

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078694.D
 Acq On : 18 Mar 2024 14:02
 Operator : RP/MD
 Sample : P1746-19RE
 Misc : 5.07G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0RE

Quant Time: Mar 19 01:26:38 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	84401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	146911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52106	65.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.760%
35) Dibromofluoromethane	7.804	113	54162	57.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.520%
50) Toluene-d8	10.269	98	172521	49.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.569	95	32719	32.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.300%

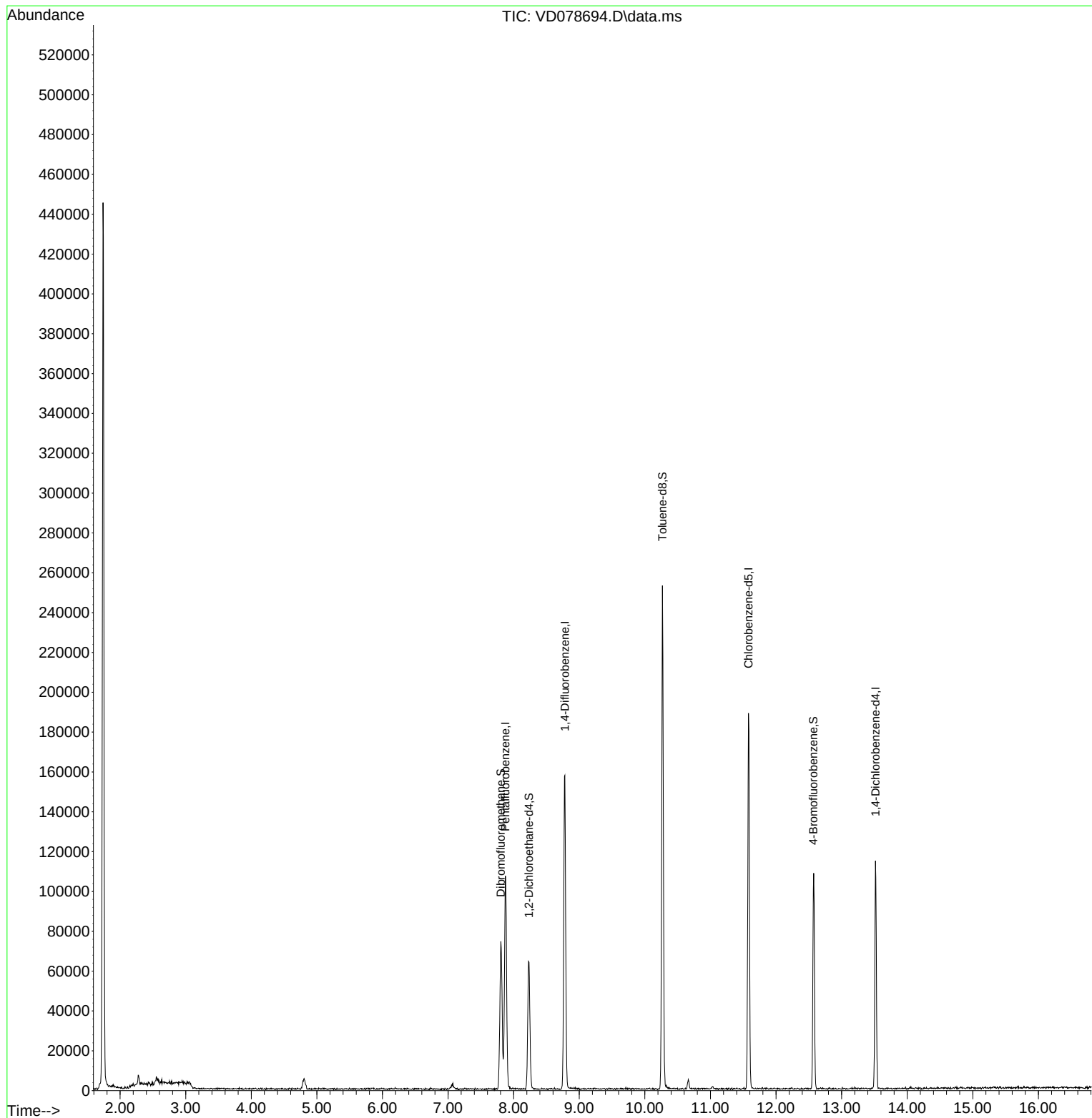
Target Compounds	Qvalue

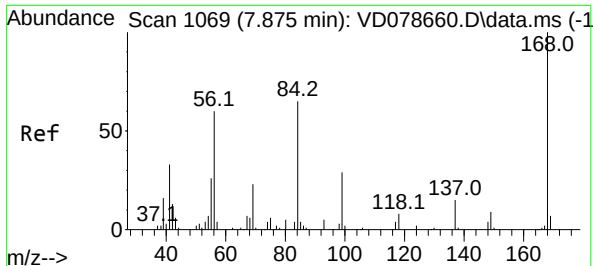
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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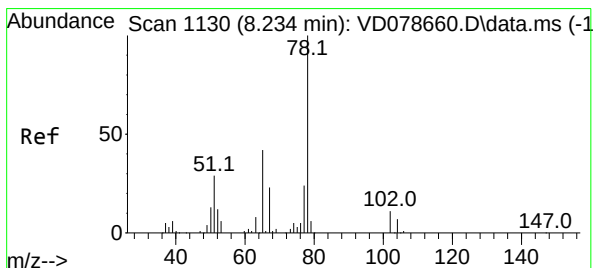
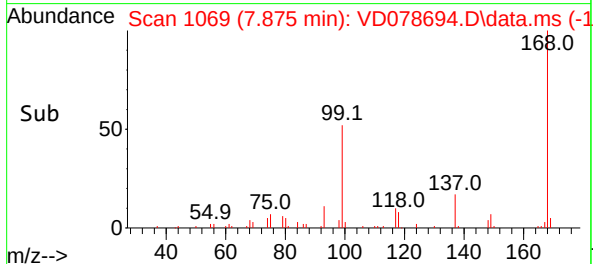
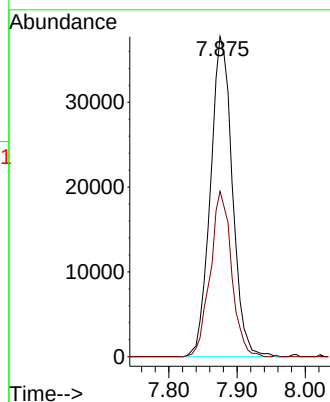
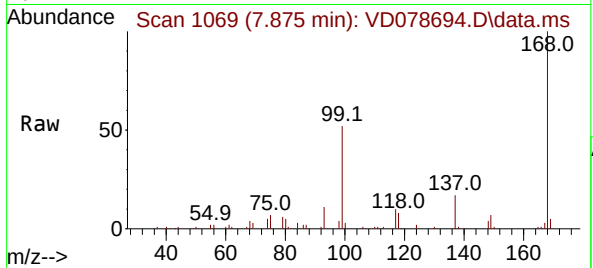




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

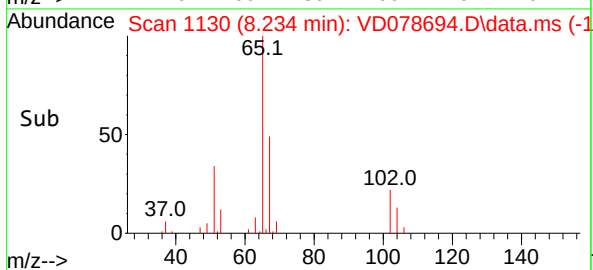
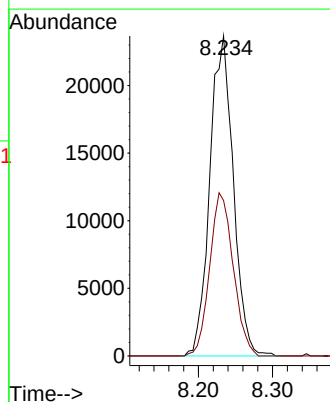
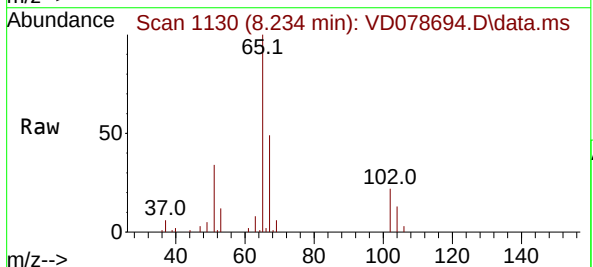
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

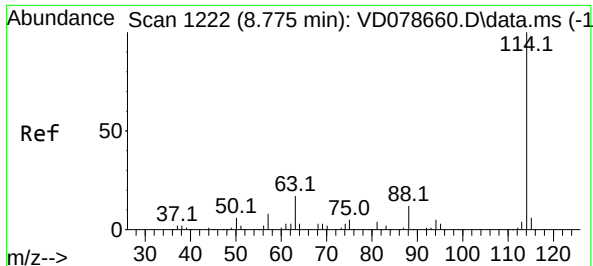
Tgt Ion:168 Resp: 84401
Ion Ratio Lower Upper
168 100
99 51.6 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 65.876 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion: 65 Resp: 52106
Ion Ratio Lower Upper
65 100
67 51.1 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: VD078694.D

Acq: 18 Mar 2024 14:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0RE

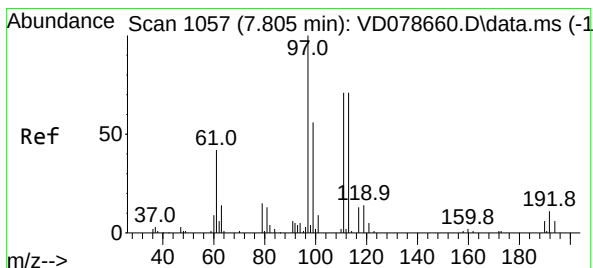
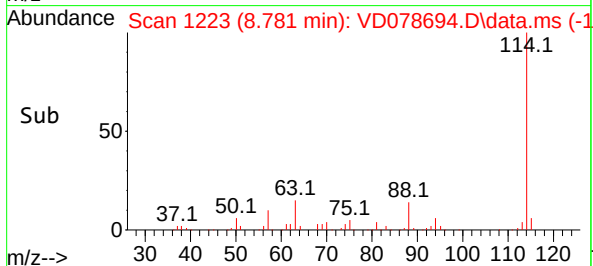
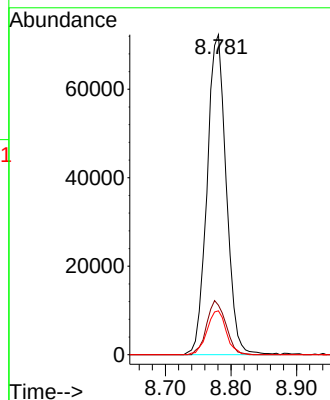
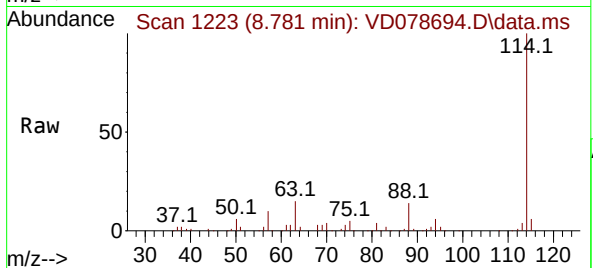
Tgt Ion:114 Resp: 146911

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 13.7 0.0 24.6



#35

Dibromofluoromethane

Concen: 57.261 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078694.D

Acq: 18 Mar 2024 14:02

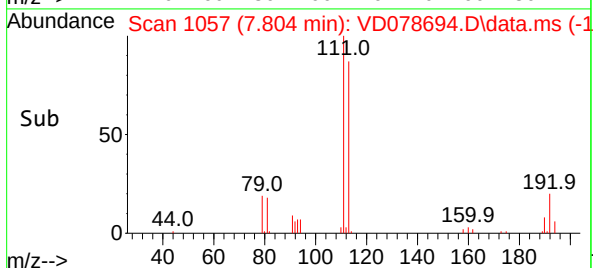
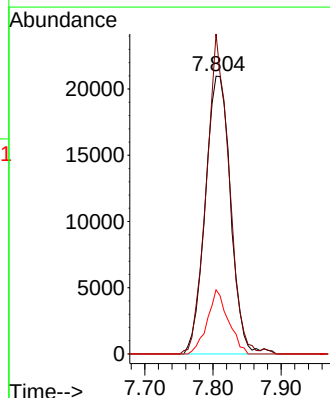
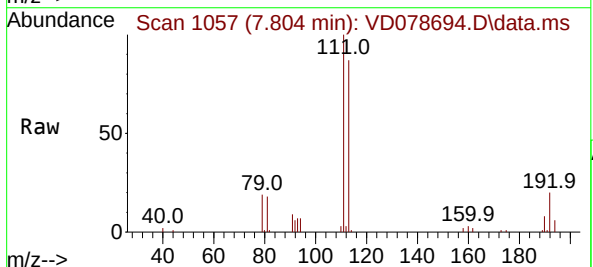
Tgt Ion:113 Resp: 54162

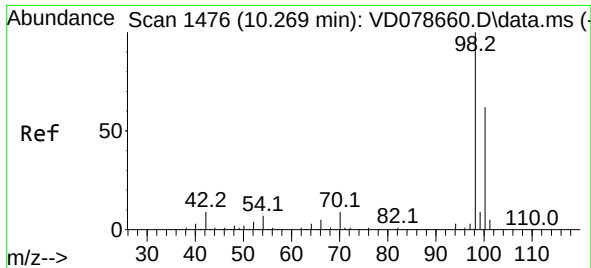
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 19.2 15.4 23.0

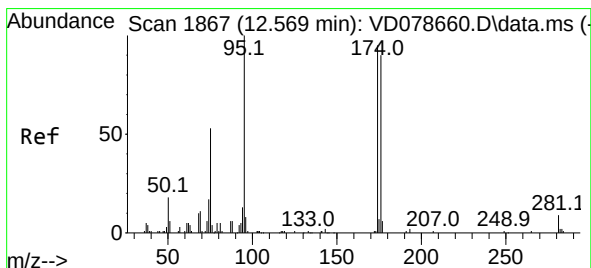
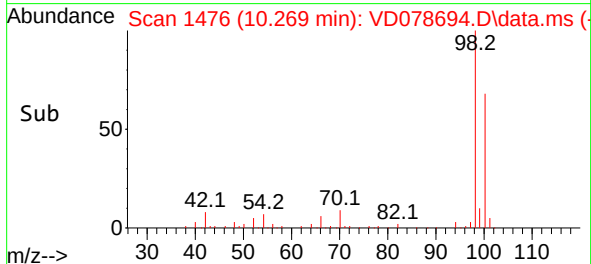
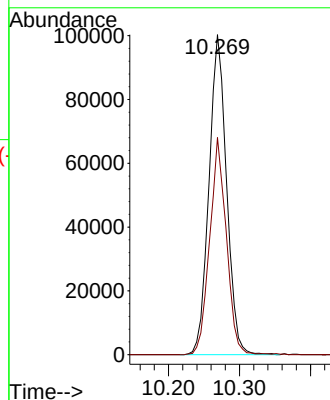
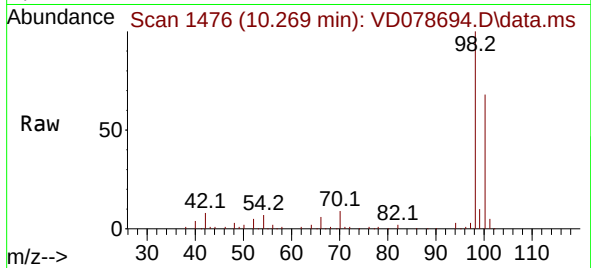




#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

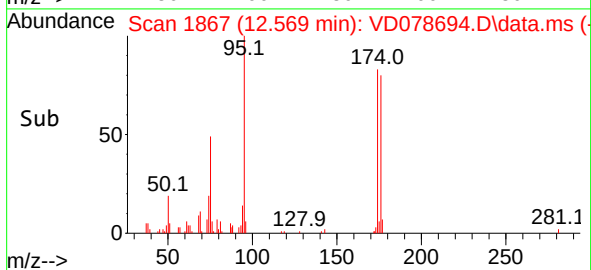
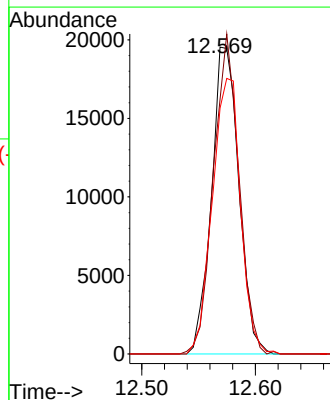
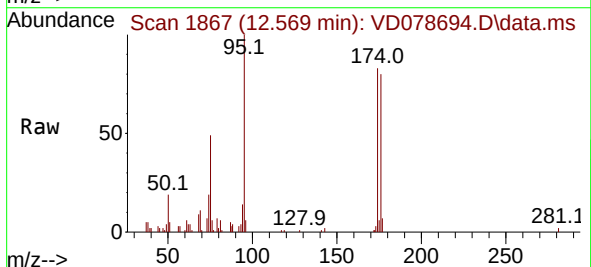
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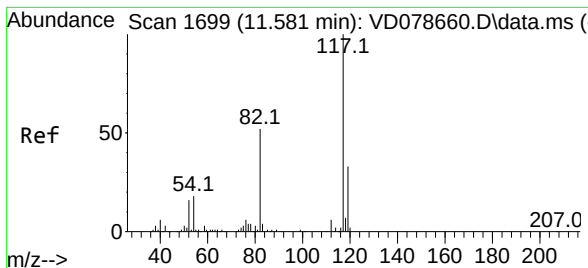
Tgt Ion: 98 Resp: 172521
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 32.150 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion: 95 Resp: 32719
Ion Ratio Lower Upper
95 100
174 97.3 0.0 195.2
176 92.8 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: VD078694.D

Acq: 18 Mar 2024 14:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0RE

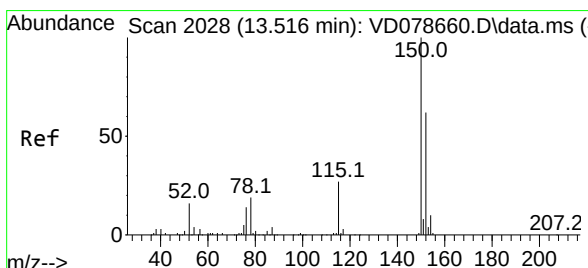
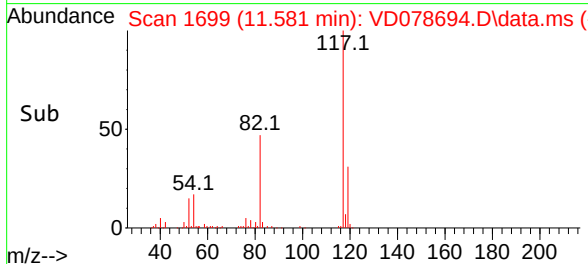
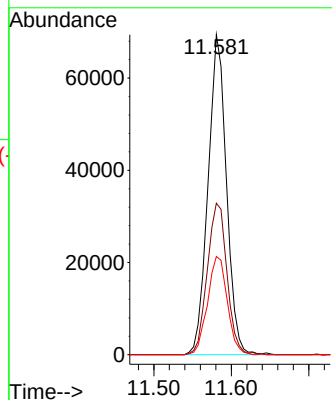
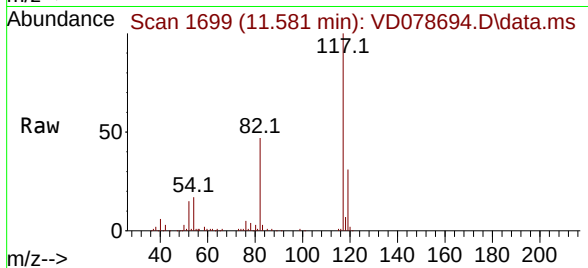
Tgt Ion:117 Resp: 114701

Ion Ratio Lower Upper

117 100

82 47.3 41.4 62.2

119 30.7 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: VD078694.D

Acq: 18 Mar 2024 14:02

Tgt Ion:152 Resp: 31762

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.2

150 155.2 0.0 350.2

