

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078784.D
 Acq On : 28 Mar 2024 19:42
 Operator : RP/MD
 Sample : P1879-10
 Misc : 4.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-02(0-6)

Quant Time: Mar 29 01:38:29 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	7.881	168	135401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	255938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59821	47.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.811	113	78607	47.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.269	98	309825	51.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.575	95	68079	38.398	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.800%

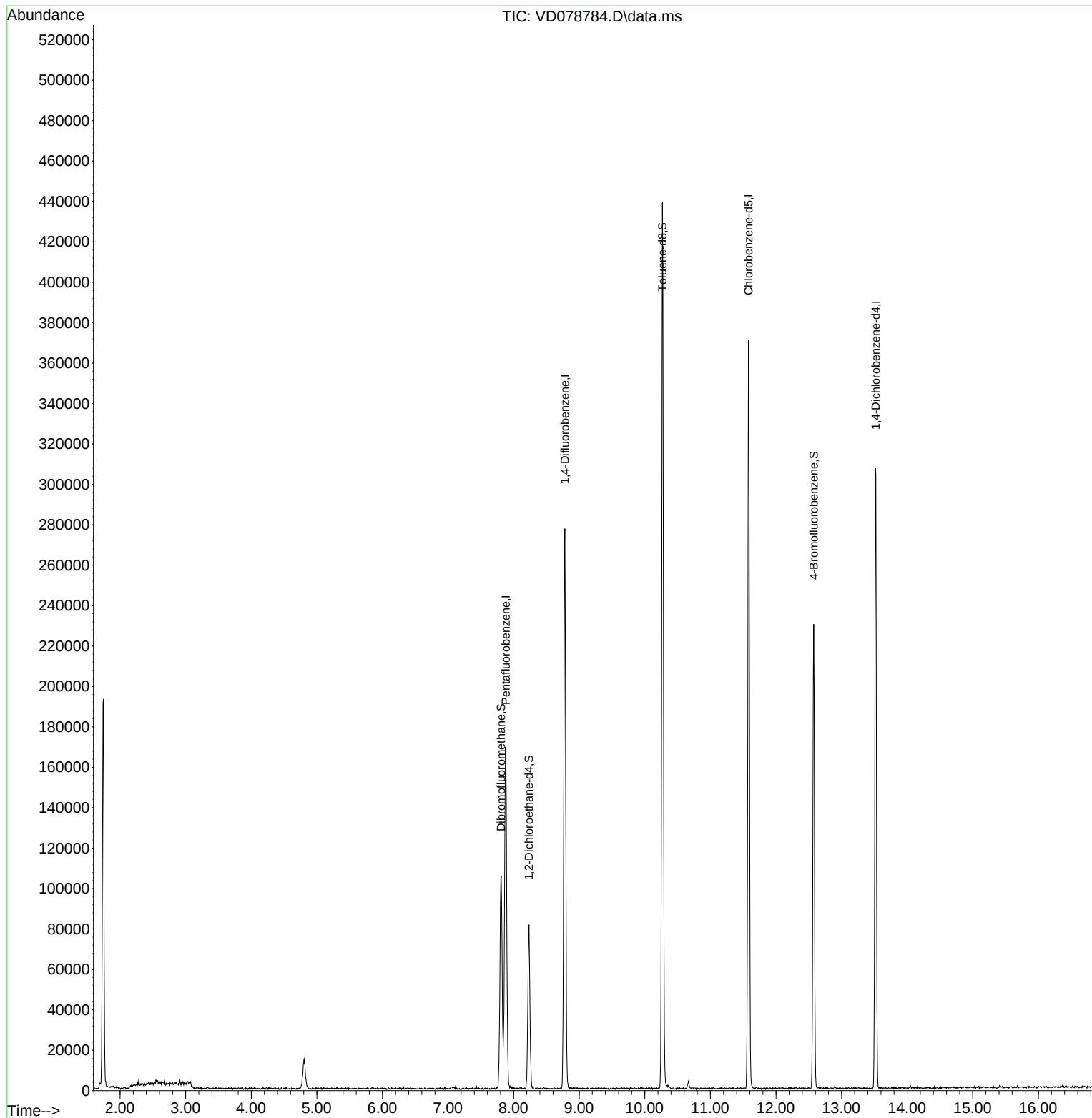
Target Compounds	Qvalue

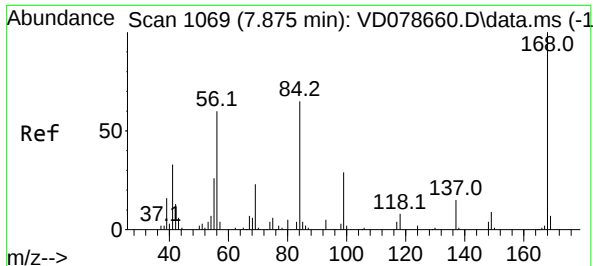
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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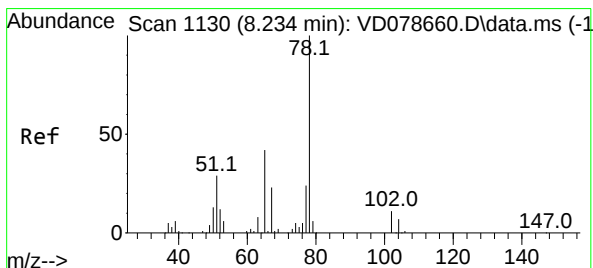
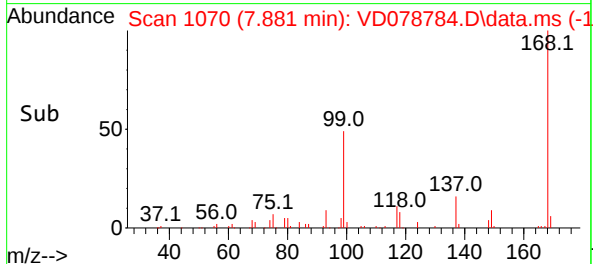
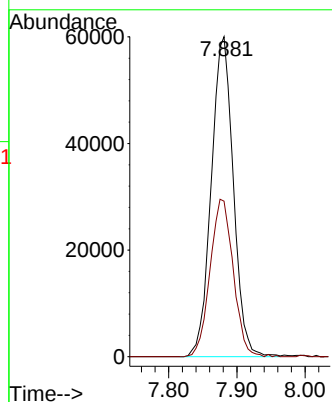
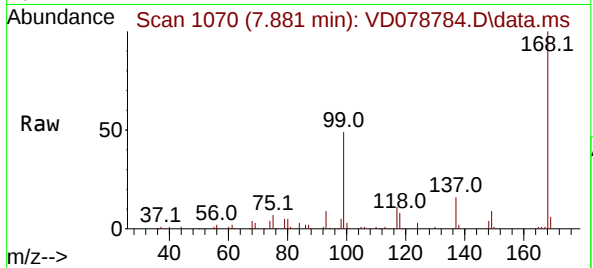




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078784.D
Acq: 28 Mar 2024 19:42

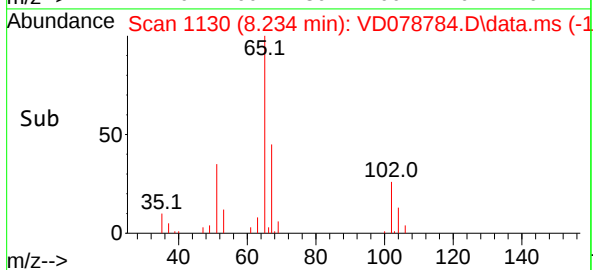
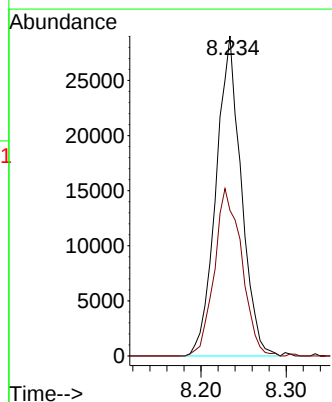
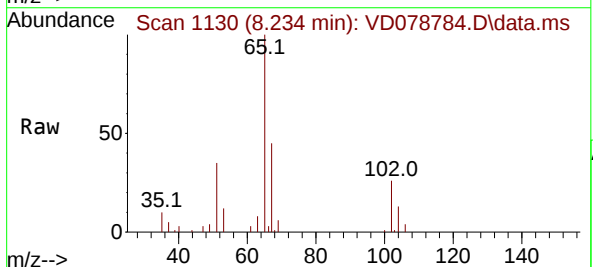
Instrument :
MSVOA_D
ClientSampleId :
HS-02(0-6)

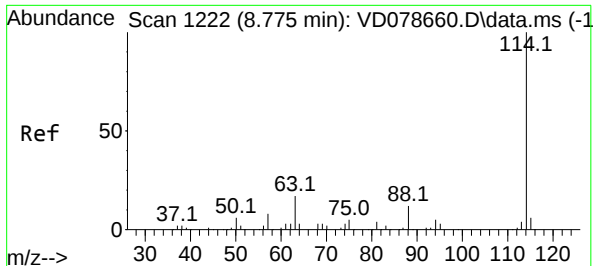
Tgt Ion:168 Resp: 135401
Ion Ratio Lower Upper
168 100
99 48.6 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 47.143 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078784.D
Acq: 28 Mar 2024 19:42

Tgt Ion: 65 Resp: 59821
Ion Ratio Lower Upper
65 100
67 56.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078784.D

Acq: 28 Mar 2024 19:42

Instrument :

MSVOA_D

ClientSampleId :

HS-02(0-6)

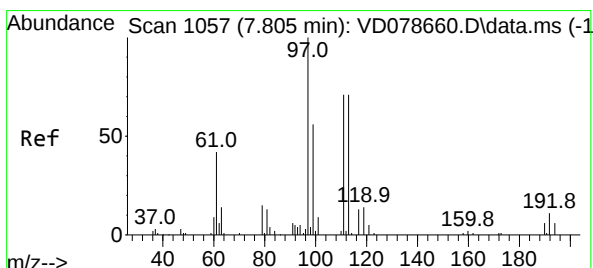
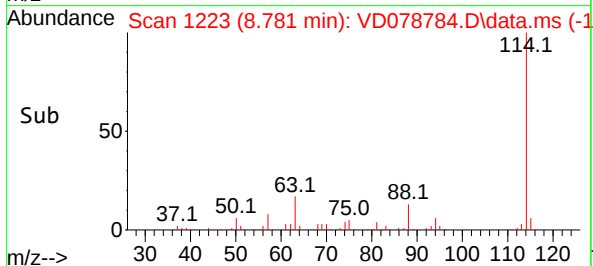
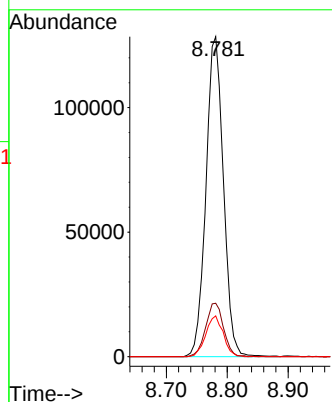
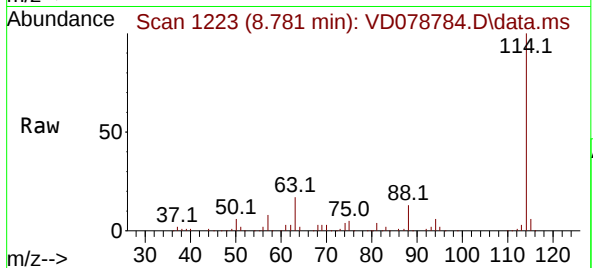
Tgt Ion:114 Resp: 255938

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.7 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.703 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078784.D

Acq: 28 Mar 2024 19:42

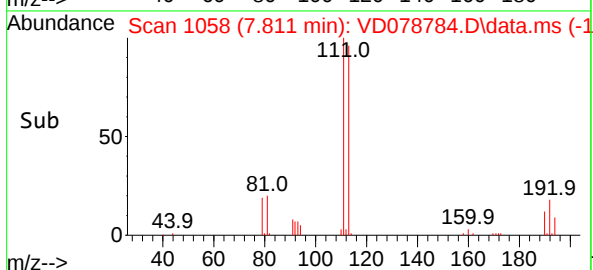
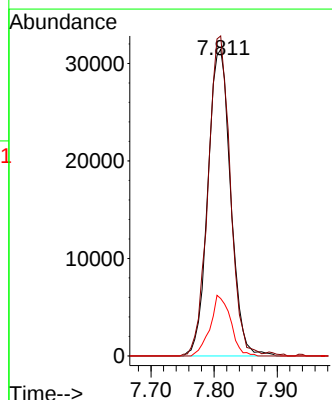
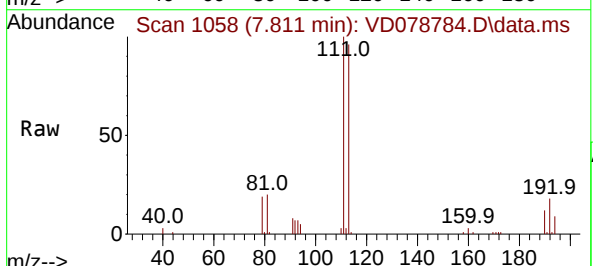
Tgt Ion:113 Resp: 78607

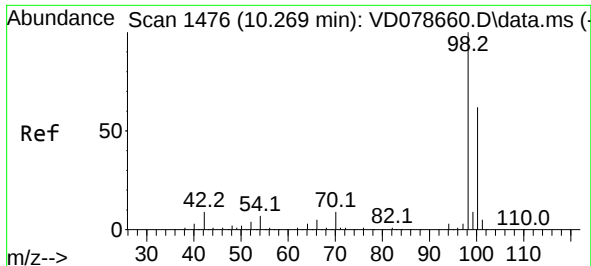
Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 17.8 15.4 23.0

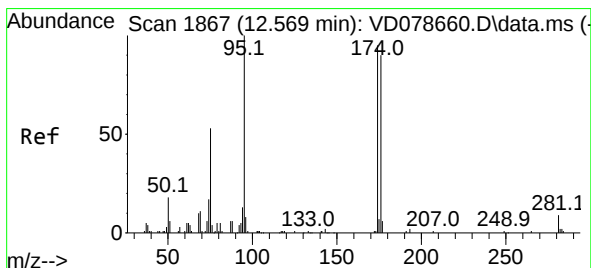
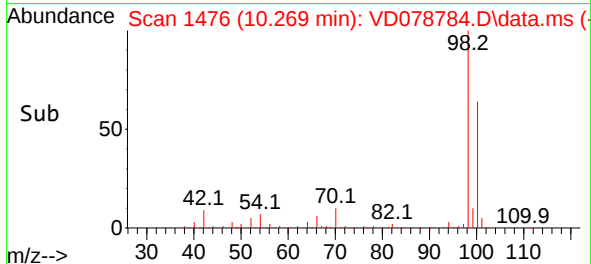
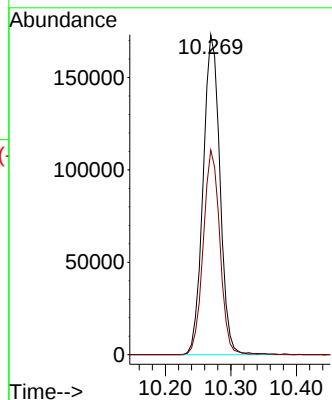
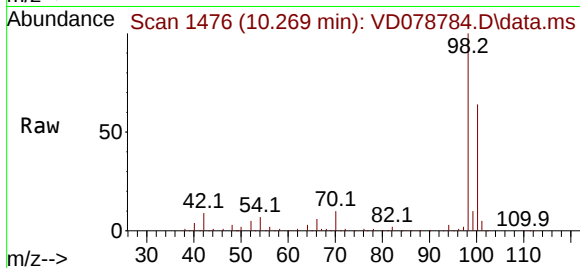




#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078784.D
Acq: 28 Mar 2024 19:42

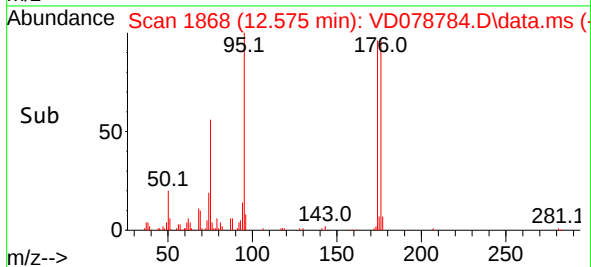
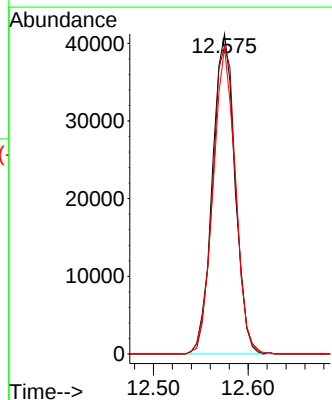
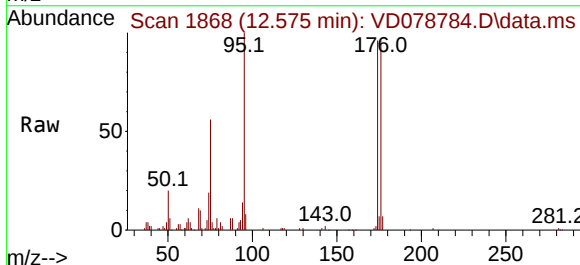
Instrument :
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HS-02(0-6)

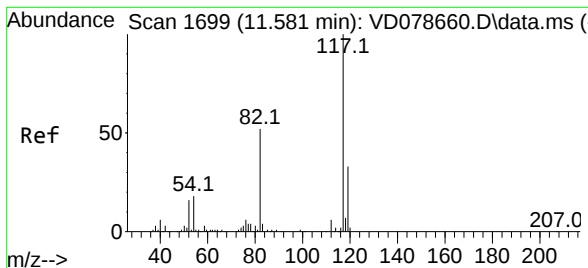
Tgt Ion: 98 Resp: 309825
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.398 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078784.D
Acq: 28 Mar 2024 19:42

Tgt Ion: 95 Resp: 68079
Ion Ratio Lower Upper
95 100
174 98.4 0.0 195.2
176 94.8 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: VD078784.D

Acq: 28 Mar 2024 19:42

Instrument :

MSVOA_D

ClientSampleId :

HS-02(0-6)

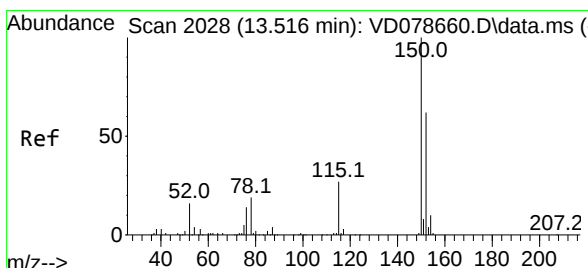
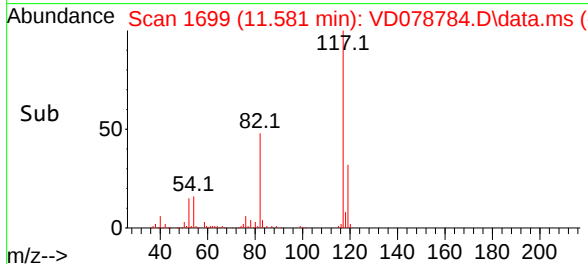
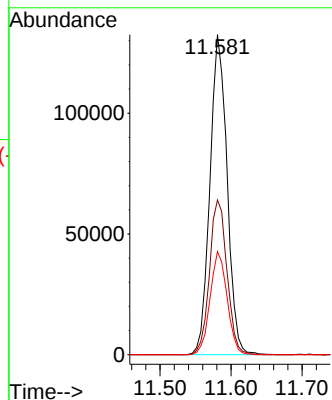
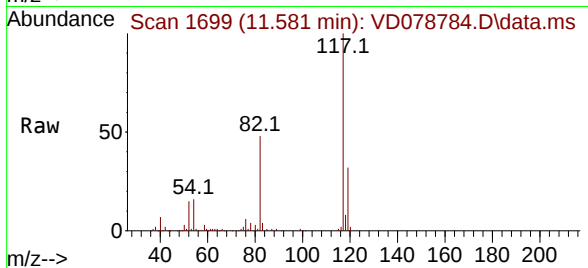
Tgt Ion:117 Resp: 222216

Ion Ratio Lower Upper

117 100

82 48.4 41.4 62.2

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078784.D

Acq: 28 Mar 2024 19:42

Tgt Ion:152 Resp: 84778

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 160.0 0.0 350.2

