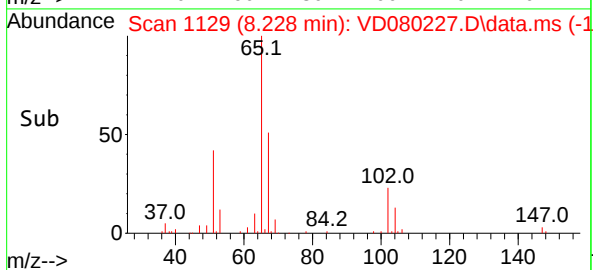
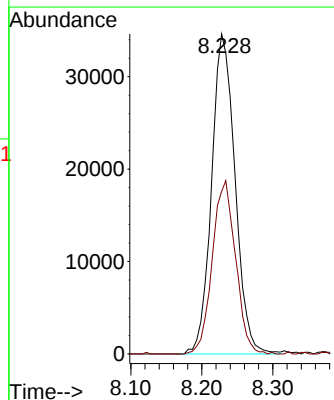
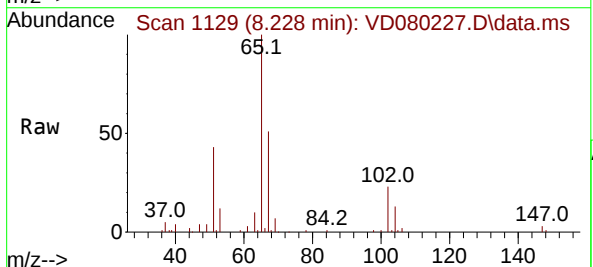
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBL01

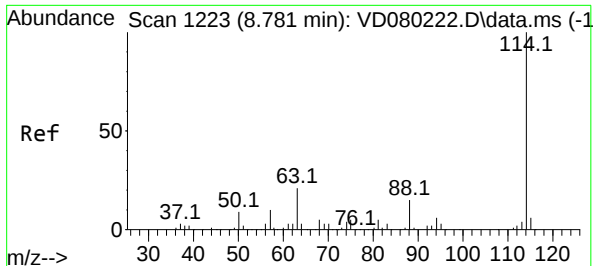
Tgt Ion:168 Resp: 122282
Ion Ratio Lower Upper
168 100
99 54.1 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 49.914 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

Tgt Ion: 65 Resp: 79396
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080227.D

Acq: 03 Feb 2025 15:12

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBL01

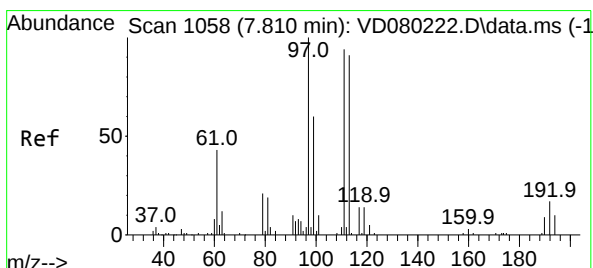
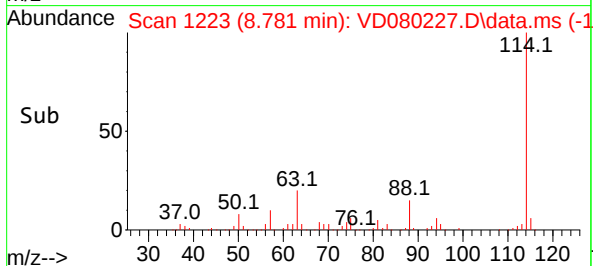
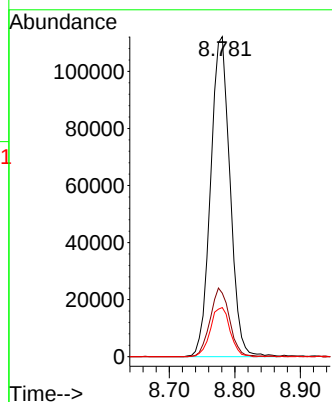
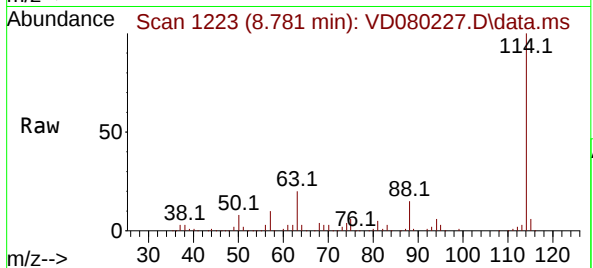
Tgt Ion:114 Resp: 230185

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

88 15.3 0.0 30.4



#35

Dibromofluoromethane

Concen: 41.688 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080227.D

Acq: 03 Feb 2025 15:12

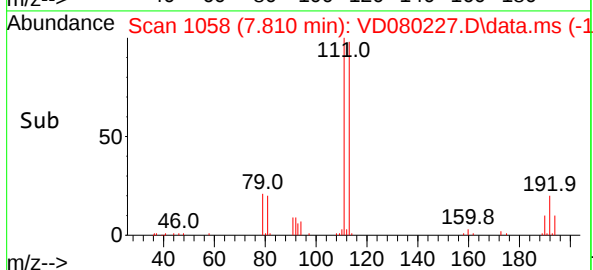
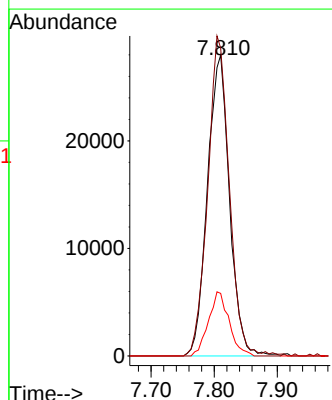
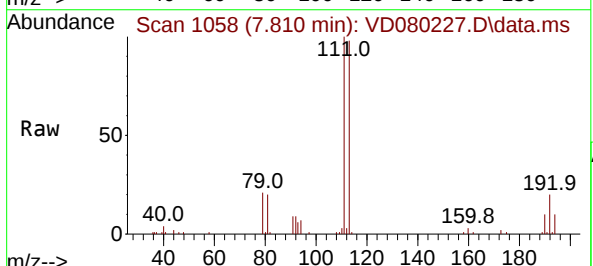
Tgt Ion:113 Resp: 68009

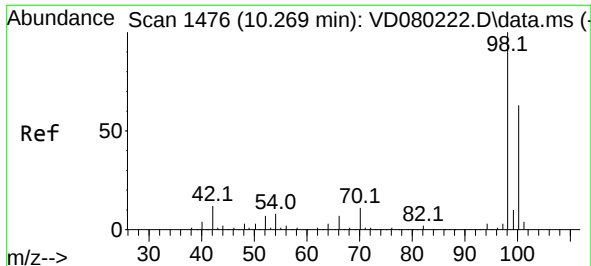
Ion Ratio Lower Upper

113 100

111 103.3 85.0 127.4

192 19.9 15.5 23.3

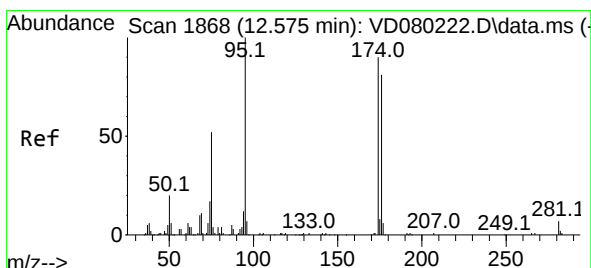
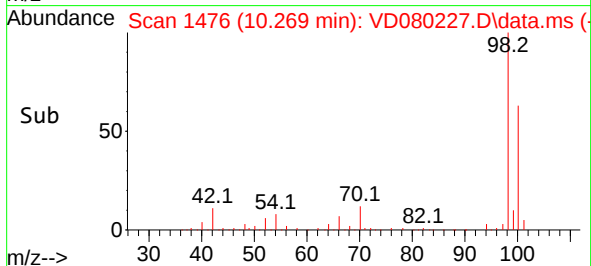
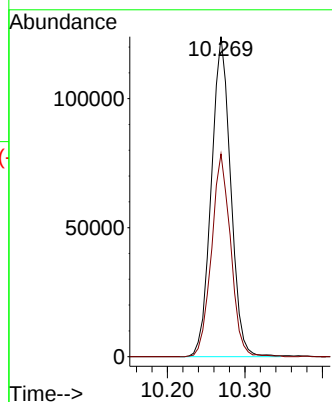
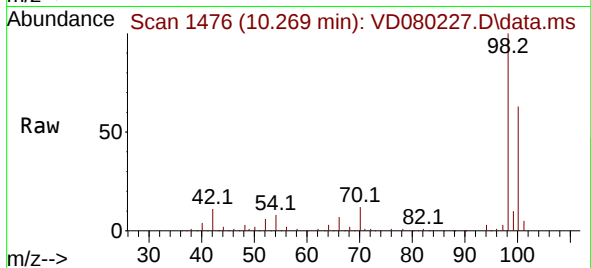




#50
Toluene-d8
Concen: 35.529 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

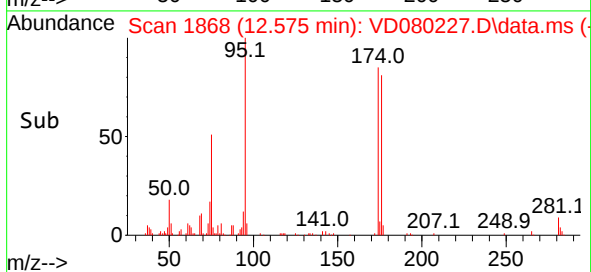
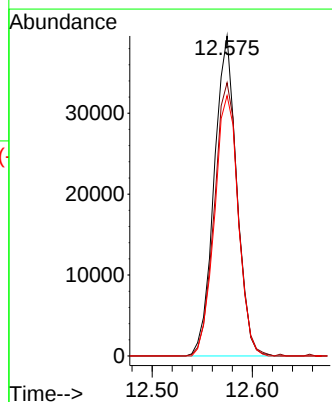
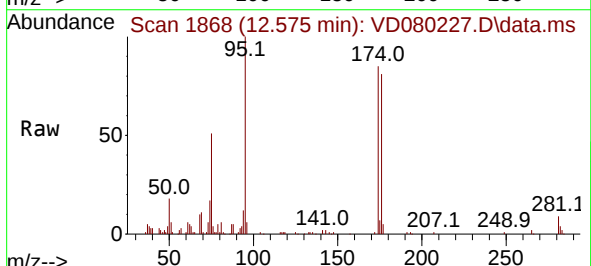
Instrument :
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VD0203SBL01

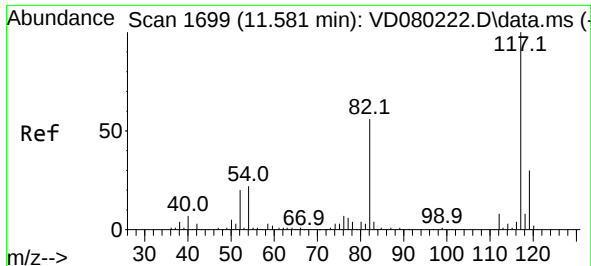
Tgt Ion: 98 Resp: 214944
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 31.832 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

Tgt Ion: 95 Resp: 61792
Ion Ratio Lower Upper
95 100
174 90.1 0.0 171.8
176 85.7 0.0 159.6

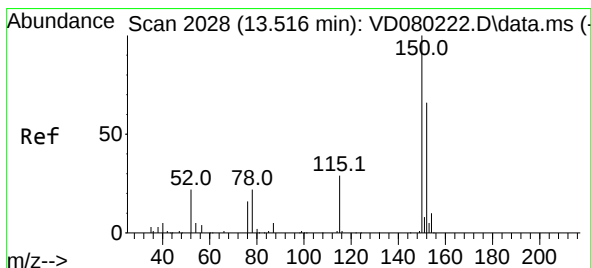
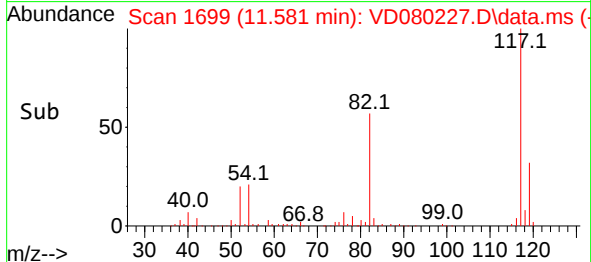
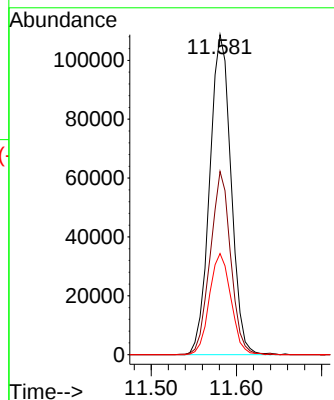
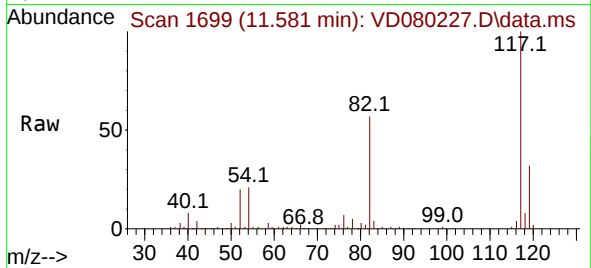




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBL01

Tgt Ion:117 Resp: 189230
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.6
119 31.6 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080227.D
Acq: 03 Feb 2025 15:12

Tgt Ion:152 Resp: 87953
Ion Ratio Lower Upper
152 100
115 57.7 30.0 90.1
150 159.6 0.0 350.4

