

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078799.D
 Acq On : 29 Mar 2024 18:39
 Operator : RP/MD
 Sample : P1938-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-02-032924

Quant Time: Mar 30 00:09:55 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	159115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	300847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88994	59.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.804	113	97921	50.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.269	98	360738	50.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.575	95	96101	46.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.220%

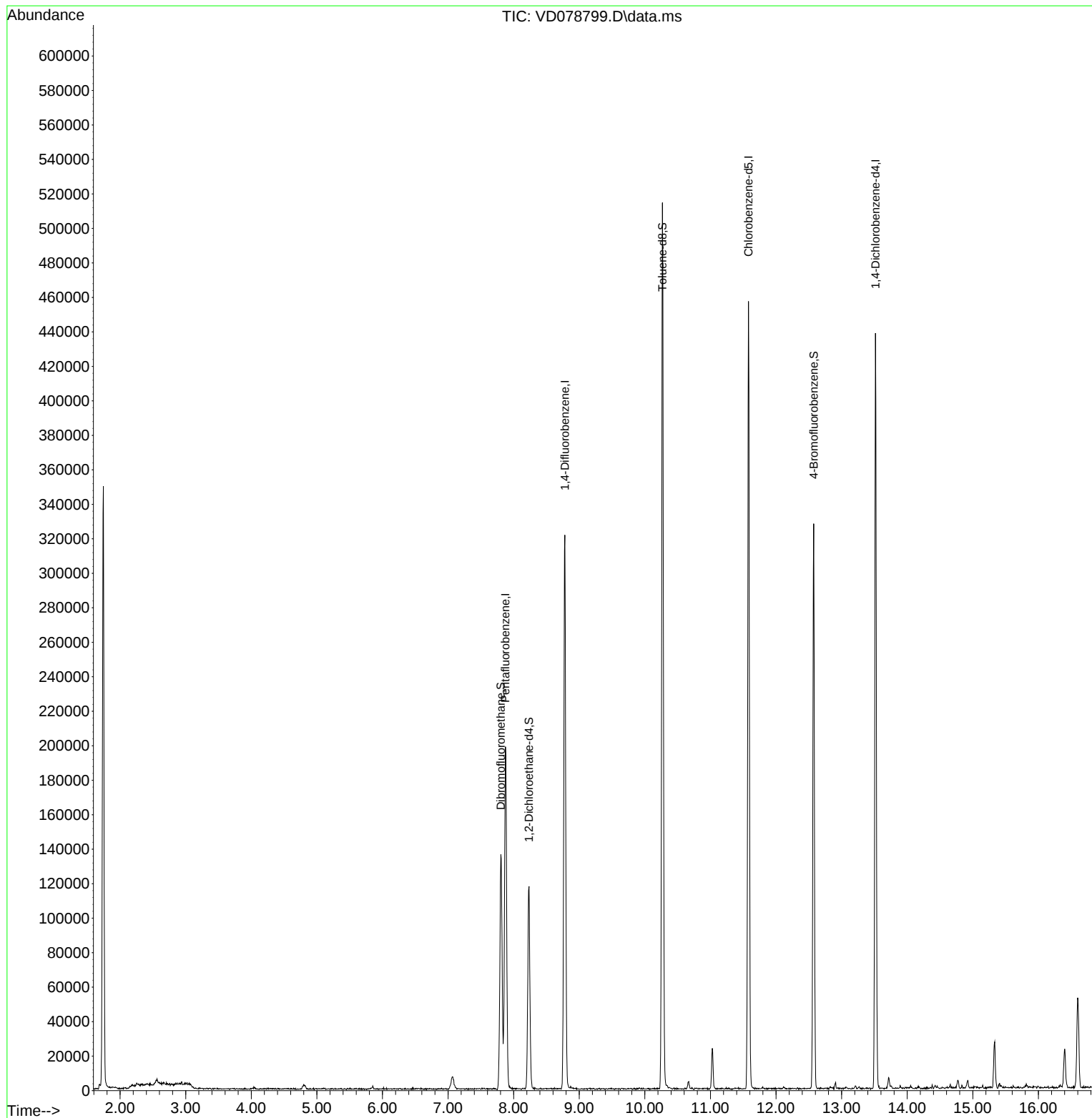
Target Compounds	Qvalue

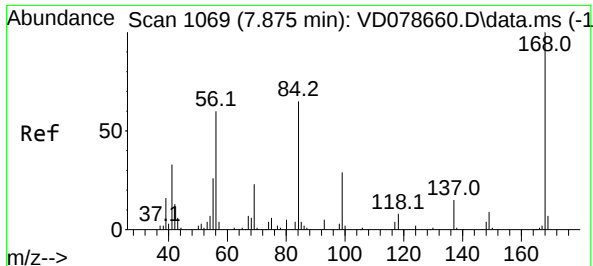
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
Data File : VD078799.D
Acq On : 29 Mar 2024 18:39
Operator : RP/MD
Sample : P1938-01
Misc : 5.05G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

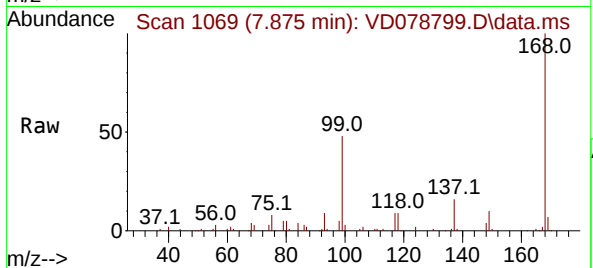
Quant Time: Mar 30 00:09:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



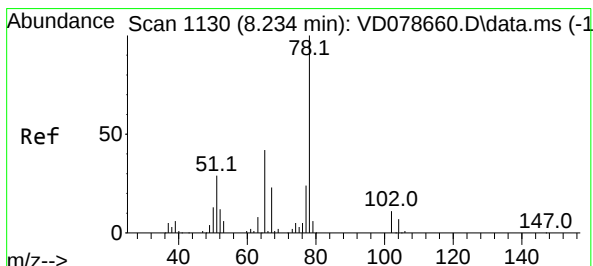
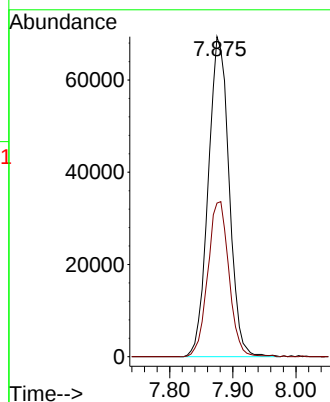
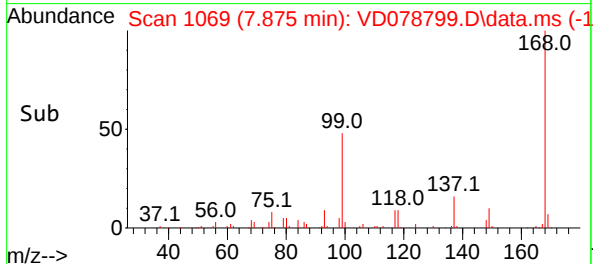


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

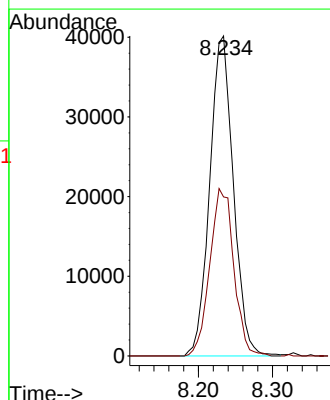
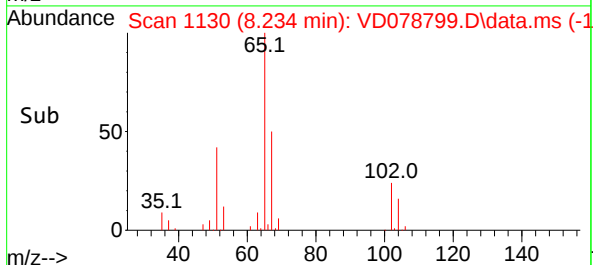
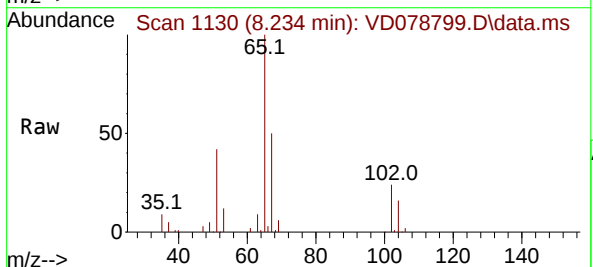


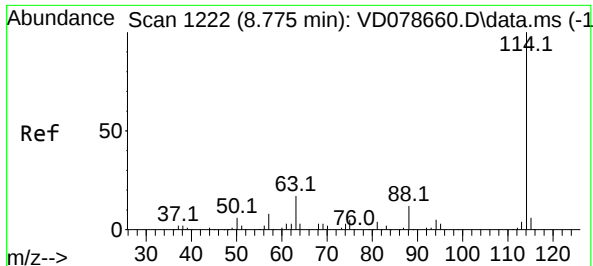
Tgt Ion:168 Resp: 159115
Ion Ratio Lower Upper
168 100
99 48.0 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 59.681 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Tgt Ion: 65 Resp: 88994
Ion Ratio Lower Upper
65 100
67 53.2 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: VD078799.D

Acq: 29 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

PAT-02-032924

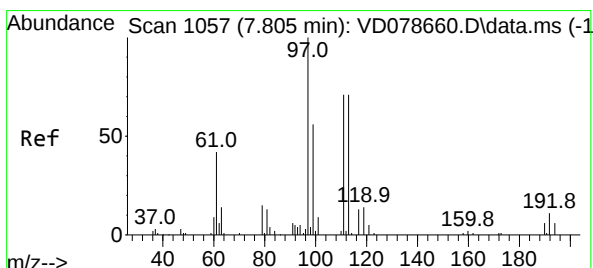
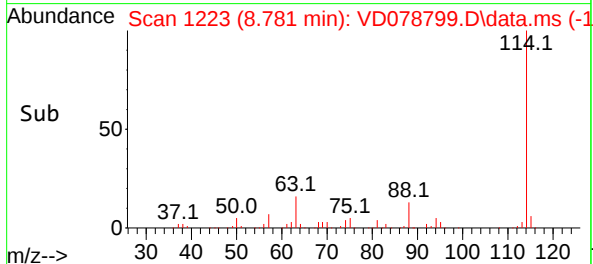
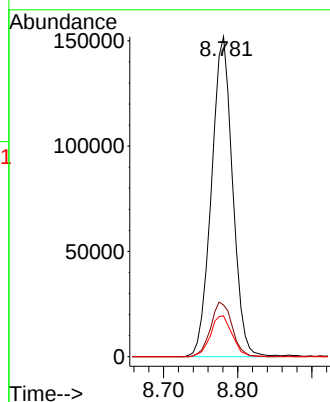
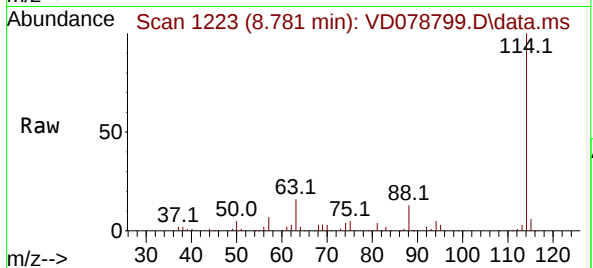
Tgt Ion:114 Resp: 300847

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 12.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 50.553 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078799.D

Acq: 29 Mar 2024 18:39

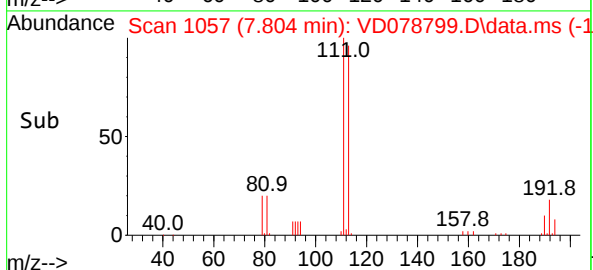
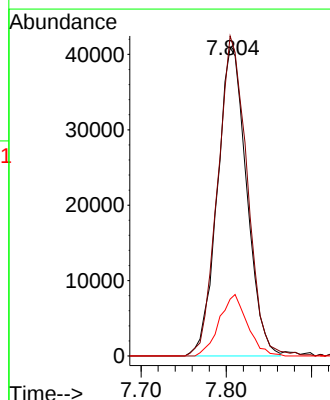
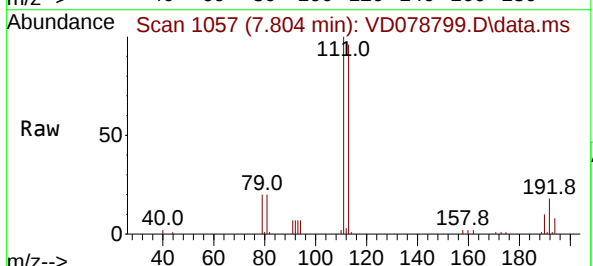
Tgt Ion:113 Resp: 97921

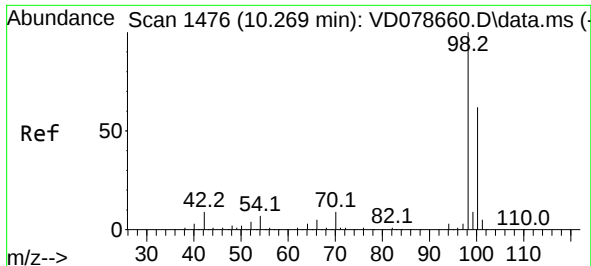
Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 19.1 15.4 23.0

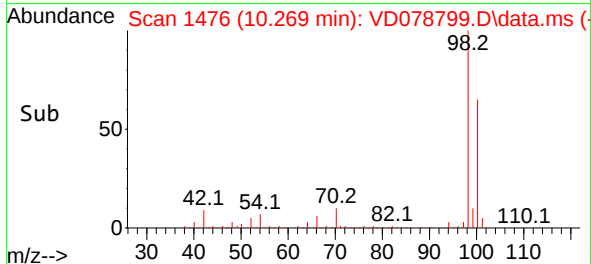
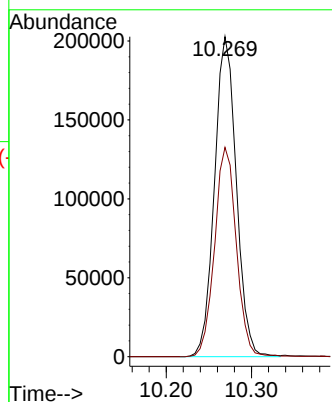
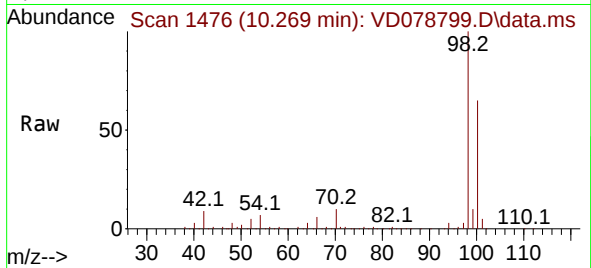




#50
Toluene-d8
Concen: 50.639 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

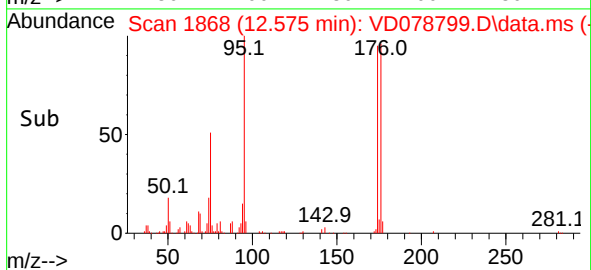
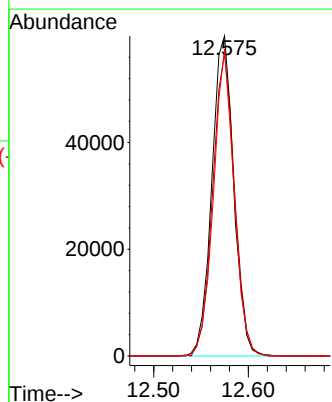
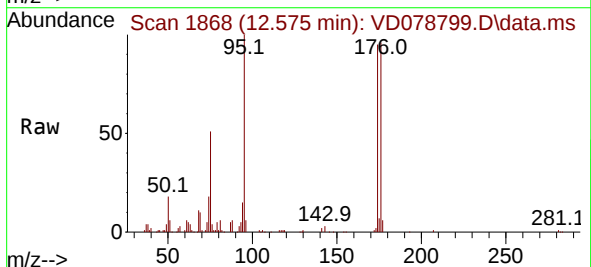
Instrument :
MSVOA_D
ClientSampleId :
PAT-02-032924

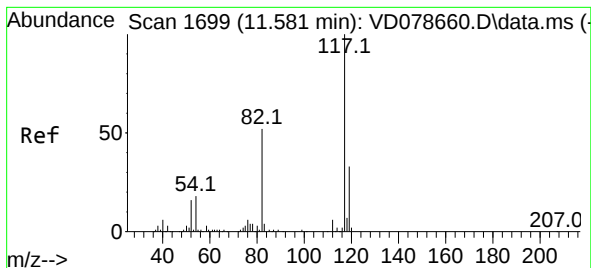
Tgt Ion: 98 Resp: 360738
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.112 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078799.D
Acq: 29 Mar 2024 18:39

Tgt Ion: 95 Resp: 96101
Ion Ratio Lower Upper
95 100
174 94.4 0.0 195.2
176 90.2 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: VD078799.D

Acq: 29 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

PAT-02-032924

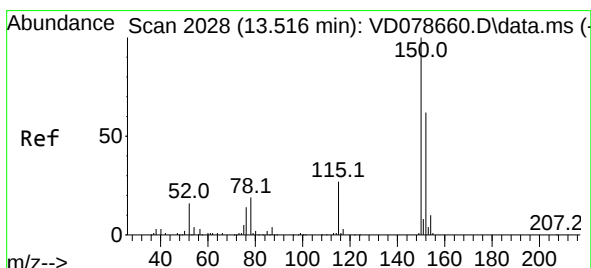
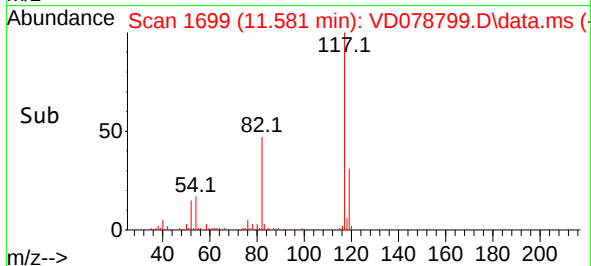
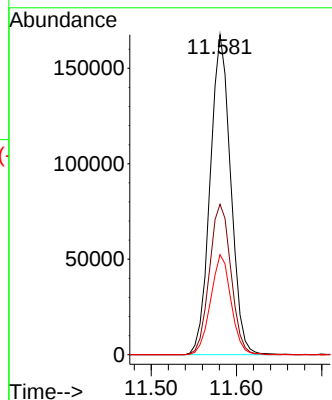
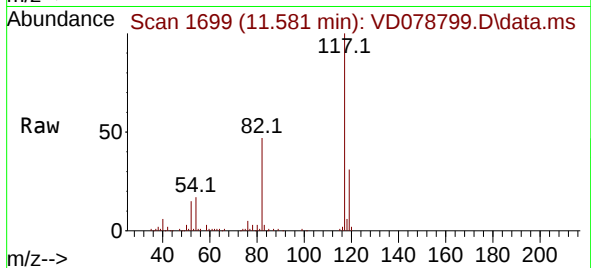
Tgt Ion:117 Resp: 280548

Ion Ratio Lower Upper

117 100

82 47.0 41.4 62.2

119 31.3 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: VD078799.D

Acq: 29 Mar 2024 18:39

Tgt Ion:152 Resp: 118479

Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.2

150 159.6 0.0 350.2

