

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078776.D
 Acq On : 28 Mar 2024 16:02
 Operator : RP/MD
 Sample : P1876-01
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-032624

Quant Time: Mar 29 01:35:47 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	145863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	277524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	254375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68917	50.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.840%
35) Dibromofluoromethane	7.811	113	86293	48.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.269	98	339844	51.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.575	95	85214	44.324	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.640%

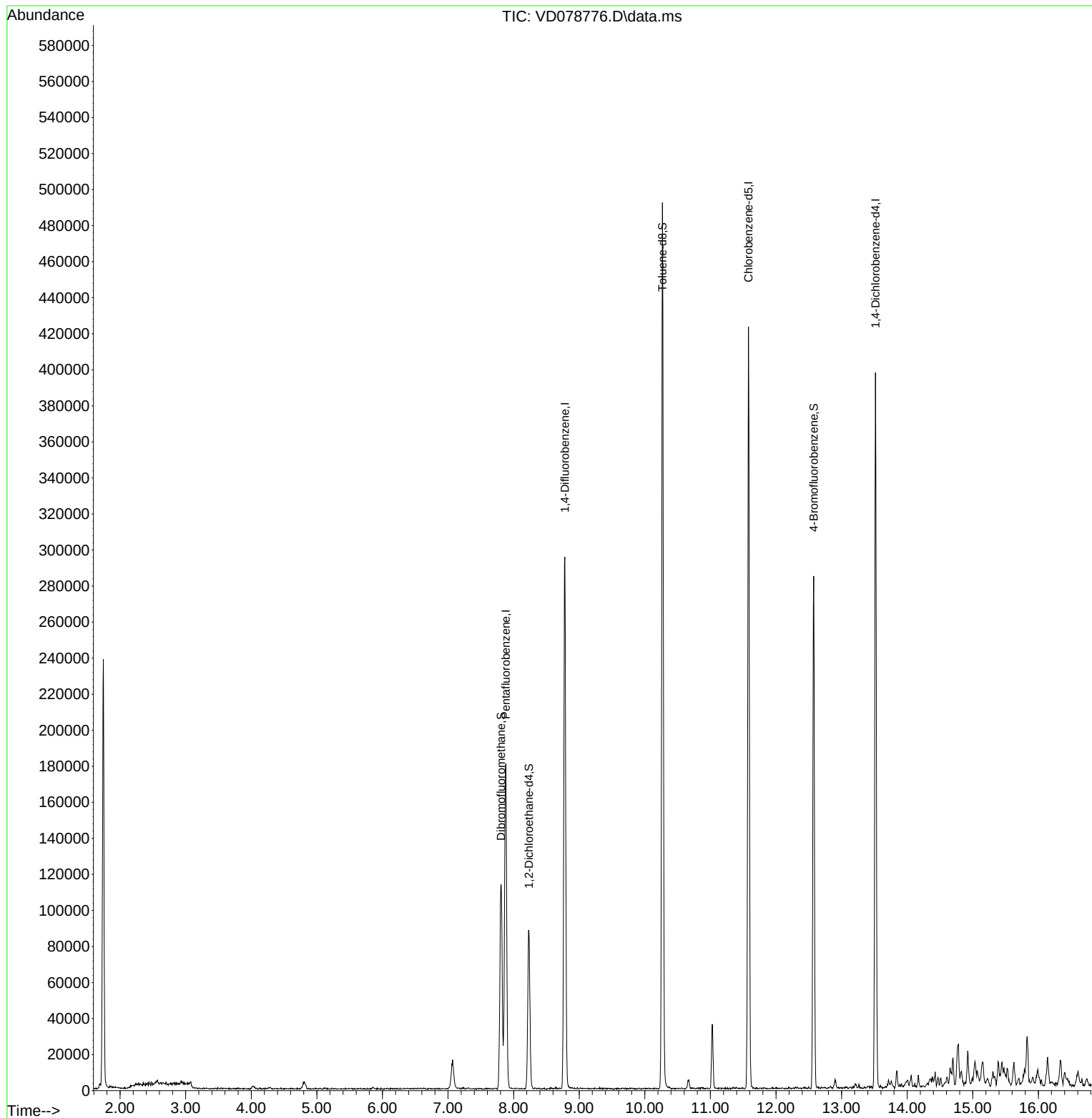
Target Compounds	Qvalue

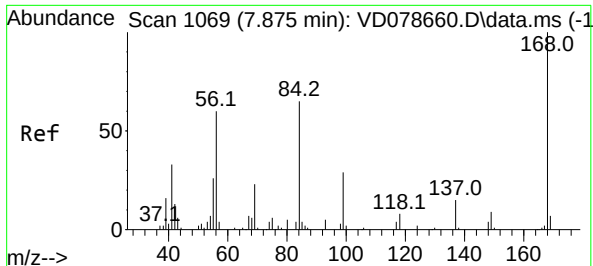
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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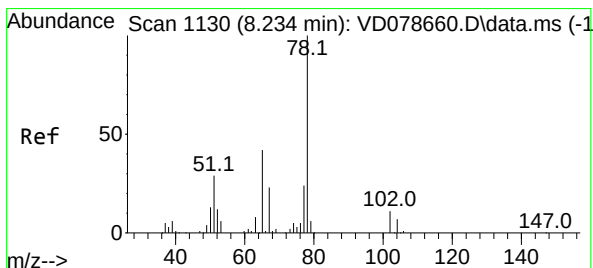
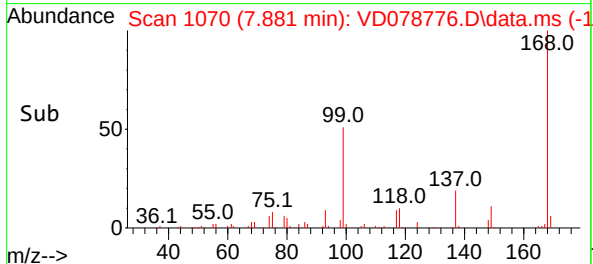
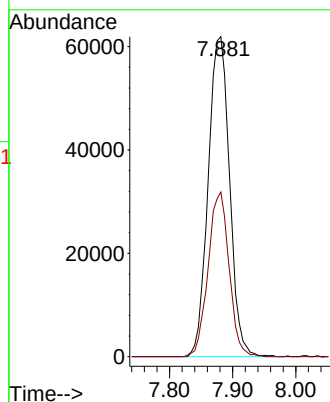
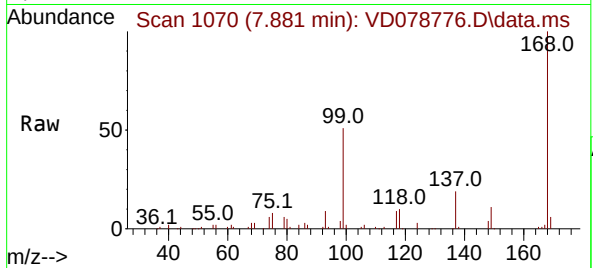




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078776.D
Acq: 28 Mar 2024 16:02

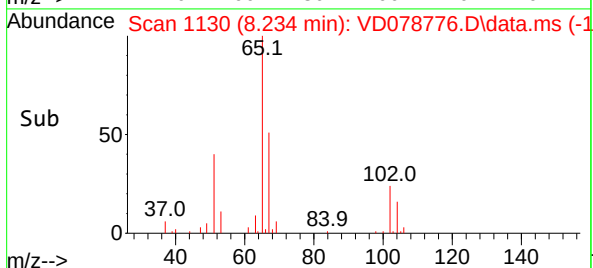
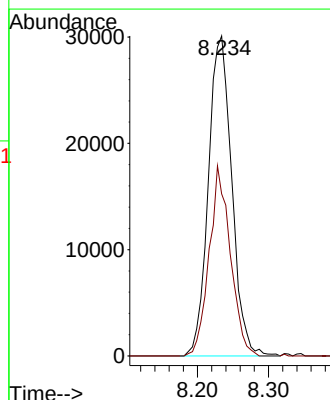
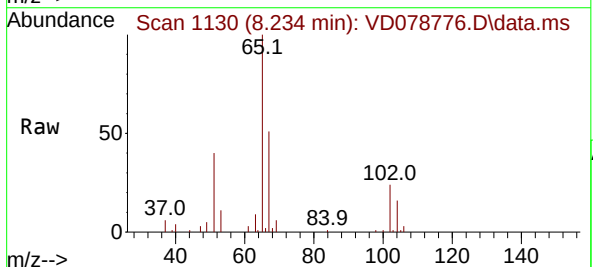
Instrument :
MSVOA_D
ClientSampleId :
TR-06-032624

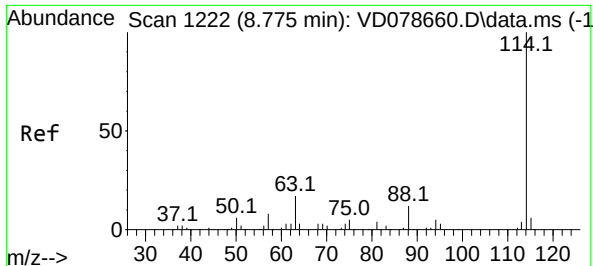
Tgt Ion:168 Resp: 145863
Ion Ratio Lower Upper
168 100
99 51.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078776.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 65 Resp: 68917
Ion Ratio Lower Upper
65 100
67 53.8 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: VD078776.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :

TR-06-032624

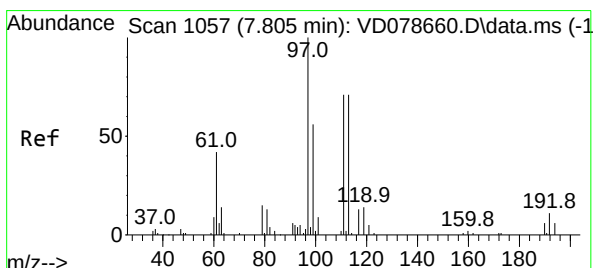
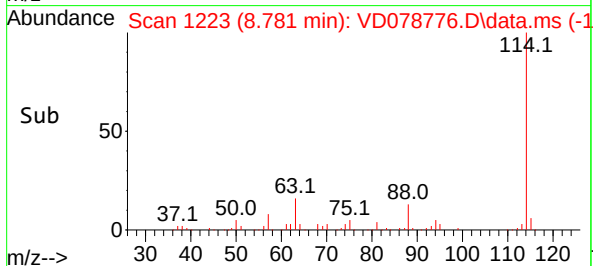
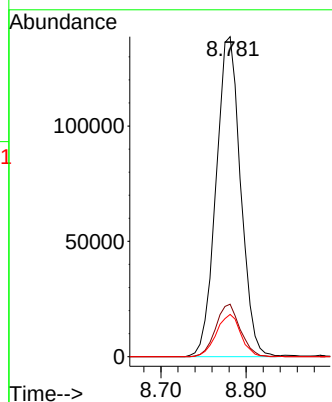
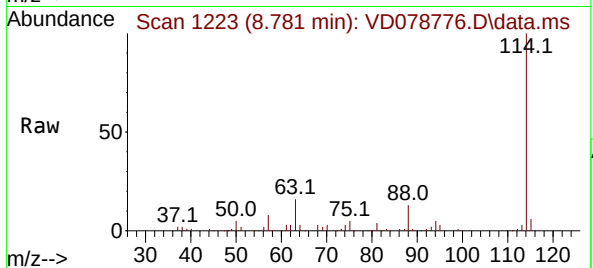
Tgt Ion:114 Resp: 277524

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.2 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078776.D

Acq: 28 Mar 2024 16:02

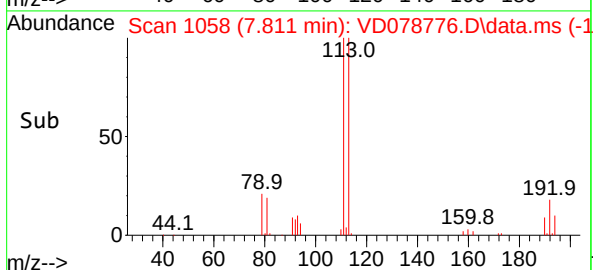
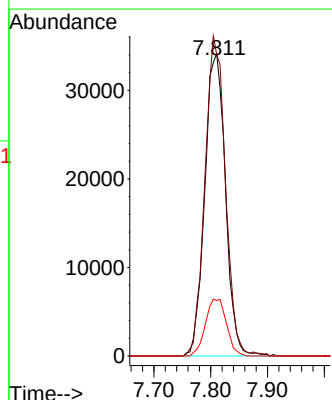
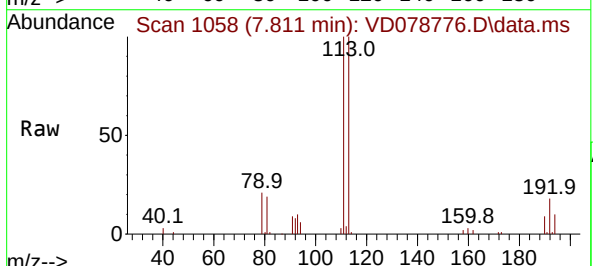
Tgt Ion:113 Resp: 86293

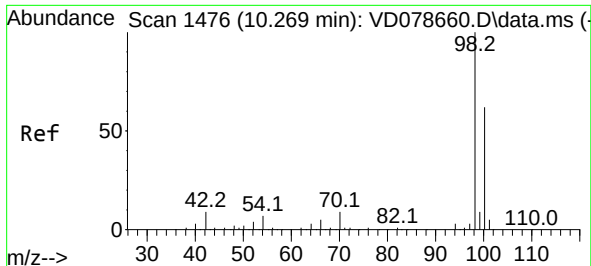
Ion Ratio Lower Upper

113 100

111 104.9 81.9 122.9

192 19.1 15.4 23.0

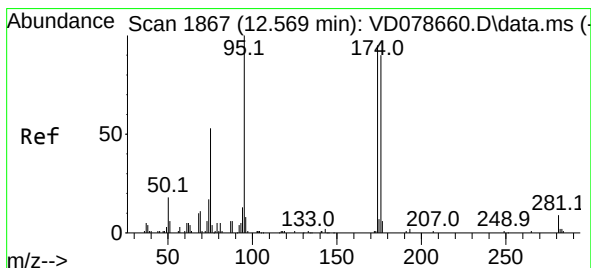
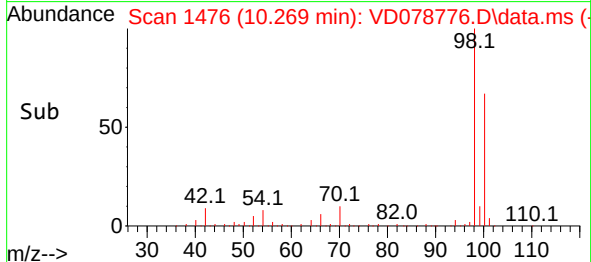
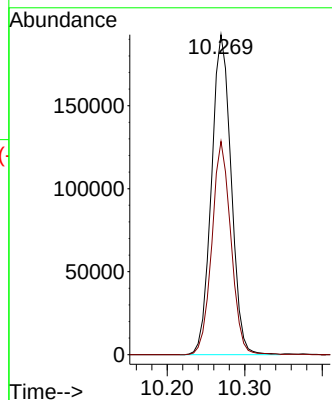
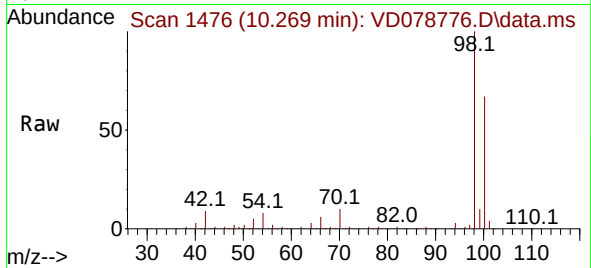




#50
Toluene-d8
Concen: 51.715 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078776.D
Acq: 28 Mar 2024 16:02

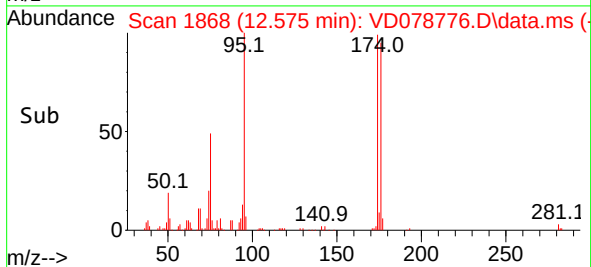
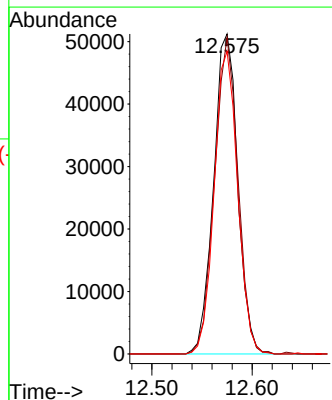
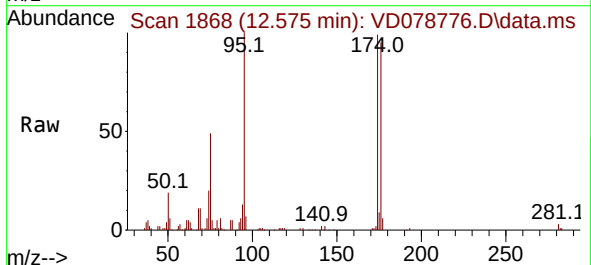
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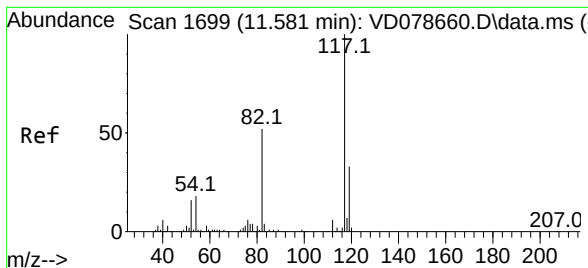
Tgt Ion: 98 Resp: 339844
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.324 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078776.D
Acq: 28 Mar 2024 16:02

Tgt Ion: 95 Resp: 85214
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 92.1 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: VD078776.D

Acq: 28 Mar 2024 16:02

Instrument :

MSVOA_D

ClientSampleId :

TR-06-032624

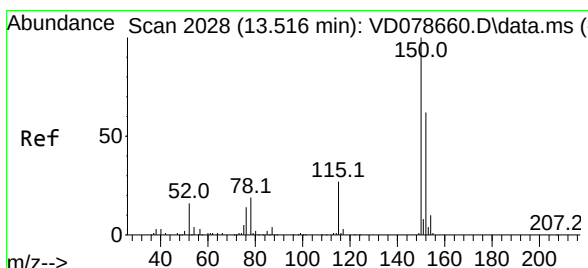
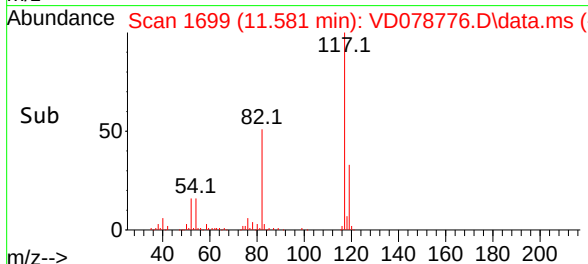
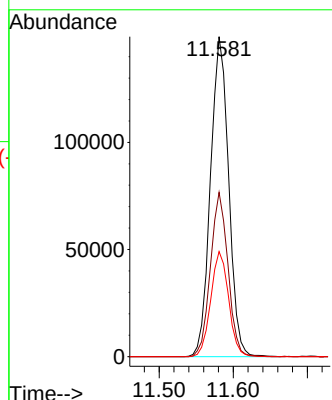
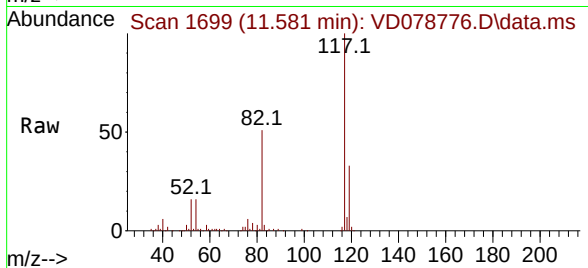
Tgt Ion:117 Resp: 254375

Ion Ratio Lower Upper

117 100

82 51.3 41.4 62.2

119 32.8 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: VD078776.D

Acq: 28 Mar 2024 16:02

Tgt Ion:152 Resp: 109451

Ion Ratio Lower Upper

152 100

115 53.3 27.1 81.2

150 156.8 0.0 350.2

