

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080372.D
 Acq On : 16 May 2025 15:33
 Operator : RP/MD
 Sample : Q2021-02
 Misc : 5.26G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: May 17 01:20:51 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	34765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	63747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	60599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	26581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	29008	64.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.040%
35) Dibromofluoromethane	7.811	113	26200	61.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.640%
50) Toluene-d8	10.270	98	81694	48.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.575	95	21452	39.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.400%

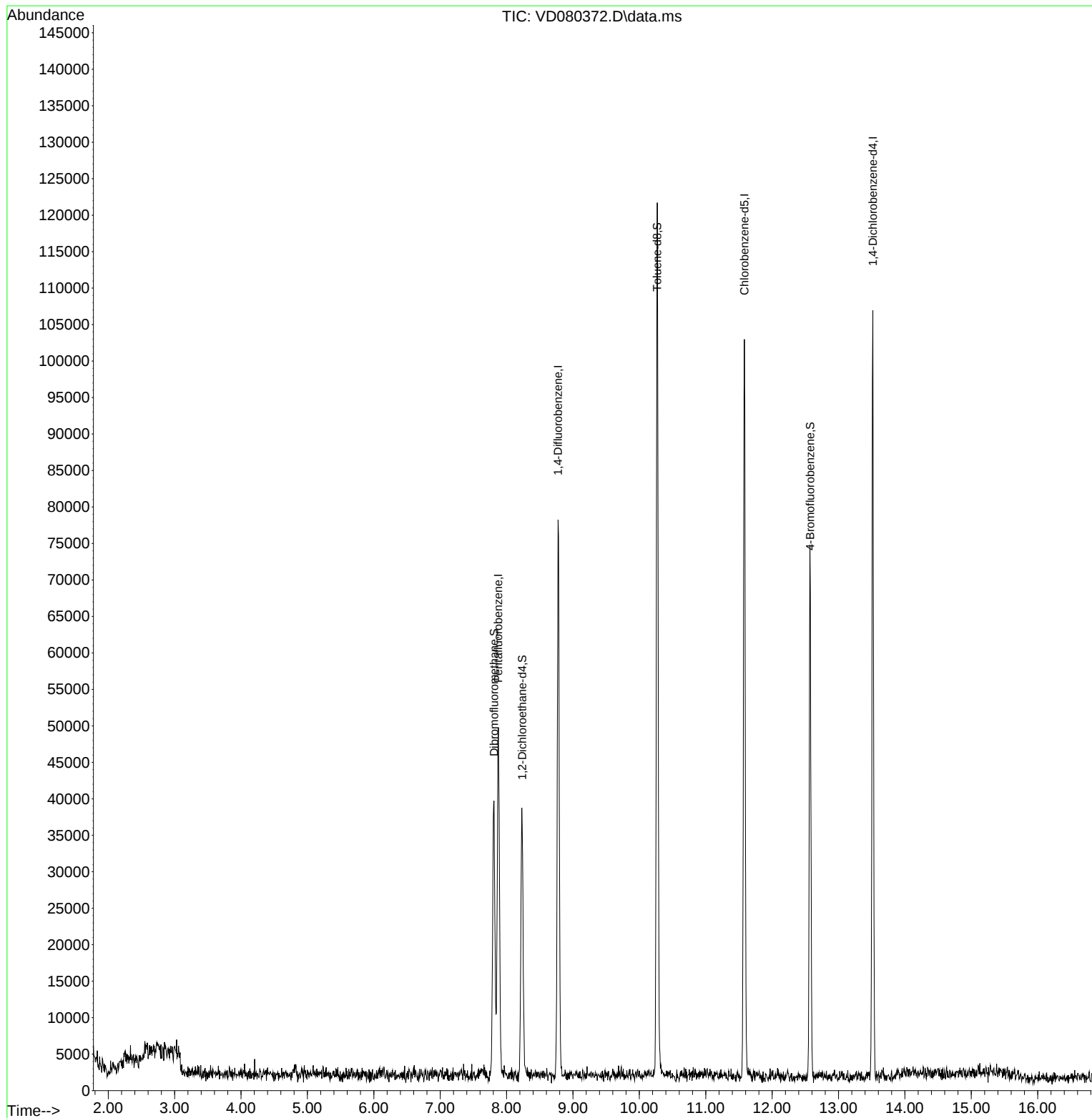
Target Compounds	Qvalue

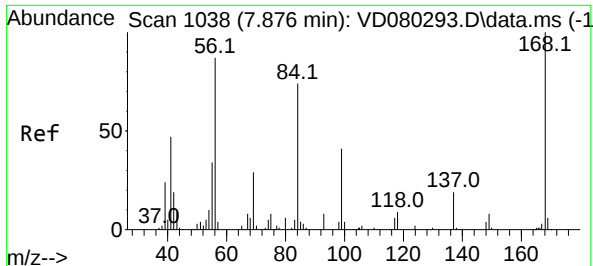
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
Data File : VD080372.D
Acq On : 16 May 2025 15:33
Operator : RP/MD
Sample : Q2021-02
Misc : 5.26G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VOC

Quant Time: May 17 01:20:51 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

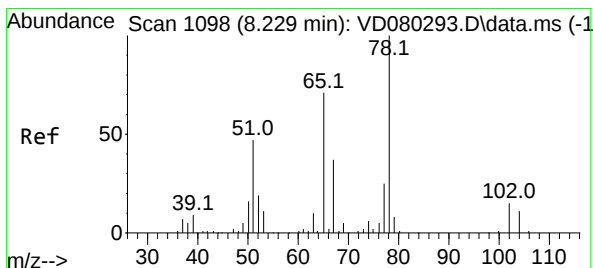
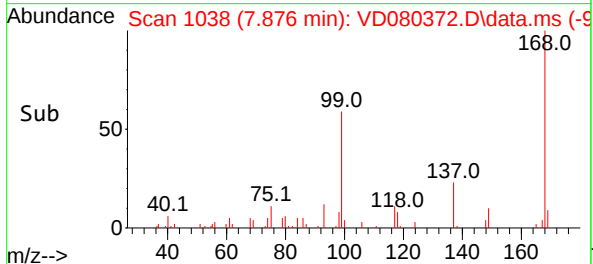
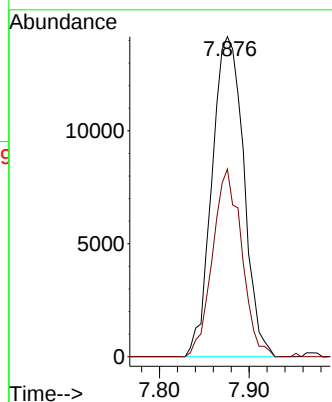
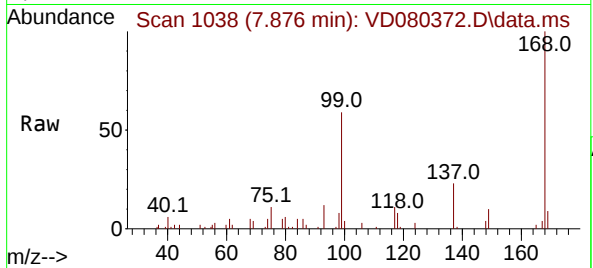




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080372.D
Acq: 16 May 2025 15:33

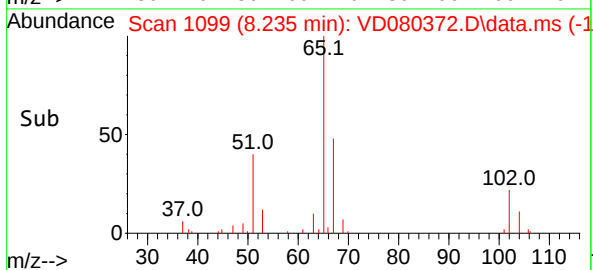
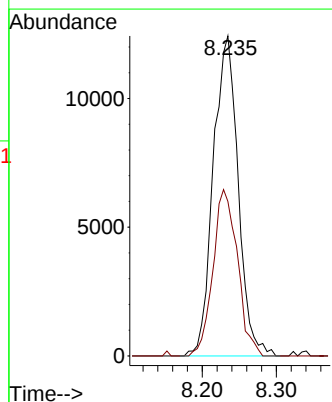
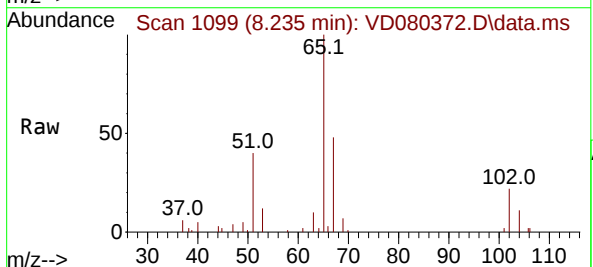
Instrument :
MSVOA_D
ClientSampleId :
VOC

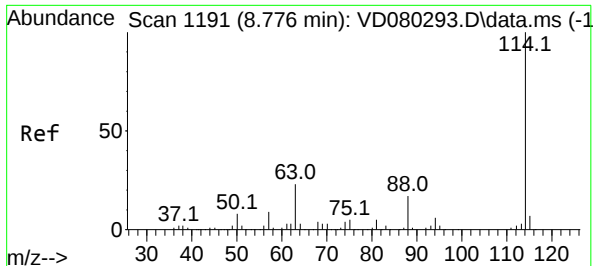
Tgt Ion:168 Resp: 34765
Ion Ratio Lower Upper
168 100
99 58.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 64.524 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VD080372.D
Acq: 16 May 2025 15:33

Tgt Ion: 65 Resp: 29008
Ion Ratio Lower Upper
65 100
67 51.1 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: VD080372.D

Acq: 16 May 2025 15:33

Instrument :

MSVOA_D

ClientSampleId :

VOC

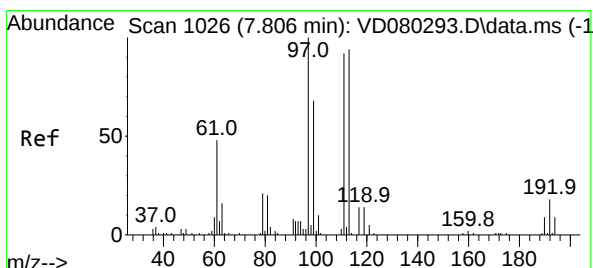
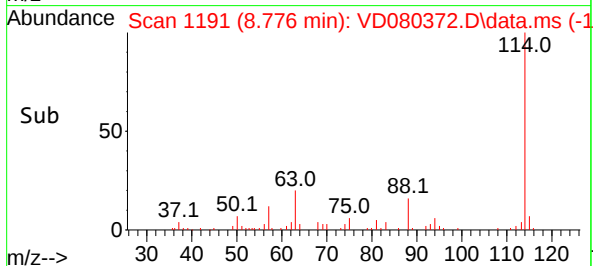
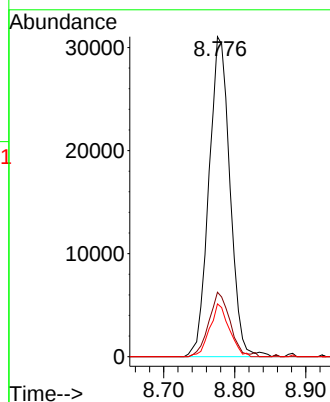
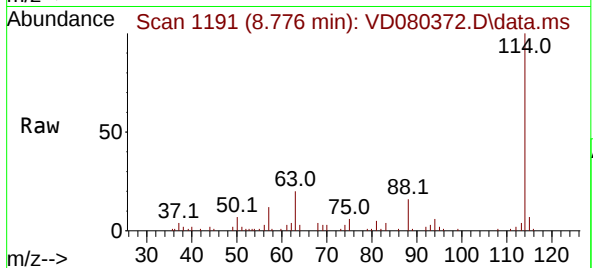
Tgt Ion:114 Resp: 63747

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 61.322 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080372.D

Acq: 16 May 2025 15:33

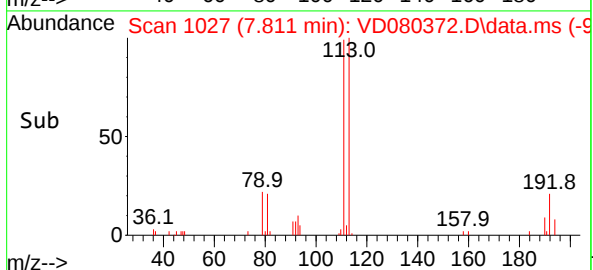
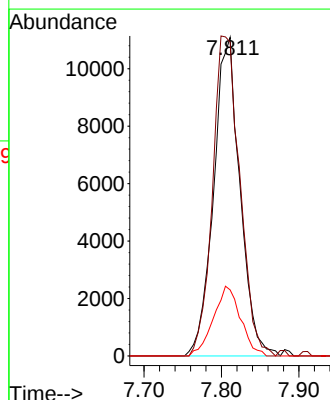
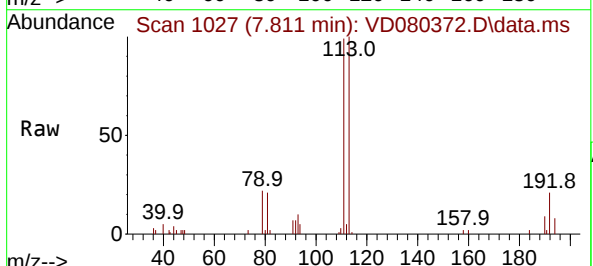
Tgt Ion:113 Resp: 26200

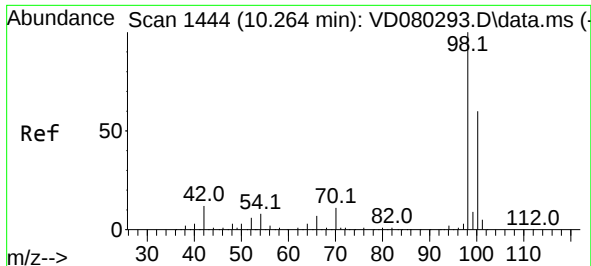
Ion Ratio Lower Upper

113 100

111 103.9 82.5 123.7

192 22.6 16.6 25.0

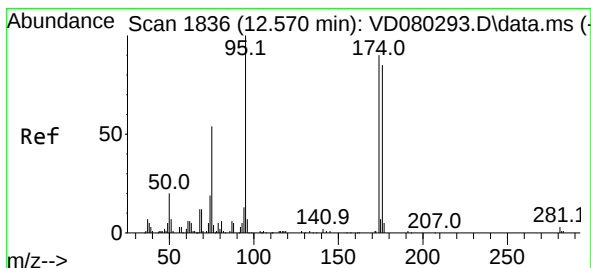
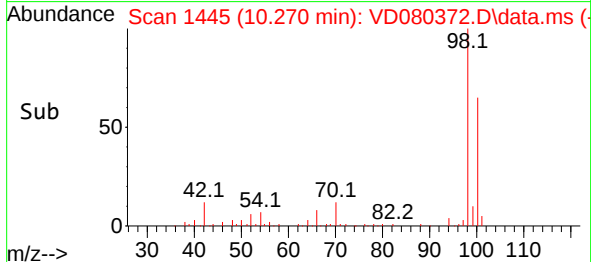
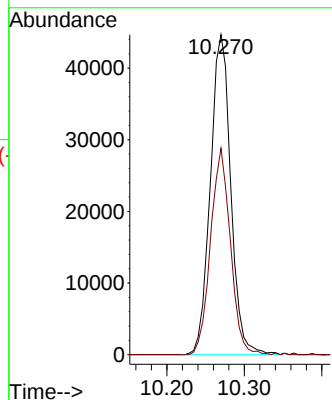
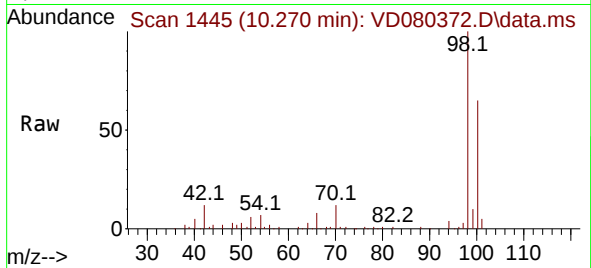




#50
Toluene-d8
Concen: 48.528 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080372.D
Acq: 16 May 2025 15:33

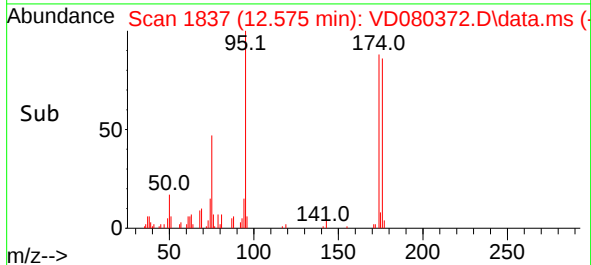
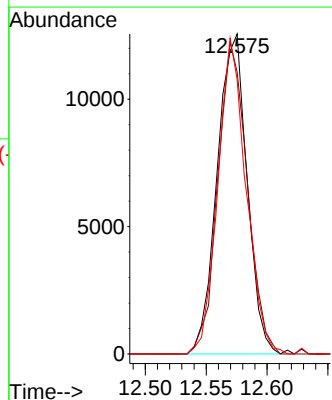
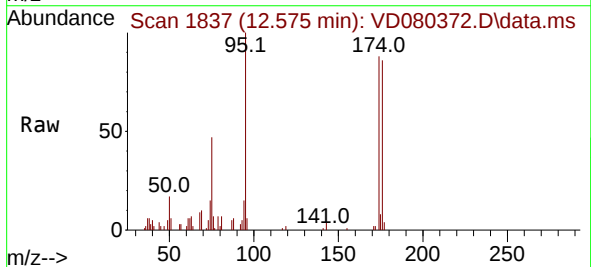
Instrument :
MSVOA_D
ClientSampleId :
VOC

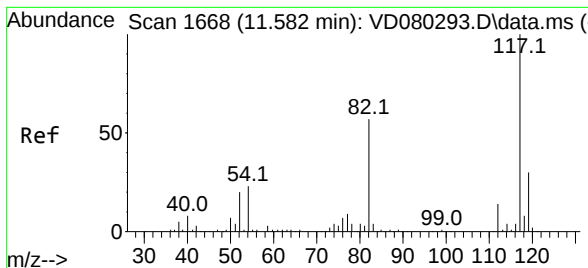
Tgt Ion: 98 Resp: 81694
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 39.702 ug/l
RT: 12.575 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD080372.D
Acq: 16 May 2025 15:33

Tgt Ion: 95 Resp: 21452
Ion Ratio Lower Upper
95 100
174 96.1 0.0 173.4
176 93.2 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080372.D

Acq: 16 May 2025 15:33

Instrument :

MSVOA_D

ClientSampleId :

VOC

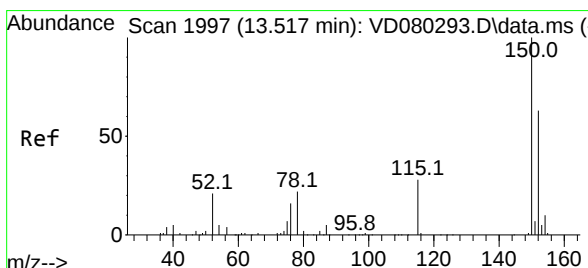
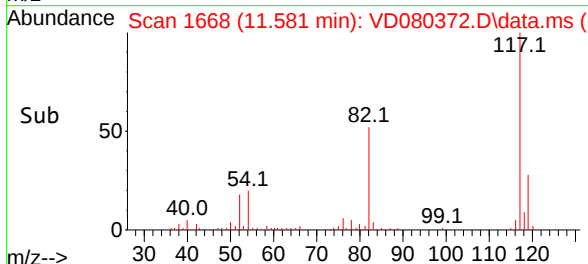
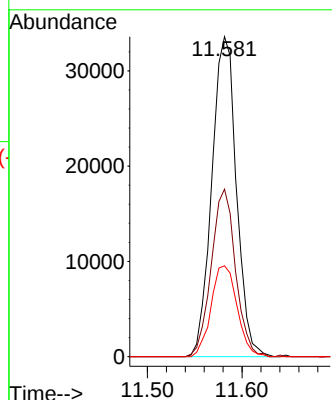
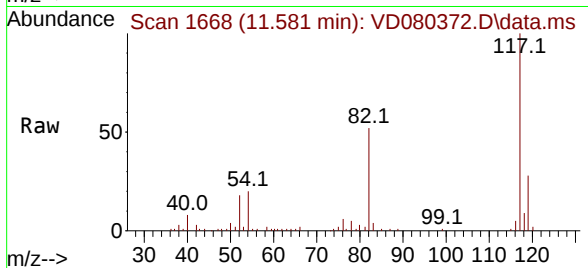
Tgt Ion:117 Resp: 60599

Ion Ratio Lower Upper

117 100

82 52.4 45.8 68.6

119 28.4 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: VD080372.D

Acq: 16 May 2025 15:33

Tgt Ion:152 Resp: 26581

Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.8

150 159.9 0.0 354.8

