

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078241.D
 Acq On : 25 Jan 2024 12:46
 Operator : RP/MD
 Sample : P1244-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 69-TP-3

Quant Time: Jan 26 14:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	128069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	261751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65981	45.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.260%
35) Dibromofluoromethane	7.810	113	78725	45.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.400%
50) Toluene-d8	10.269	98	331696	48.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.575	95	100583	50.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%

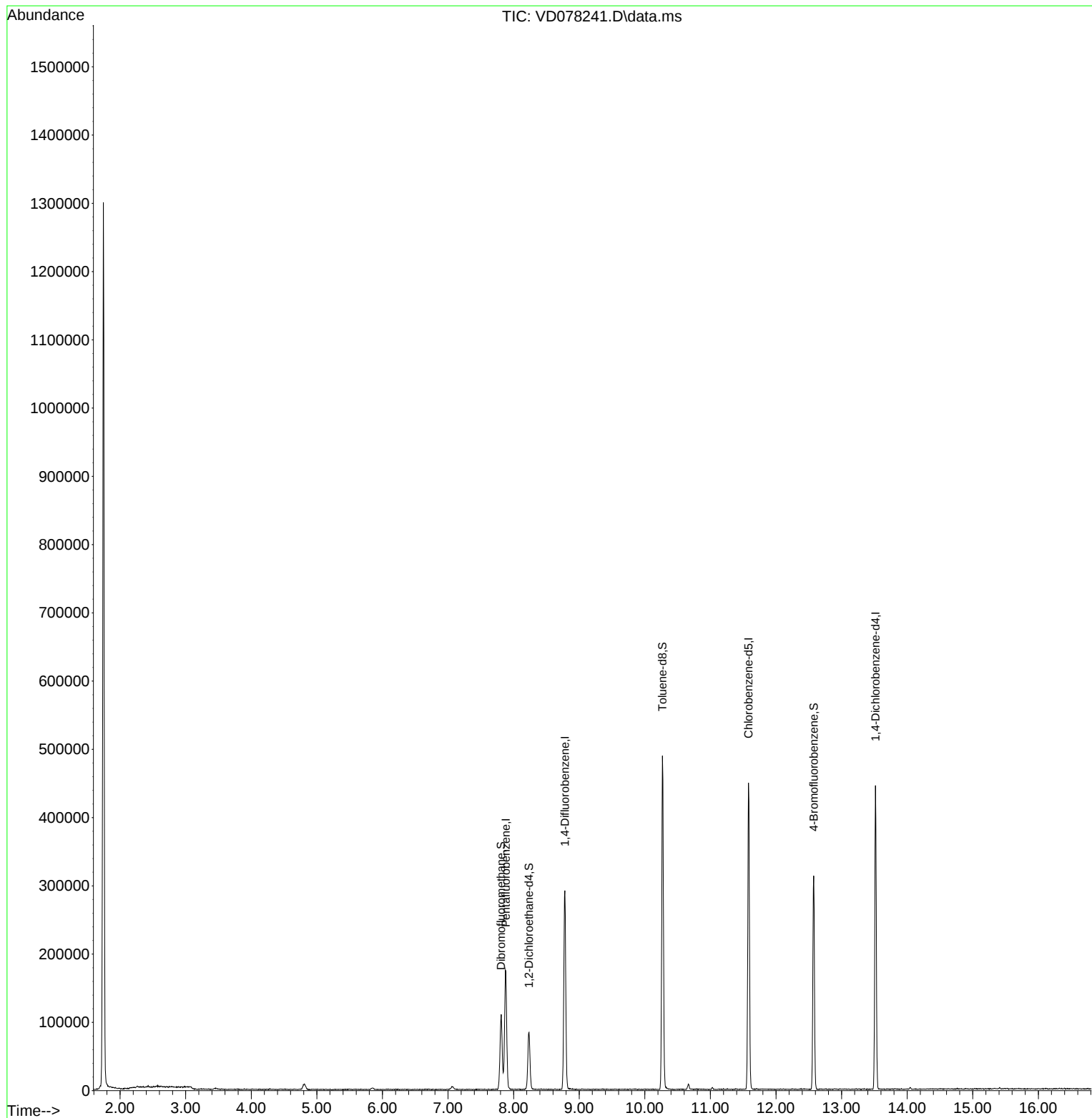
Target Compounds	Qvalue

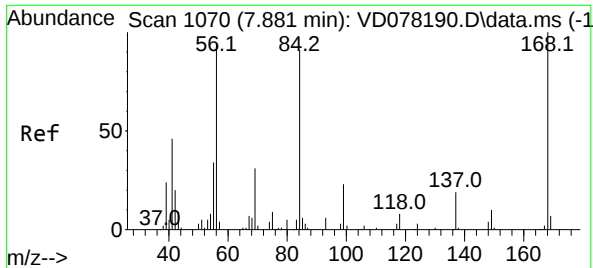
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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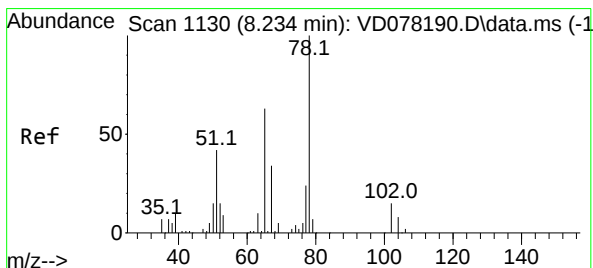
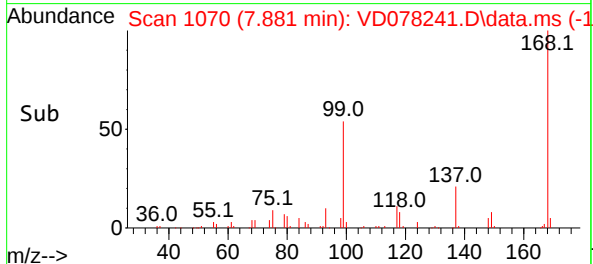
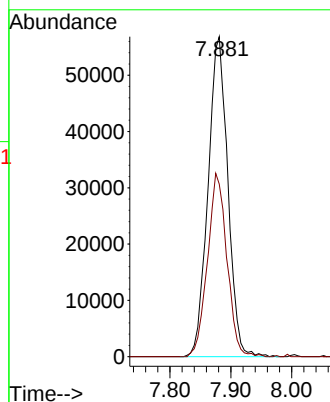
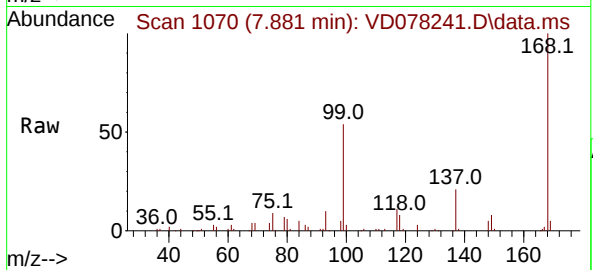




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078241.D
Acq: 25 Jan 2024 12:46

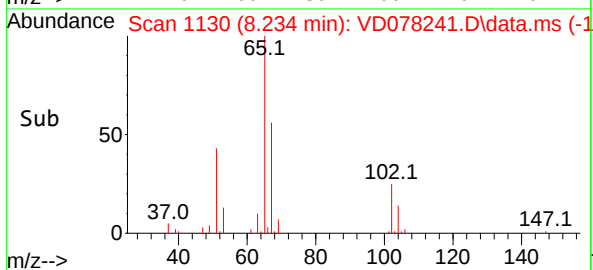
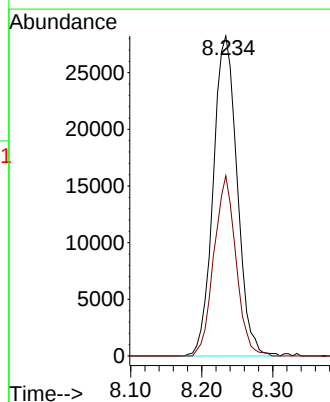
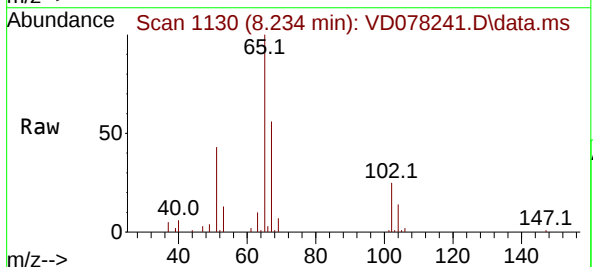
Instrument :
MSVOA_D
ClientSampleId :
69-TP-3

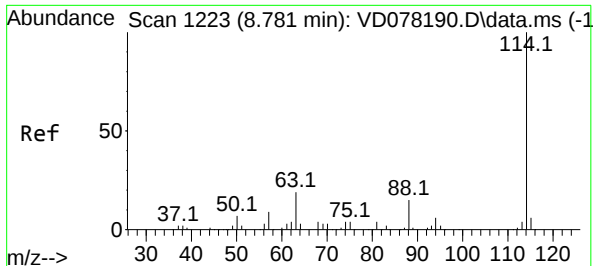
Tgt Ion:168 Resp: 128069
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 45.130 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078241.D
Acq: 25 Jan 2024 12:46

Tgt Ion: 65 Resp: 65981
Ion Ratio Lower Upper
65 100
67 51.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078241.D

Acq: 25 Jan 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

69-TP-3

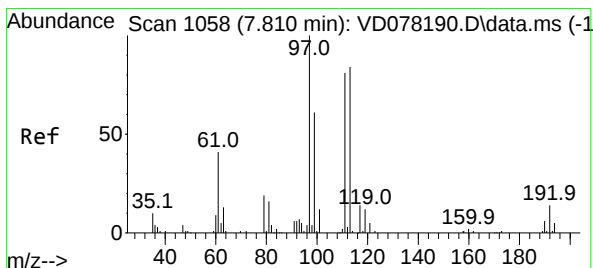
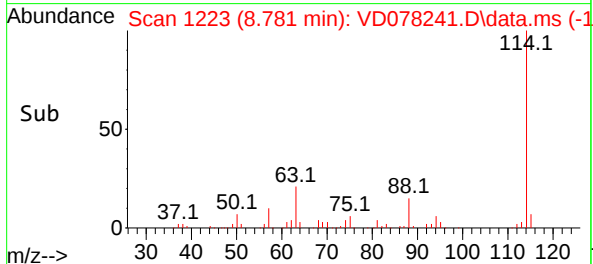
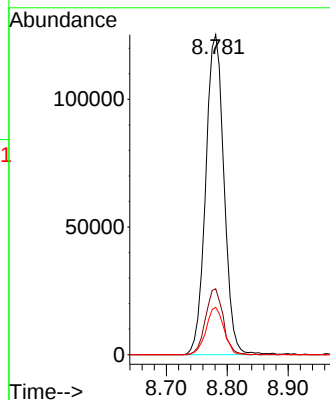
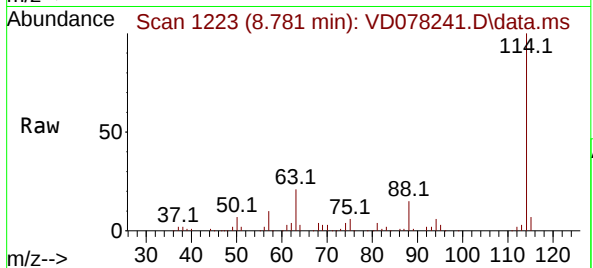
Tgt Ion:114 Resp: 261751

Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.699 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078241.D

Acq: 25 Jan 2024 12:46

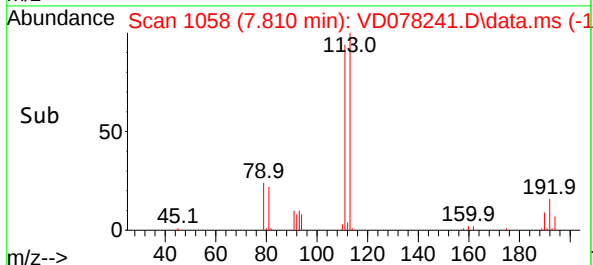
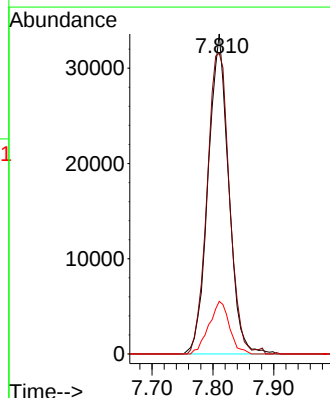
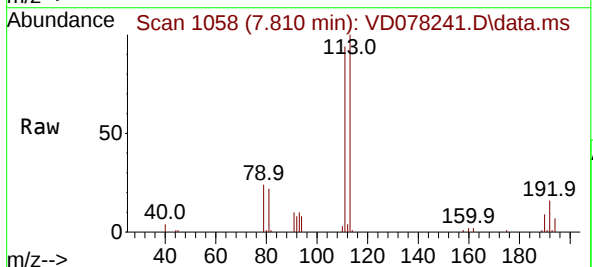
Tgt Ion:113 Resp: 78725

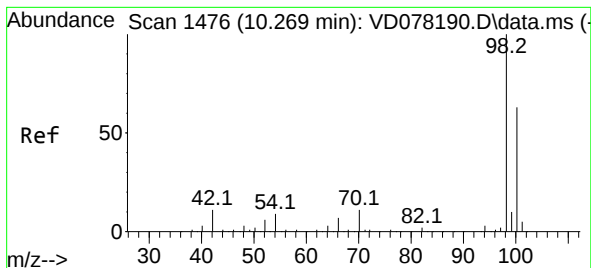
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 16.4 16.8 25.2#





#50

Toluene-d8

Concen: 48.628 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078241.D

Acq: 25 Jan 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

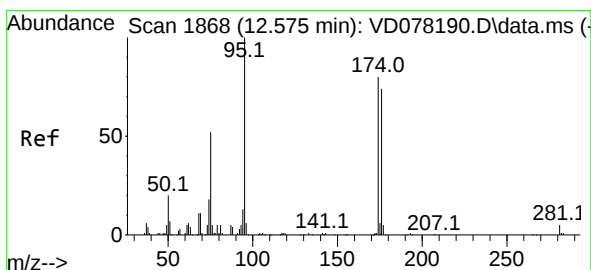
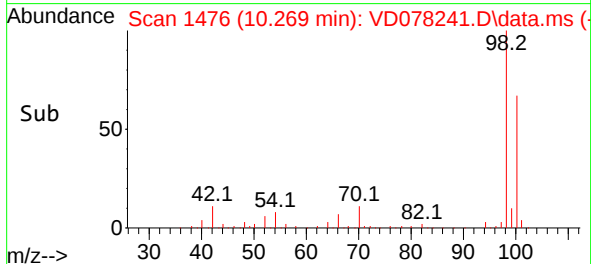
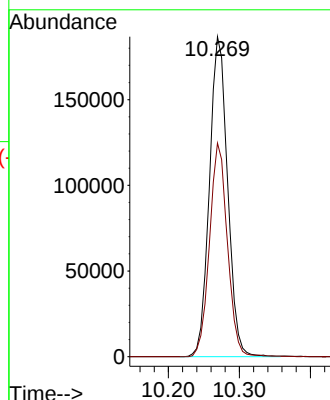
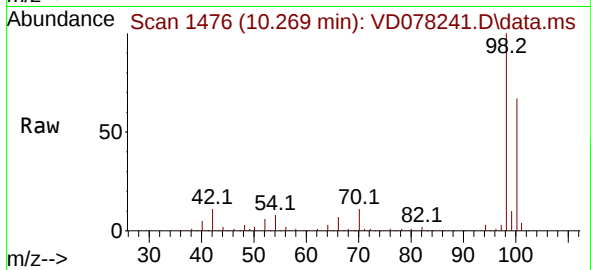
69-TP-3

Tgt Ion: 98 Resp: 331696

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 50.847 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078241.D

Acq: 25 Jan 2024 12:46

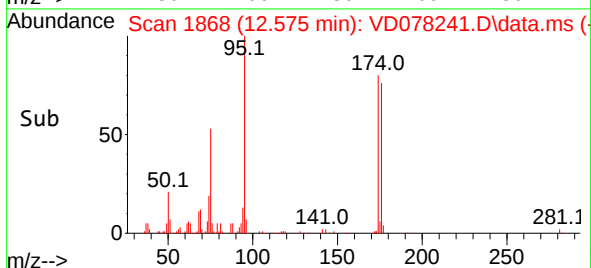
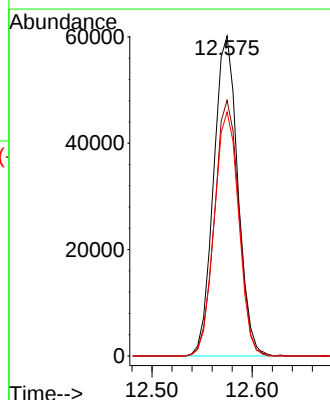
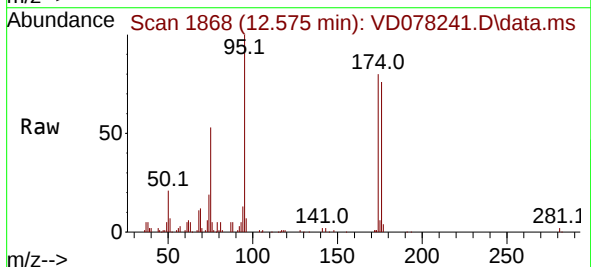
Tgt Ion: 95 Resp: 100583

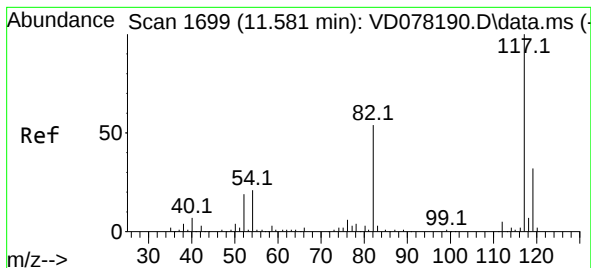
Ion Ratio Lower Upper

95 100

174 81.0 0.0 201.8

176 77.2 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: VD078241.D

Acq: 25 Jan 2024 12:46

Instrument :

MSVOA_D

ClientSampleId :

69-TP-3

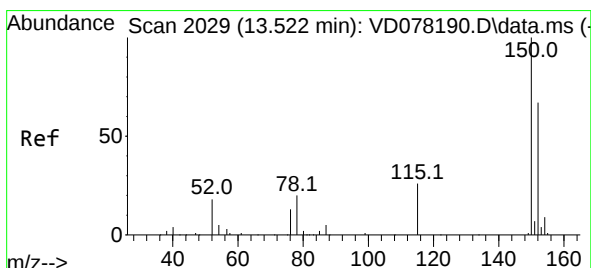
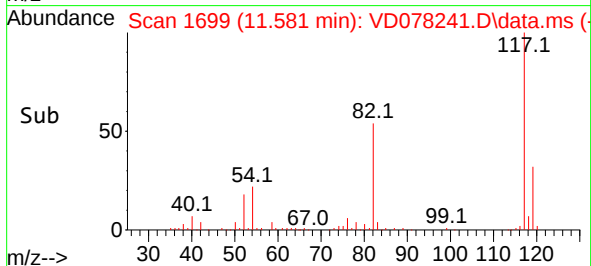
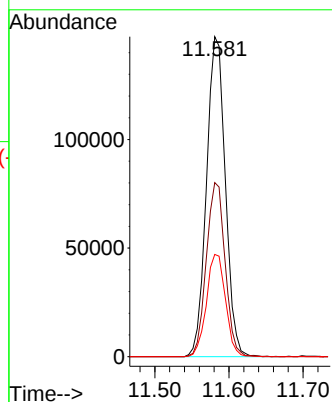
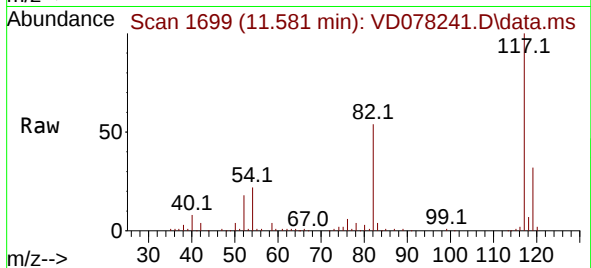
Tgt Ion:117 Resp: 259888

Ion Ratio Lower Upper

117 100

82 54.4 38.3 57.5

119 31.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078241.D

Acq: 25 Jan 2024 12:46

Tgt Ion:152 Resp: 111763

Ion Ratio Lower Upper

152 100

115 61.0 27.1 81.3

150 153.1 0.0 353.6

