

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078728.D
 Acq On : 21 Mar 2024 17:08
 Operator : RP/MD
 Sample : P1815-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-032024

Quant Time: Mar 22 06:56:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	115586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56141	51.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.660%
35) Dibromofluoromethane	7.810	113	70077	49.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.269	98	274486	52.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.575	95	79348	51.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.680%

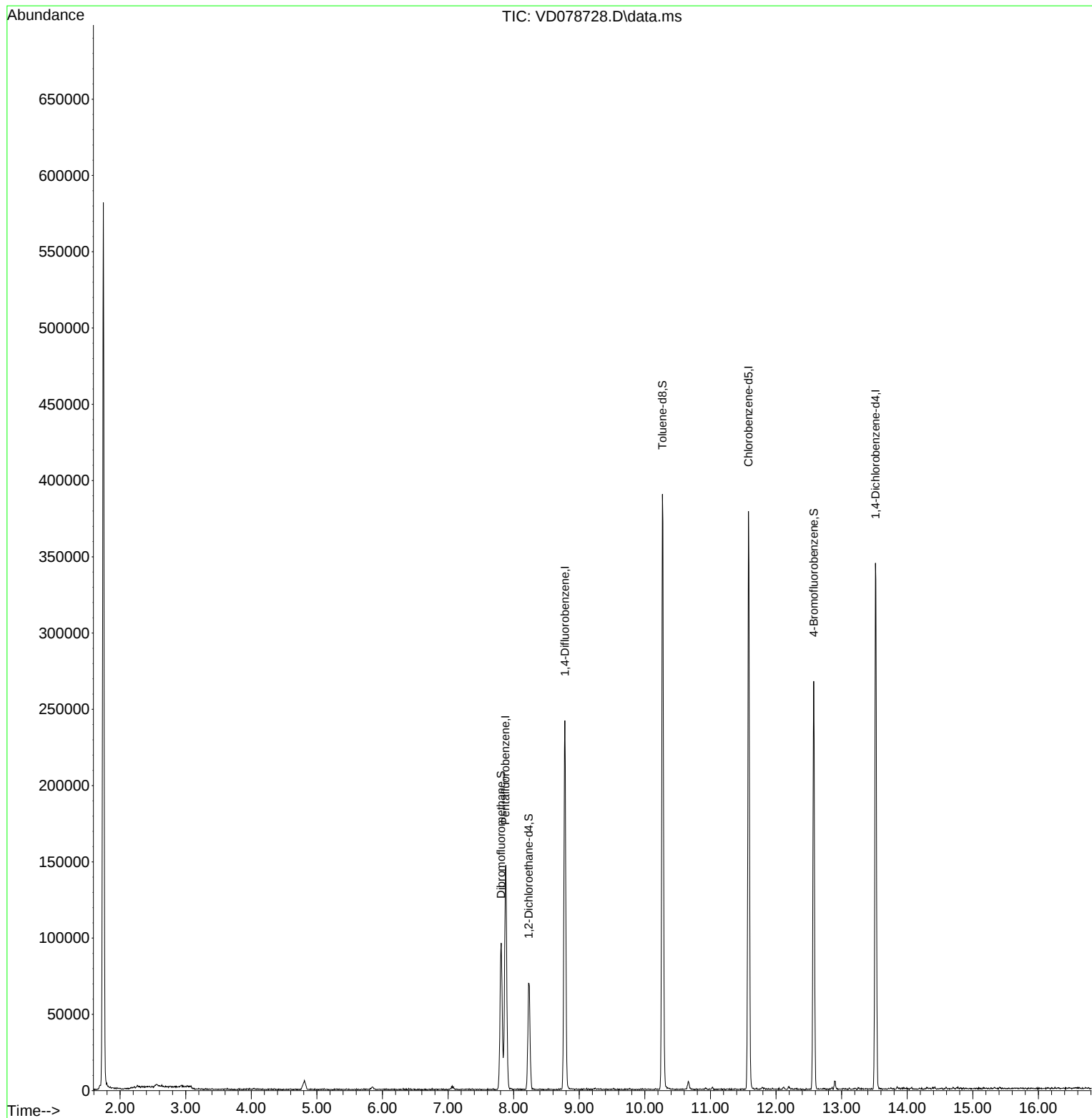
Target Compounds	Qvalue

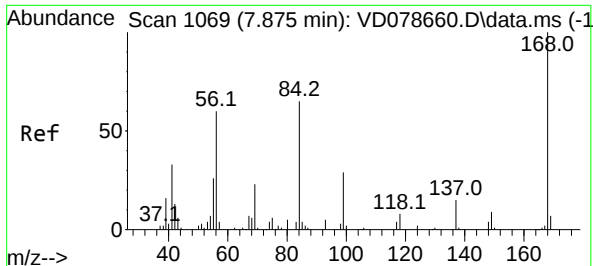
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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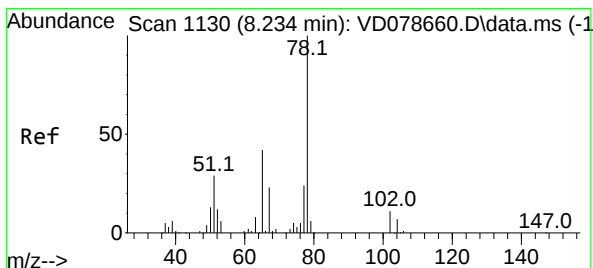
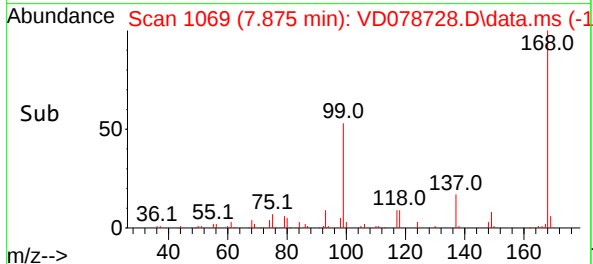
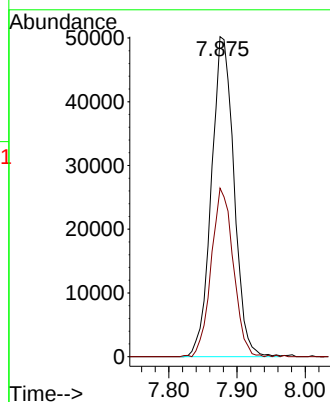
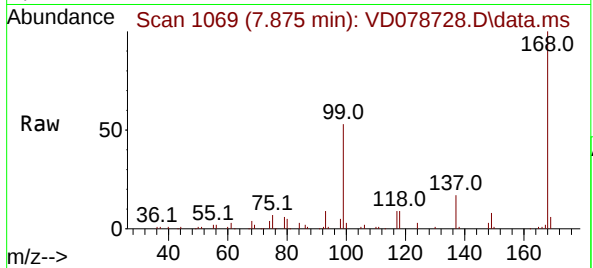




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD078728.D
Acq: 21 Mar 2024 17:08

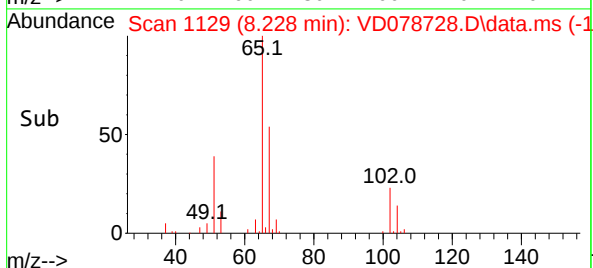
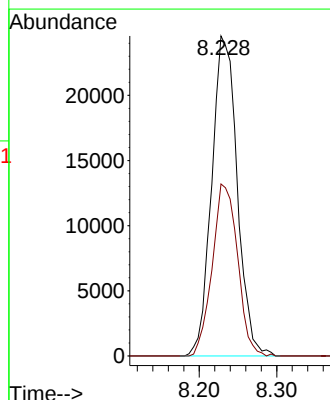
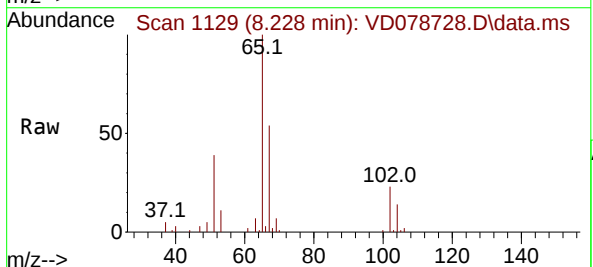
Instrument :
MSVOA_D
ClientSampleId :
OK-01-032024

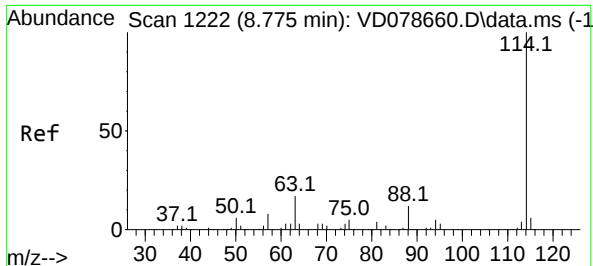
Tgt Ion:168 Resp: 115586
Ion Ratio Lower Upper
168 100
99 52.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.827 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078728.D
Acq: 21 Mar 2024 17:08

Tgt Ion: 65 Resp: 56141
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078728.D

Acq: 21 Mar 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :

OK-01-032024

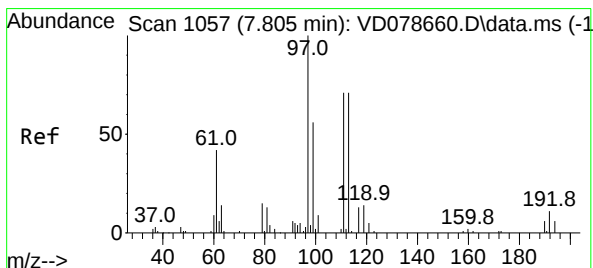
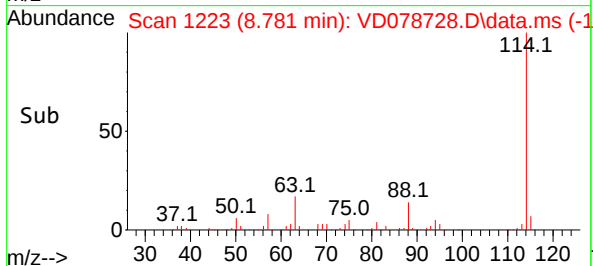
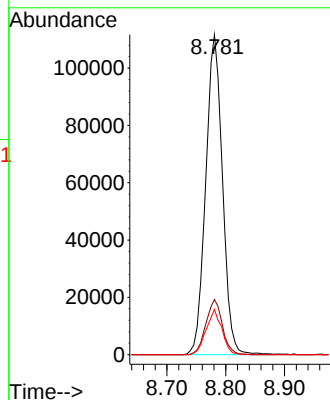
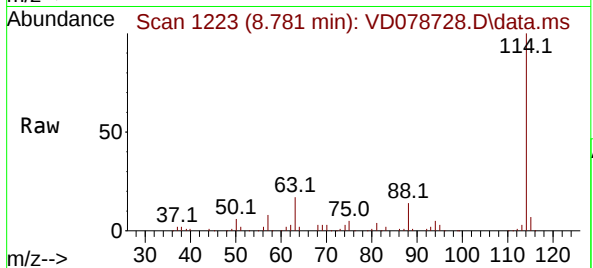
Tgt Ion:114 Resp: 220942

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.262 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078728.D

Acq: 21 Mar 2024 17:08

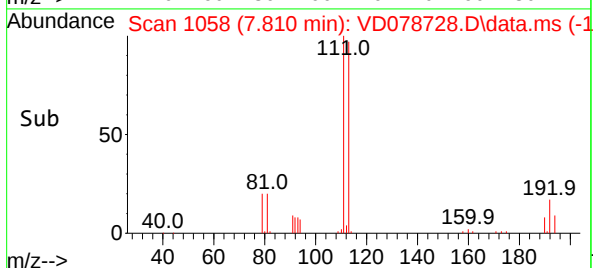
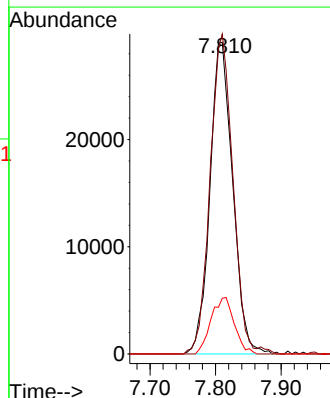
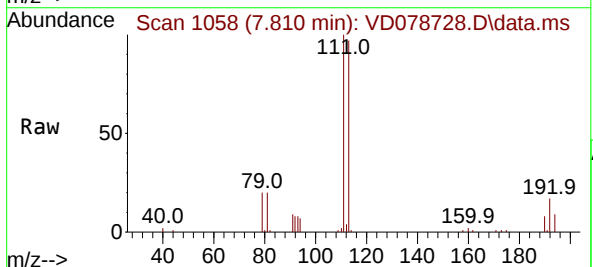
Tgt Ion:113 Resp: 70077

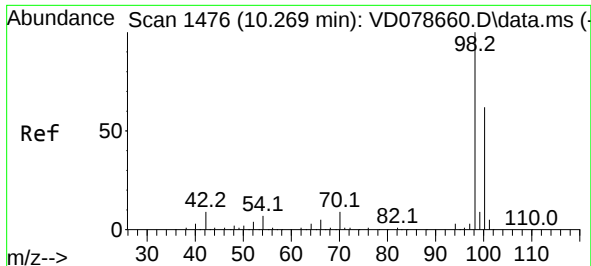
Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 18.5 15.4 23.0

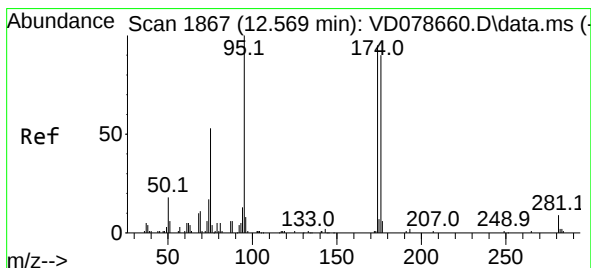
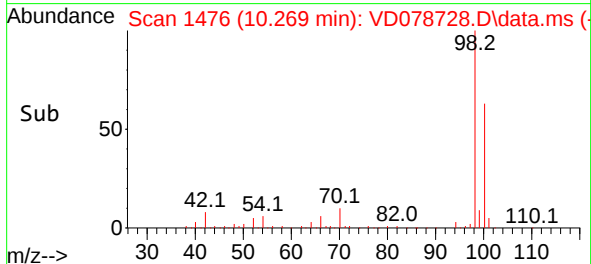
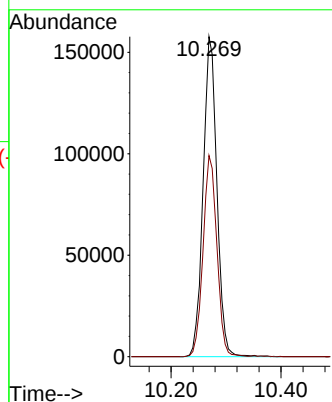
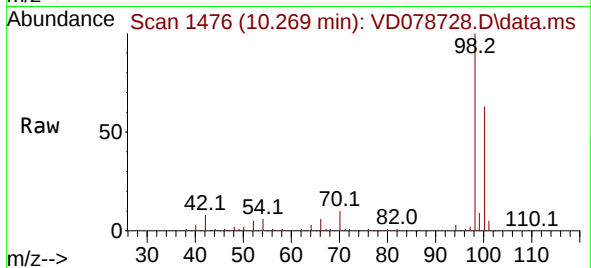




#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078728.D
Acq: 21 Mar 2024 17:08

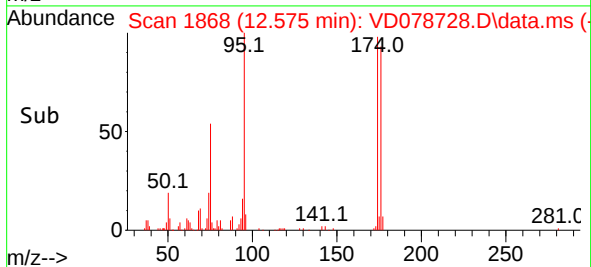
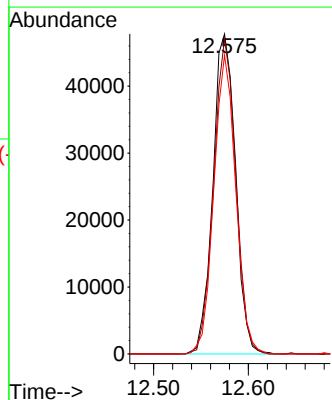
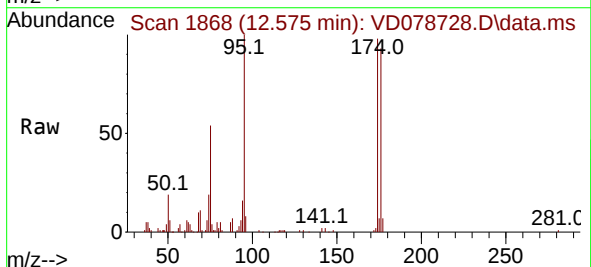
Instrument :
MSVOA_D
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OK-01-032024

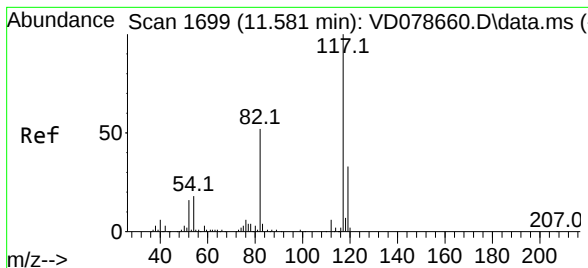
Tgt Ion: 98 Resp: 274486
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078728.D
Acq: 21 Mar 2024 17:08

Tgt Ion: 95 Resp: 79348
Ion Ratio Lower Upper
95 100
174 96.2 0.0 195.2
176 90.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078728.D

Acq: 21 Mar 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :

OK-01-032024

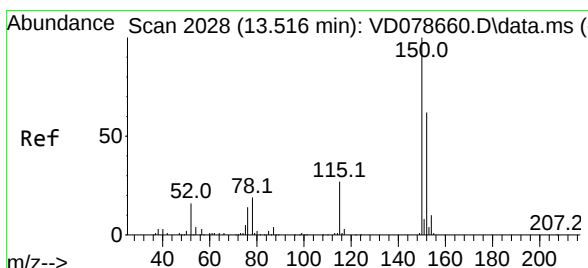
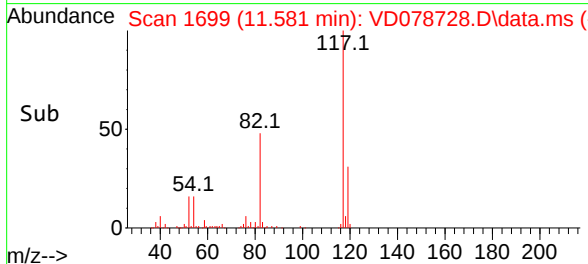
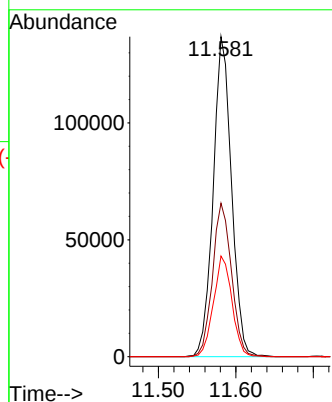
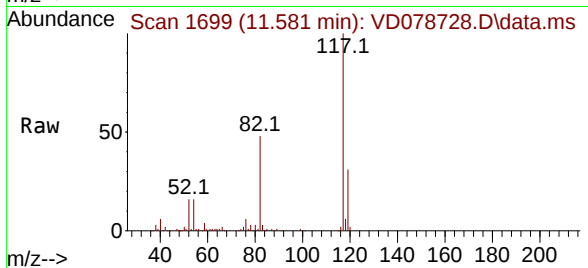
Tgt Ion:117 Resp: 224985

Ion Ratio Lower Upper

117 100

82 48.0 41.4 62.2

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078728.D

Acq: 21 Mar 2024 17:08

Tgt Ion:152 Resp: 95818

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.2

150 157.2 0.0 350.2

