

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078818.D
 Acq On : 16 Apr 2024 12:07
 Operator : RP/MD
 Sample : VD0416SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

Quant Time: Apr 16 22:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	266869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	241806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80081	62.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.160%
35) Dibromofluoromethane	7.804	113	88519	51.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.269	98	322600	51.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.575	95	85727	46.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.740%

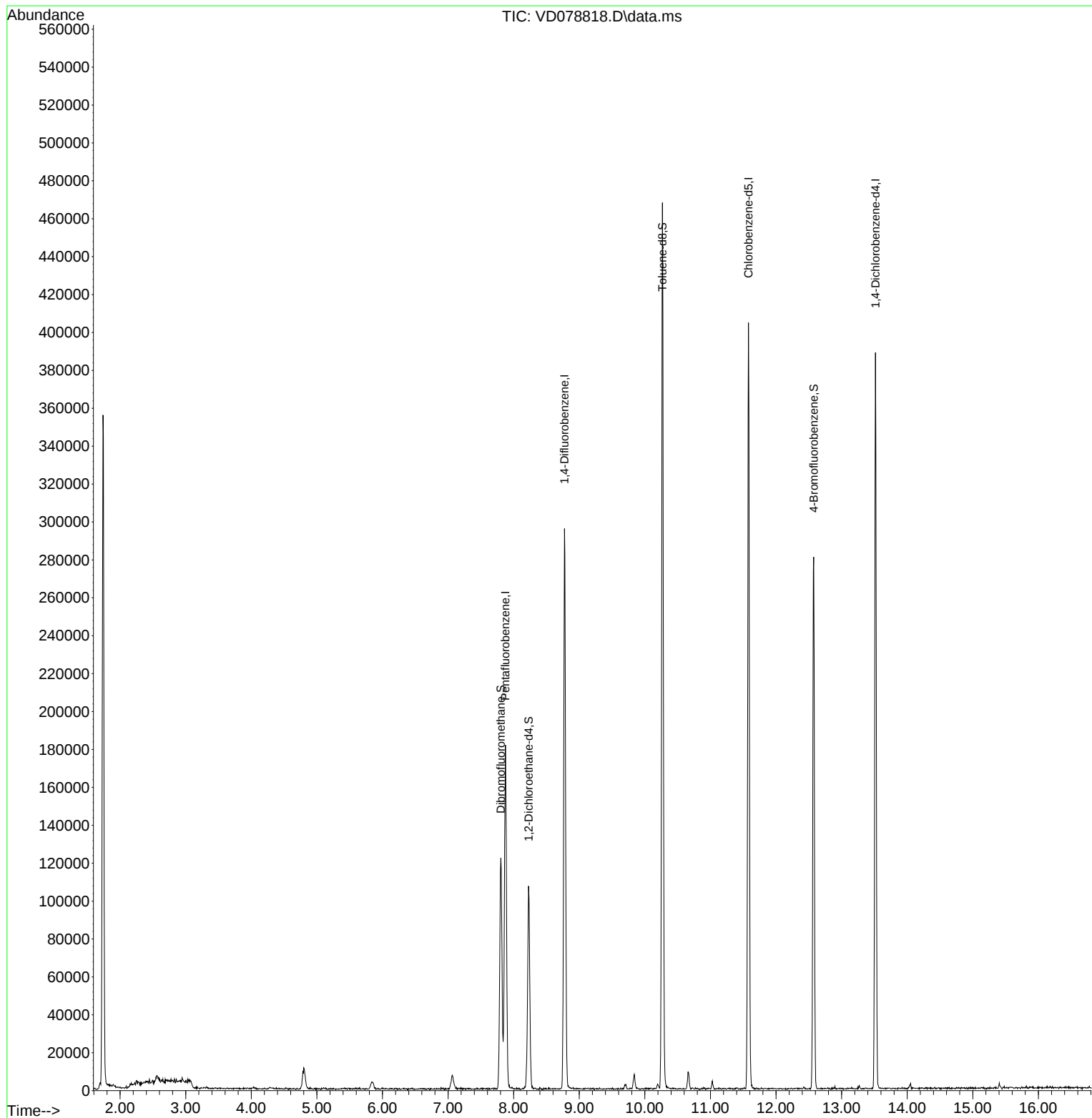
Target Compounds	Qvalue

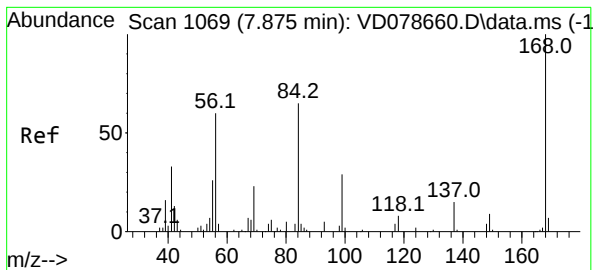
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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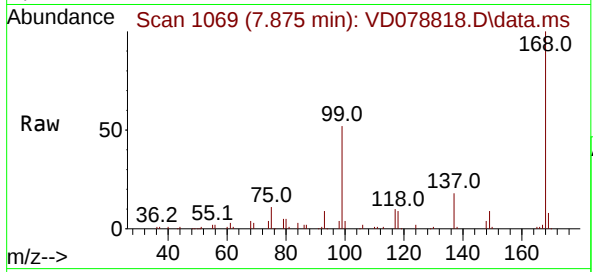
Quant Time: Apr 16 22:31:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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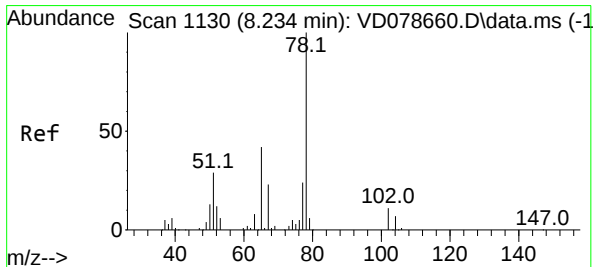
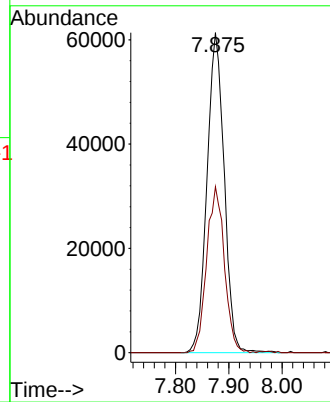
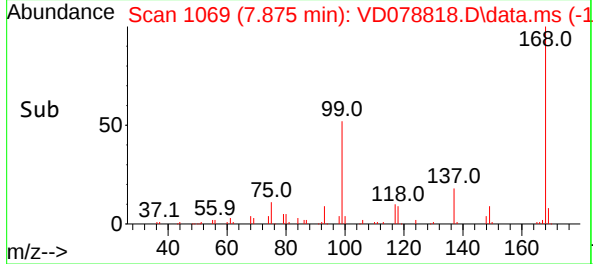


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

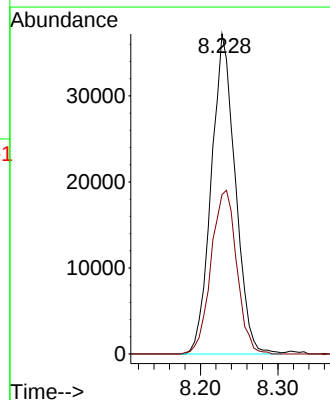
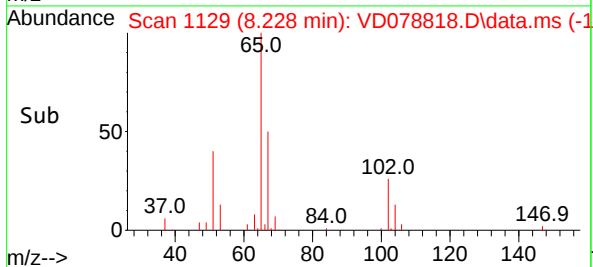
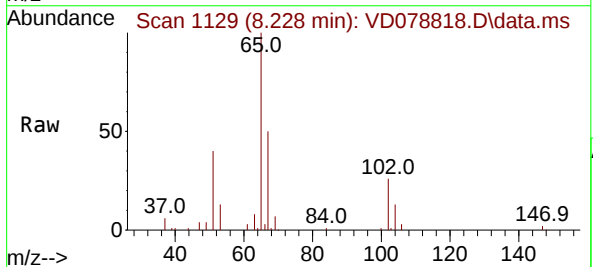


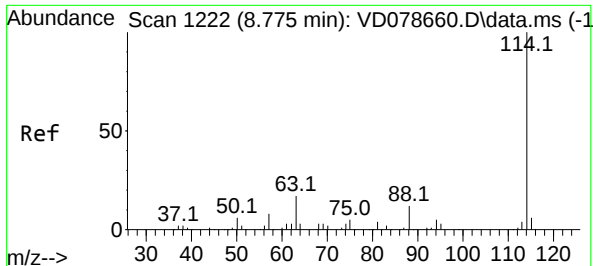
Tgt Ion:168 Resp: 137654
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 62.076 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Tgt Ion: 65 Resp: 80081
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL01

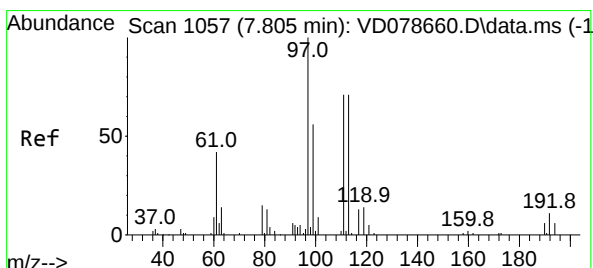
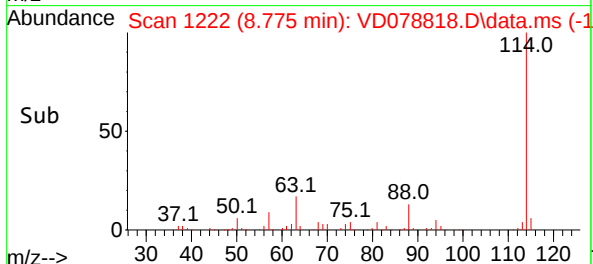
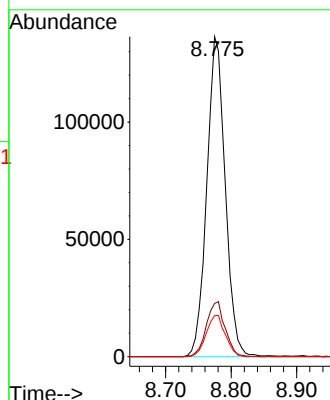
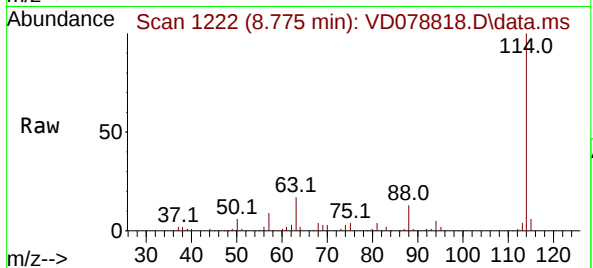
Tgt Ion:114 Resp: 266869

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 51.517 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

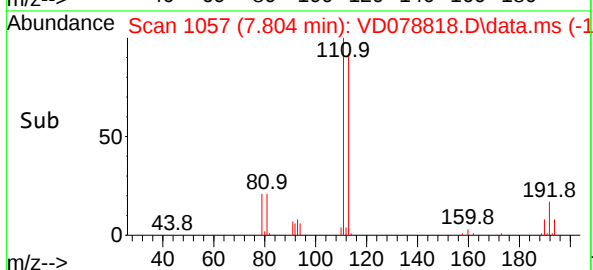
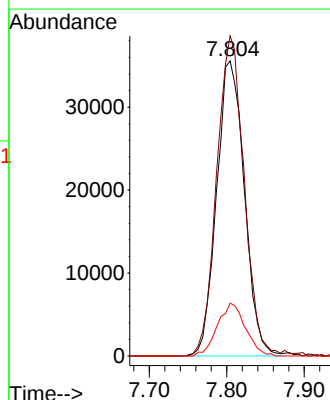
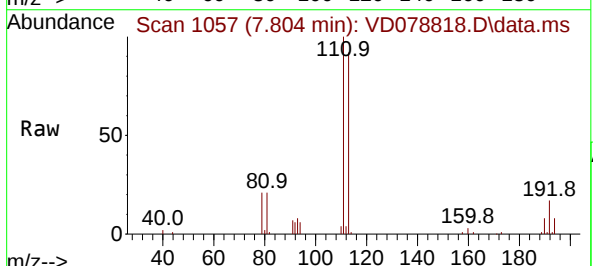
Tgt Ion:113 Resp: 88519

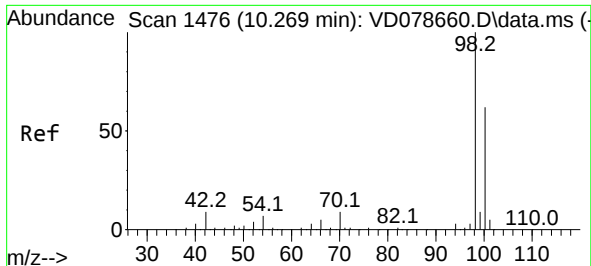
Ion Ratio Lower Upper

113 100

111 107.6 81.9 122.9

192 18.1 15.4 23.0

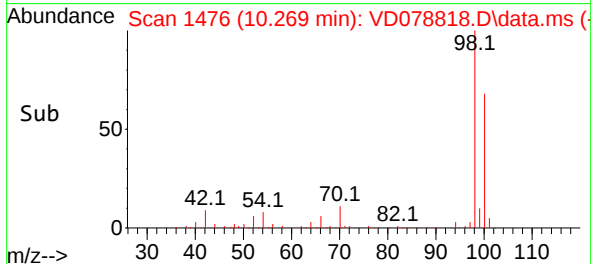
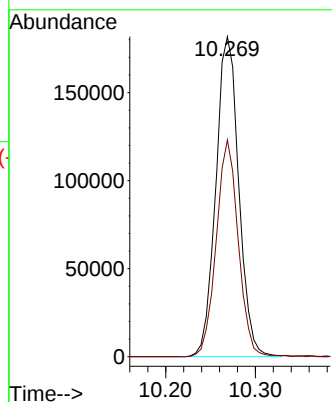
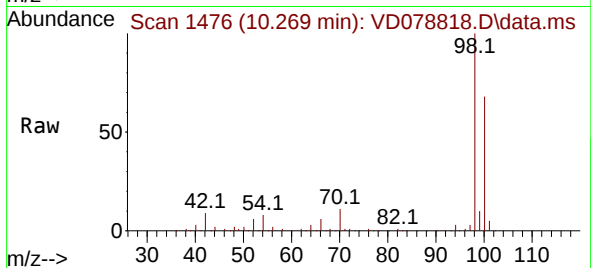




#50
Toluene-d8
Concen: 51.051 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

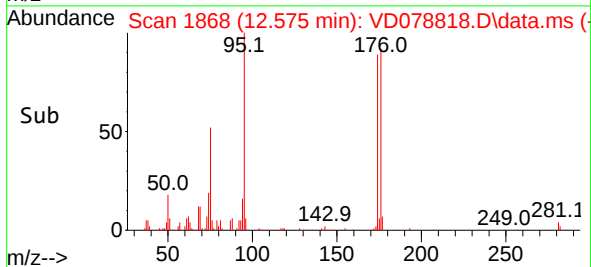
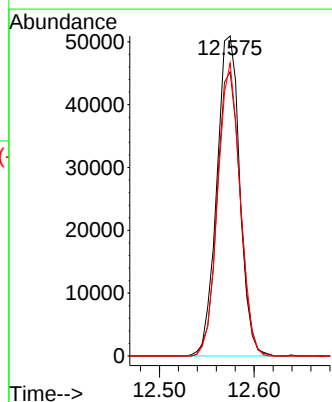
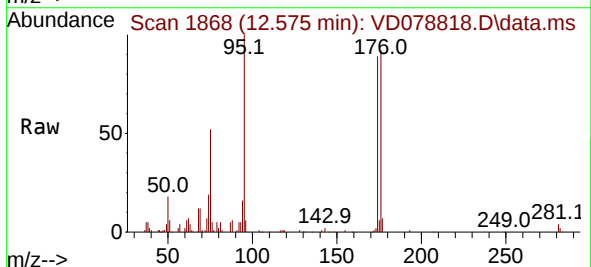
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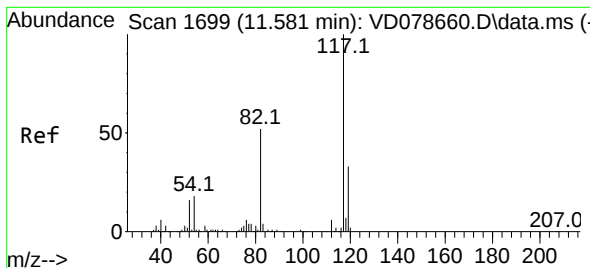
Tgt Ion: 98 Resp: 322600
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.372 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Tgt Ion: 95 Resp: 85727
Ion Ratio Lower Upper
95 100
174 89.1 0.0 195.2
176 88.5 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL01

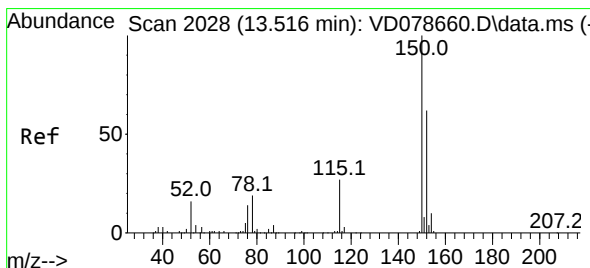
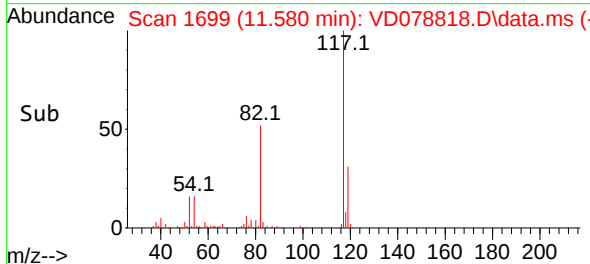
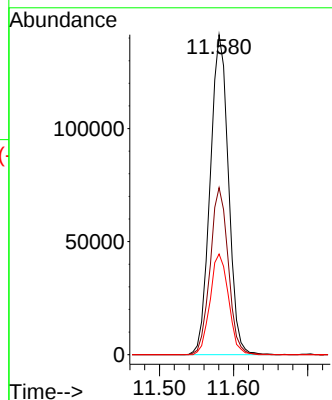
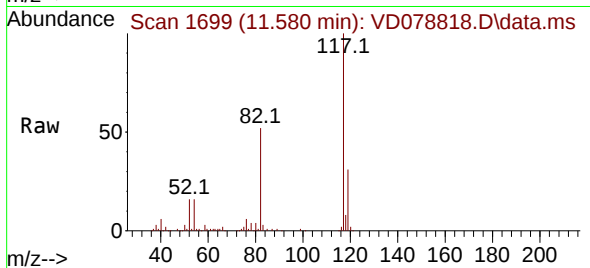
Tgt Ion:117 Resp: 241806

Ion Ratio Lower Upper

117 100

82 52.2 41.4 62.2

119 31.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

Tgt Ion:152 Resp: 106150

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 157.1 0.0 350.2

