

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080480.D
 Acq On : 26 Jun 2025 14:04
 Operator : RP/MD
 Sample : VD0626SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBL01

Quant Time: Jun 27 05:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	486923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	884031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	760174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	344753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	249420	52.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.500%
35) Dibromofluoromethane	7.806	113	260844	52.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.380%
50) Toluene-d8	10.270	98	1068991	53.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.570	95	348756	53.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.380%

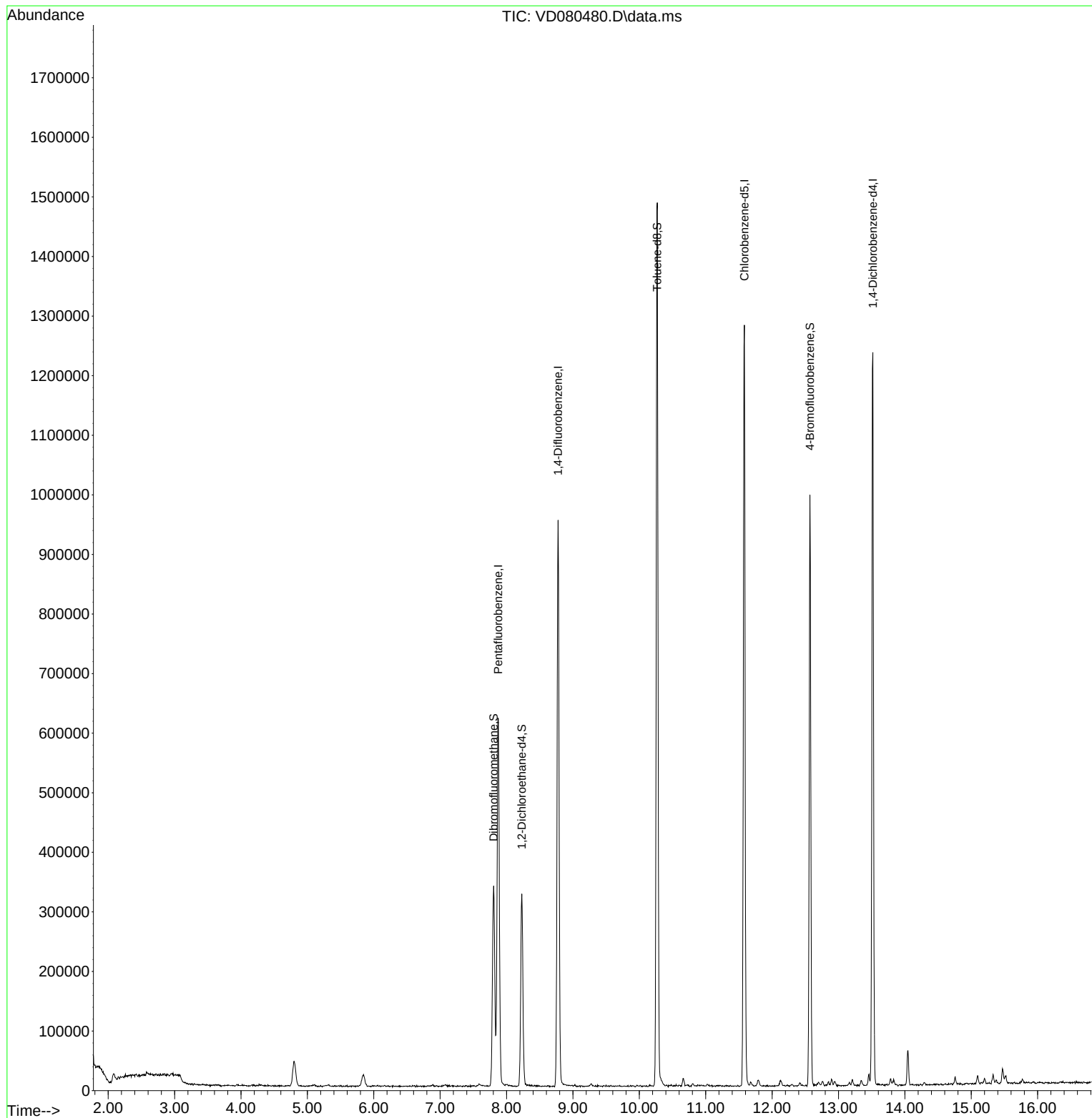
Target Compounds	Qvalue

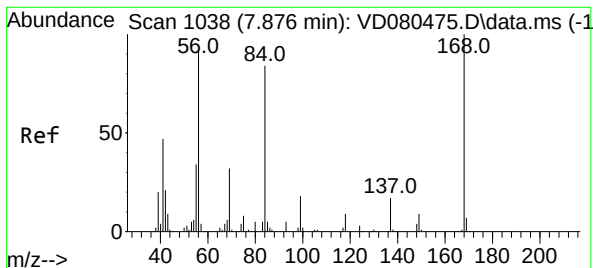
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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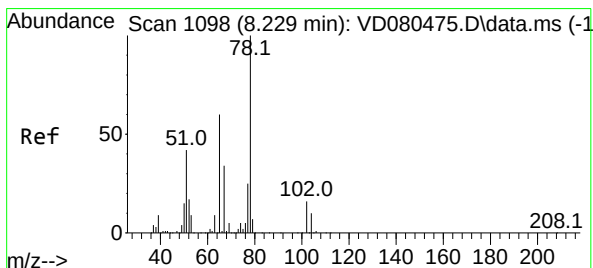
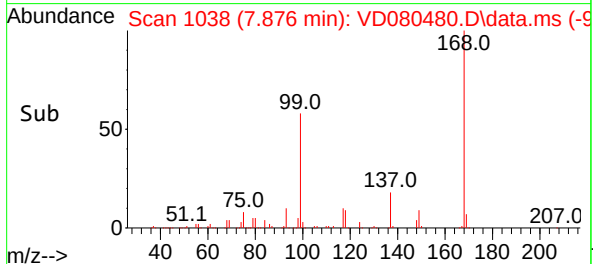
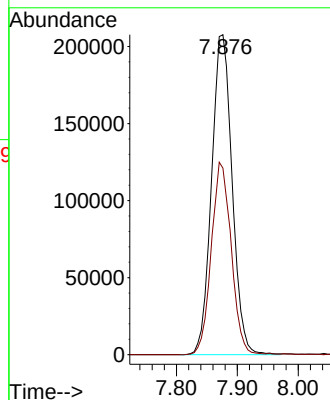
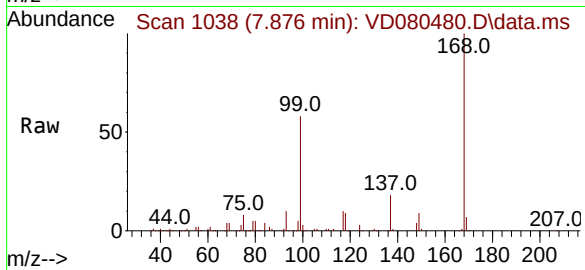




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

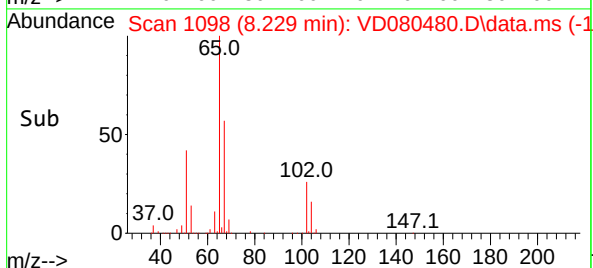
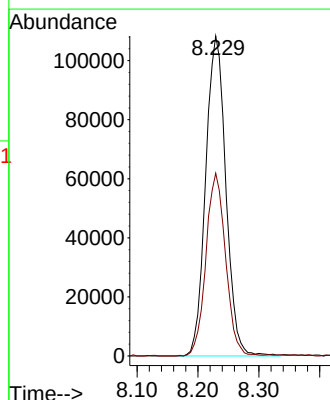
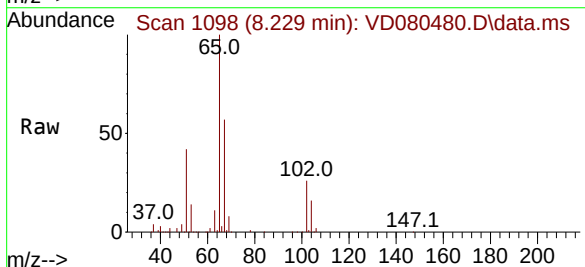
Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

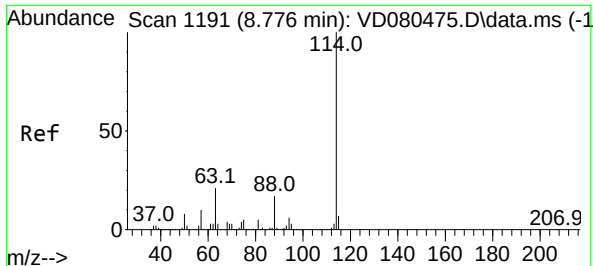
Tgt Ion:168 Resp: 486923
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 52.250 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion: 65 Resp: 249420
Ion Ratio Lower Upper
65 100
67 55.6 0.0 113.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

Instrument :

MSVOA_D

ClientSampleId :

VD0626SBL01

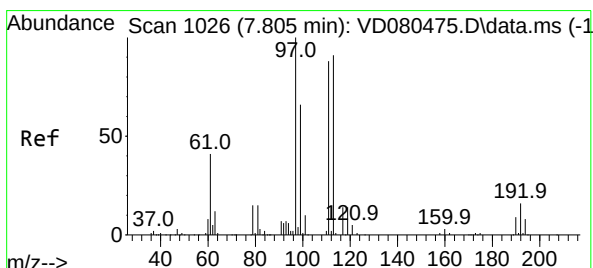
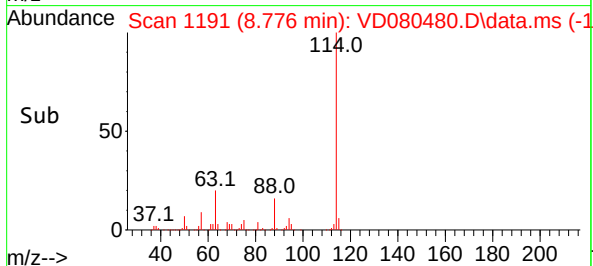
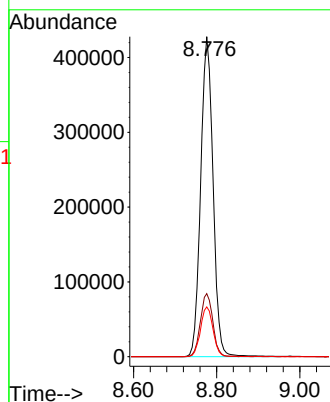
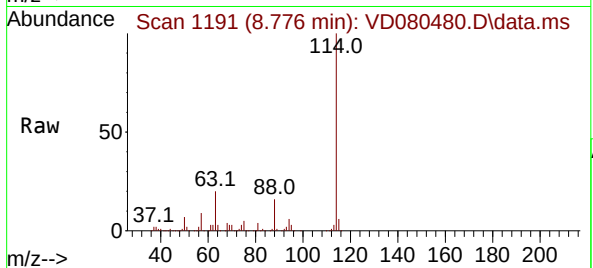
Tgt Ion:114 Resp: 884031

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.0

88 15.5 0.0 33.8



#35

Dibromofluoromethane

Concen: 52.693 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080480.D

Acq: 26 Jun 2025 14:04

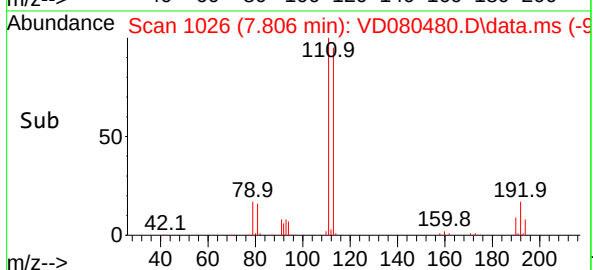
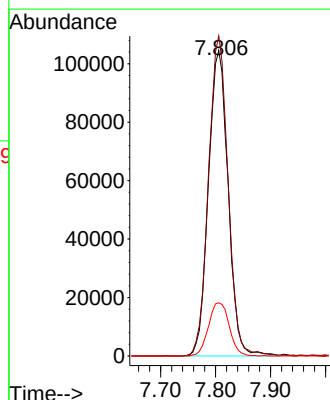
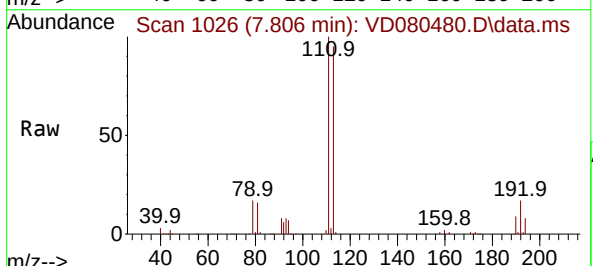
Tgt Ion:113 Resp: 260844

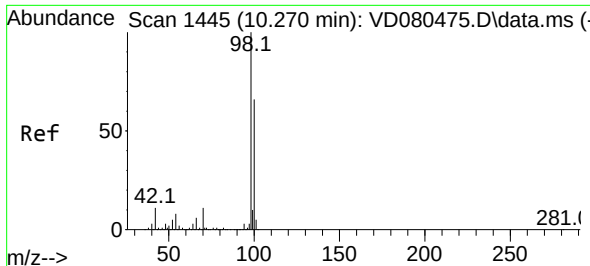
Ion Ratio Lower Upper

113 100

111 103.7 82.5 123.7

192 18.3 15.0 22.6

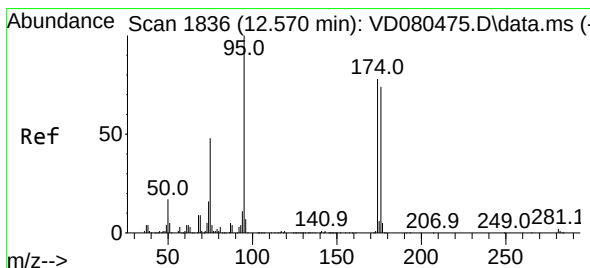
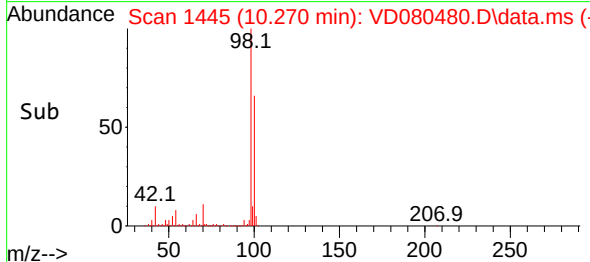
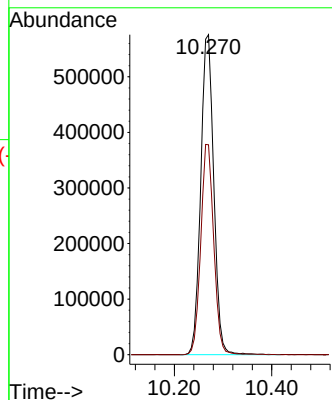
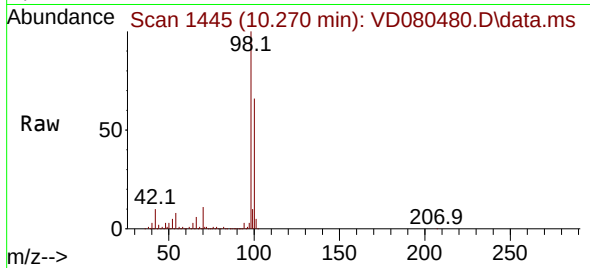




#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

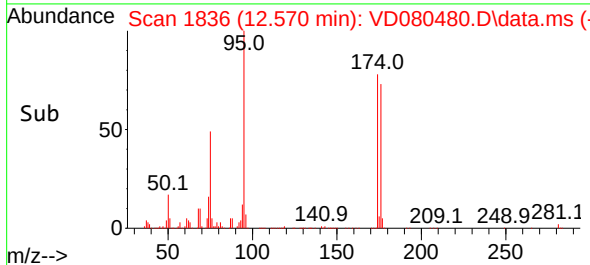
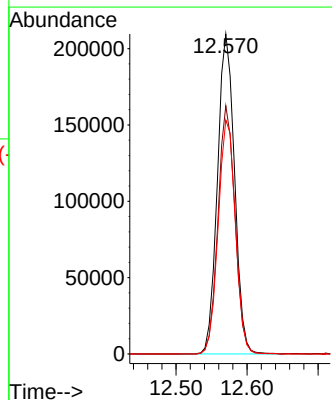
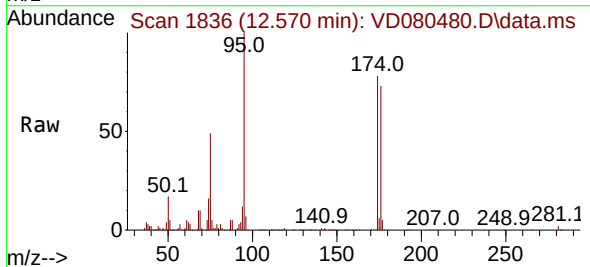
Instrument :
MSVOA_D
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VD0626SBL01

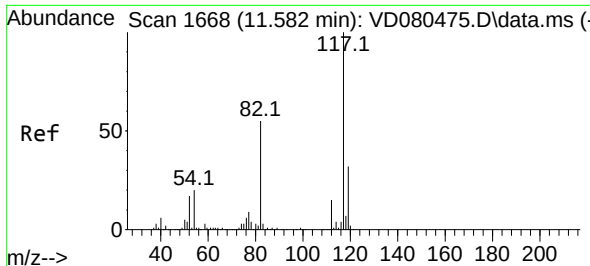
Tgt Ion: 98 Resp: 1068991
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.187 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion: 95 Resp: 348756
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.0
176 73.6 0.0 149.6

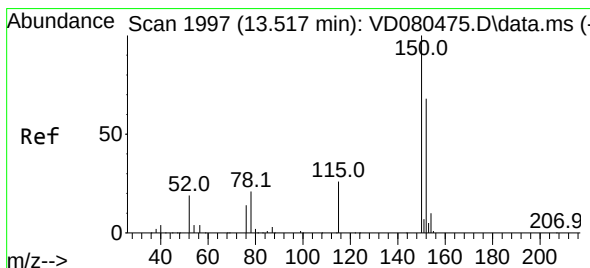
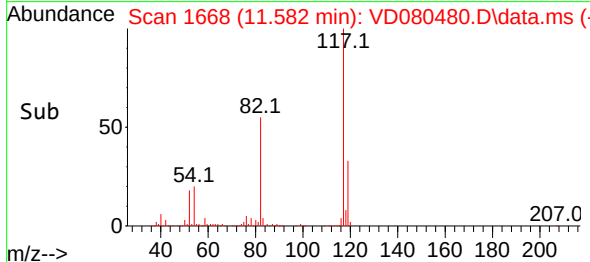
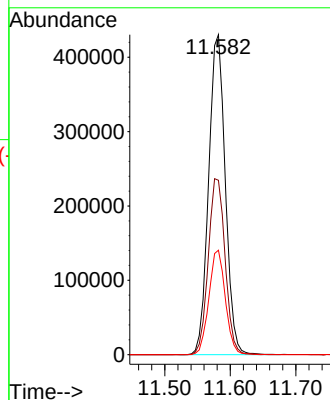
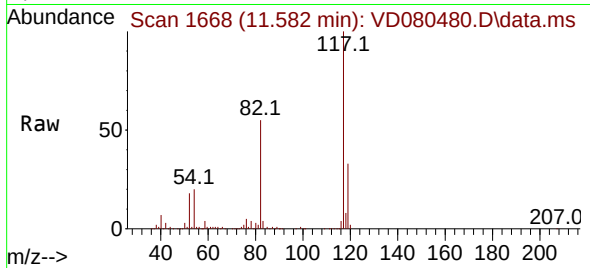




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Instrument :
MSVOA_D
ClientSampleId :
VD0626SBL01

Tgt Ion:117 Resp: 760174
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080480.D
Acq: 26 Jun 2025 14:04

Tgt Ion:152 Resp: 344753
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 157.4 0.0 350.2

