

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080365.D
 Acq On : 16 May 2025 12:29
 Operator : RP/MD
 Sample : Q2055-01
 Misc : 5.52G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051525

Quant Time: May 17 01:18:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	73391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	171127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	131044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	60156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	42013	44.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.540%
35) Dibromofluoromethane	7.811	113	47811	41.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.270	98	178024	39.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.570	95	51045	35.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.380%

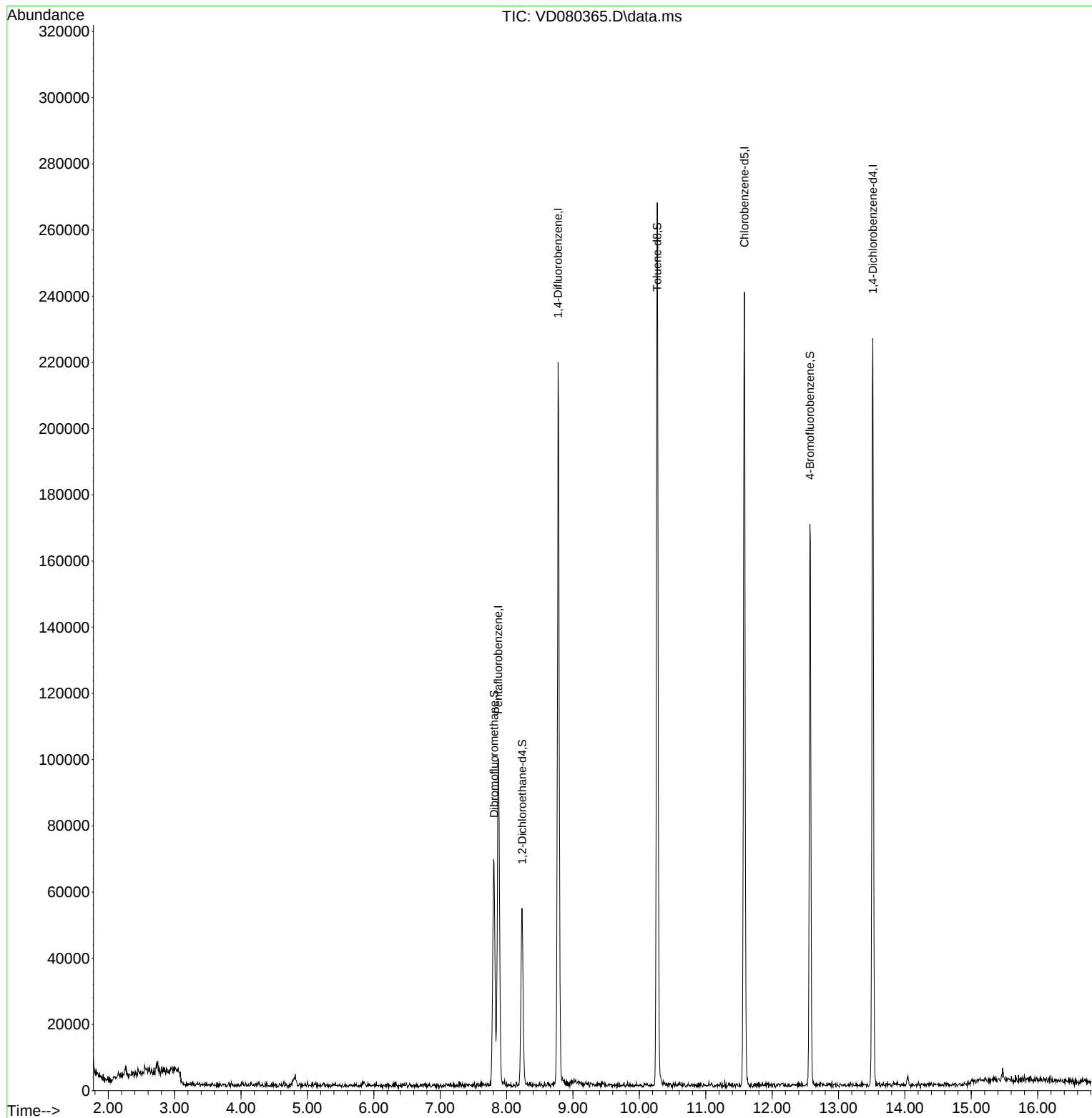
Target Compounds	Qvalue

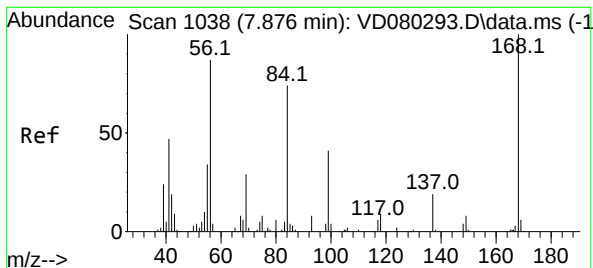
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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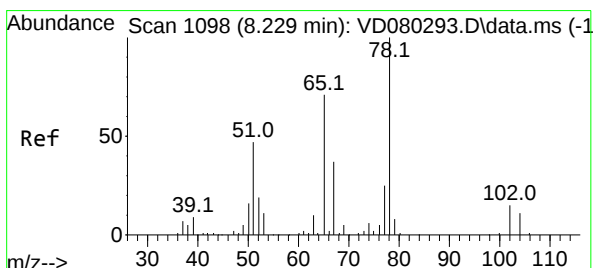
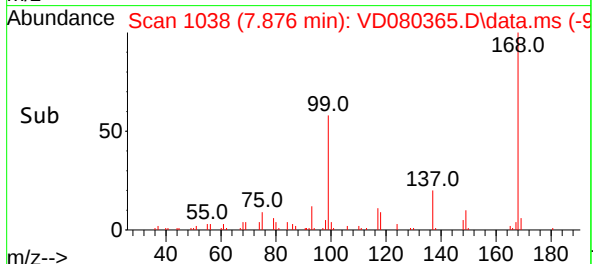
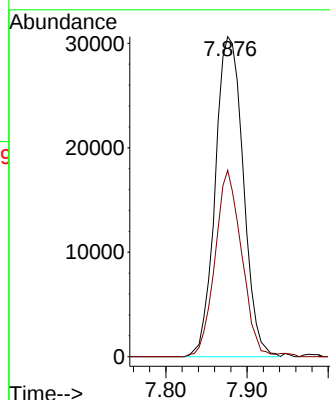
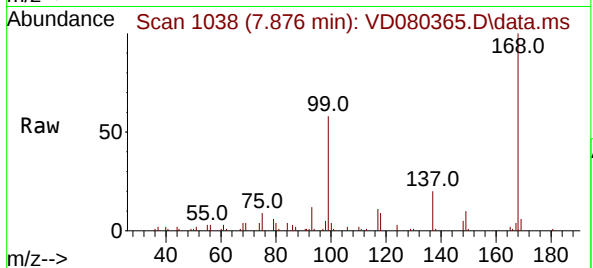




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

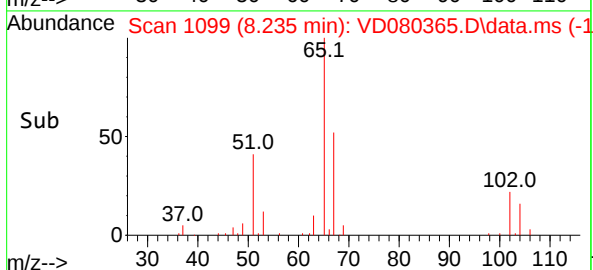
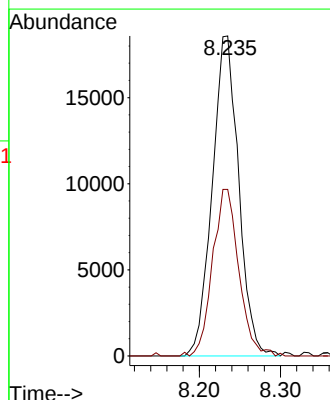
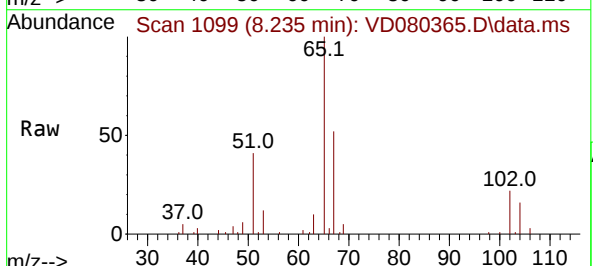
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051525

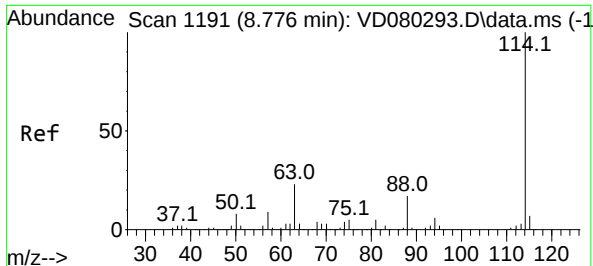
Tgt Ion:168 Resp: 73391
Ion Ratio Lower Upper
168 100
99 58.3 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 44.268 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

Tgt Ion: 65 Resp: 42013
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080365.D

Acq: 16 May 2025 12:29

Instrument :

MSVOA_D

ClientSampleId :

OR-02-051525

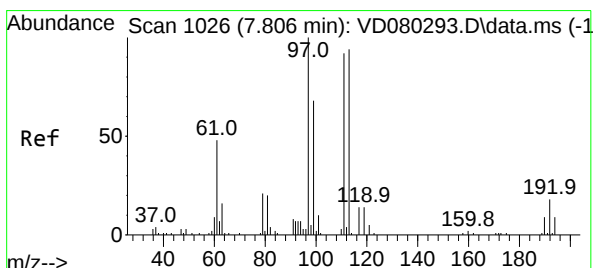
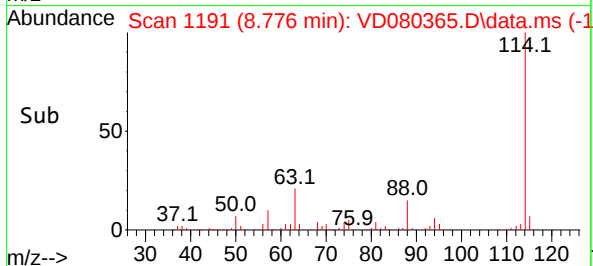
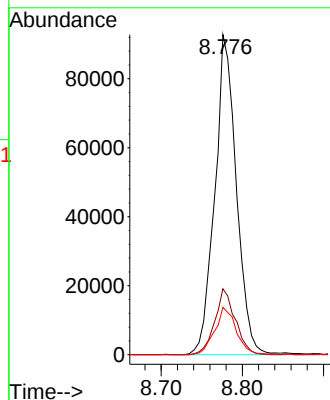
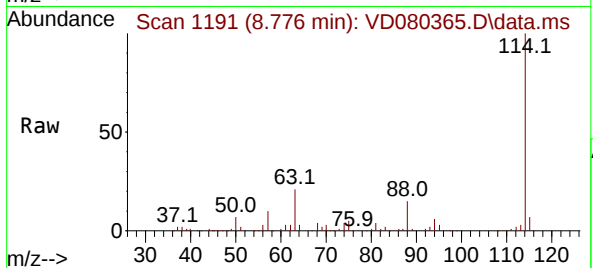
Tgt Ion:114 Resp: 171127

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.685 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080365.D

Acq: 16 May 2025 12:29

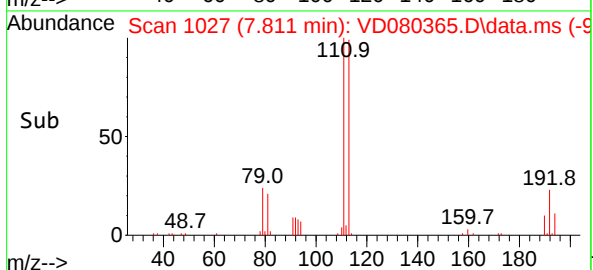
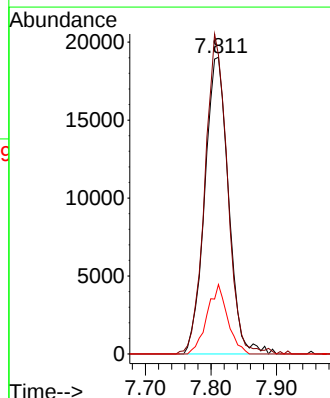
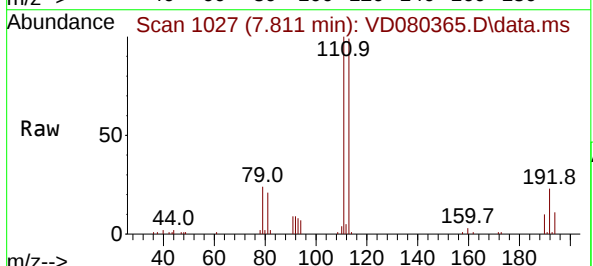
Tgt Ion:113 Resp: 47811

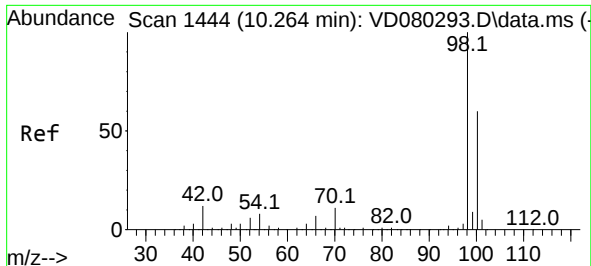
Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

192 20.3 16.6 25.0

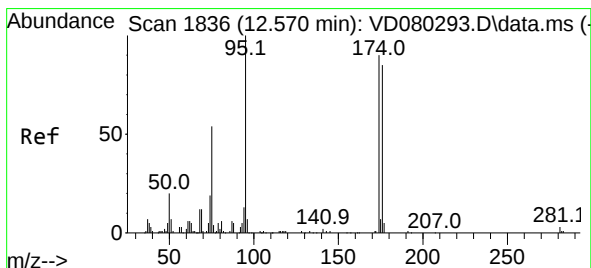
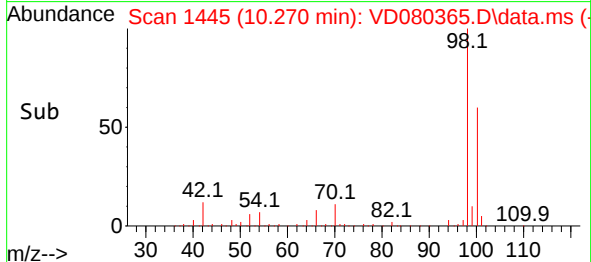
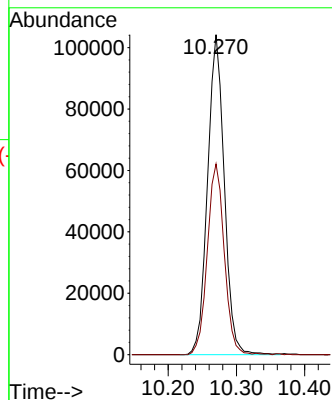
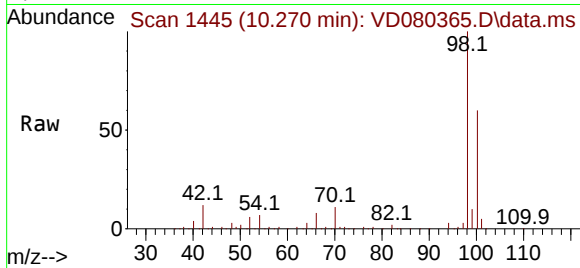




#50
Toluene-d8
Concen: 39.393 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

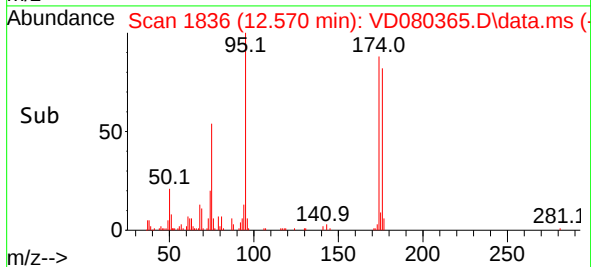
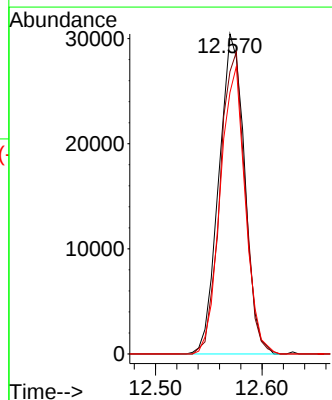
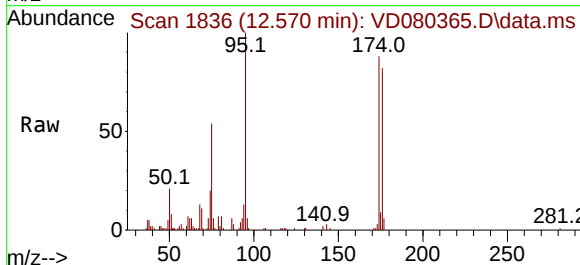
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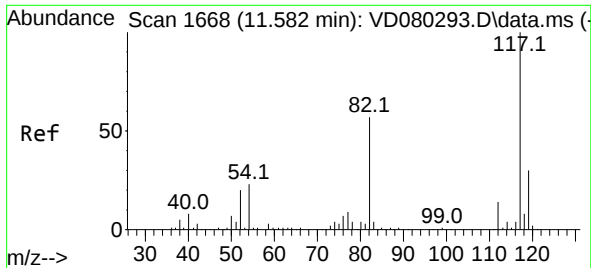
Tgt Ion: 98 Resp: 178024
Ion Ratio Lower Upper
98 100
100 60.5 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 35.191 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

Tgt Ion: 95 Resp: 51045
Ion Ratio Lower Upper
95 100
174 91.5 0.0 173.4
176 87.2 0.0 166.6

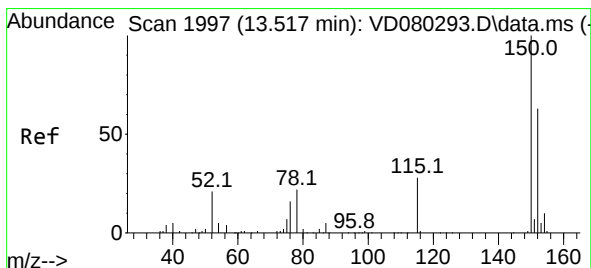
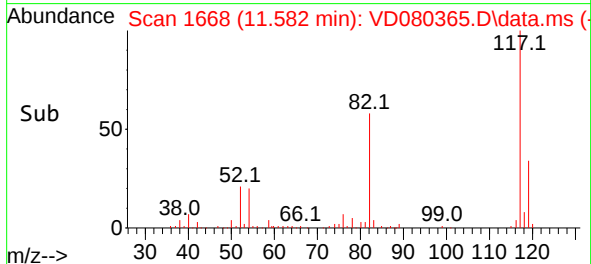
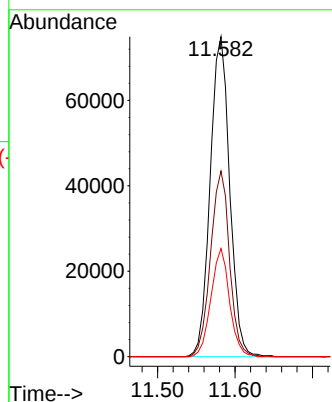
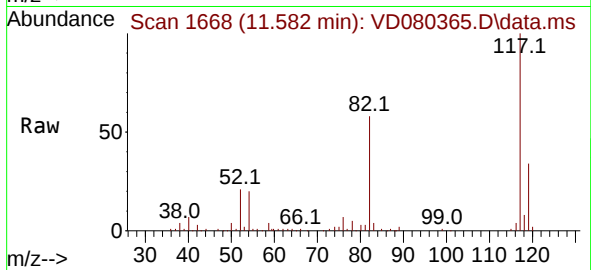




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051525

Tgt Ion:117 Resp: 131044
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 33.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080365.D
Acq: 16 May 2025 12:29

Tgt Ion:152 Resp: 60156
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 159.1 0.0 354.8

