

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078228.D
 Acq On : 24 Jan 2024 17:32
 Operator : RP/MD
 Sample : P1235-02
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 140

Quant Time: Jan 25 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	113800	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	245106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63238	48.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.810	113	76258	47.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.540%
50) Toluene-d8	10.269	98	321288	50.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.575	95	93219	50.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.640%

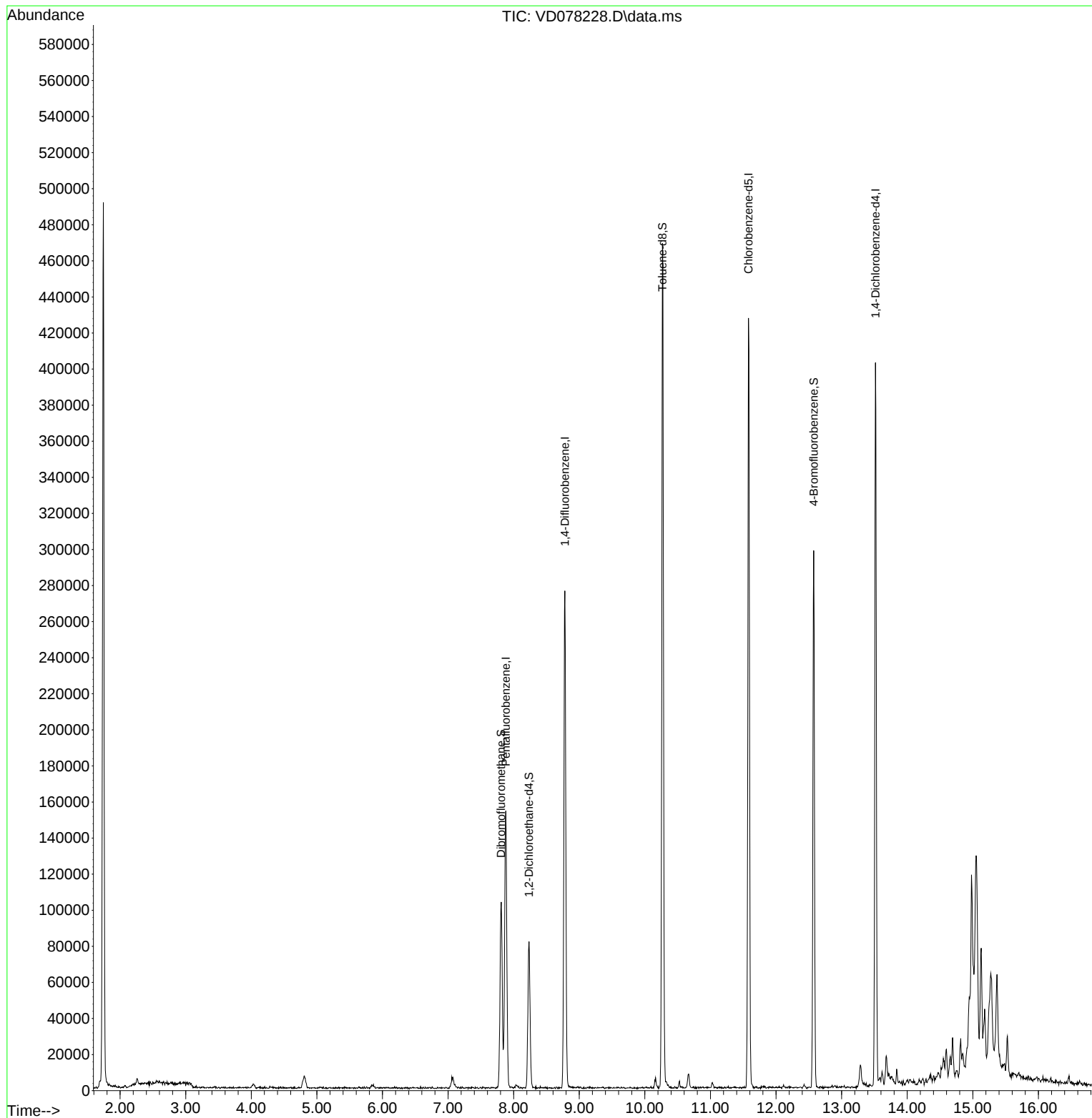
Target Compounds	Qvalue

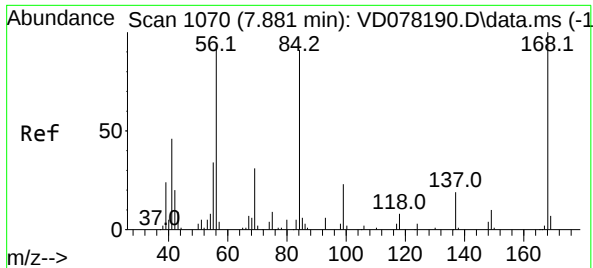
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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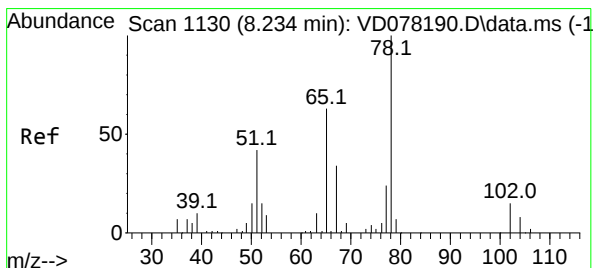
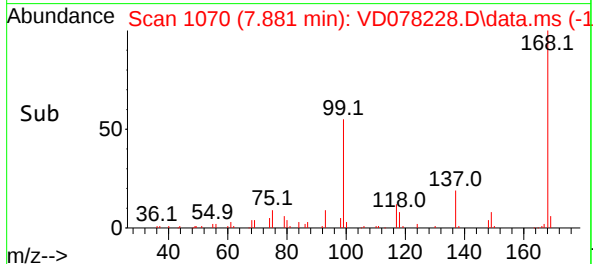
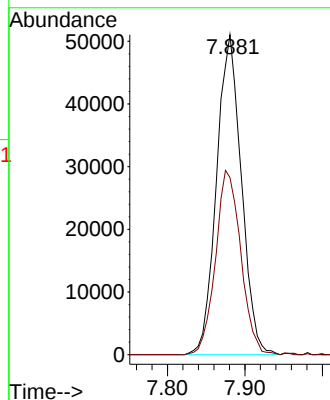
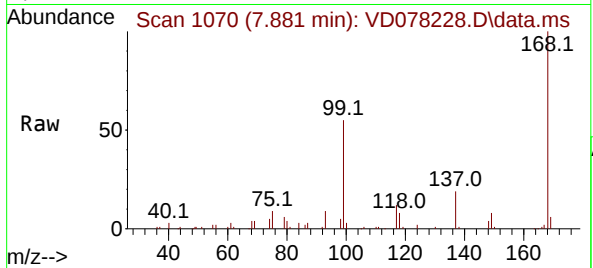




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

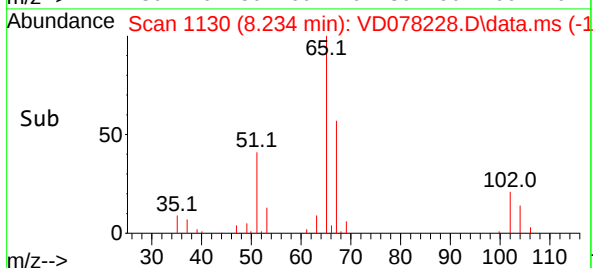
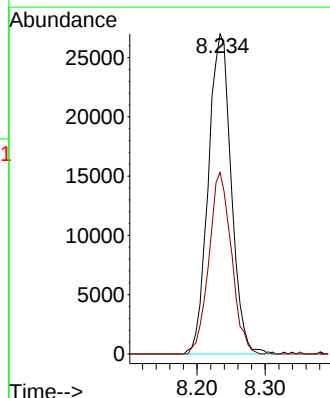
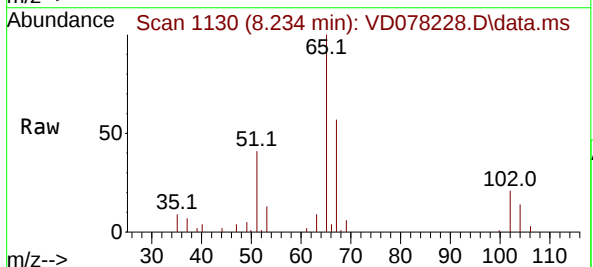
Instrument :
MSVOA_D
ClientSampleId :
140

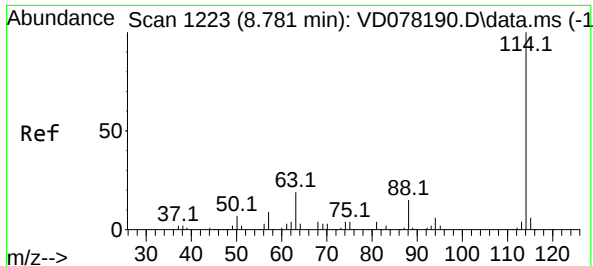
Tgt Ion:168 Resp: 113800
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.677 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 65 Resp: 63238
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0

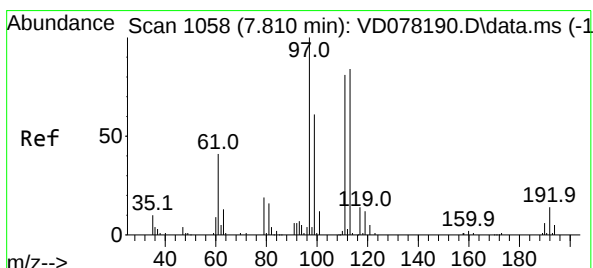
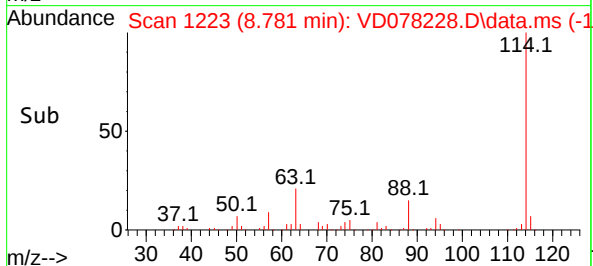
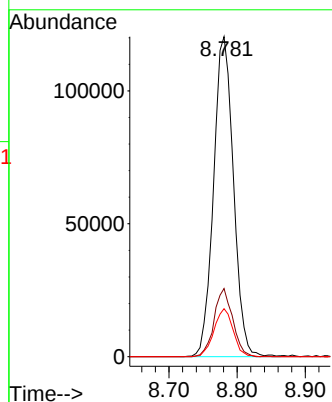
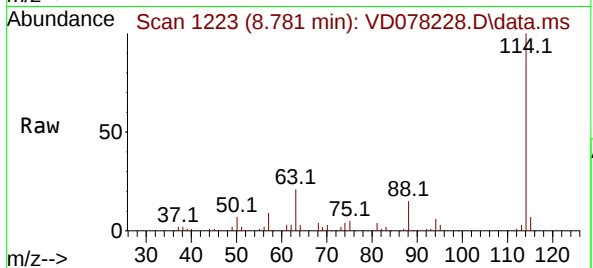




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

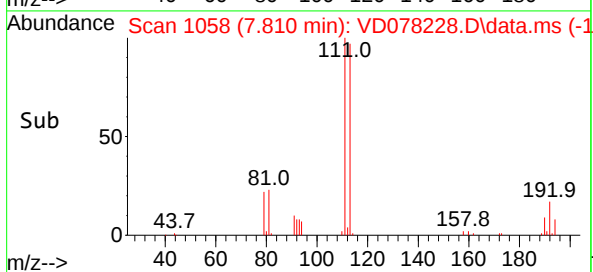
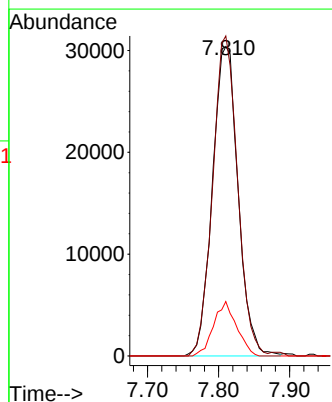
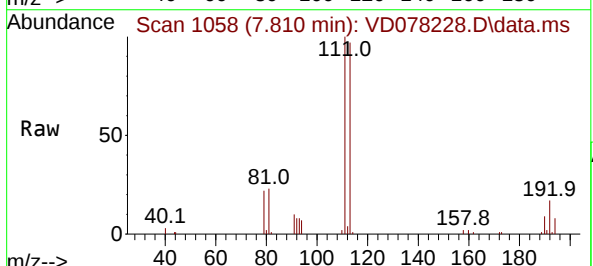
Instrument :
MSVOA_D
ClientSampleId :
140

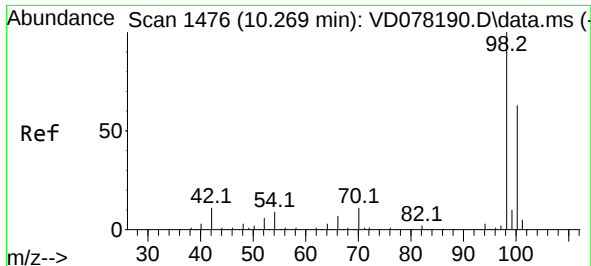
Tgt Ion:114 Resp: 245106
Ion Ratio Lower Upper
114 100
63 21.3 0.0 33.4
88 15.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.273 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion:113 Resp: 76258
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 15.8 16.8 25.2#

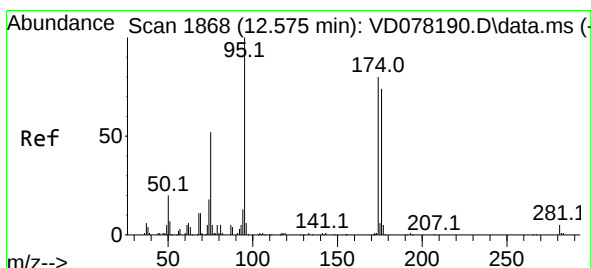
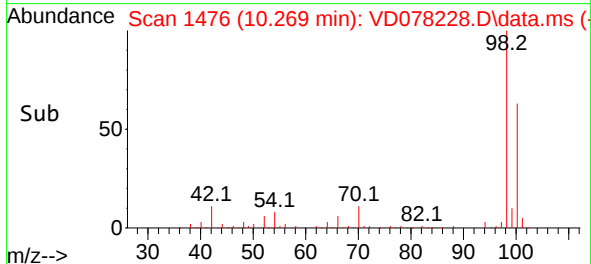
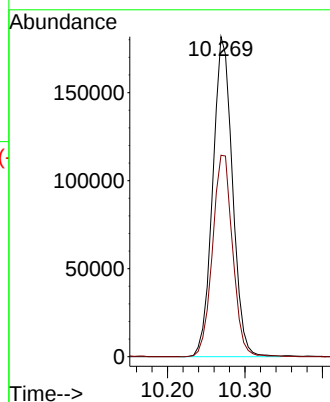
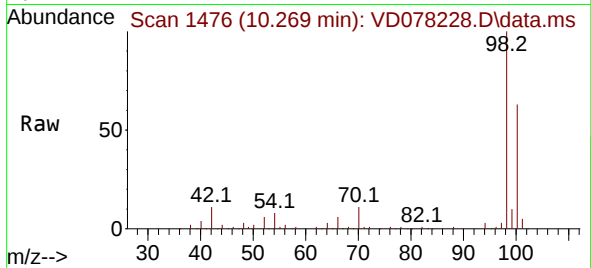




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

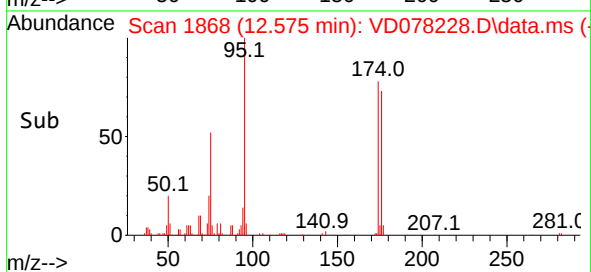
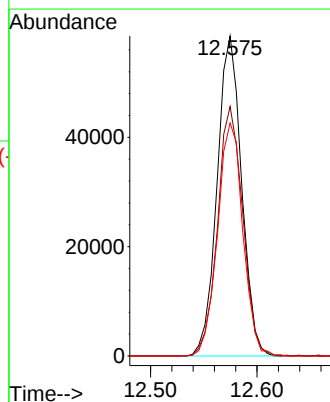
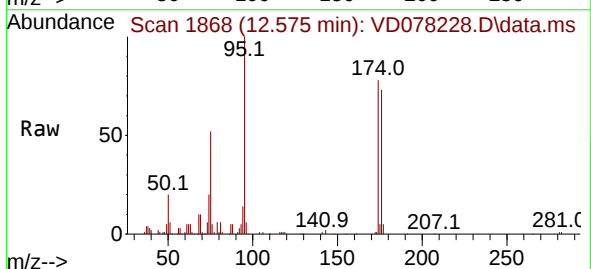
Instrument :
MSVOA_D
ClientSampleId :
140

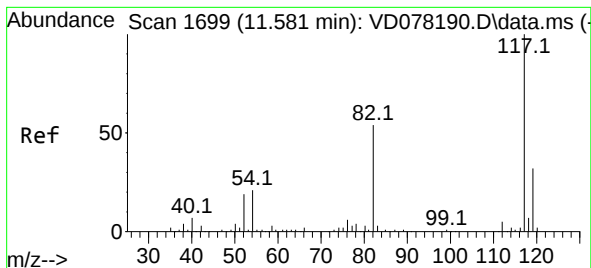
Tgt Ion: 98 Resp: 321288
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 95 Resp: 93219
Ion Ratio Lower Upper
95 100
174 80.1 0.0 201.8
176 75.4 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: VD078228.D

Acq: 24 Jan 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

140

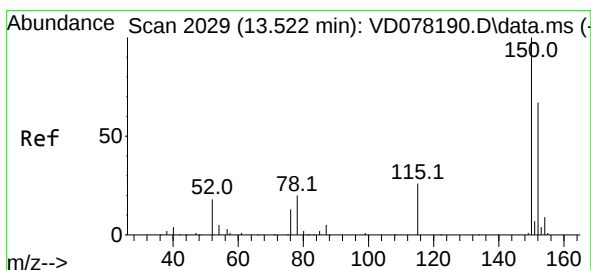
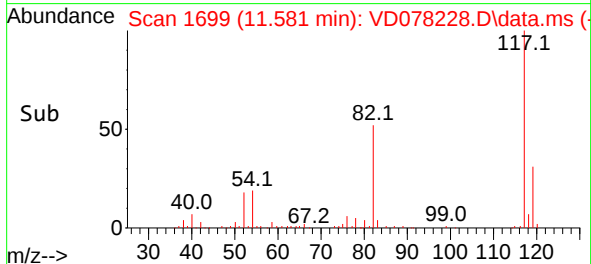
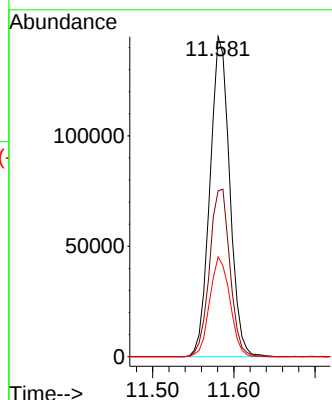
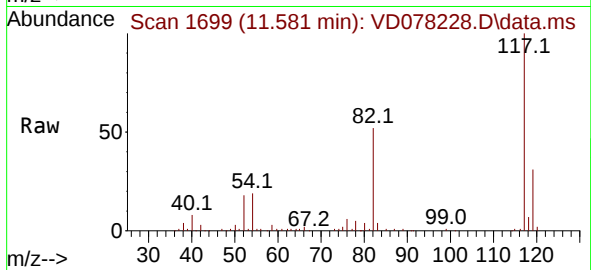
Tgt Ion:117 Resp: 244549

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 31.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078228.D

Acq: 24 Jan 2024 17:32

Tgt Ion:152 Resp: 99269

Ion Ratio Lower Upper

152 100

115 61.9 27.1 81.3

150 160.4 0.0 353.6

