

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075115.D
 Acq On : 11 Jan 2023 10:42
 Operator : KP/SY
 Sample : VD0111SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBL01

Quant Time: Jan 12 04:27:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	226651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63387	60.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.020%
35) Dibromofluoromethane	7.804	113	70449	49.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.269	98	278615	49.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.575	95	88799	48.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.880%

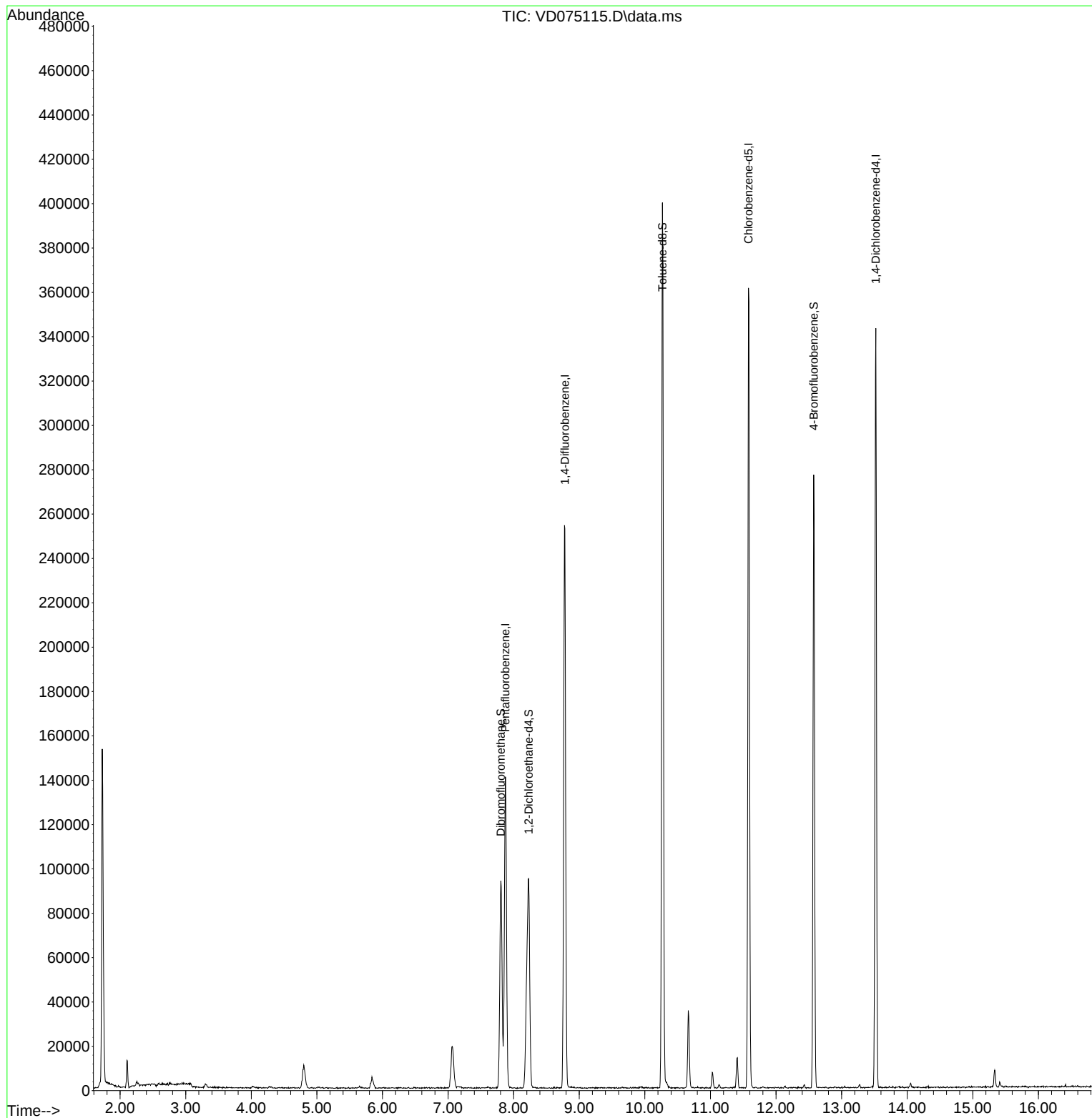
Target Compounds	Qvalue

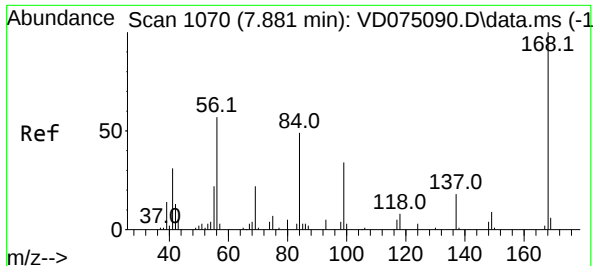
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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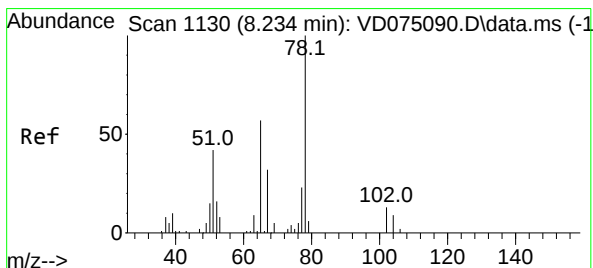
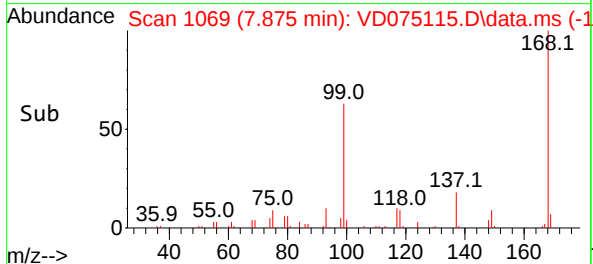
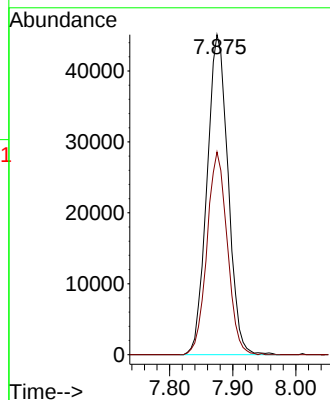
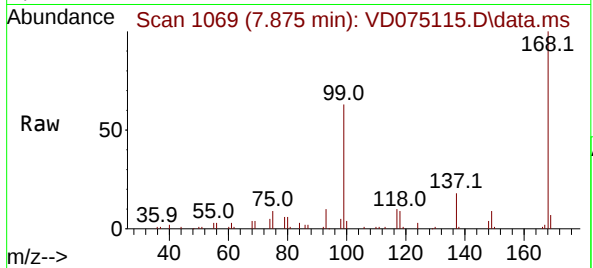




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

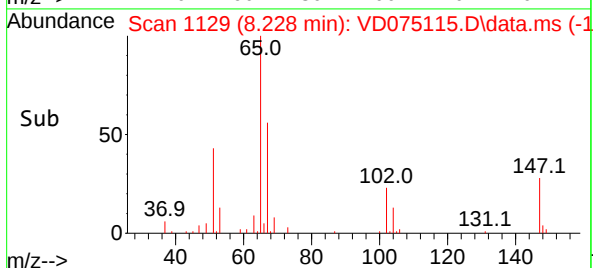
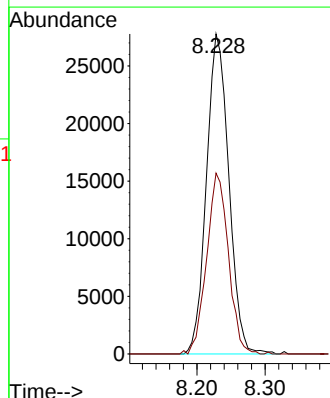
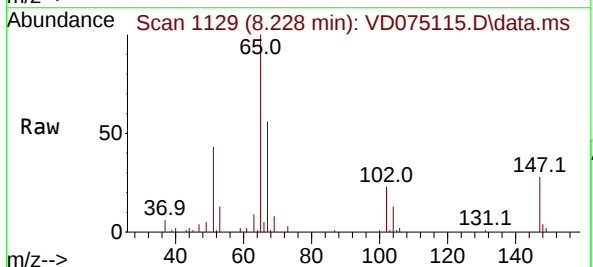
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBL01

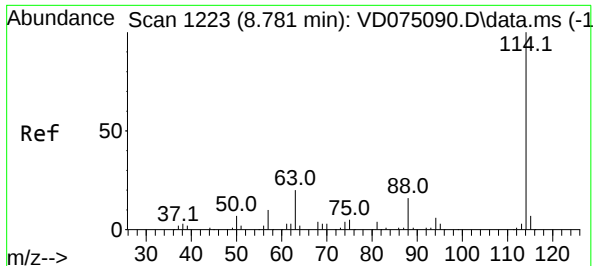
Tgt Ion:168 Resp: 104484
Ion Ratio Lower Upper
168 100
99 63.4 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 60.512 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 65 Resp: 63387
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

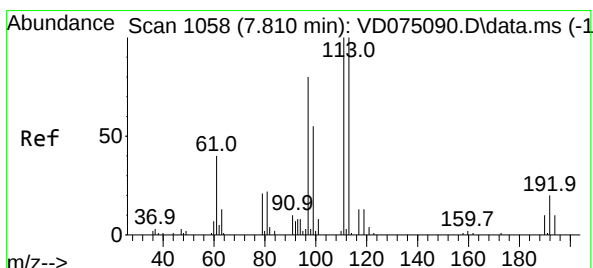
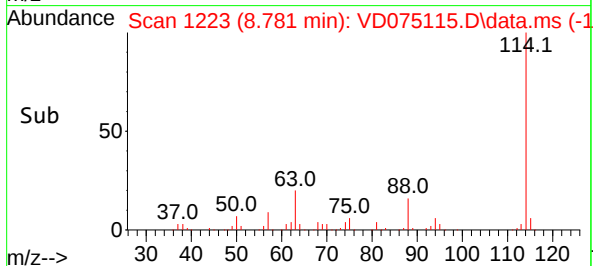
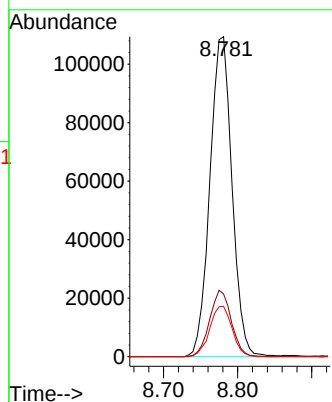
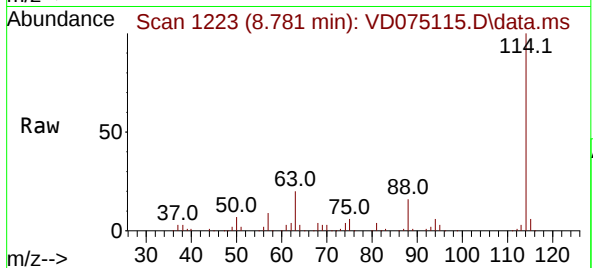




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

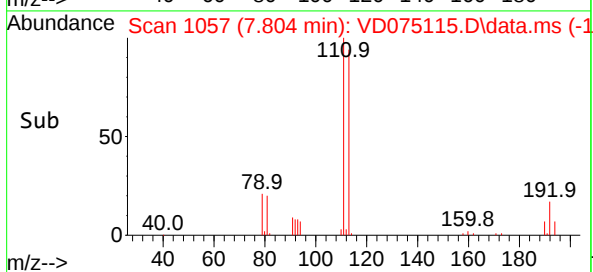
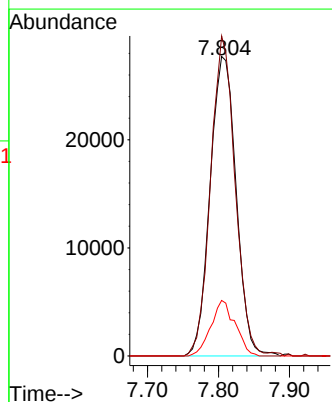
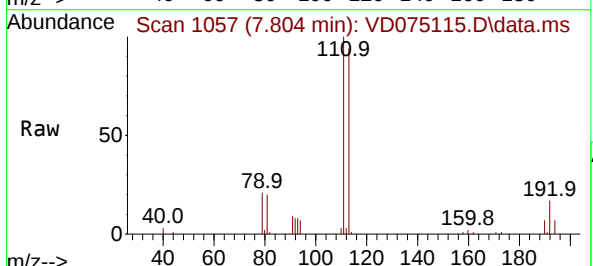
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBL01

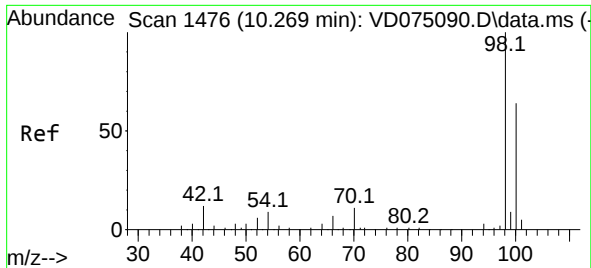
Tgt Ion:114 Resp: 226651
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.414 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

Tgt Ion:113 Resp: 70449
Ion Ratio Lower Upper
113 100
111 100.5 83.2 124.8
192 17.3 15.0 22.6

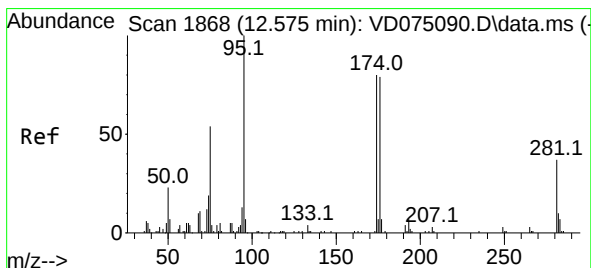
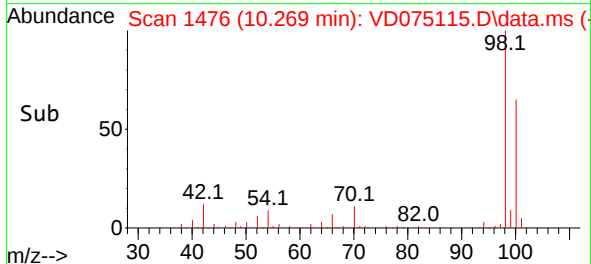
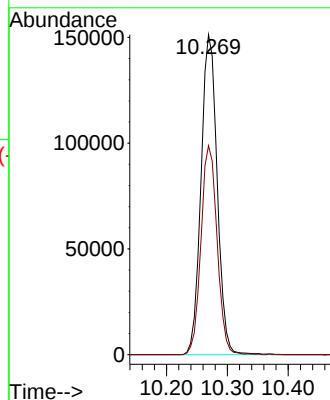
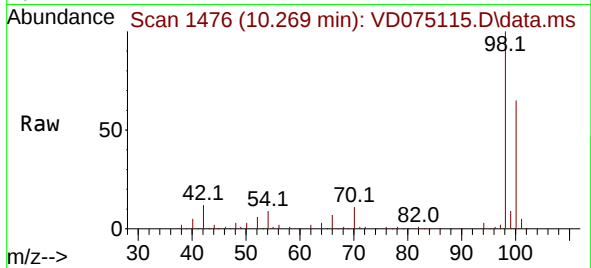




#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

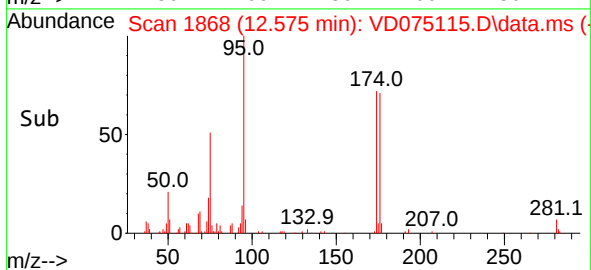
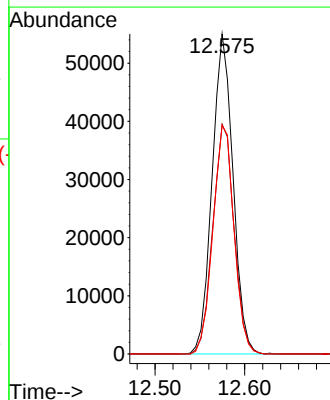
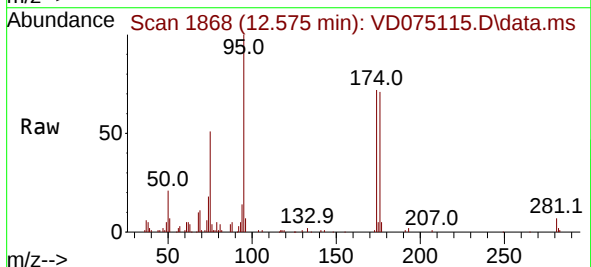
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBL01

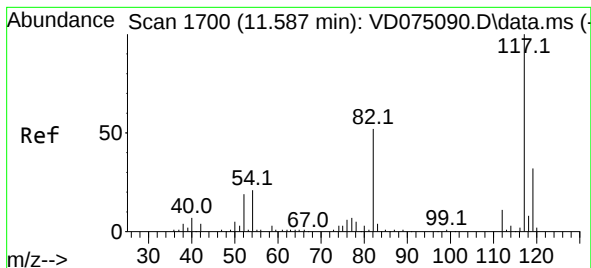
Tgt Ion: 98 Resp: 278615
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.940 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075115.D
Acq: 11 Jan 2023 10:42

Tgt Ion: 95 Resp: 88799
Ion Ratio Lower Upper
95 100
174 73.1 0.0 168.4
176 72.2 0.0 163.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075115.D

Acq: 11 Jan 2023 10:42

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBL01

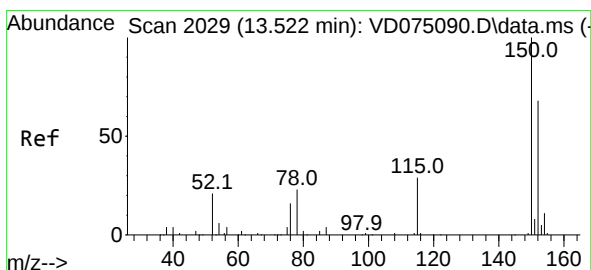
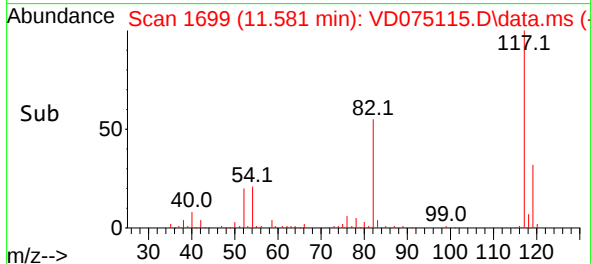
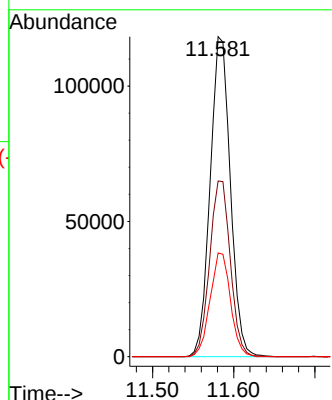
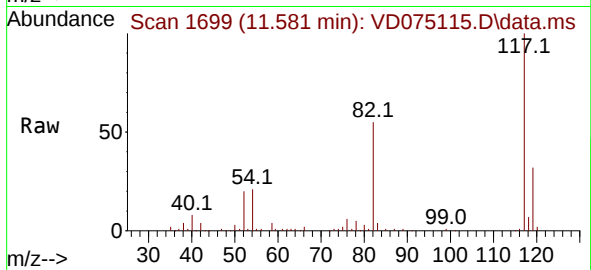
Tgt Ion:117 Resp: 204480

Ion Ratio Lower Upper

117 100

82 54.9 41.3 61.9

119 32.4 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075115.D

Acq: 11 Jan 2023 10:42

Tgt Ion:152 Resp: 87533

Ion Ratio Lower Upper

152 100

115 61.8 28.7 86.1

150 155.6 0.0 343.2

