

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076908.D
 Acq On : 02 Aug 2023 19:59
 Operator : KP/SY
 Sample : 03877-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Aug 03 01:26:13 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	15546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	12846	82.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.920%#
35) Dibromofluoromethane	7.799	113	11684	58.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.500%
50) Toluene-d8	10.269	98	38186	53.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.575	95	12994	55.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.940%

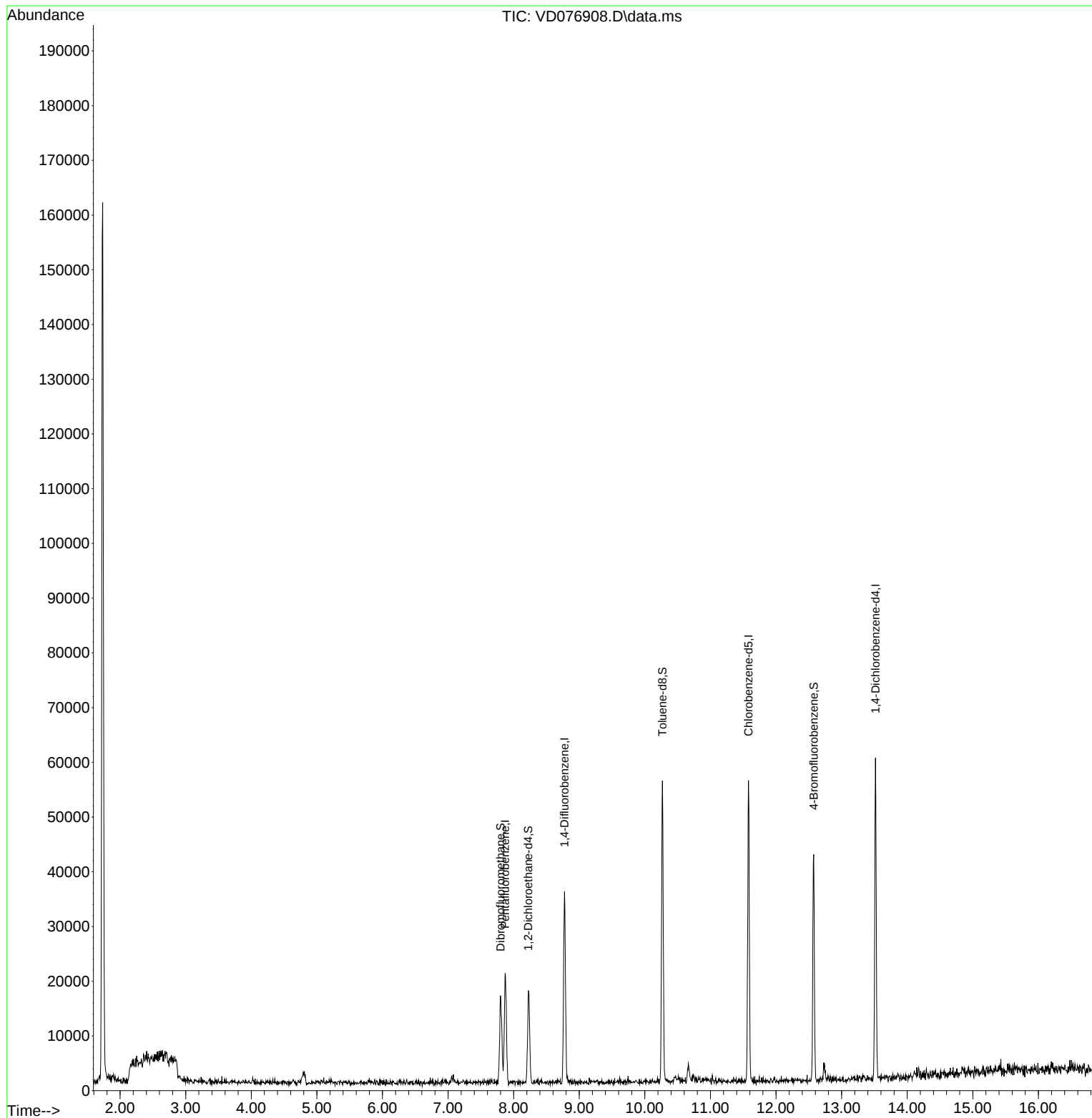
Target Compounds	Qvalue

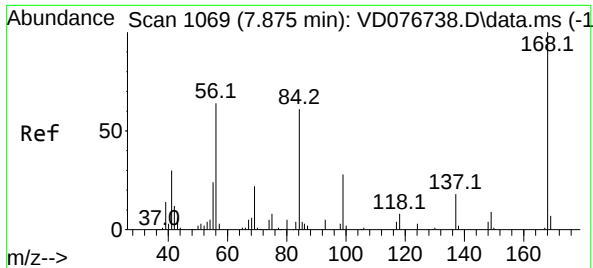
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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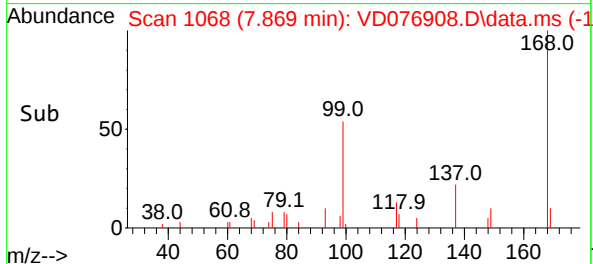
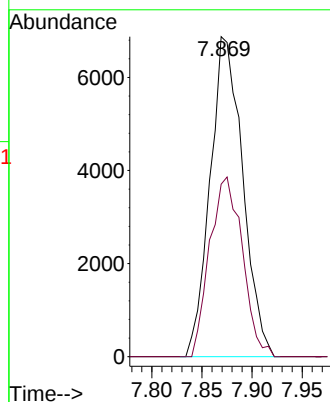
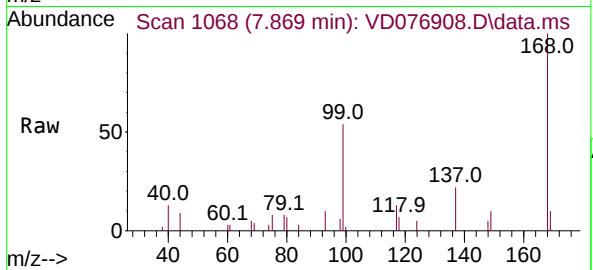




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

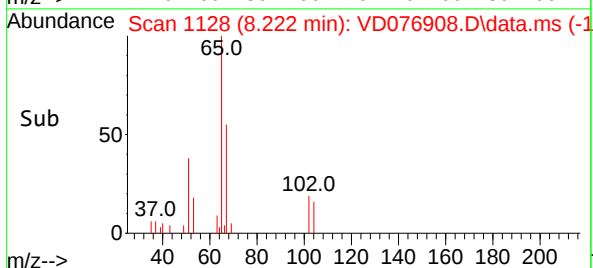
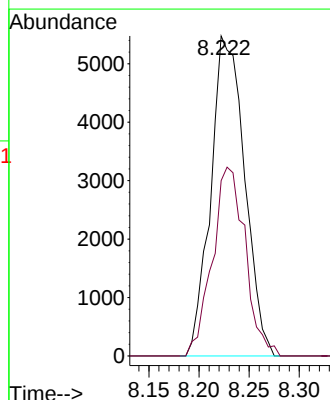
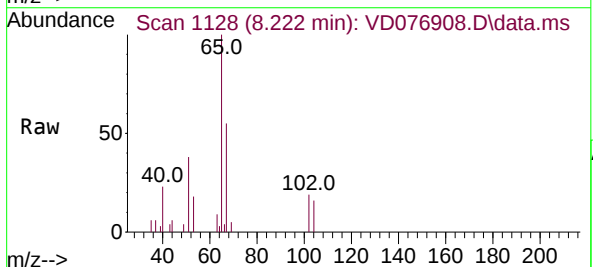
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

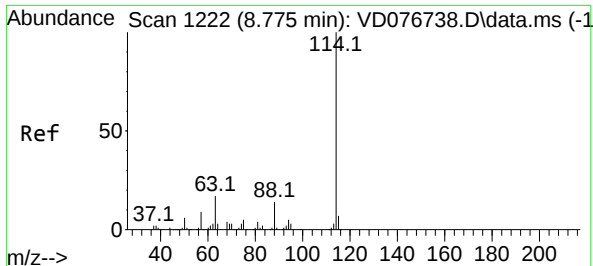
Tgt Ion:168 Resp: 15546
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 82.961 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 65 Resp: 12846
Ion Ratio Lower Upper
65 100
67 57.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

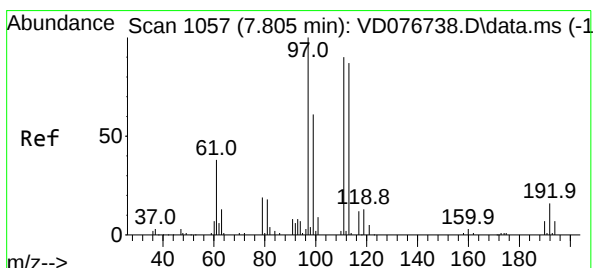
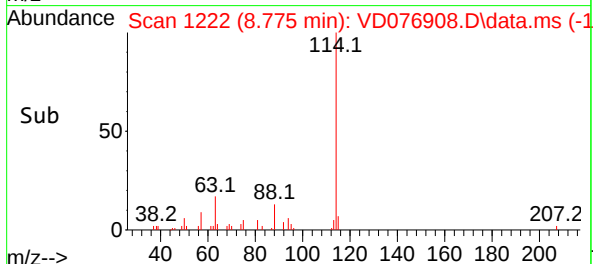
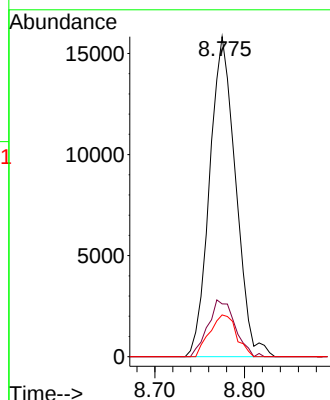
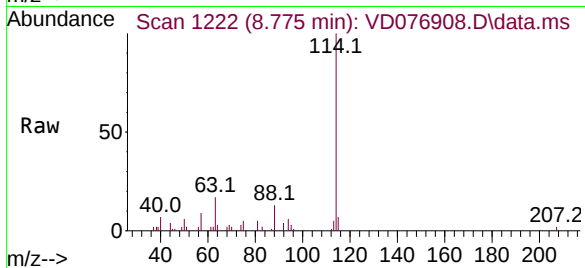
Instrument :

MSVOA_D

ClientSampleId :

COMP-3

Tgt Ion:114	Resp:	31921
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 33.4
88	13.0	0.0 26.2



#35

Dibromofluoromethane

Concen: 58.247 ug/l

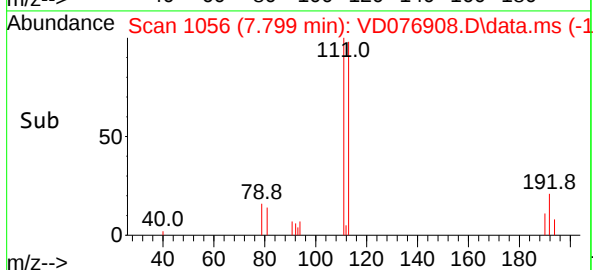
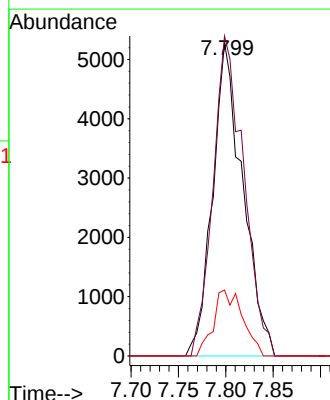
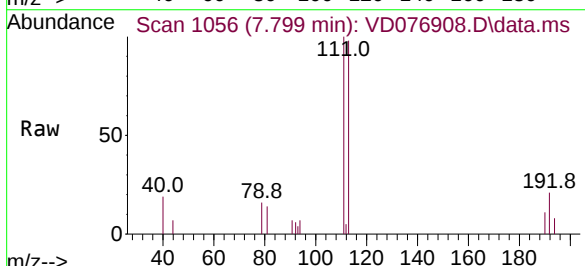
RT: 7.799 min Scan# 1056

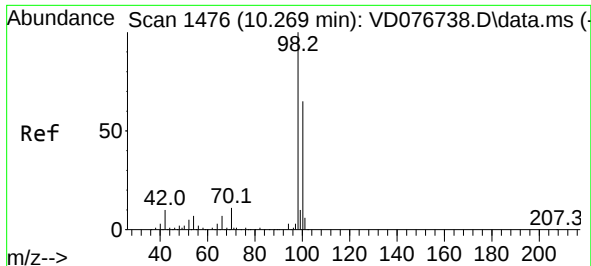
Delta R.T. -0.006 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

Tgt Ion:113	Resp:	11684
Ion	Ratio	Lower Upper
113	100	
111	104.1	84.7 127.1
192	20.4	16.8 25.2

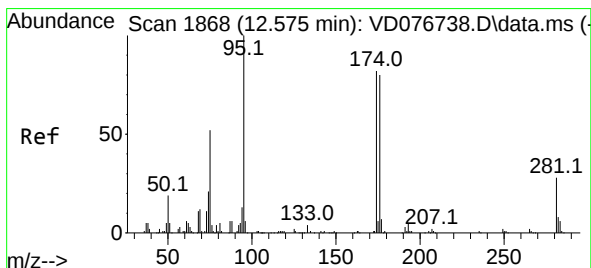
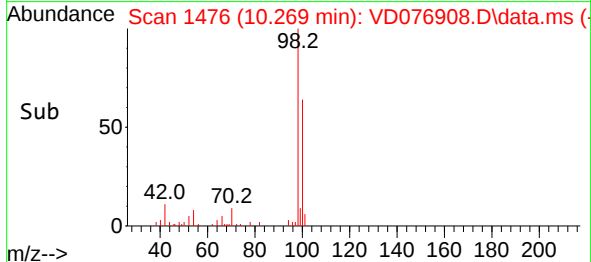
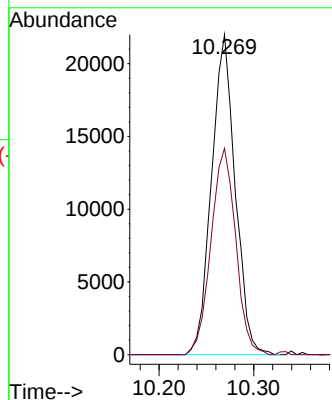
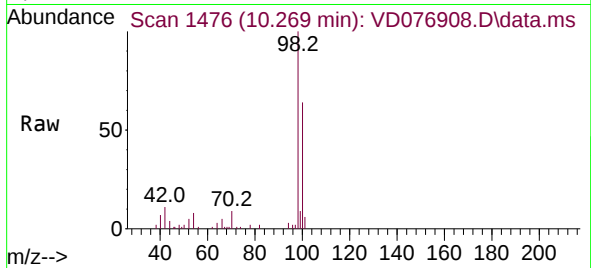




#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

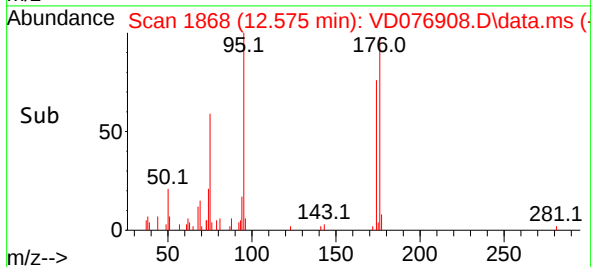
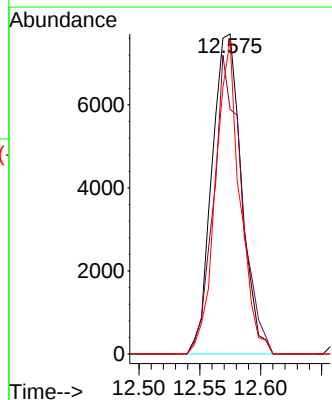
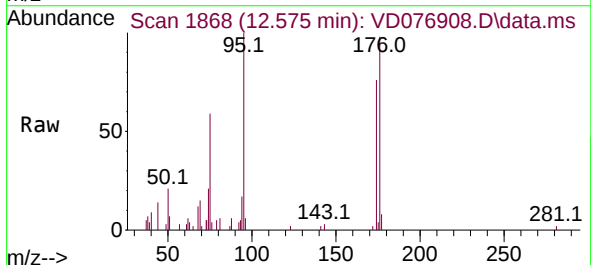
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

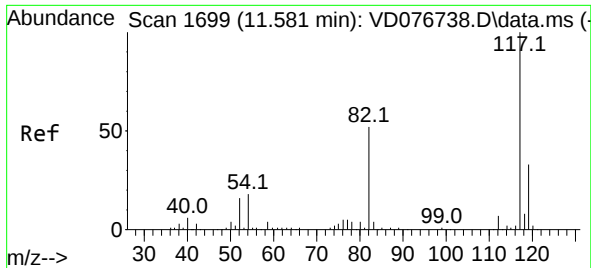
Tgt Ion: 98 Resp: 38186
Ion Ratio Lower Upper
98 100
100 67.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.974 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 95 Resp: 12994
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 81.4 0.0 191.8

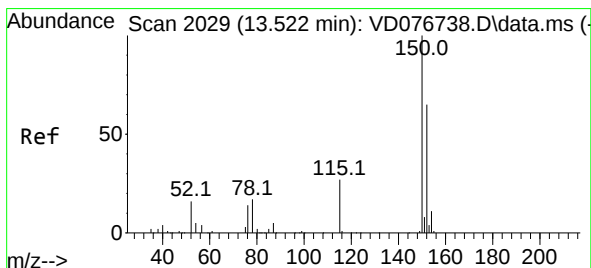
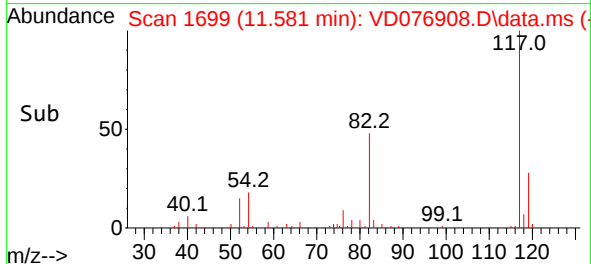
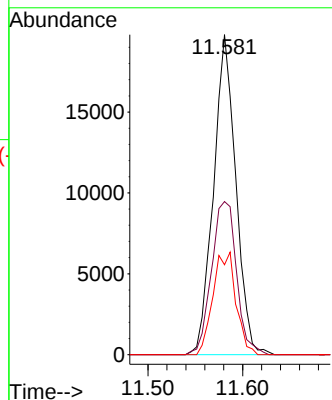
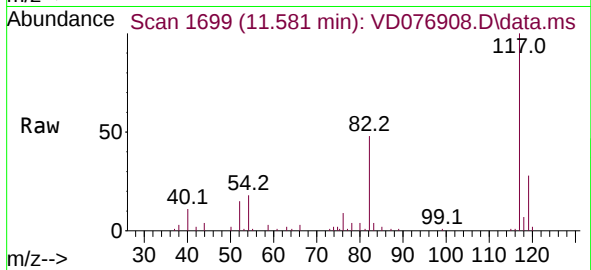




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 32349
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 28.1 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: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion:152 Resp: 15677
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.3
150 159.0 0.0 353.6

