

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080043.D
 Acq On : 17 Nov 2024 15:46
 Operator : RP/MD
 Sample : P4838-03
 Misc : 5.10G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-STONE

Quant Time: Nov 18 04:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73880	44.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.580%
35) Dibromofluoromethane	7.804	113	78020	42.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.240%
50) Toluene-d8	10.269	98	231932	33.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.220%
62) 4-Bromofluorobenzene	12.569	95	60938	26.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.840%

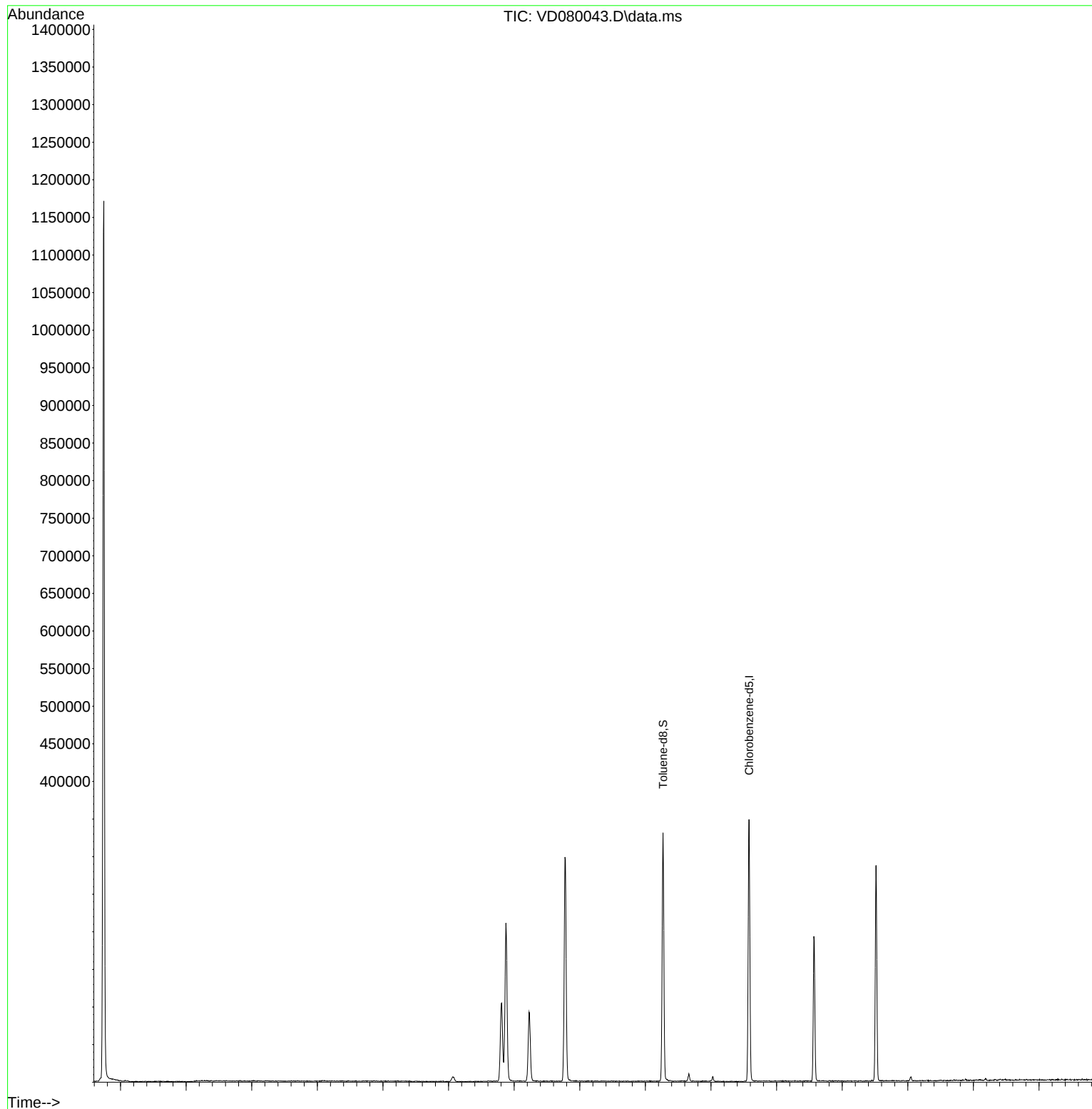
Target Compounds Qvalue

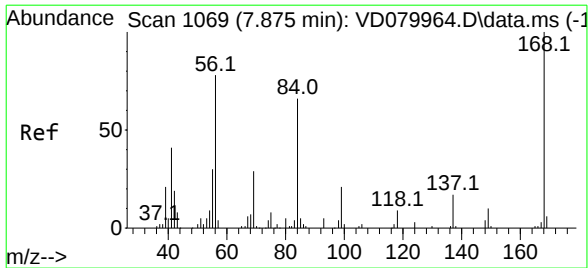
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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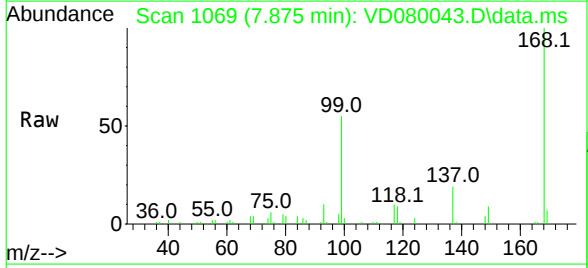
Quant Time: Nov 18 04:24:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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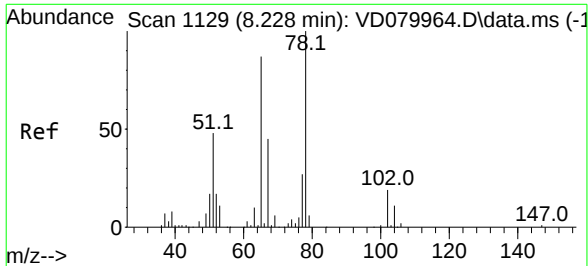
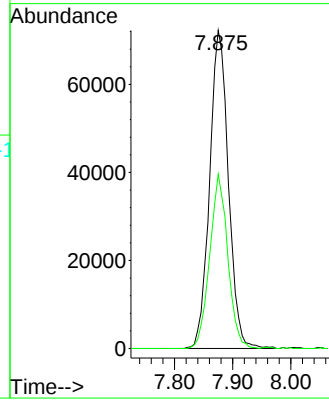
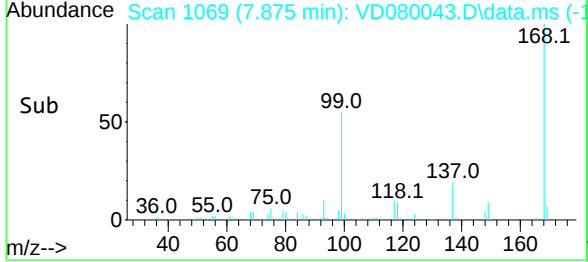


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

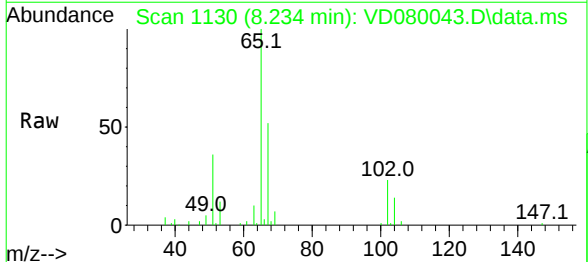
Instrument :
MSVOA_D
ClientSampleId :
T1-STONE



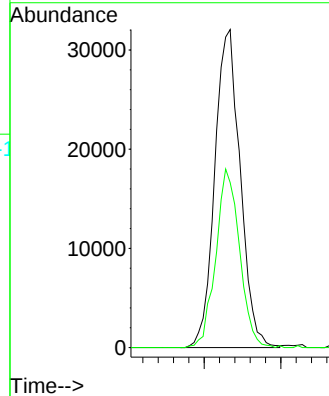
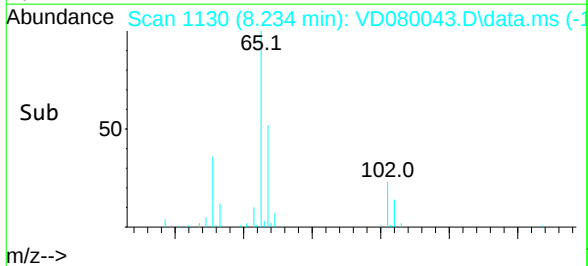
Tgt Ion:168 Resp: 162011
Ion Ratio Lower Upper
168 100
99 54.8 46.0 69.0

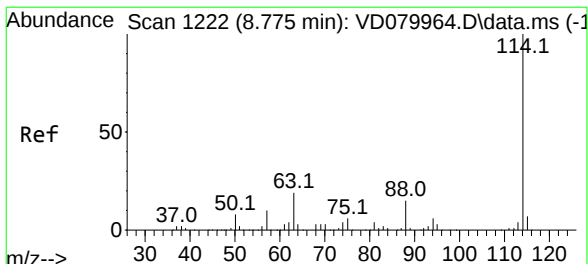


#33
1,2-Dichloroethane-d4
Concen: 44.291 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46



Tgt Ion: 65 Resp: 73880
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.2

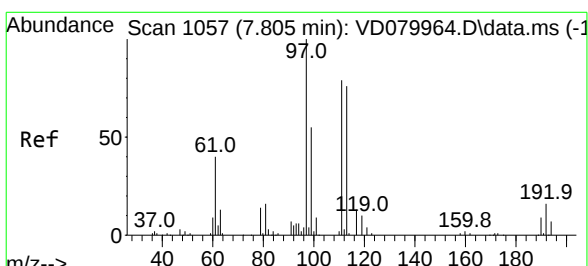
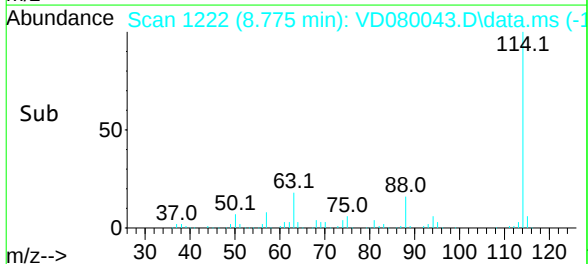
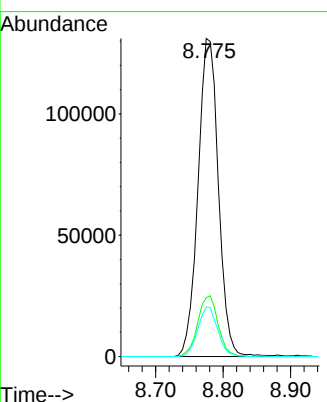
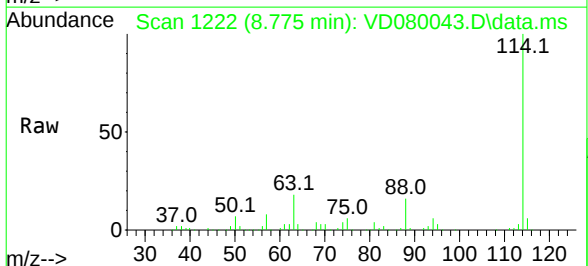




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD080043.D
 Acq: 17 Nov 2024 15:46

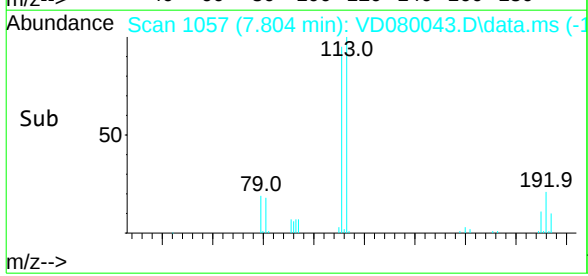
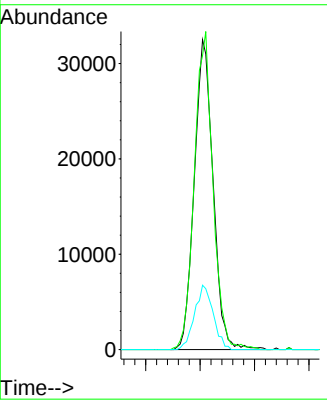
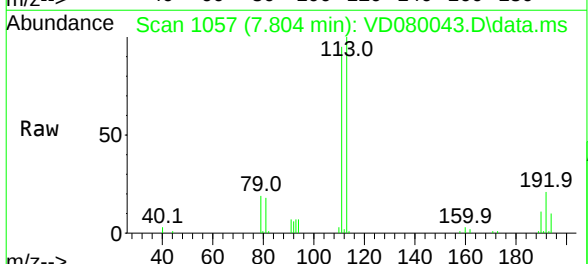
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-STONE

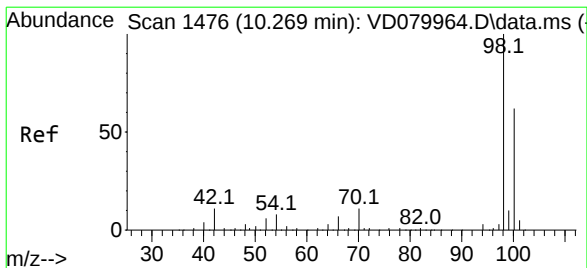
Tgt Ion:	114	Resp:	275077
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.8
88	15.6	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 42.617 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD080043.D
 Acq: 17 Nov 2024 15:46

Tgt Ion:	113	Resp:	78020
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.5	123.7
192	20.6	16.6	25.0





#50

Toluene-d8

Concen: 33.613 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

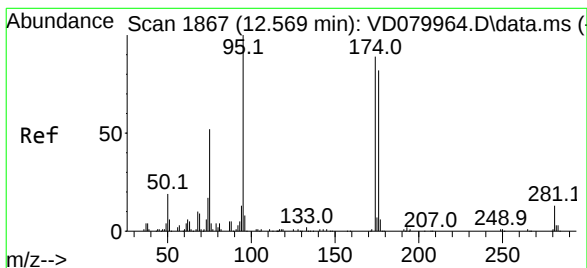
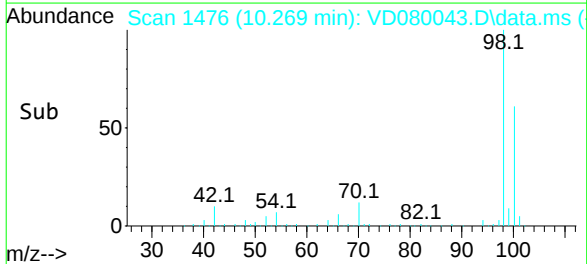
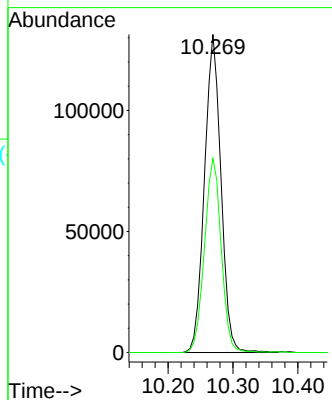
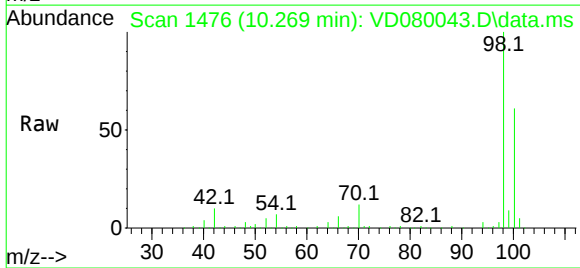
T1-STONE

Tgt Ion: 98 Resp: 231932

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 26.918 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

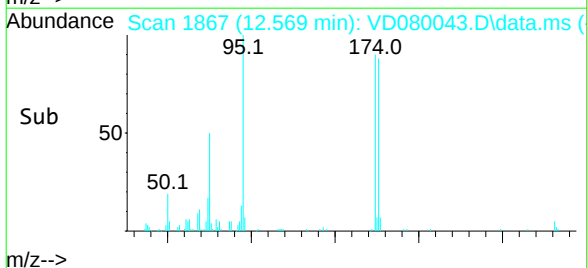
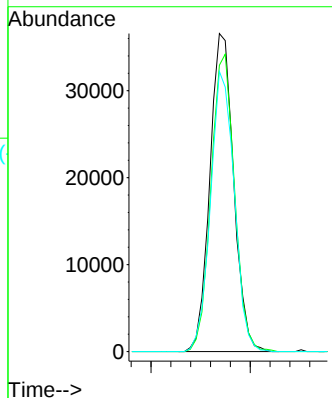
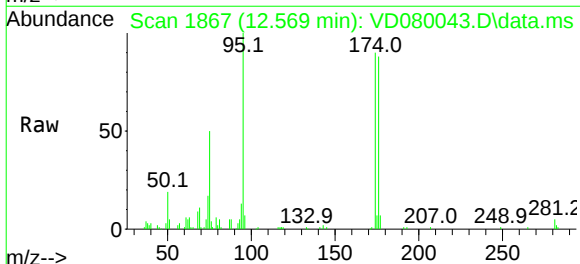
Tgt Ion: 95 Resp: 60938

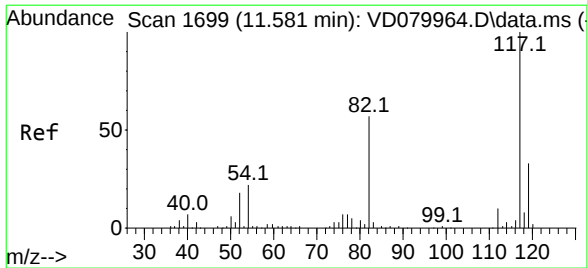
Ion Ratio Lower Upper

95 100

174 92.5 0.0 173.4

176 87.8 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

T1-STONE

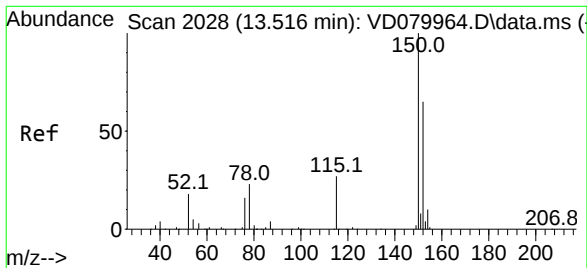
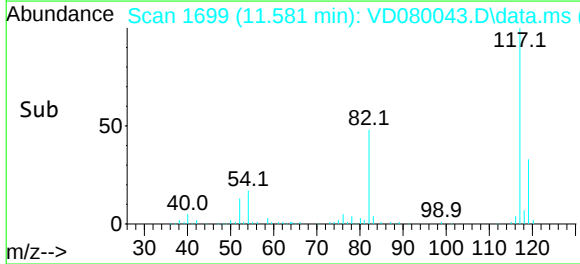
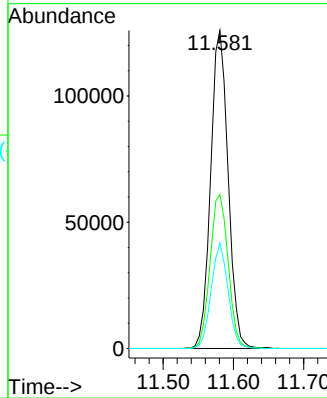
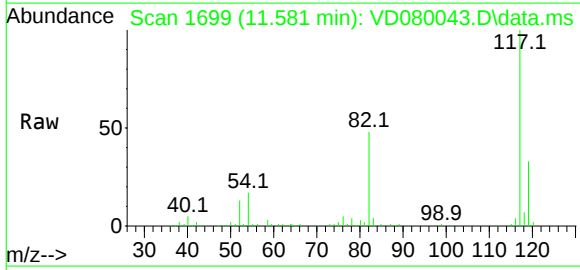
Tgt Ion:117 Resp: 217958

Ion Ratio Lower Upper

117 100

82 48.4 45.8 68.6

119 33.1 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Tgt Ion:152 Resp: 80040

Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.8

150 159.5 0.0 354.8

