

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
 Data File : VD080268.D
 Acq On : 25 Feb 2025 15:24
 Operator : RP/MD
 Sample : Q1398-01
 Misc : 5.01g/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUS-DISCONNECT

Quant Time: Feb 25 17:28:15 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	8813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	14852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	14639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9108	79.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.900%
35) Dibromofluoromethane	7.810	113	7724	73.380	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.760%
50) Toluene-d8	10.275	98	15156	38.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.660%
62) 4-Bromofluorobenzene	12.575	95	5091	40.647	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.300%

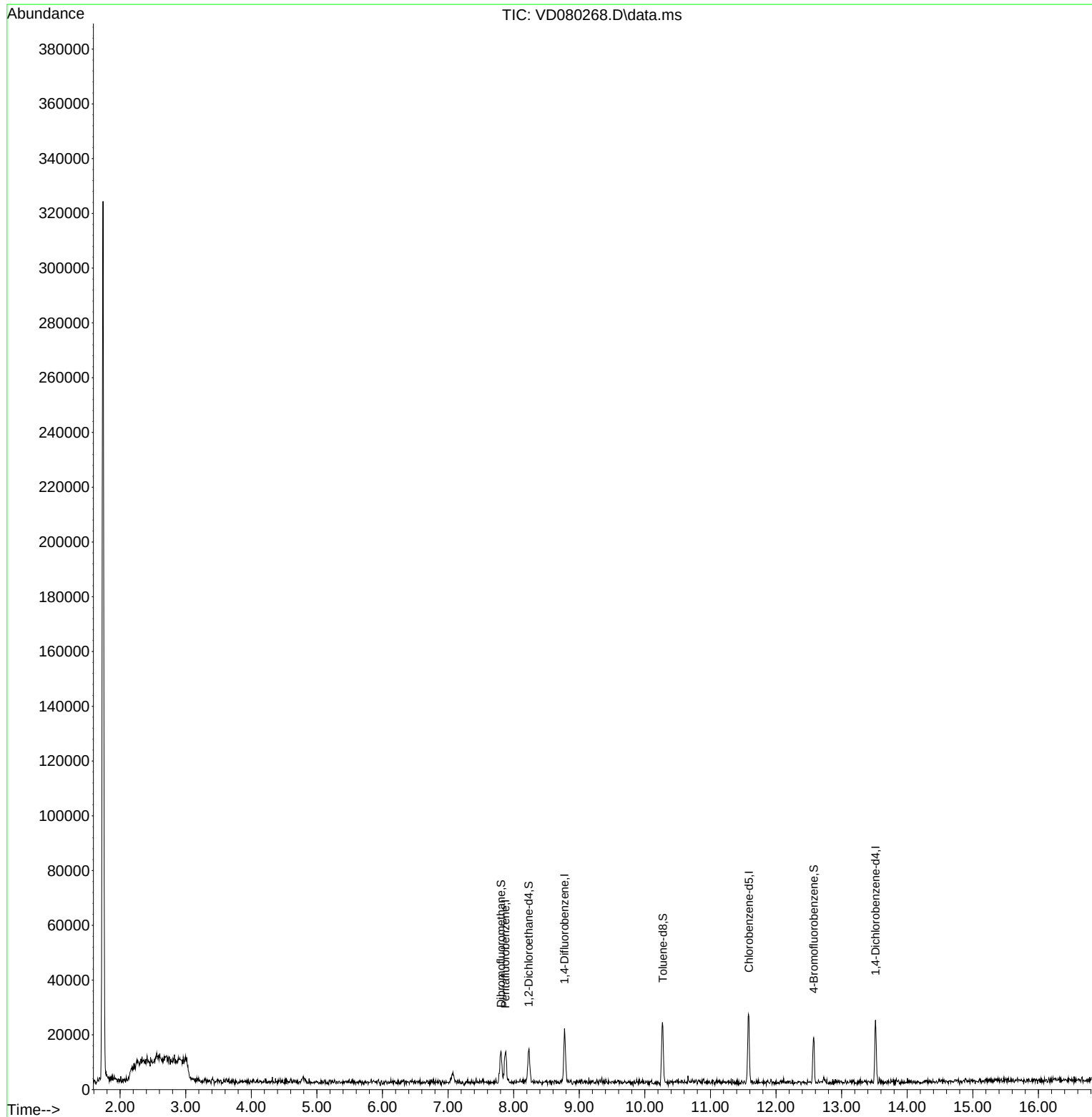
Target Compounds	Qvalue

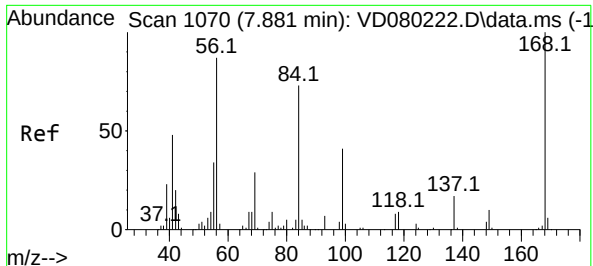
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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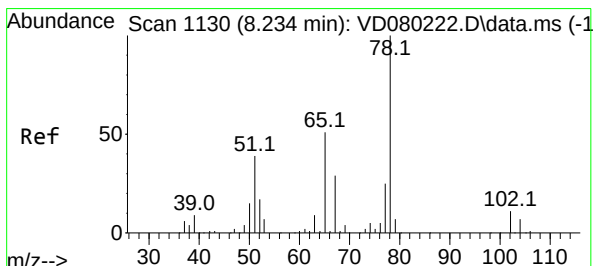
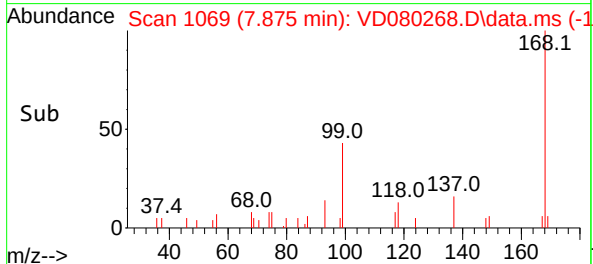
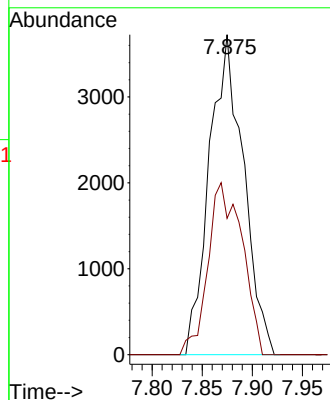
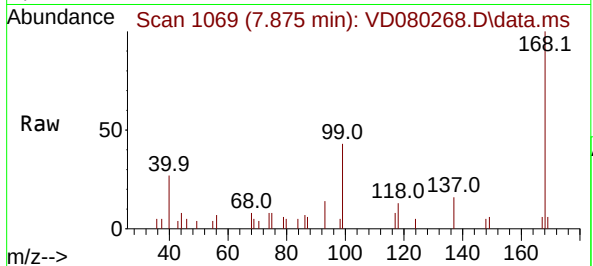




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080268.D
Acq: 25 Feb 2025 15:24

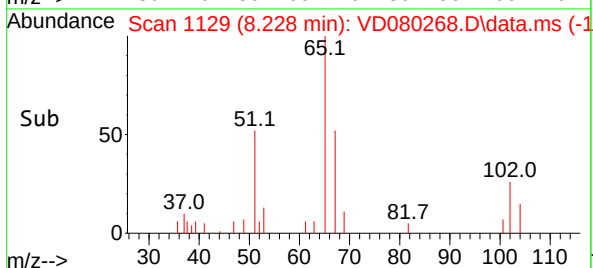
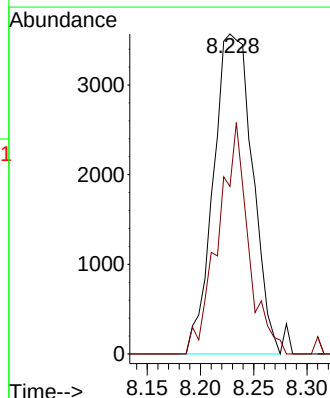
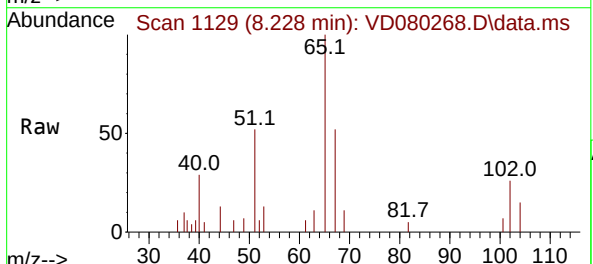
Instrument :
MSVOA_D
ClientSampleId :
BUS-DISCONNECT

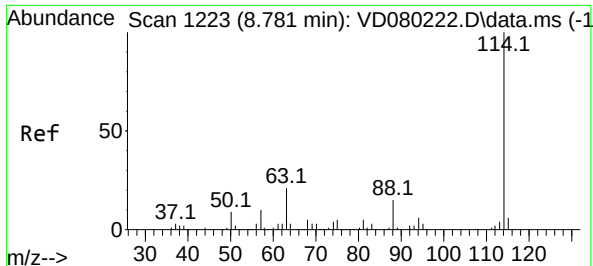
Tgt Ion:168 Resp: 8813
Ion Ratio Lower Upper
168 100
99 42.6 44.4 66.6#



#33
1,2-Dichloroethane-d4
Concen: 79.449 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080268.D
Acq: 25 Feb 2025 15:24

Tgt Ion: 65 Resp: 9108
Ion Ratio Lower Upper
65 100
67 56.1 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: VD080268.D

Acq: 25 Feb 2025 15:24

Instrument :

MSVOA_D

ClientSampleId :

BUS-DISCONNECT

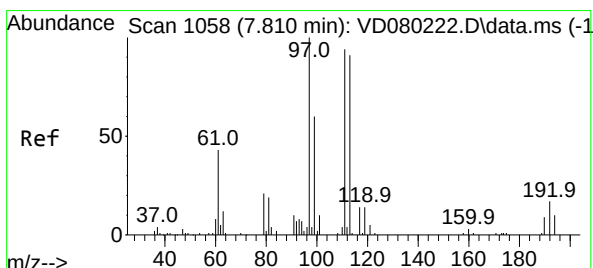
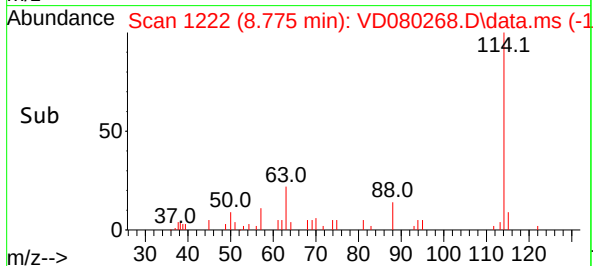
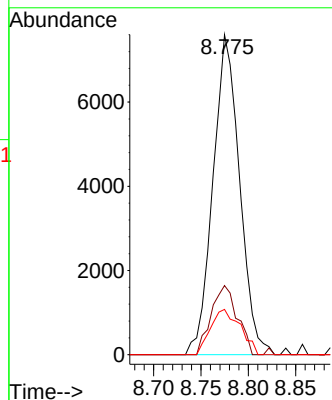
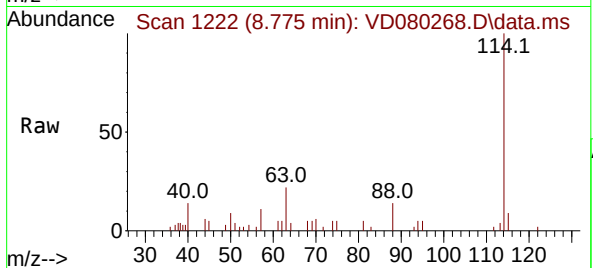
Tgt Ion:114 Resp: 14852

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 14.2 0.0 30.4



#35

Dibromofluoromethane

Concen: 73.380 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080268.D

Acq: 25 Feb 2025 15:24

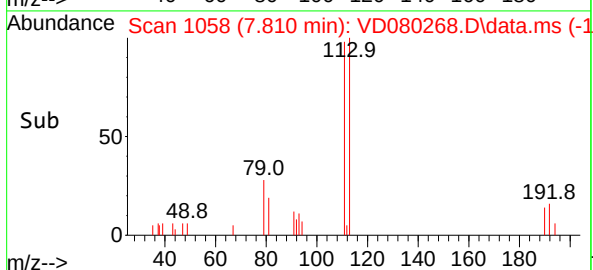
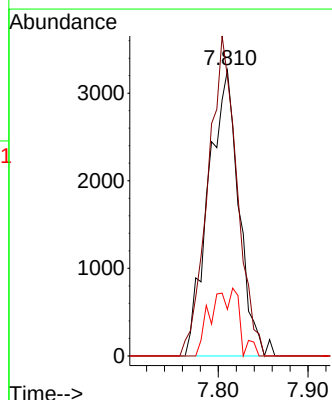
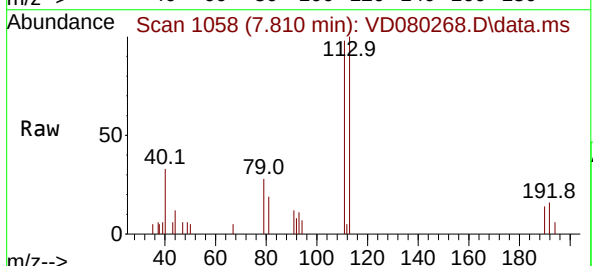
Tgt Ion:113 Resp: 7724

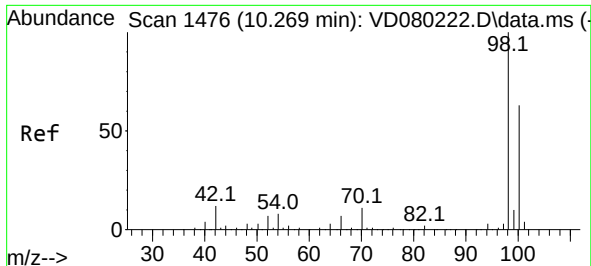
Ion Ratio Lower Upper

113 100

111 106.1 85.0 127.4

192 22.3 15.5 23.3

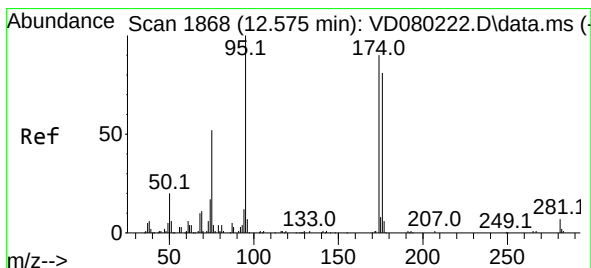
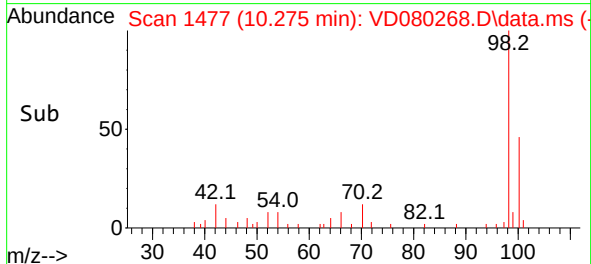
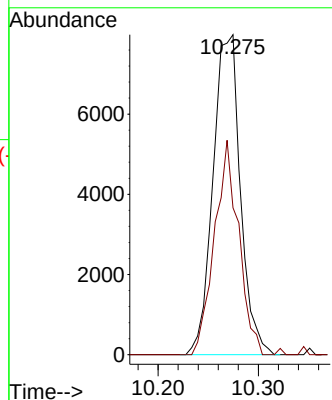
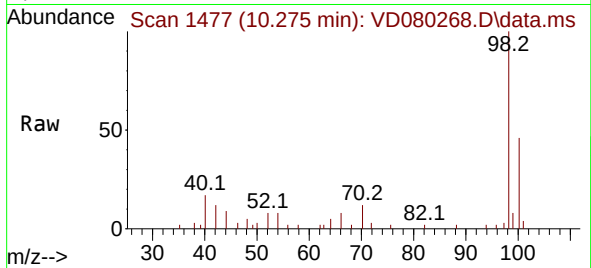




#50
Toluene-d8
Concen: 38.827 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD080268.D
Acq: 25 Feb 2025 15:24

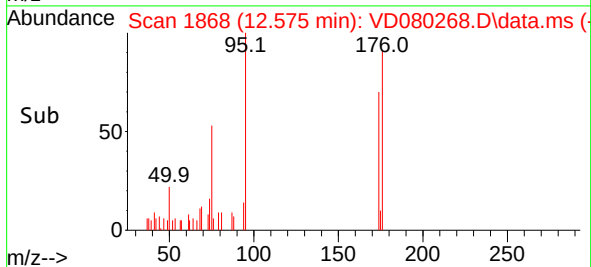
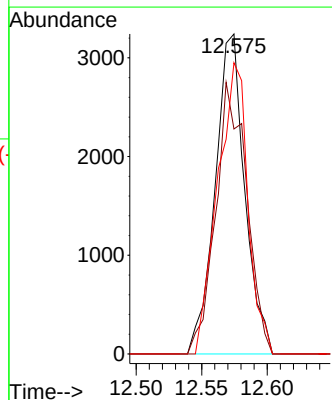
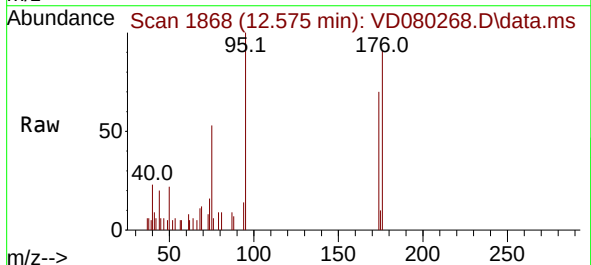
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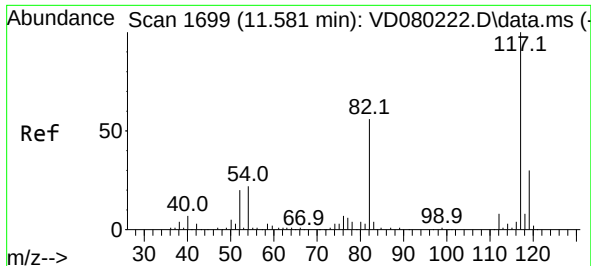
Tgt Ion: 98 Resp: 15156
Ion Ratio Lower Upper
98 100
100 59.0 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 40.647 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080268.D
Acq: 25 Feb 2025 15:24

Tgt Ion: 95 Resp: 5091
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.8
176 93.1 0.0 159.6

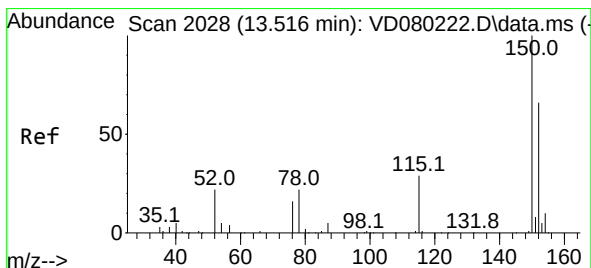
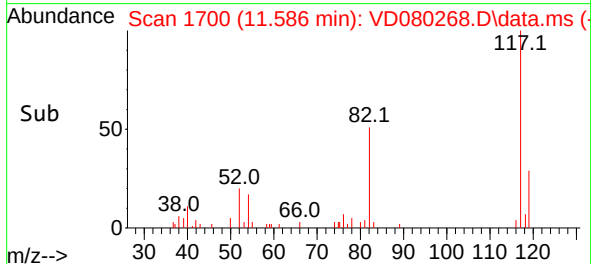
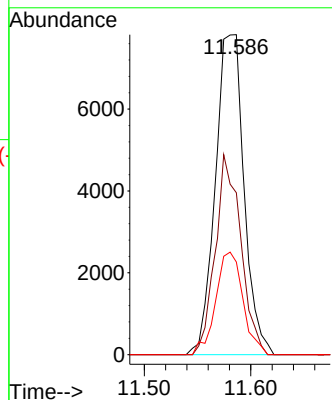
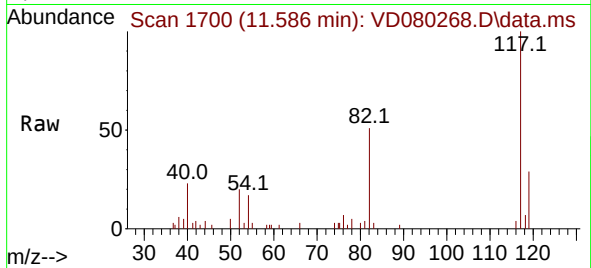




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080268.D
Acq: 25 Feb 2025 15:24

Instrument :
MSVOA_D
ClientSampleId :
BUS-DISCONNECT

Tgt Ion:117 Resp: 14639
Ion Ratio Lower Upper
117 100
82 50.6 45.0 67.6
119 28.9 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: VD080268.D
Acq: 25 Feb 2025 15:24

Tgt Ion:152 Resp: 6012
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 155.4 0.0 350.4

