

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076847.D
 Acq On : 28 Jul 2023 11:36
 Operator : KP/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBL01

Quant Time: Jul 28 23:00:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	202317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	392273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99037	49.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.300%
35) Dibromofluoromethane	7.805	113	123188	49.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.269	98	467636	53.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.575	95	132098	46.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.600%

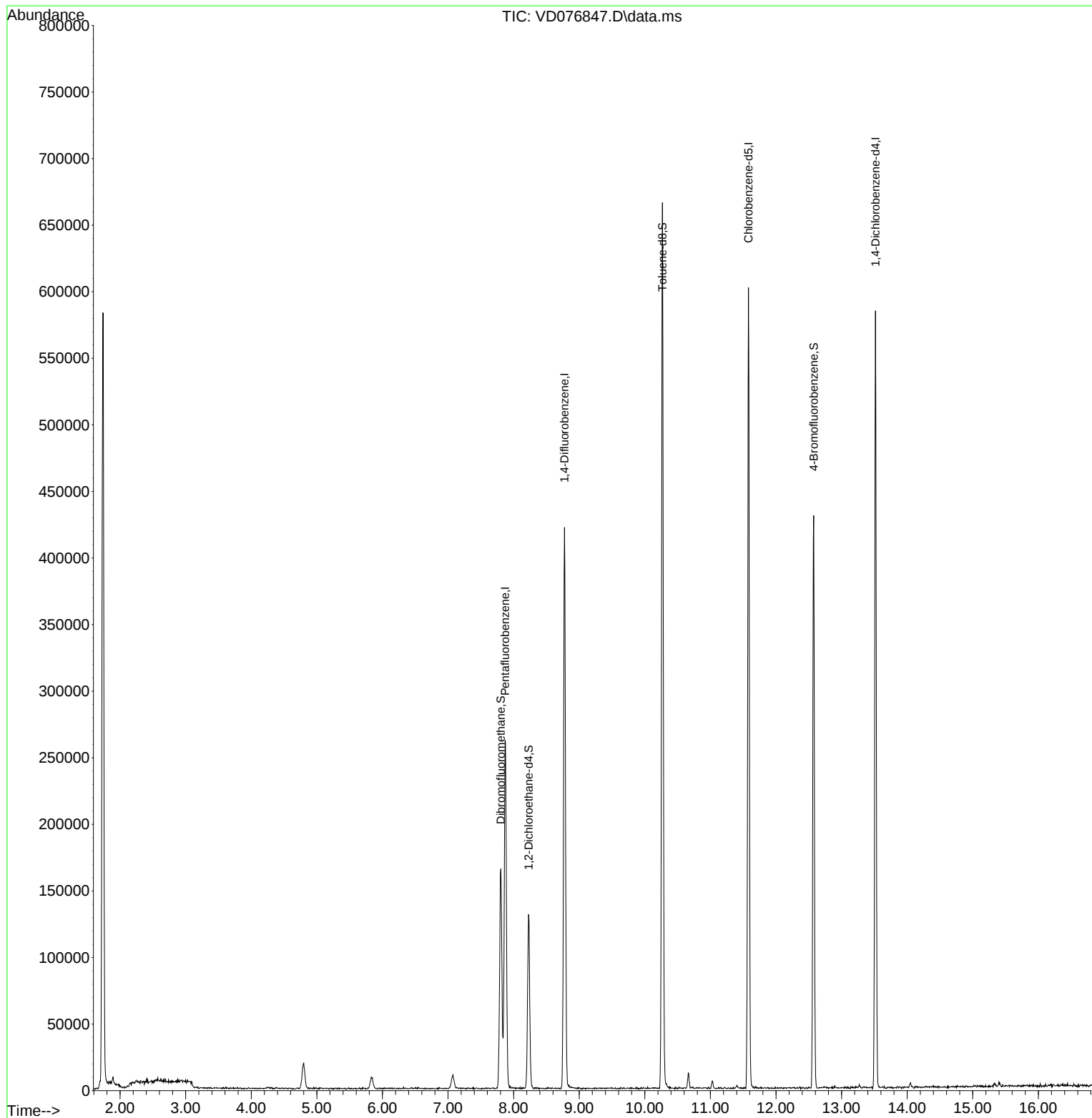
Target Compounds	Qvalue

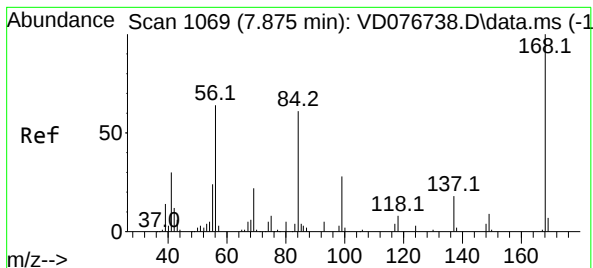
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
Data File : VD076847.D
Acq On : 28 Jul 2023 11:36
Operator : KP/SY
Sample : VD0728SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

Quant Time: Jul 28 23:00:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

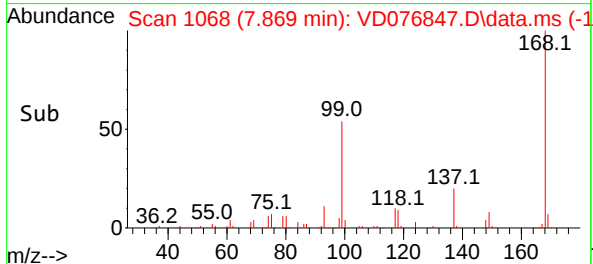
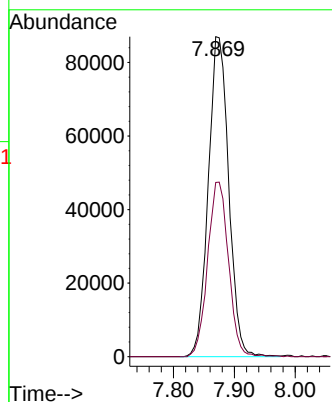
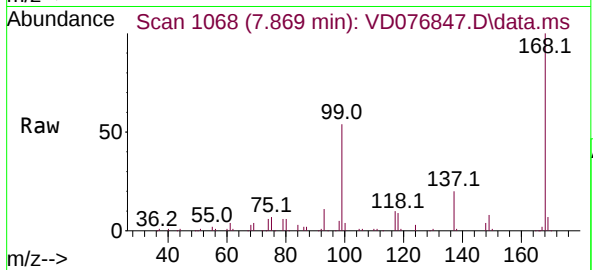




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

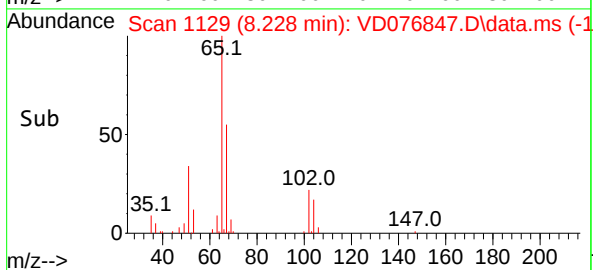
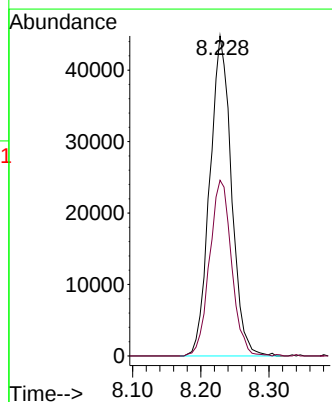
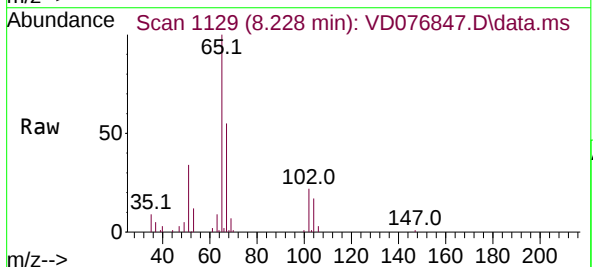
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

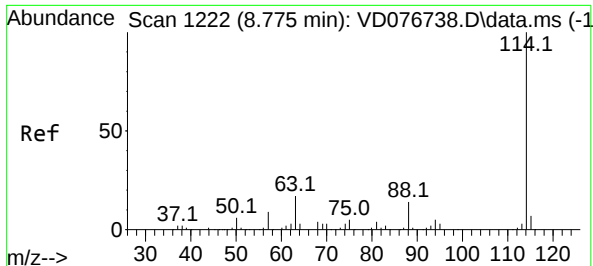
Tgt Ion:168 Resp: 202317
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 49.146 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion: 65 Resp: 99037
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076847.D

Acq: 28 Jul 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBL01

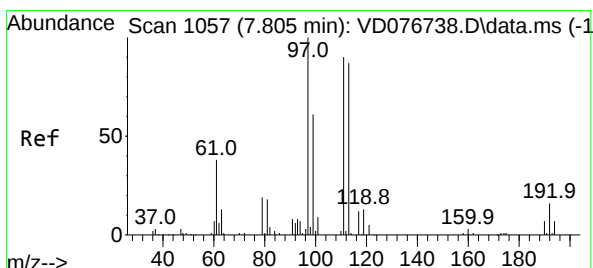
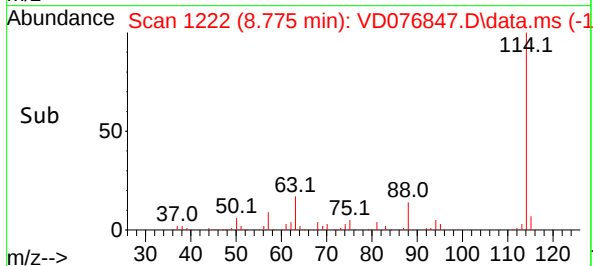
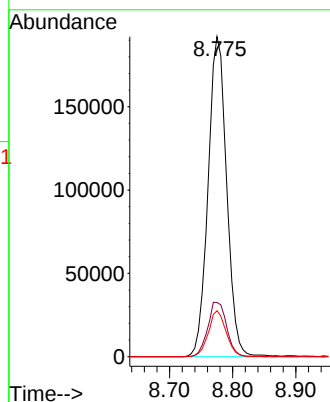
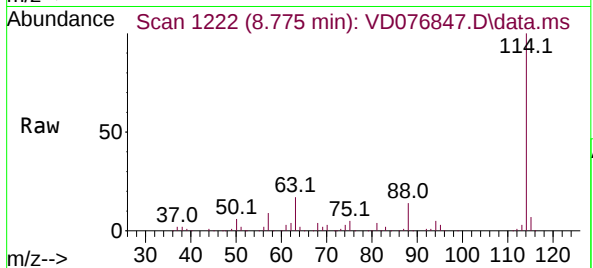
Tgt Ion:114 Resp: 392273

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.973 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076847.D

Acq: 28 Jul 2023 11:36

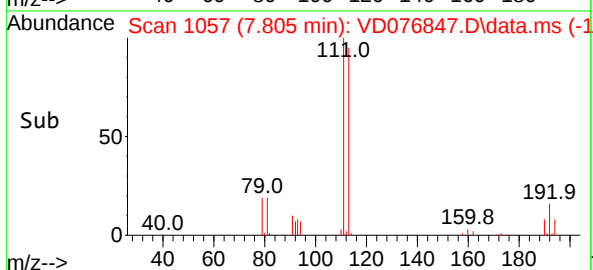
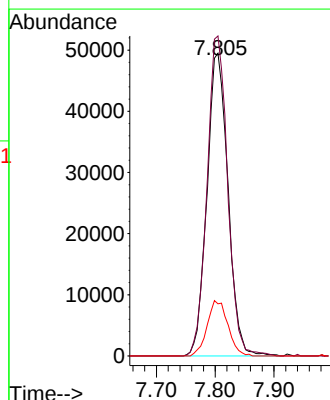
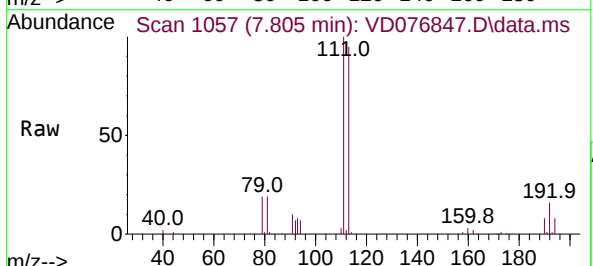
Tgt Ion:113 Resp: 123188

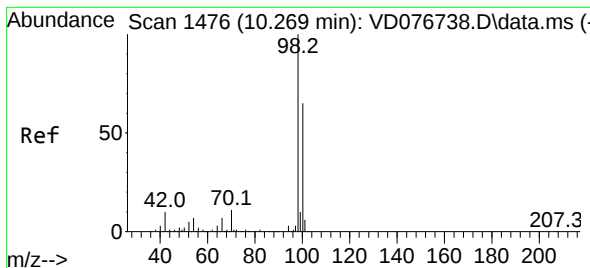
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 18.0 16.8 25.2

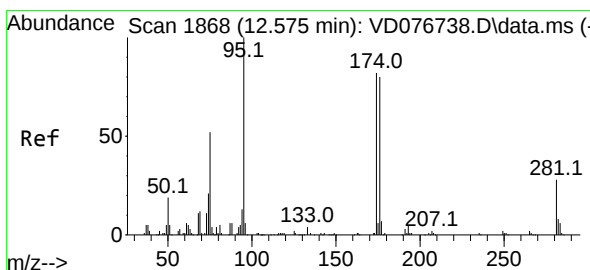
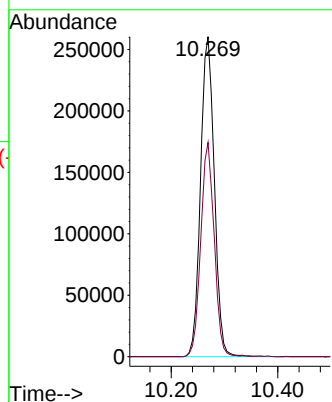
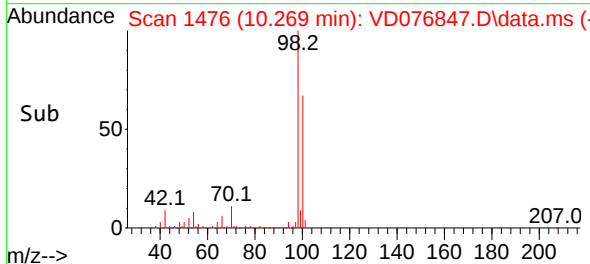
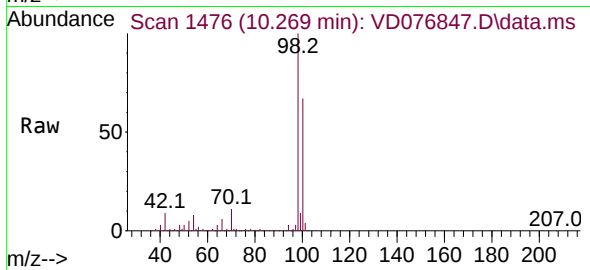




#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

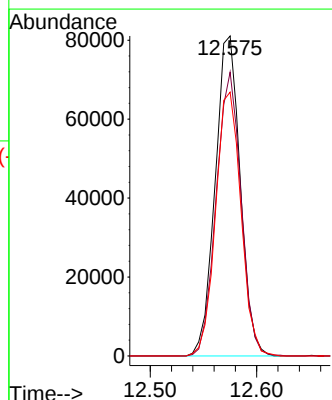
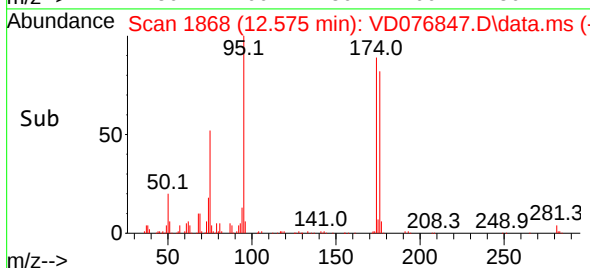
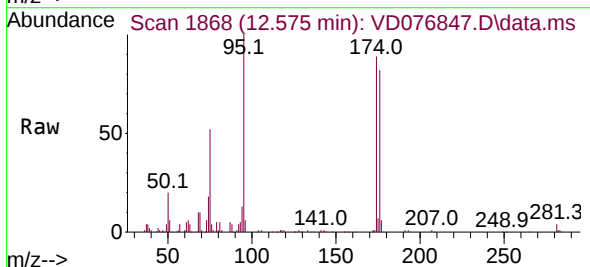
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

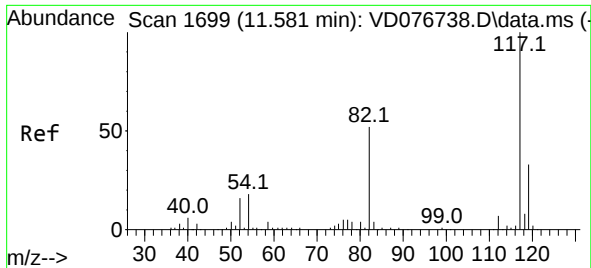
Tgt Ion: 98 Resp: 467636
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion: 95 Resp: 132098
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 83.5 0.0 191.8

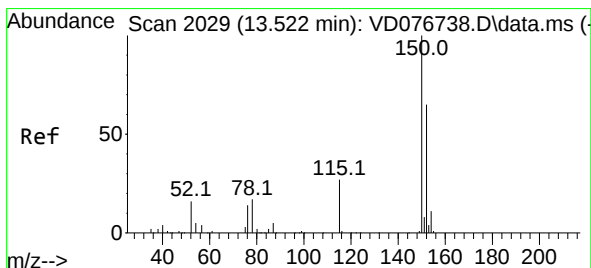
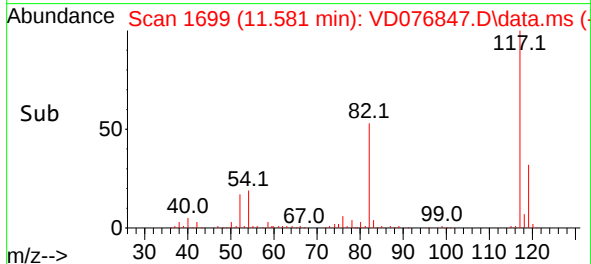
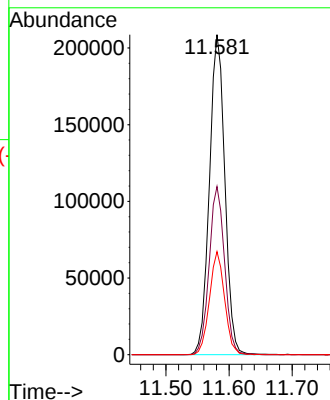
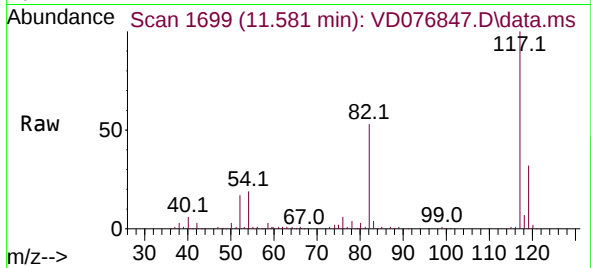




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076847.D
Acq: 28 Jul 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

Tgt Ion:117 Resp: 354478
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 32.2 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: VD076847.D
Acq: 28 Jul 2023 11:36

Tgt Ion:152 Resp: 151770
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 158.2 0.0 353.6

