

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076898.D
 Acq On : 02 Aug 2023 14:50
 Operator : KP/SY
 Sample : VD0802SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 01:24:12 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	7.875	168	154697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84695	54.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.940%
35) Dibromofluoromethane	7.799	113	102942	54.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.700%
50) Toluene-d8	10.269	98	317541	47.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.575	95	103404	47.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.220%

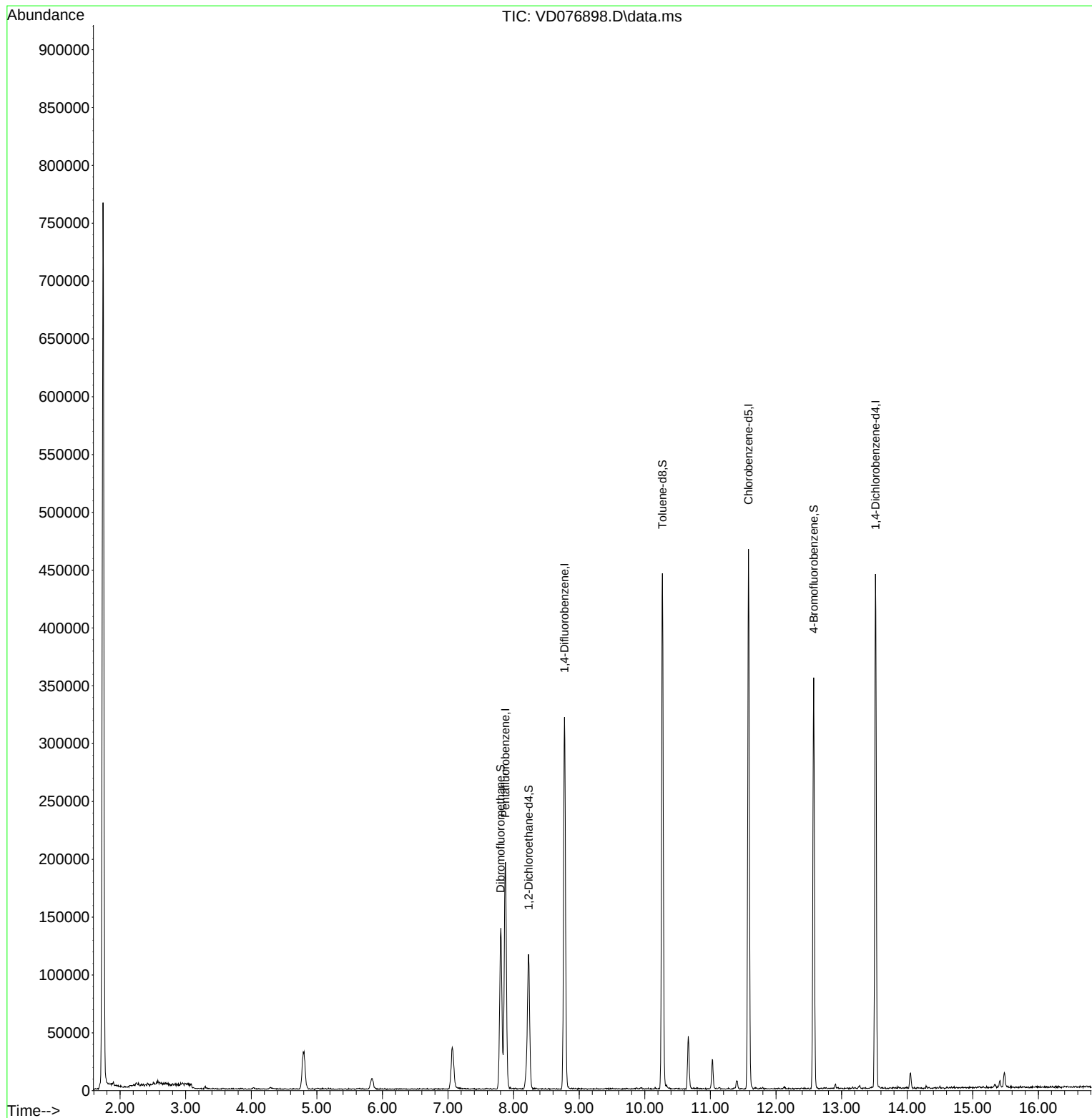
Target Compounds	Qvalue

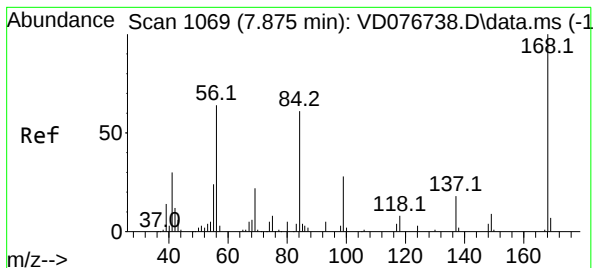
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076898.D

Acq: 02 Aug 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

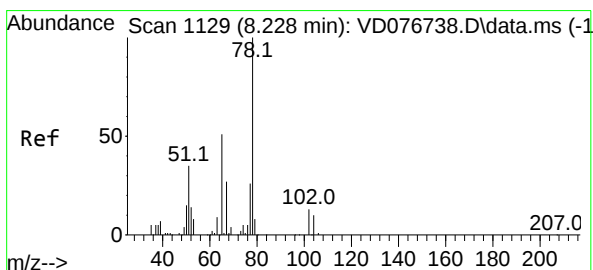
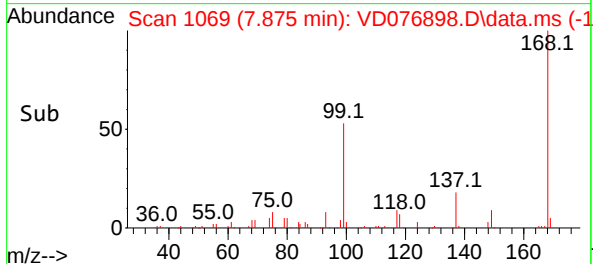
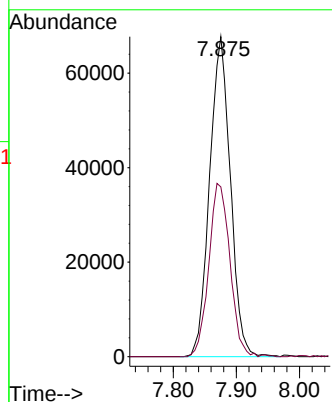
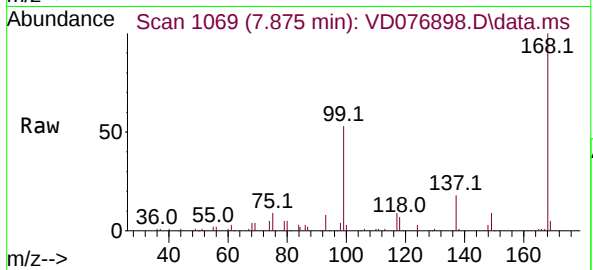
VD0802SBL01

Tgt Ion:168 Resp: 154697

Ion Ratio Lower Upper

168 100

99 53.1 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 54.967 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076898.D

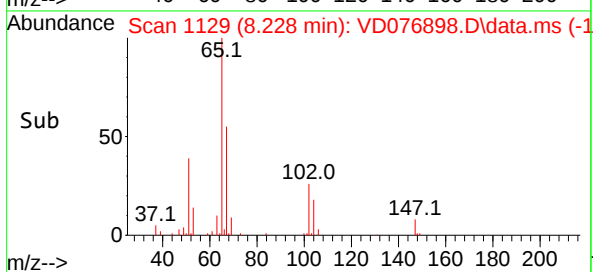
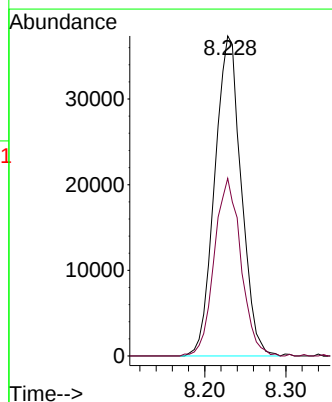
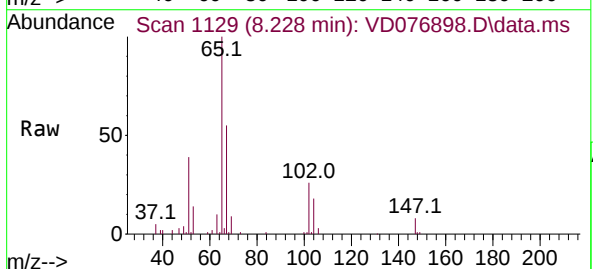
Acq: 02 Aug 2023 14:50

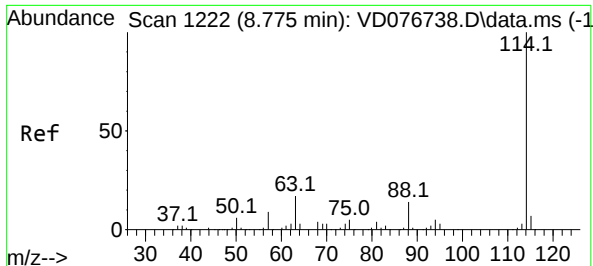
Tgt Ion: 65 Resp: 84695

Ion Ratio Lower Upper

65 100

67 55.9 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: VD076898.D

Acq: 02 Aug 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

VD0802SBL01

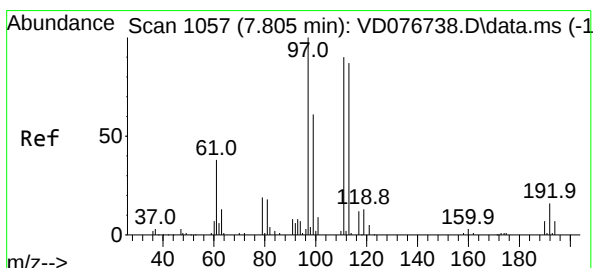
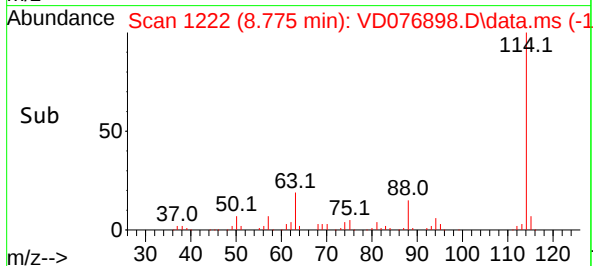
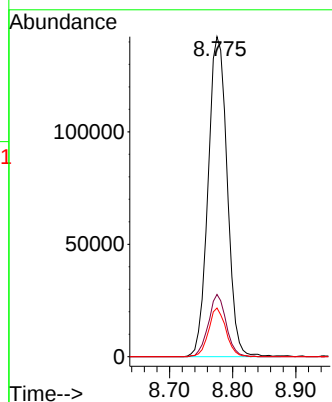
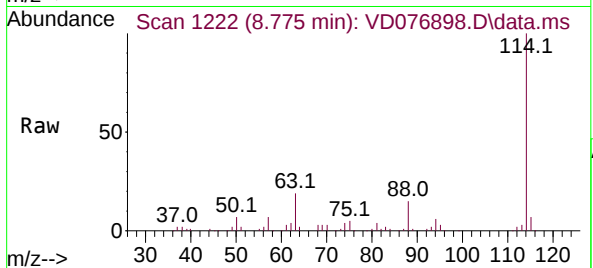
Tgt Ion:114 Resp: 298631

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 15.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.855 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076898.D

Acq: 02 Aug 2023 14:50

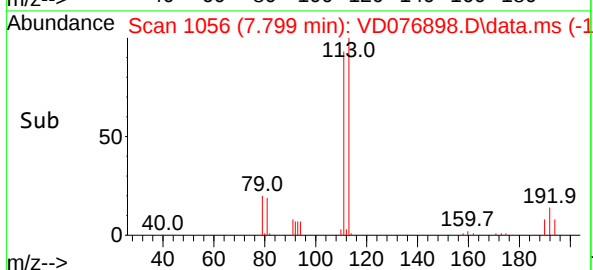
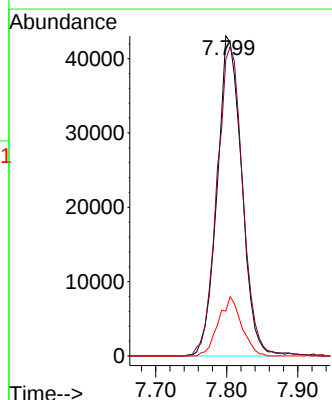
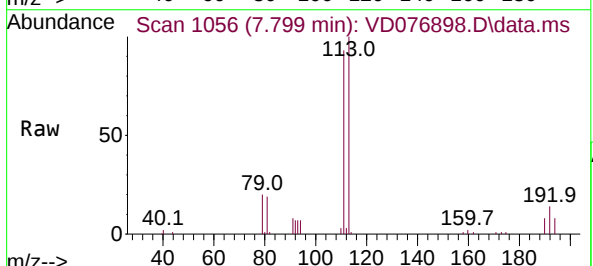
Tgt Ion:113 Resp: 102942

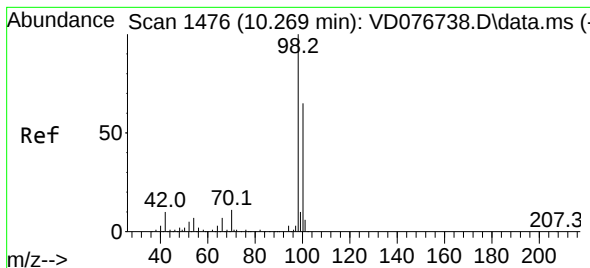
Ion Ratio Lower Upper

113 100

111 101.4 84.7 127.1

192 17.5 16.8 25.2

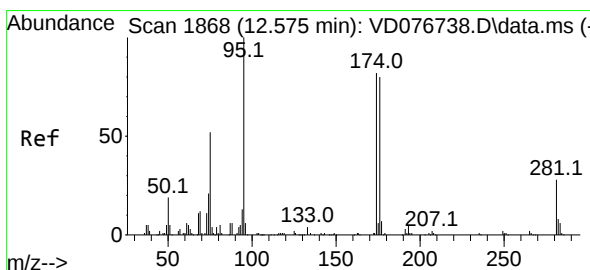
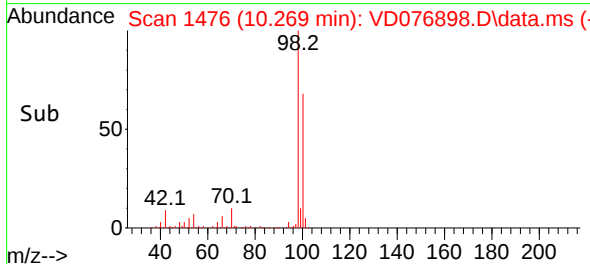
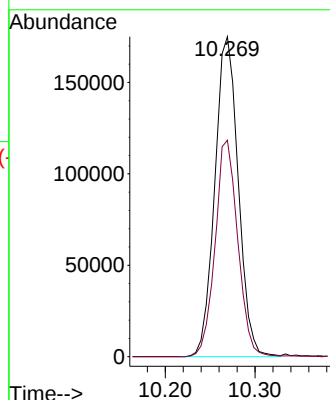
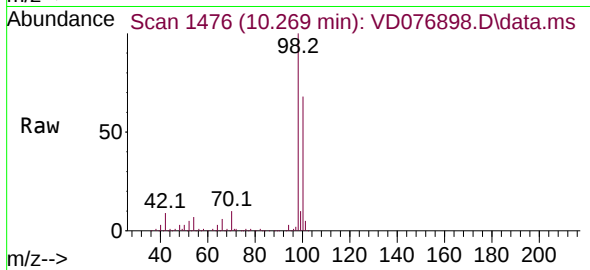




#50
Toluene-d8
Concen: 47.300 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

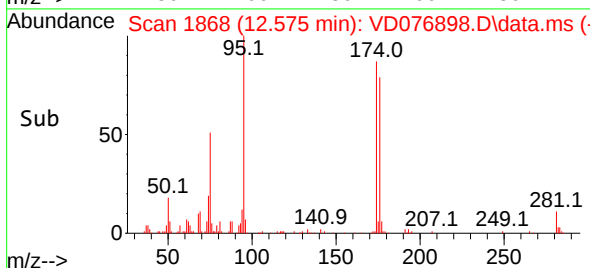
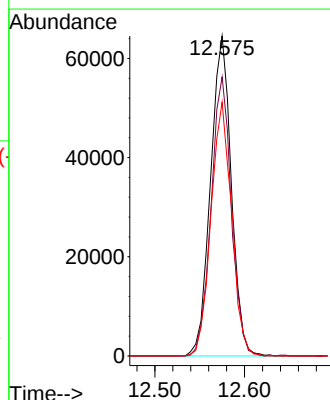
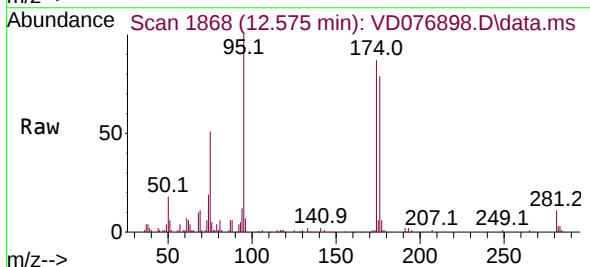
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

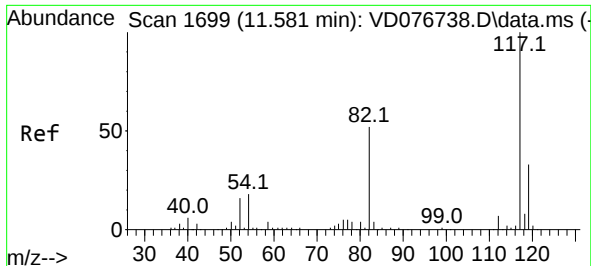
Tgt Ion: 98 Resp: 317541
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 95 Resp: 103404
Ion Ratio Lower Upper
95 100
174 85.3 0.0 201.8
176 78.8 0.0 191.8

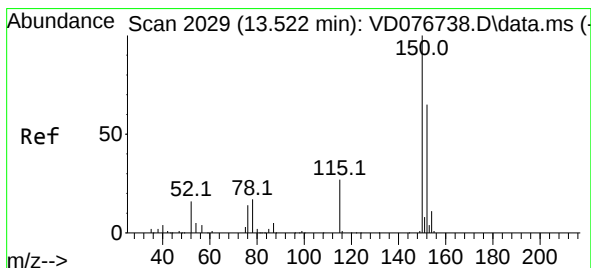
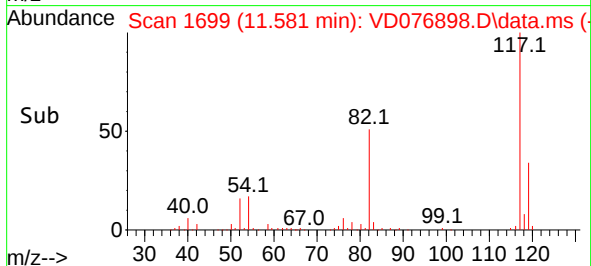
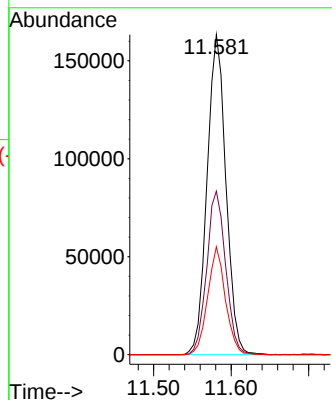
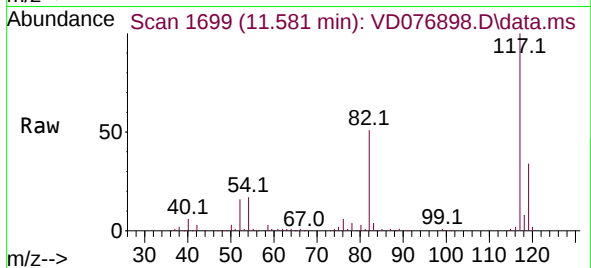




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

Tgt Ion:117 Resp: 275804
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 33.7 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: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion:152 Resp: 120124
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 155.9 0.0 353.6

