

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078276.D
 Acq On : 30 Jan 2024 13:09
 Operator : RP/MD
 Sample : BLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLK

Quant Time: Jan 31 00:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	164305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	317827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79186	38.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.860%
35) Dibromofluoromethane	7.805	113	95141	42.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.100%
50) Toluene-d8	10.269	98	397612	46.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.575	95	131983	51.446	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.900%

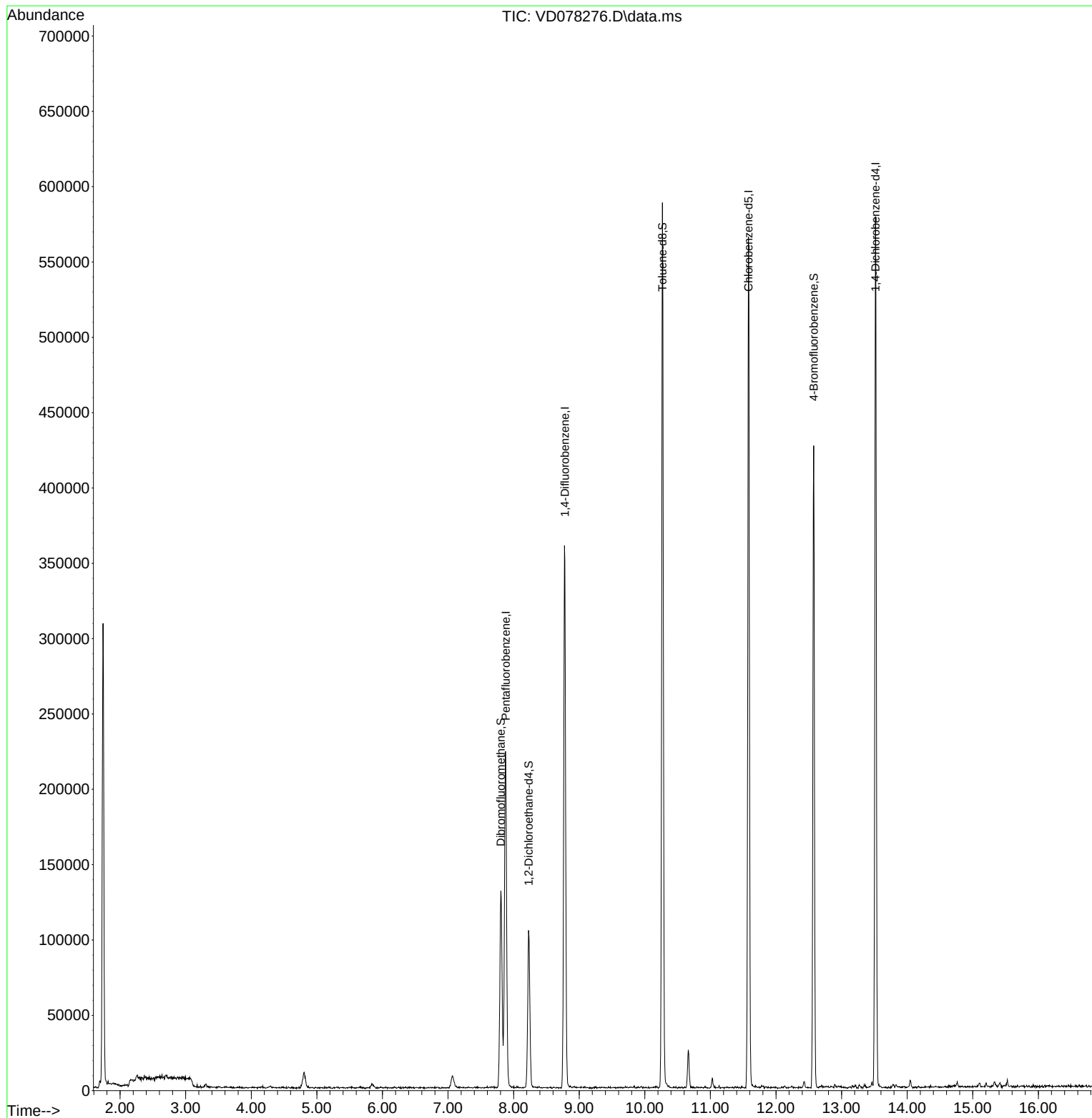
Target Compounds	Qvalue

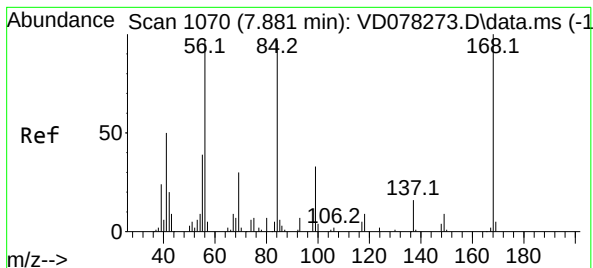
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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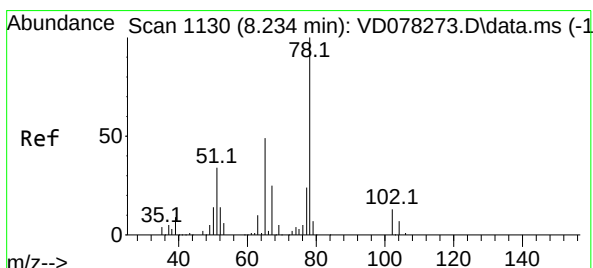
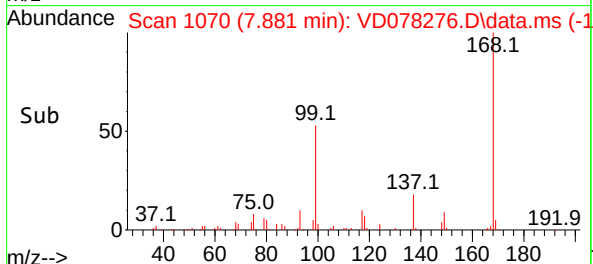
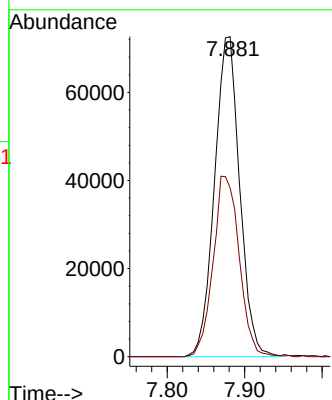
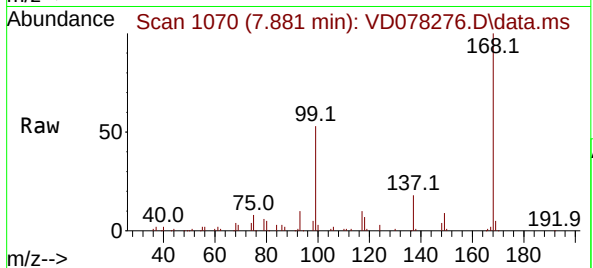




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

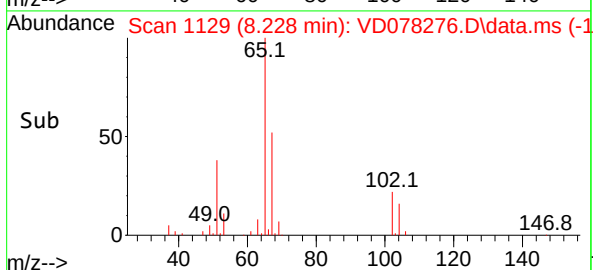
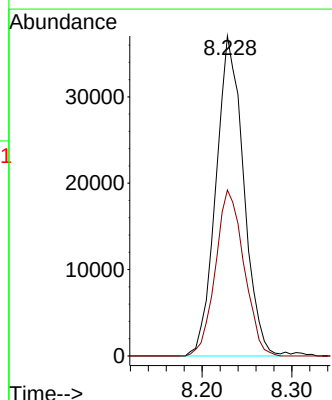
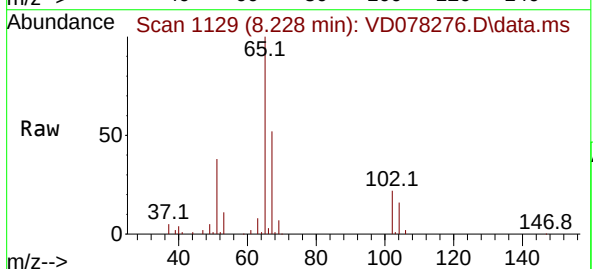
Instrument :
MSVOA_D
ClientSampleId :
BLK

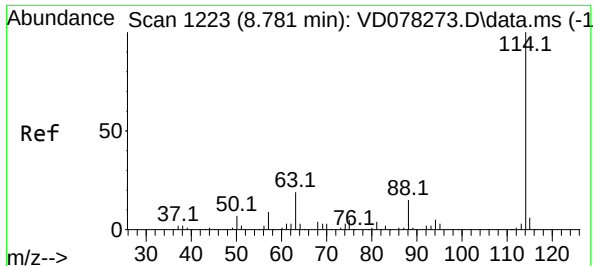
Tgt Ion:168 Resp: 164305
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 38.931 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion: 65 Resp: 79186
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

Instrument :

MSVOA_D

ClientSampleId :

BLK

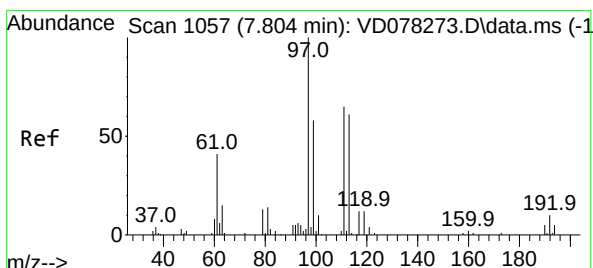
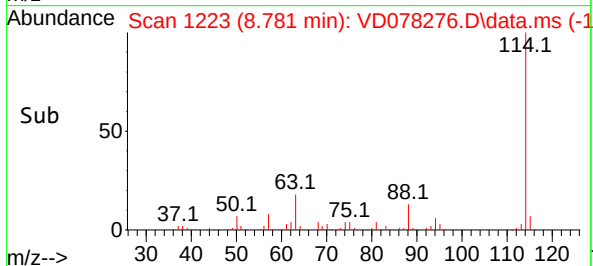
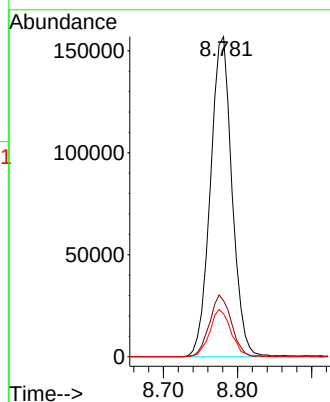
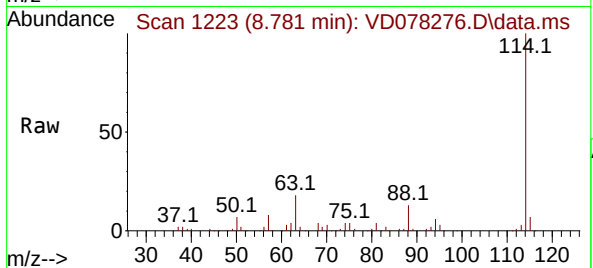
Tgt Ion:114 Resp: 317827

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.048 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078276.D

Acq: 30 Jan 2024 13:09

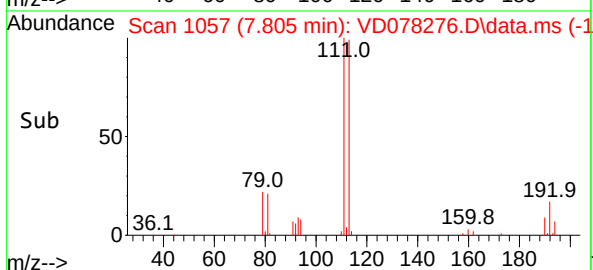
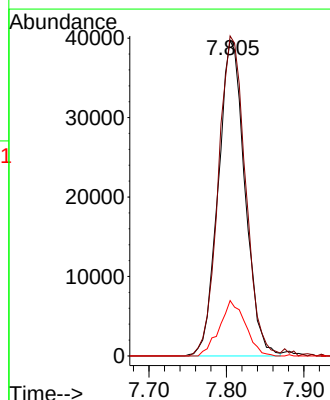
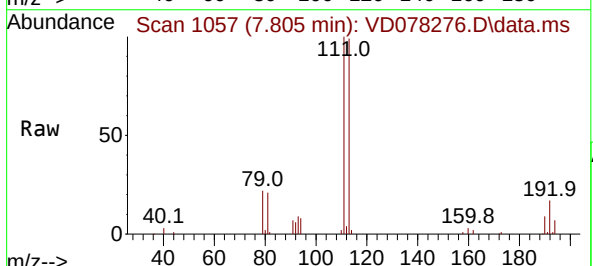
Tgt Ion:113 Resp: 95141

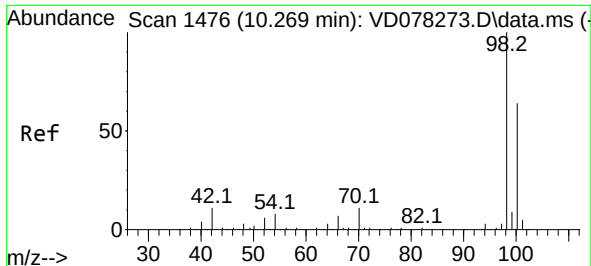
Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 17.1 16.8 25.2

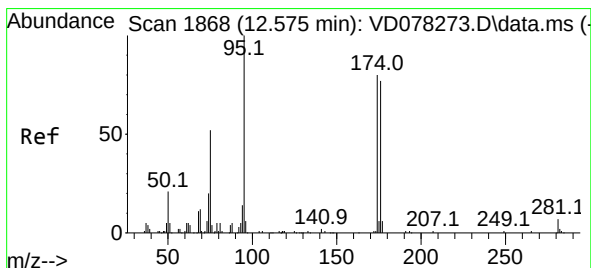
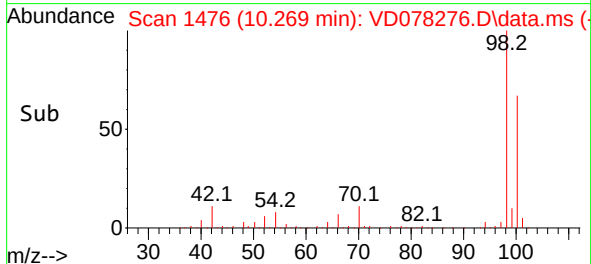
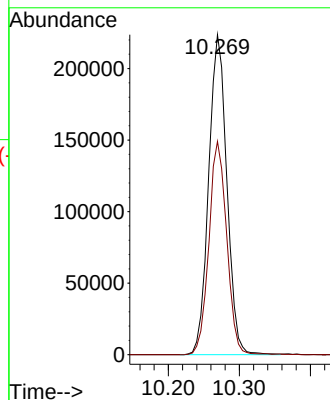
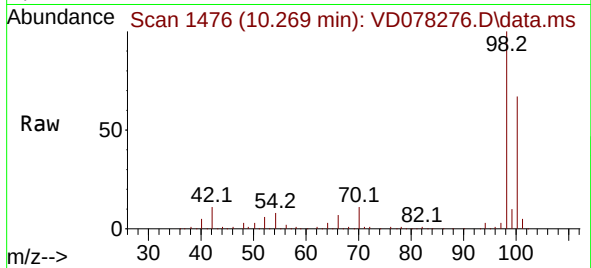




#50
Toluene-d8
Concen: 46.414 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

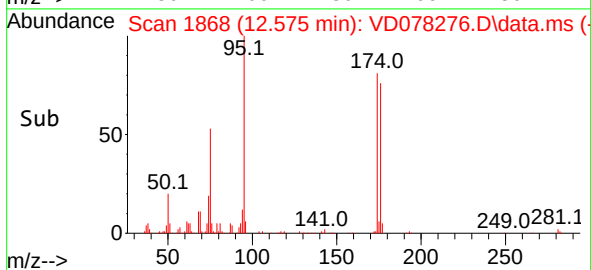
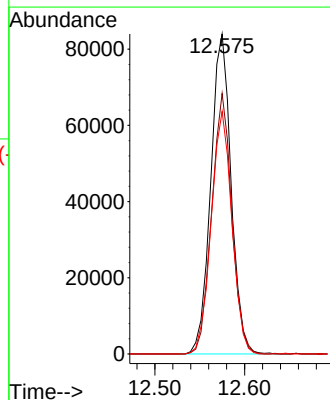
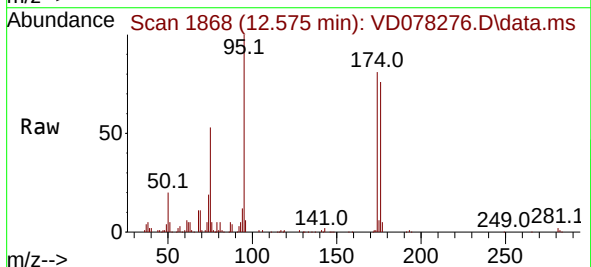
Instrument :
MSVOA_D
ClientSampleId :
BLK

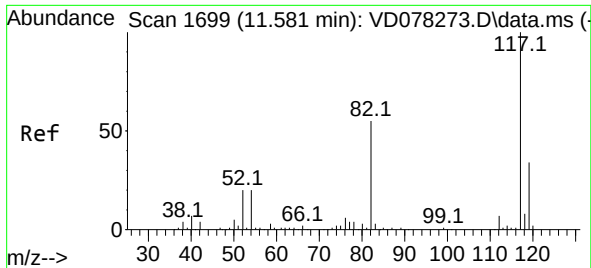
Tgt Ion: 98 Resp: 397612
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.446 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion: 95 Resp: 131983
Ion Ratio Lower Upper
95 100
174 80.6 0.0 201.8
176 76.9 0.0 191.8

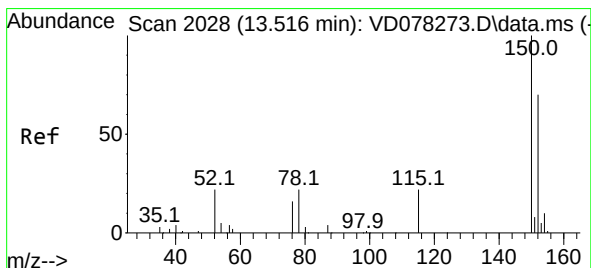
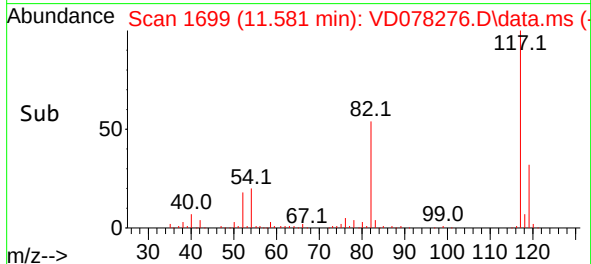
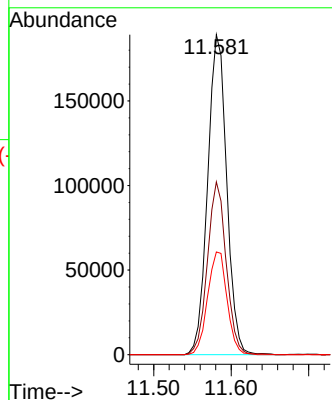
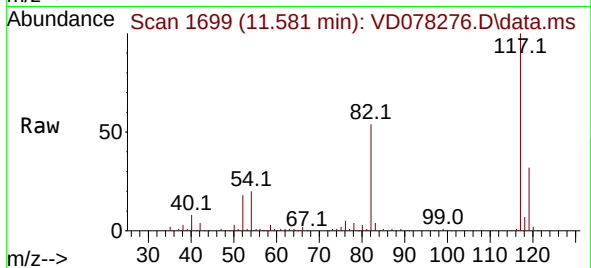




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Instrument :
MSVOA_D
ClientSampleId :
BLK

Tgt Ion:117 Resp: 322548
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078276.D
Acq: 30 Jan 2024 13:09

Tgt Ion:152 Resp: 147956
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 156.1 0.0 353.6

