

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
 Data File : VD080265.D
 Acq On : 25 Feb 2025 13:26
 Operator : RP/MD
 Sample : VD0225SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0225SBL01

Quant Time: Feb 26 02:28:32 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	95765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	168908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78423	62.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.900%
35) Dibromofluoromethane	7.804	113	71364	59.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.220%
50) Toluene-d8	10.269	98	232790	52.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.569	95	71175	49.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.940%

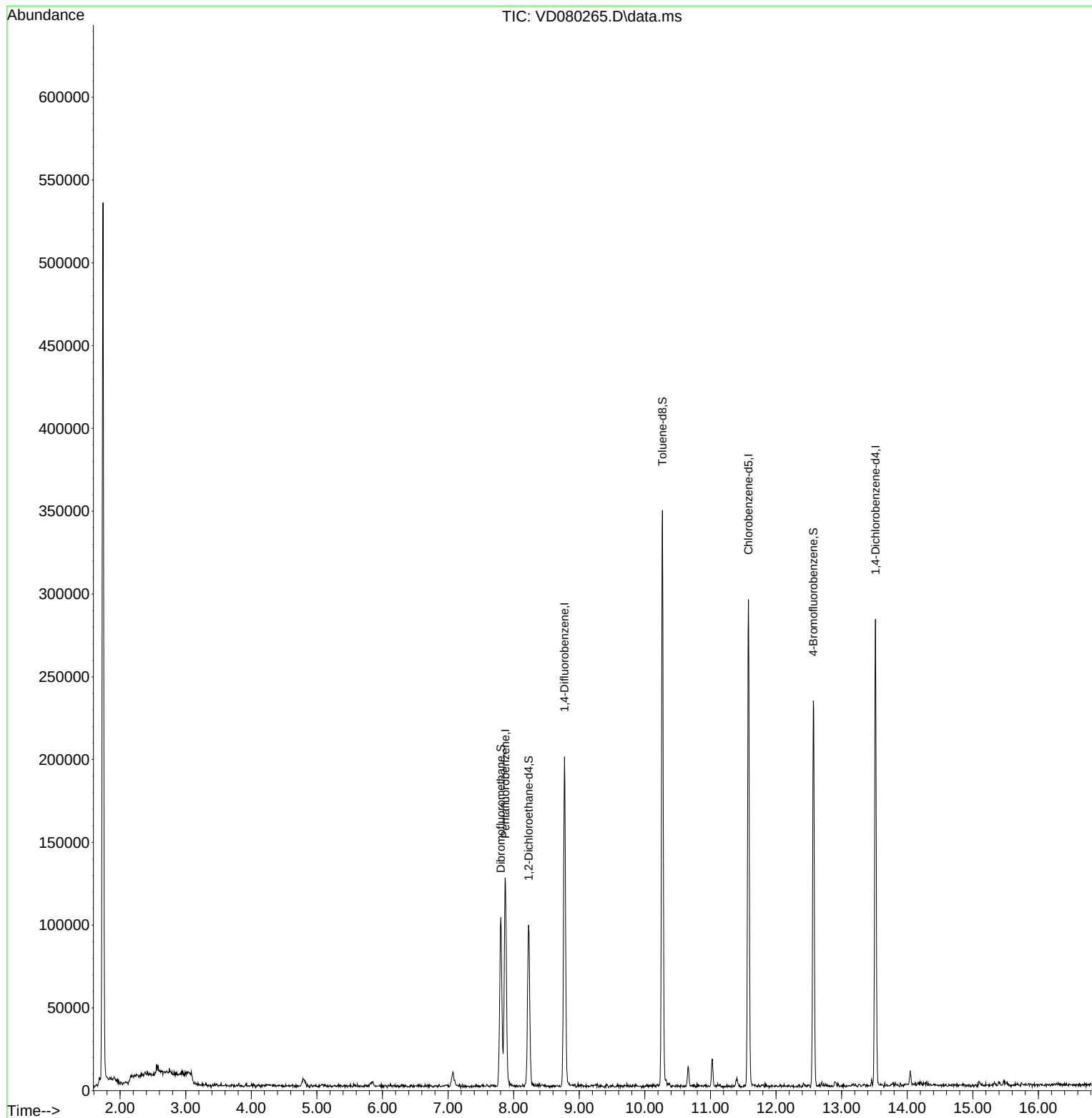
Target Compounds	Qvalue

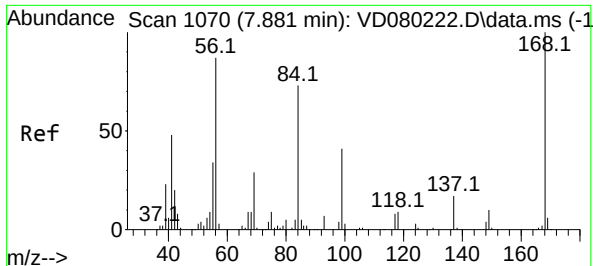
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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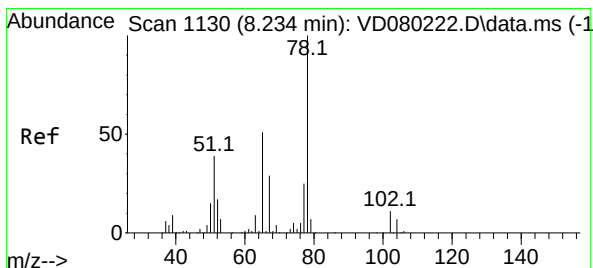
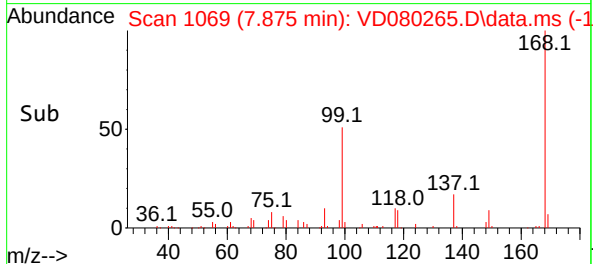
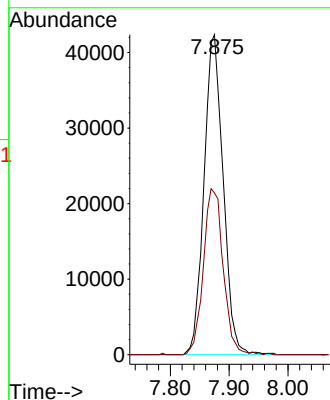
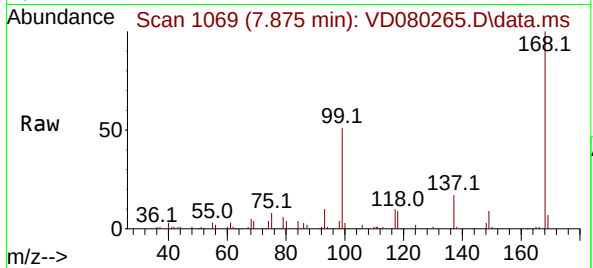




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080265.D
Acq: 25 Feb 2025 13:26

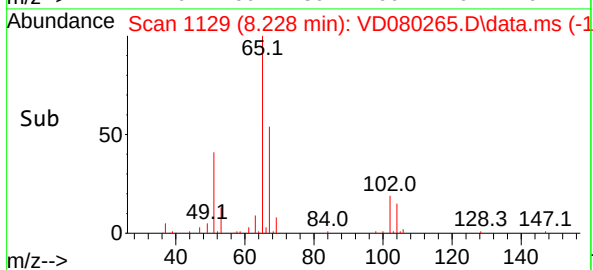
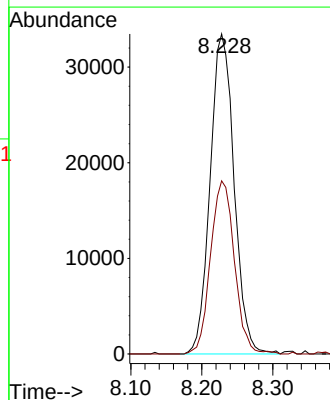
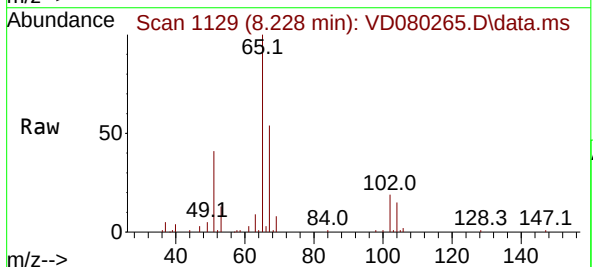
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

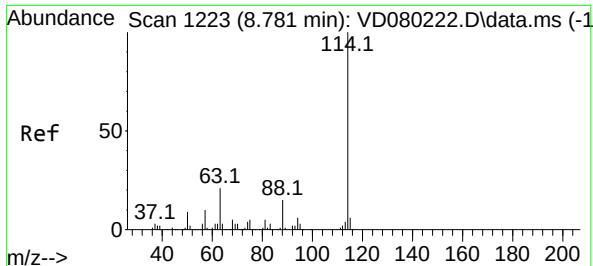
Tgt Ion:168 Resp: 95765
Ion Ratio Lower Upper
168 100
99 50.6 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 62.954 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080265.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 65 Resp: 78423
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080265.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_D

ClientSampleId :

VD0225SBL01

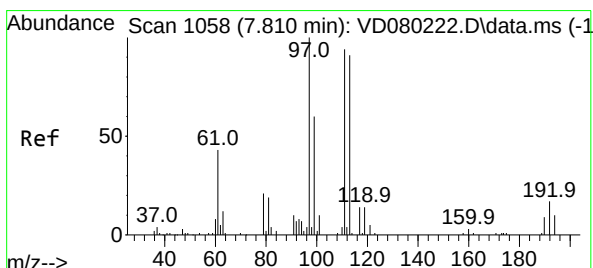
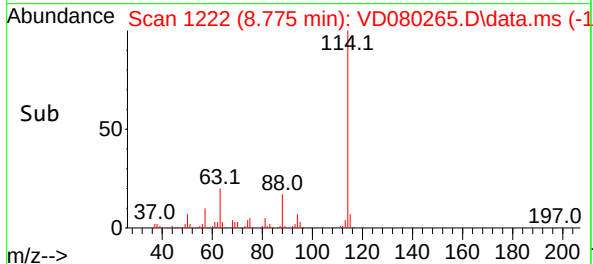
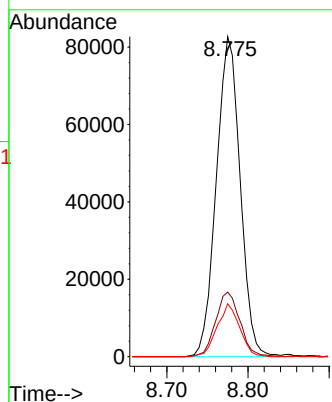
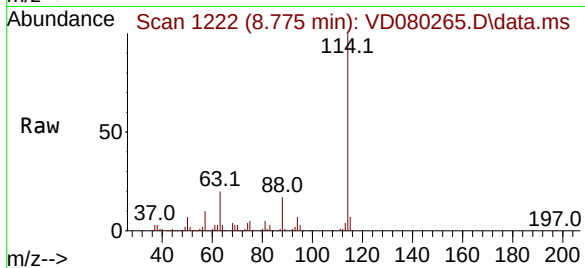
Tgt Ion:114 Resp: 168908

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

88 16.6 0.0 30.4



#35

Dibromofluoromethane

Concen: 59.614 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080265.D

Acq: 25 Feb 2025 13:26

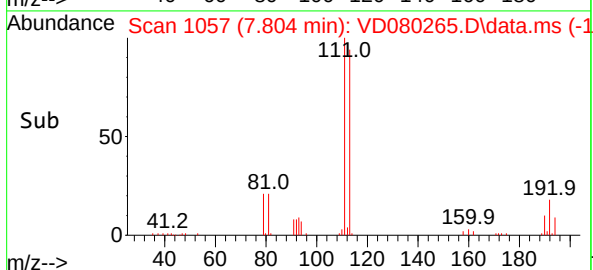
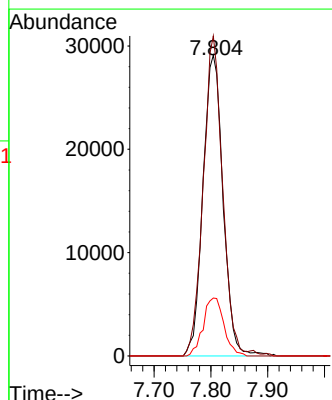
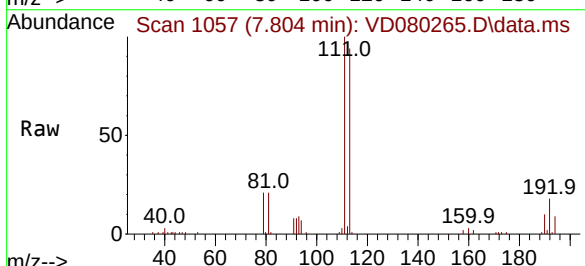
Tgt Ion:113 Resp: 71364

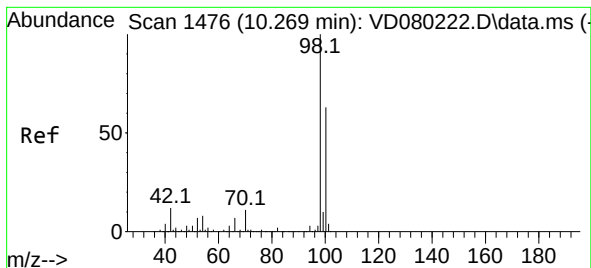
Ion Ratio Lower Upper

113 100

111 101.9 85.0 127.4

192 19.9 15.5 23.3





#50

Toluene-d8

Concen: 52.438 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080265.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_D

ClientSampleId :

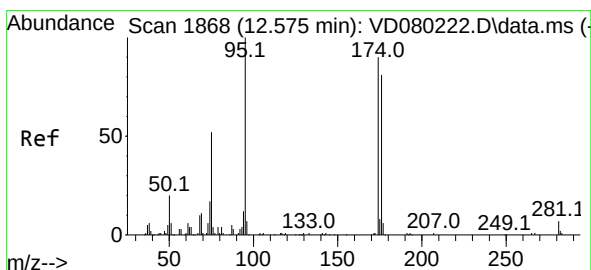
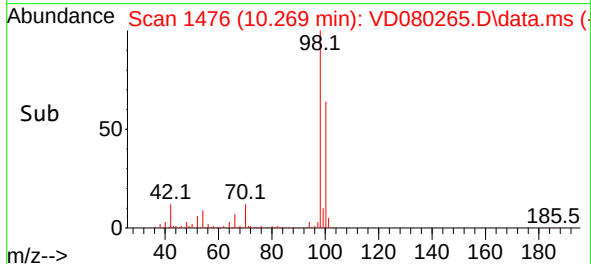
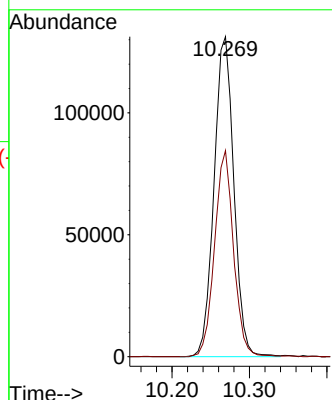
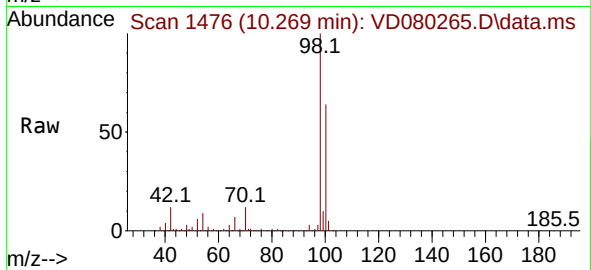
VD0225SBL01

Tgt Ion: 98 Resp: 232790

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 49.968 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD080265.D

Acq: 25 Feb 2025 13:26

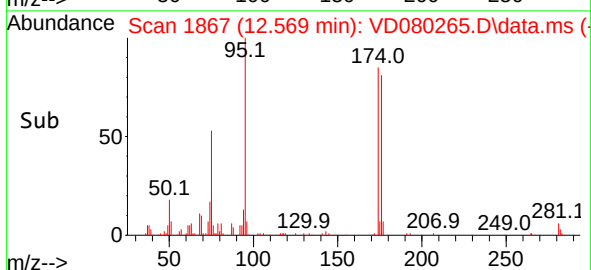
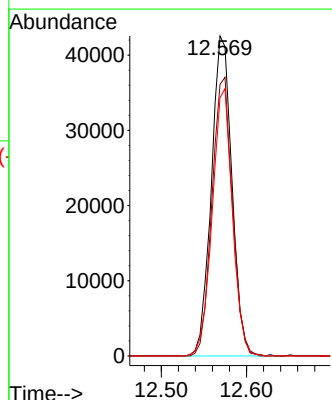
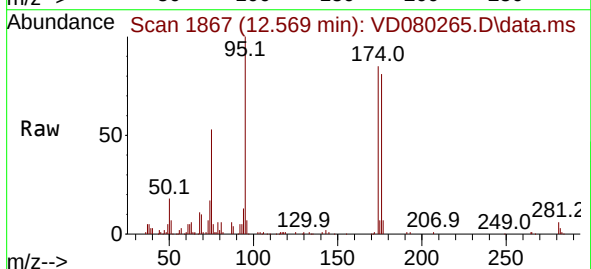
Tgt Ion: 95 Resp: 71175

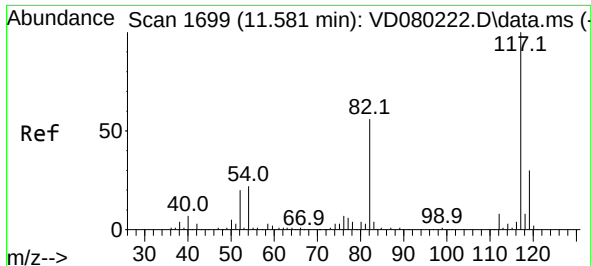
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.8

176 82.0 0.0 159.6

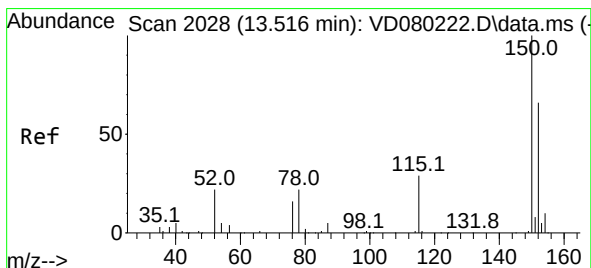
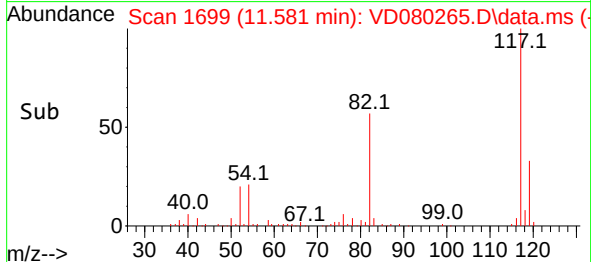
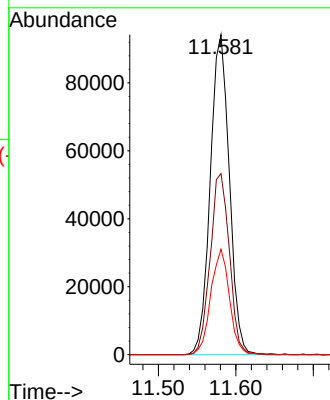
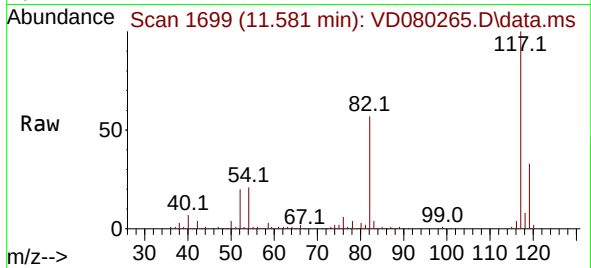




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080265.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

Tgt Ion:117 Resp: 161091
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.6
119 32.9 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: VD080265.D
Acq: 25 Feb 2025 13:26

Tgt Ion:152 Resp: 74926
Ion Ratio Lower Upper
152 100
115 57.3 30.0 90.1
150 154.0 0.0 350.4

