

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071916.D
 Acq On : 08 Feb 2022 14:23
 Operator : VA/SY
 Sample : N1423-10
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

Quant Time: Feb 09 03:51:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	68633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	122945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	131247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	59505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74173	85.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.000%#
35) Dibromofluoromethane	7.909	113	51188	63.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.680%
50) Toluene-d8	10.332	98	156966	52.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.626	95	58064	55.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.180%

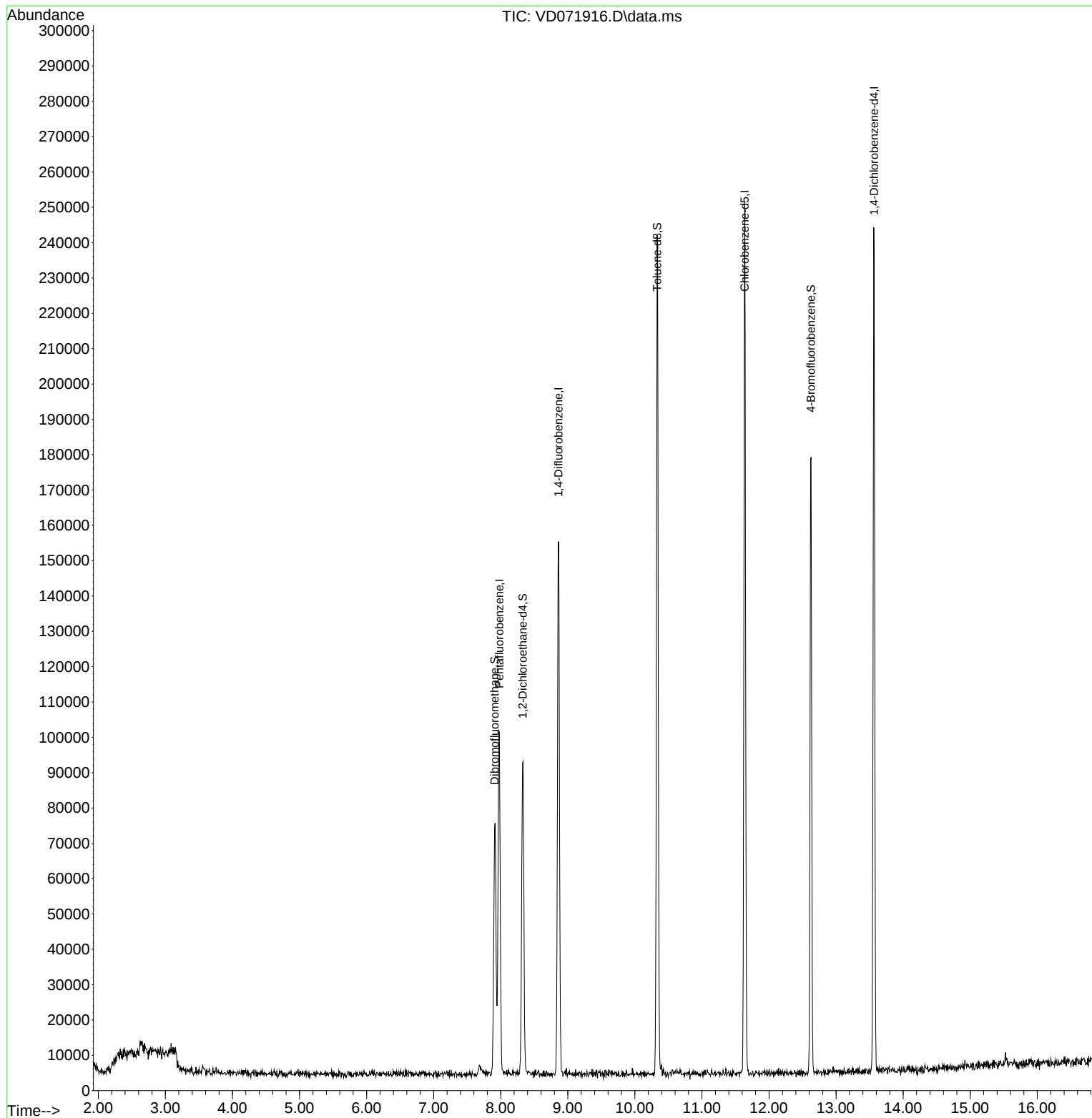
Target Compounds	Qvalue

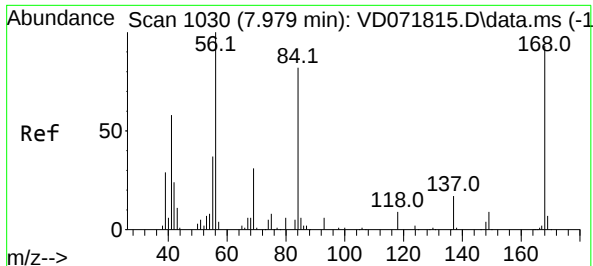
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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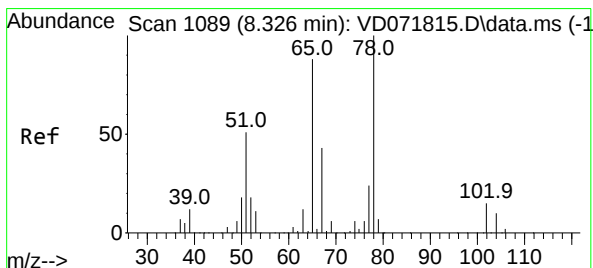
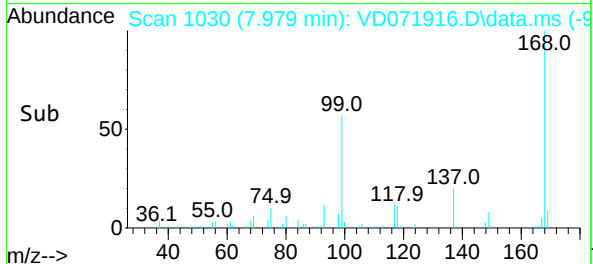
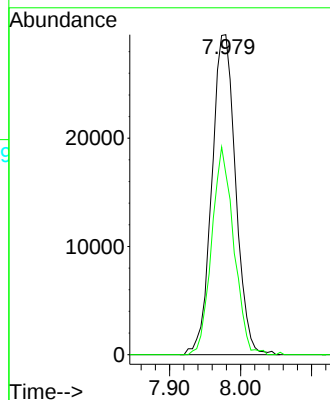
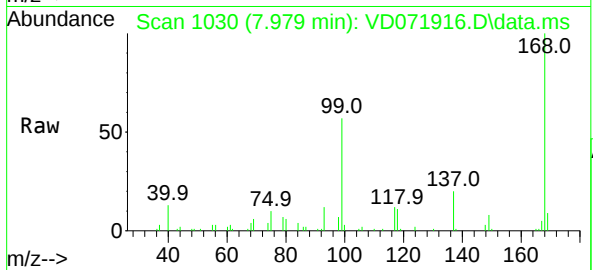




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

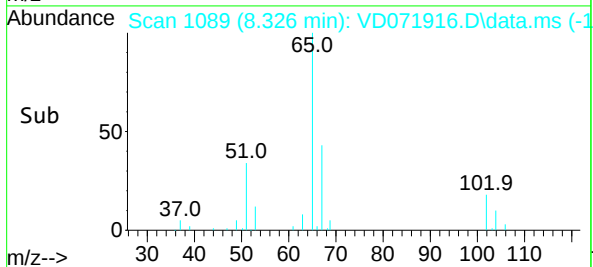
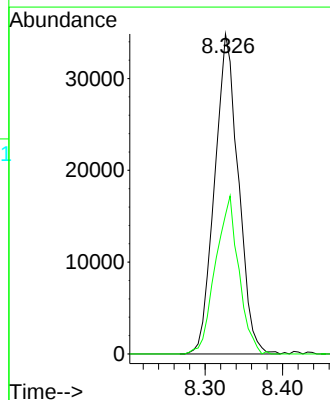
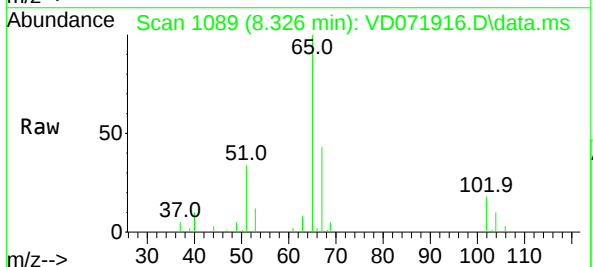
Instrument :
MSVOA_D
ClientSampleId :
TP-25

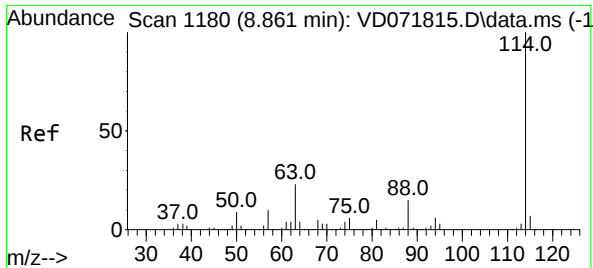
Tgt Ion:168 Resp: 68633
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 85.503 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 65 Resp: 74173
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.4

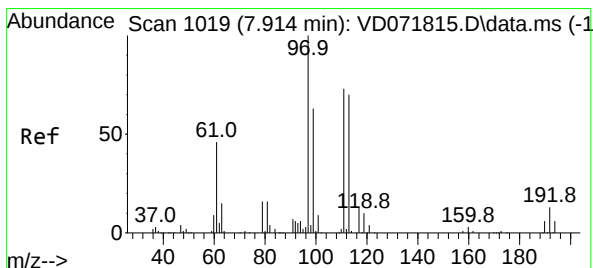
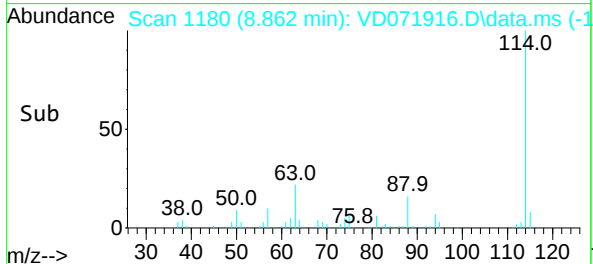
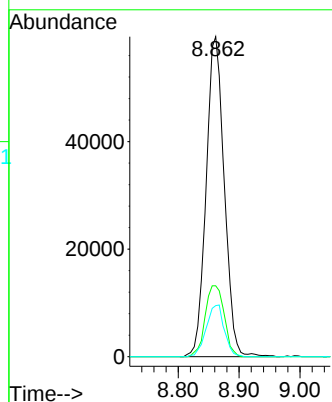
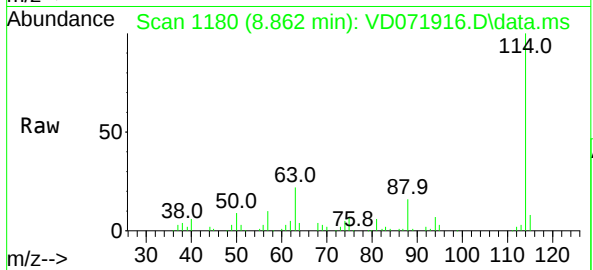




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.862 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

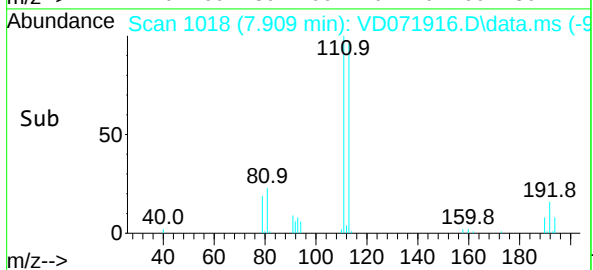
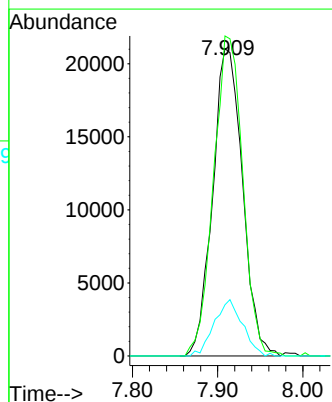
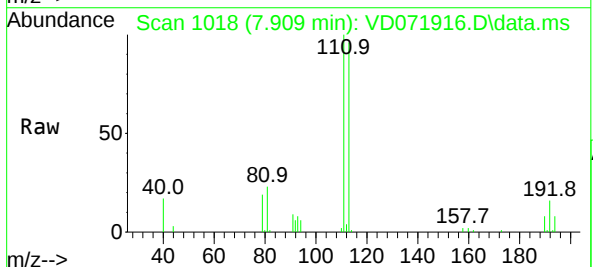
Instrument :
MSVOA_D
ClientSampleId :
TP-25

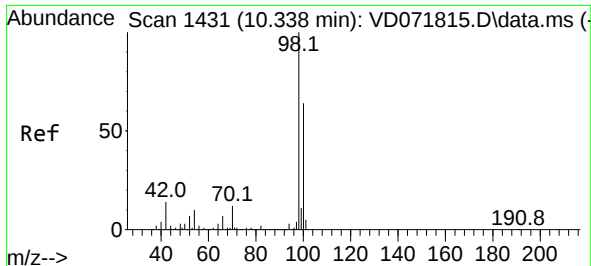
Tgt Ion:114 Resp: 122945
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 63.340 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion:113 Resp: 51188
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.5 14.6 21.8

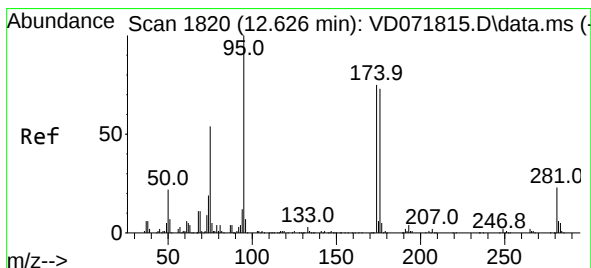
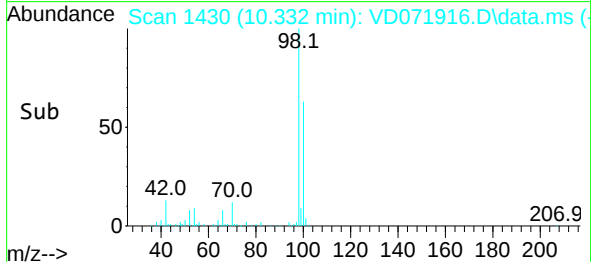
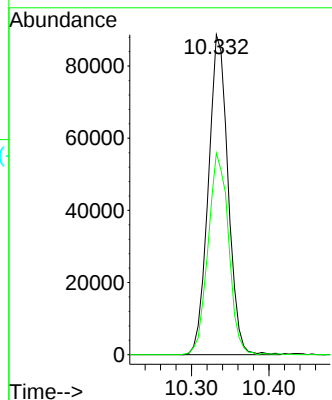
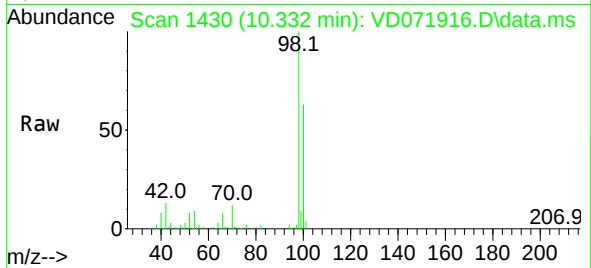




#50
Toluene-d8
Concen: 52.007 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

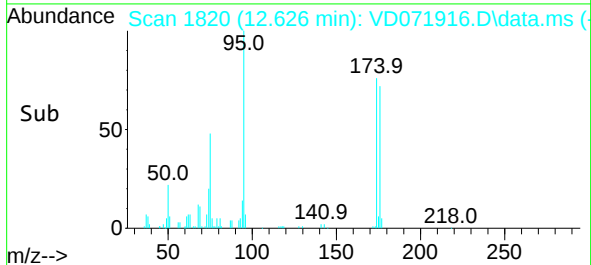
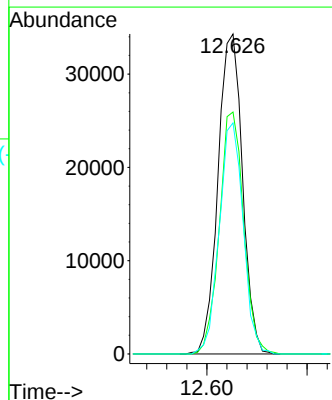
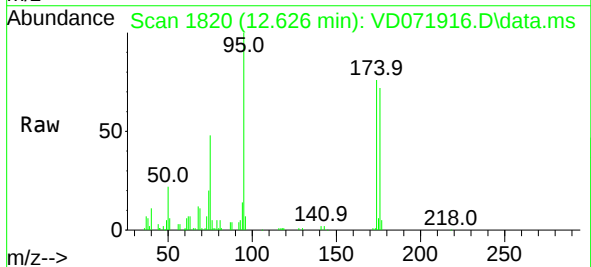
Instrument :
MSVOA_D
ClientSampleId :
TP-25

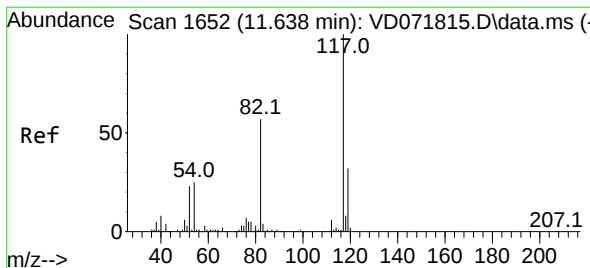
Tgt Ion: 98 Resp: 156966
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.090 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071916.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 95 Resp: 58064
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 70.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

TP-25

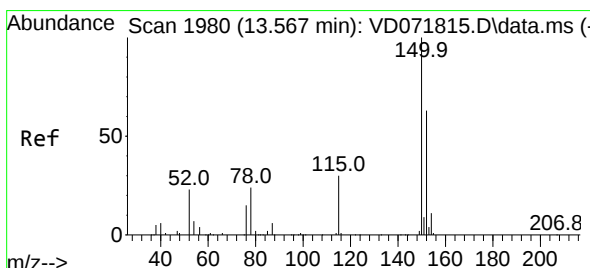
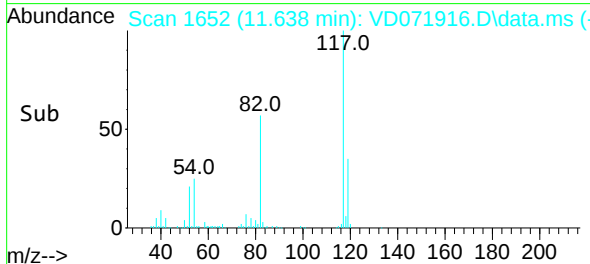
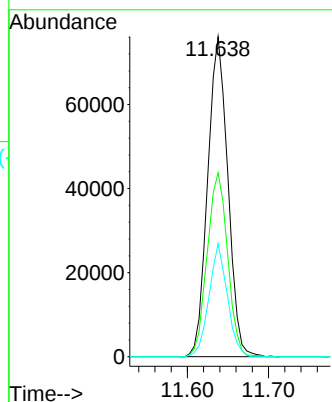
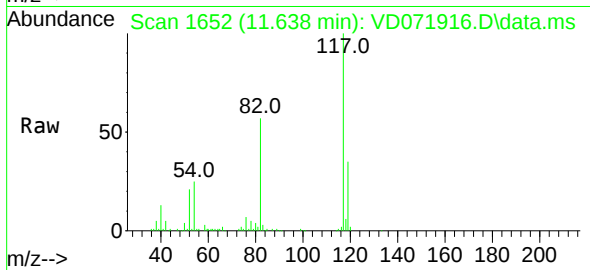
Tgt Ion:117 Resp: 131247

Ion Ratio Lower Upper

117 100

82 57.5 45.3 67.9

119 35.3 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071916.D

Acq: 08 Feb 2022 14:23

Tgt Ion:152 Resp: 59505

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 155.8 0.0 348.6

