

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078615.D
 Acq On : 08 Mar 2024 11:20
 Operator : RP/MD
 Sample : VD0308SBL02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL02

Quant Time: Mar 09 02:32:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56671	56.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.804	113	61535	50.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.269	98	214892	44.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.569	95	57368	42.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.080%

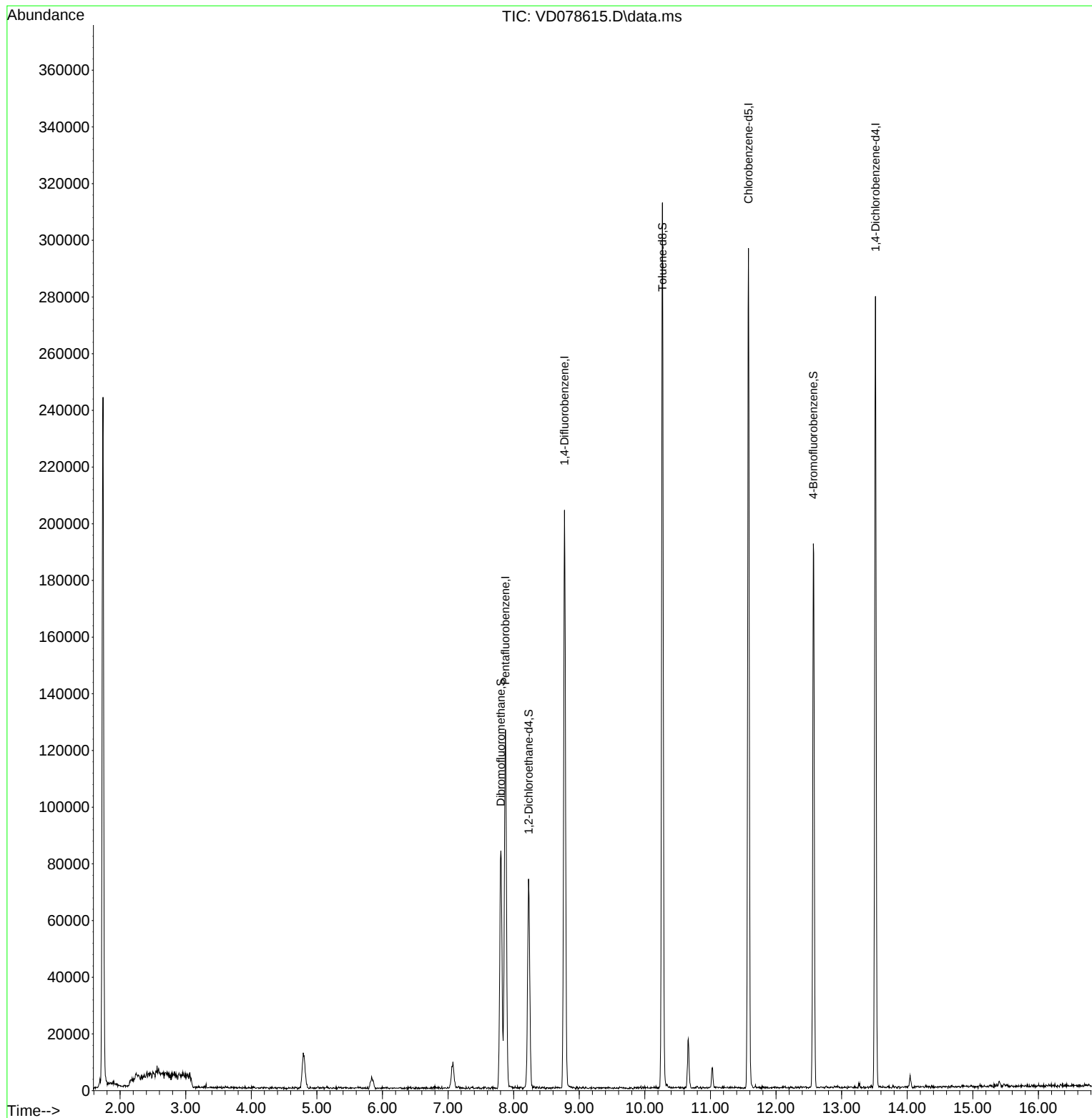
Target Compounds	Qvalue

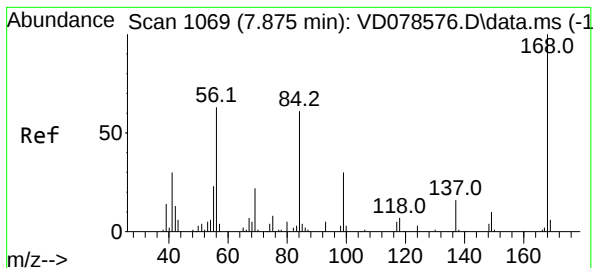
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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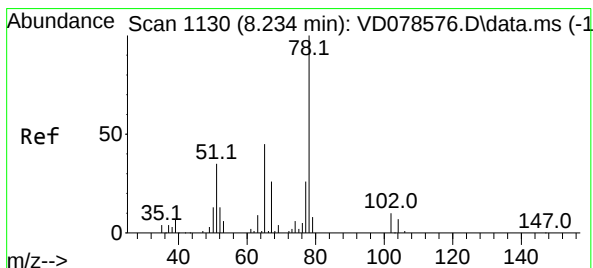
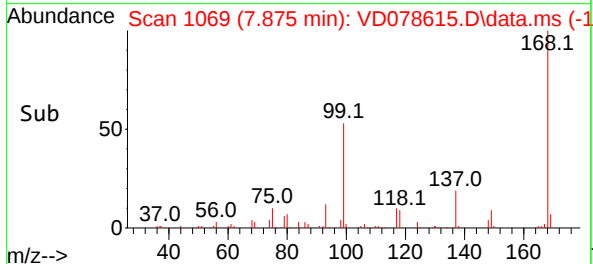
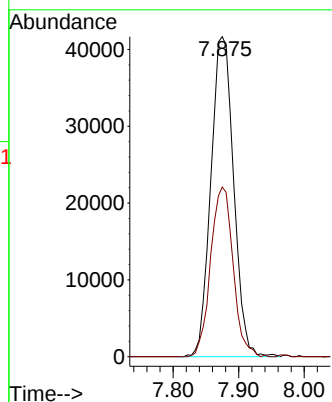
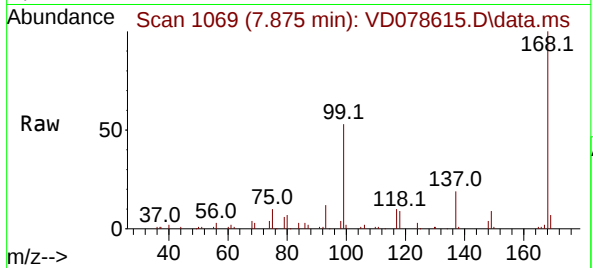




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

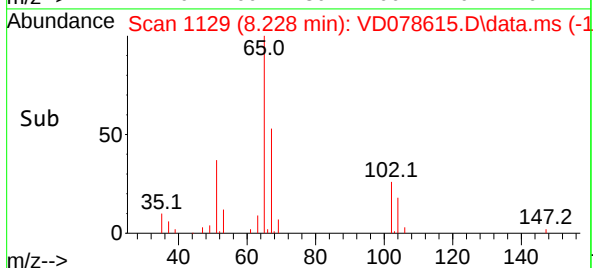
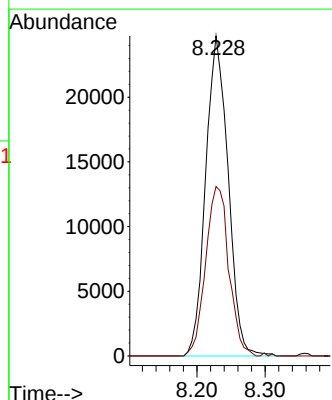
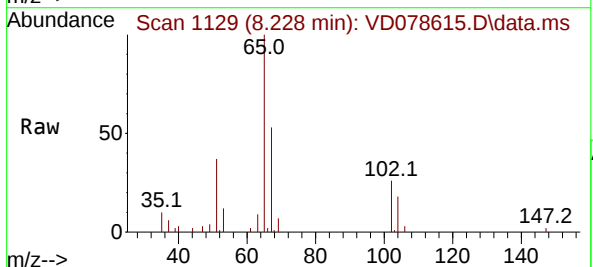
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02

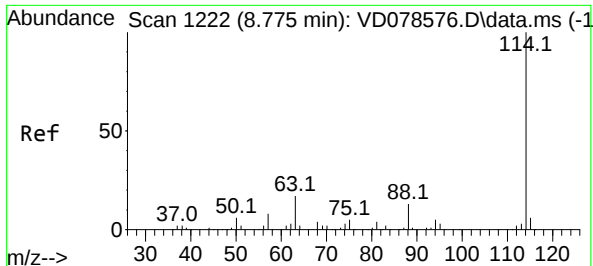
Tgt Ion:168 Resp: 100480
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 56.896 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Tgt Ion: 65 Resp: 56671
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL02

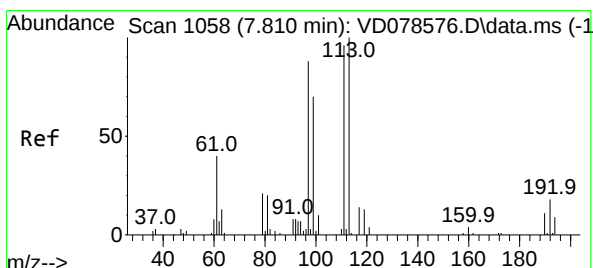
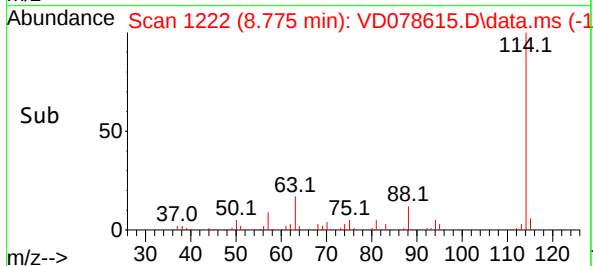
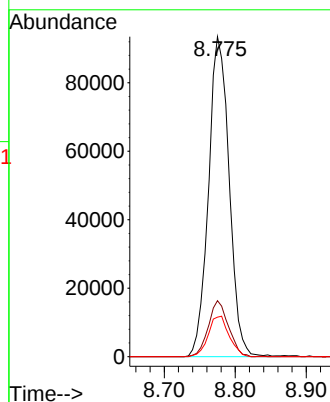
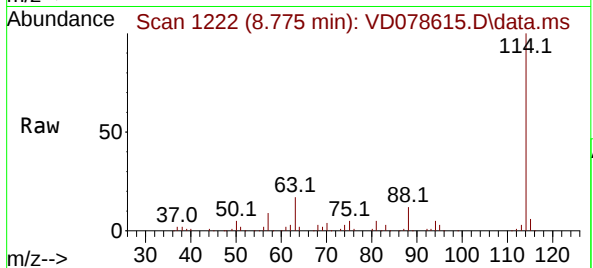
Tgt Ion:114 Resp: 189003

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.051 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

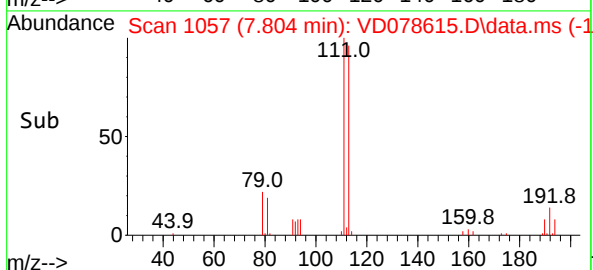
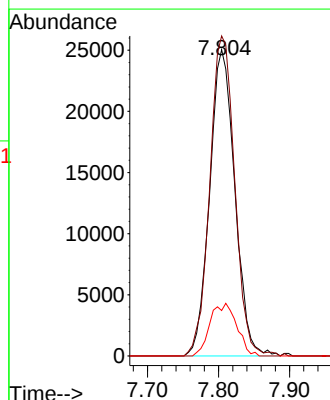
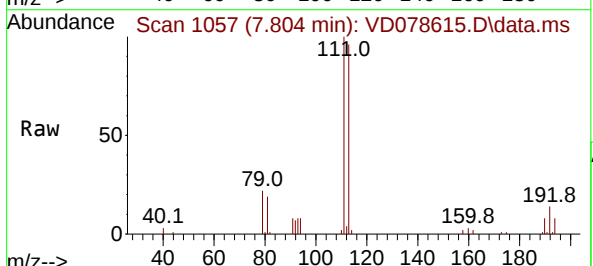
Tgt Ion:113 Resp: 61535

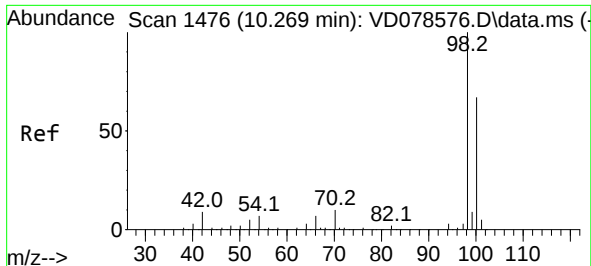
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 18.3 16.8 25.2

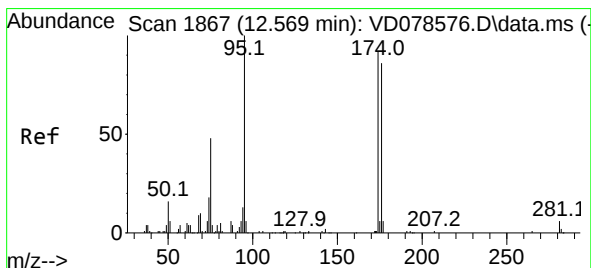
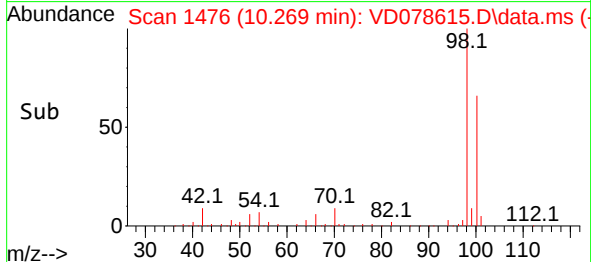
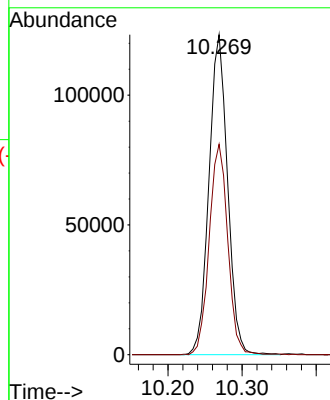
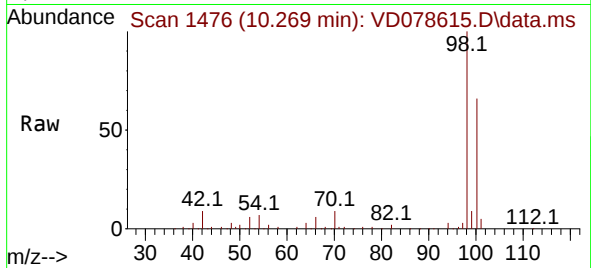




#50
Toluene-d8
Concen: 44.981 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

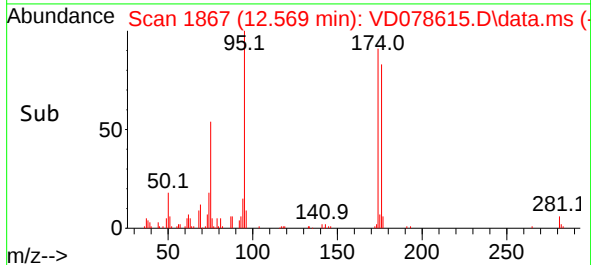
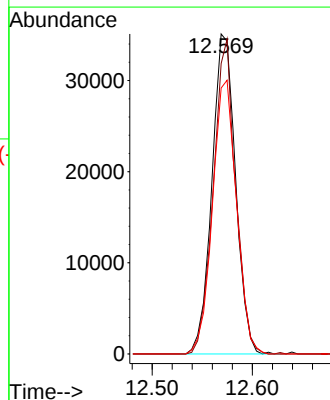
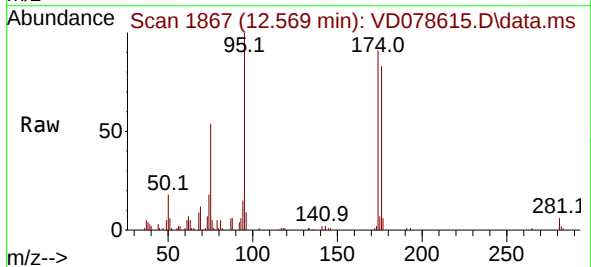
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL02

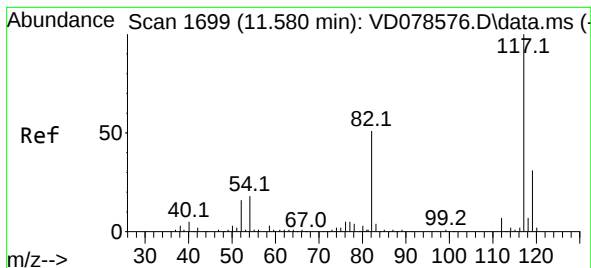
Tgt Ion: 98 Resp: 214892
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.043 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078615.D
Acq: 08 Mar 2024 11:20

Tgt Ion: 95 Resp: 57368
Ion Ratio Lower Upper
95 100
174 93.0 0.0 201.8
176 87.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL02

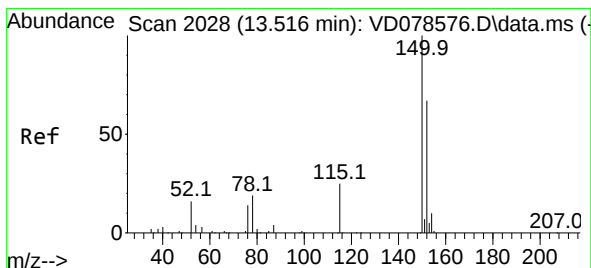
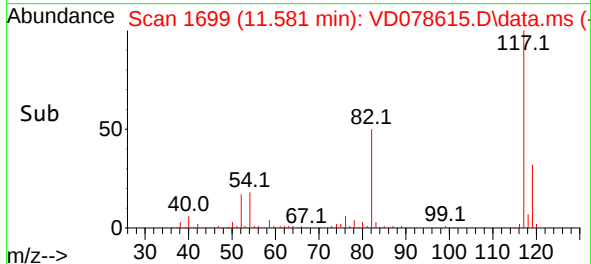
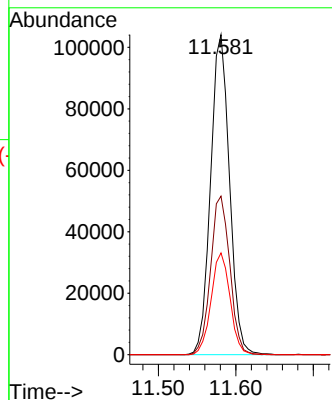
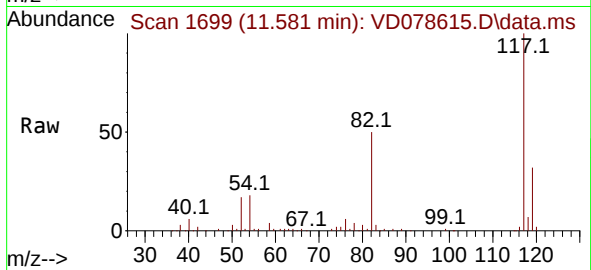
Tgt Ion:117 Resp: 177130

Ion Ratio Lower Upper

117 100

82 49.5 38.3 57.5

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078615.D

Acq: 08 Mar 2024 11:20

Tgt Ion:152 Resp: 74918

Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 158.5 0.0 353.6

