

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076932.D
 Acq On : 07 Aug 2023 15:42
 Operator : KP/SY
 Sample : 03891-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 08 04:40:19 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	153334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85457	55.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.805	113	102759	52.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.269	98	382641	54.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.700%
62) 4-Bromofluorobenzene	12.575	95	110664	48.586	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.180%

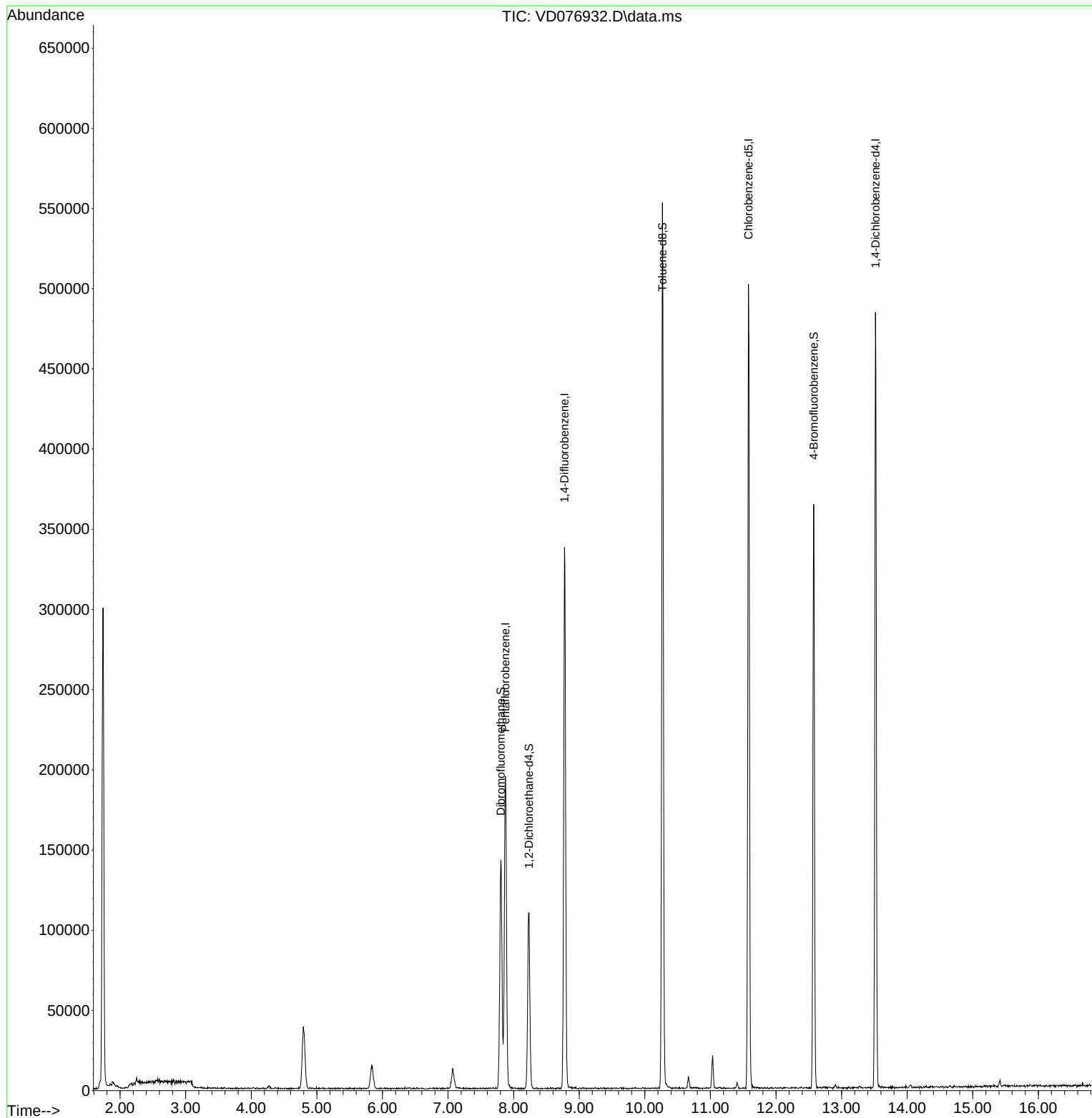
Target Compounds	Qvalue

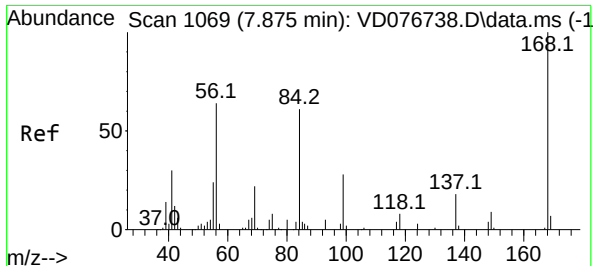
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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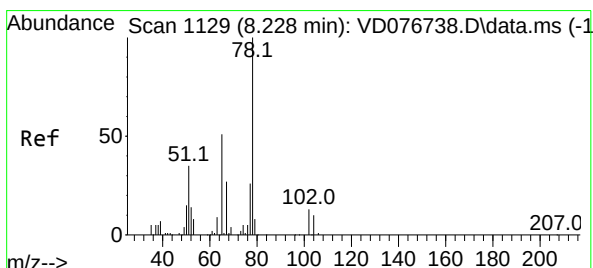
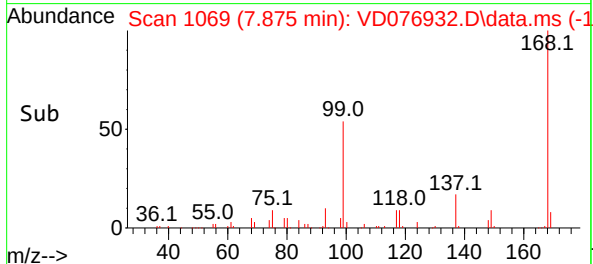
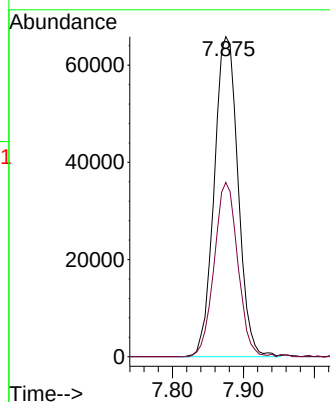
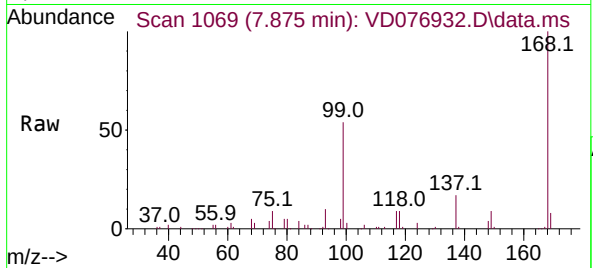




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

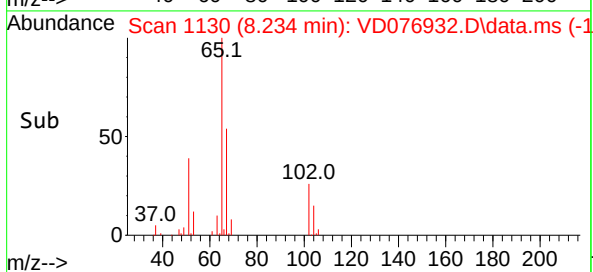
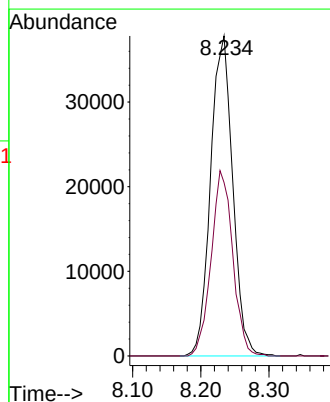
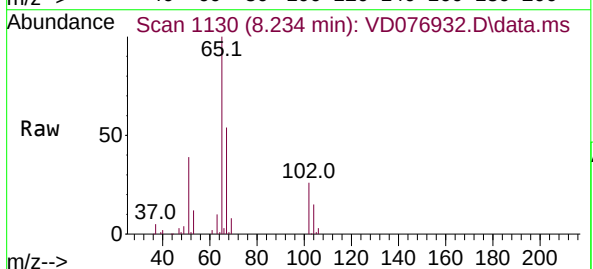
Instrument :
MSVOA_D
ClientSampleId :
TP-2

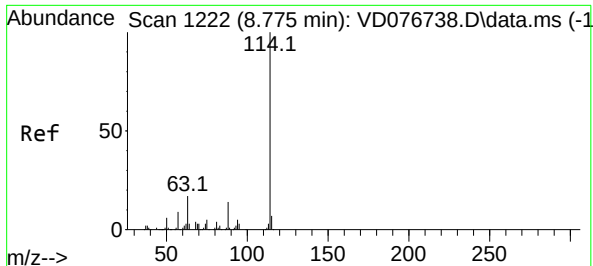
Tgt Ion:168 Resp: 153334
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.955 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 65 Resp: 85457
Ion Ratio Lower Upper
65 100
67 56.6 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: VD076932.D

Acq: 07 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

TP-2

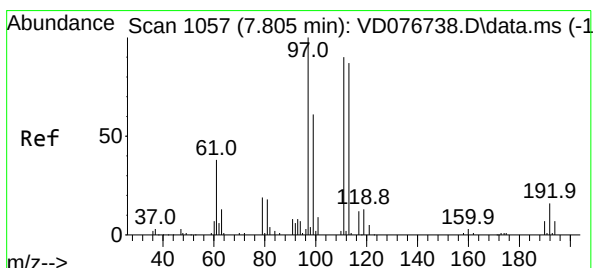
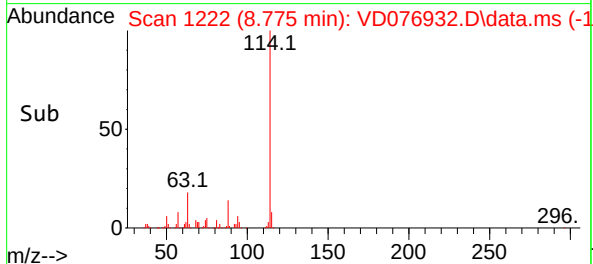
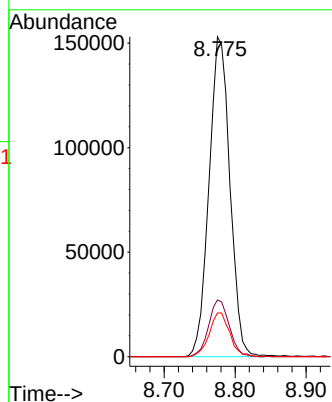
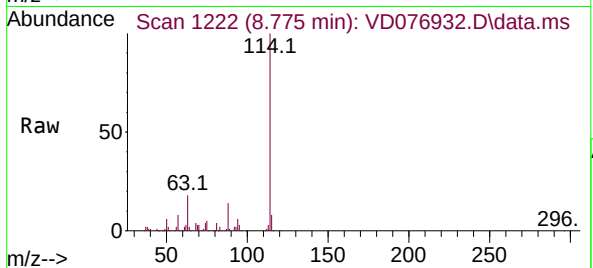
Tgt Ion:114 Resp: 313193

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.212 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076932.D

Acq: 07 Aug 2023 15:42

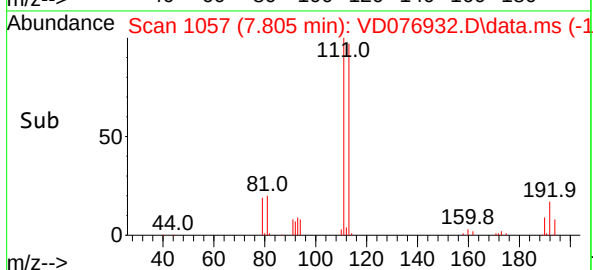
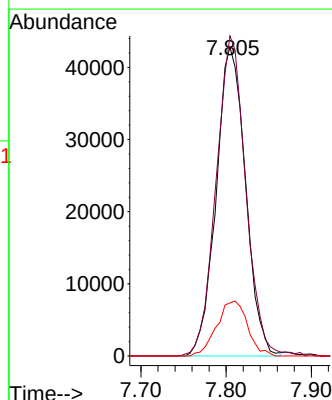
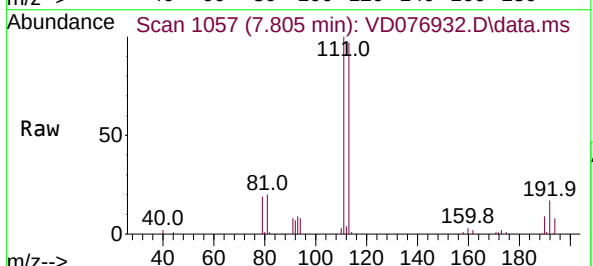
Tgt Ion:113 Resp: 102759

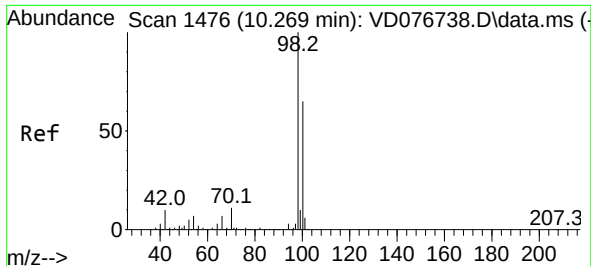
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 18.6 16.8 25.2

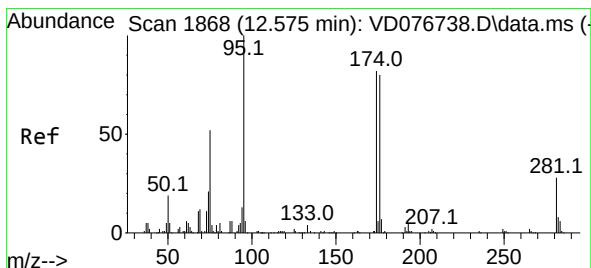
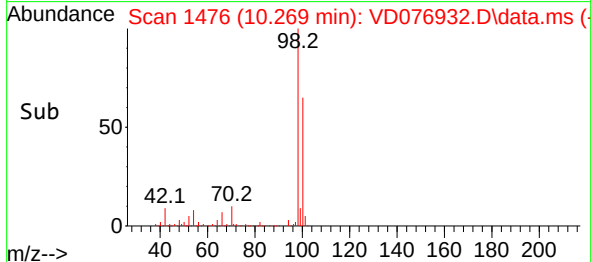
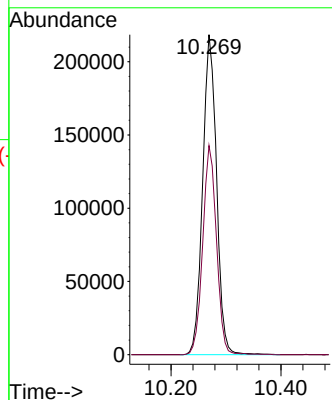
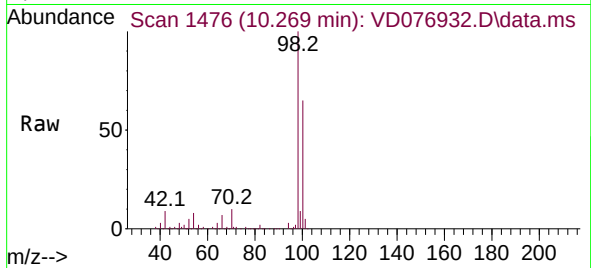




#50
Toluene-d8
Concen: 54.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

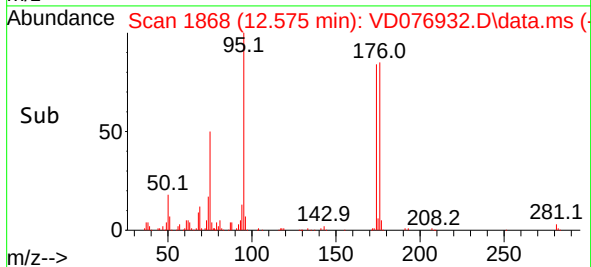
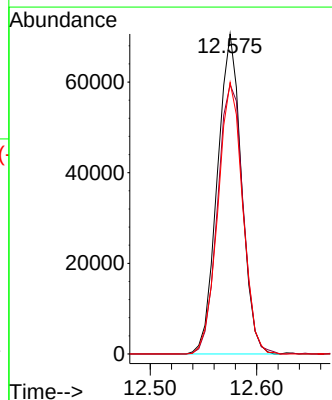
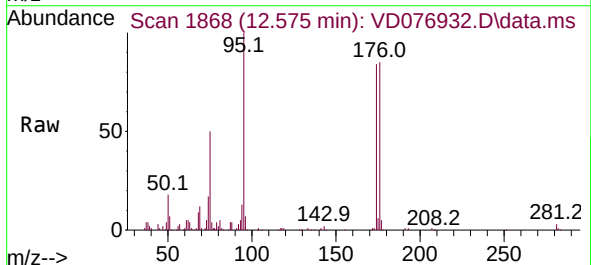
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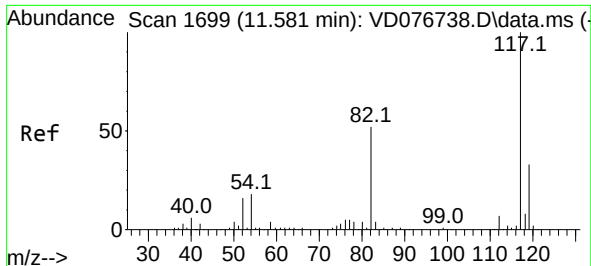
Tgt Ion: 98 Resp: 382641
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion: 95 Resp: 110664
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 87.0 0.0 191.8

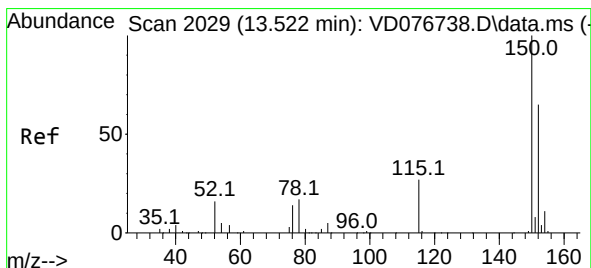
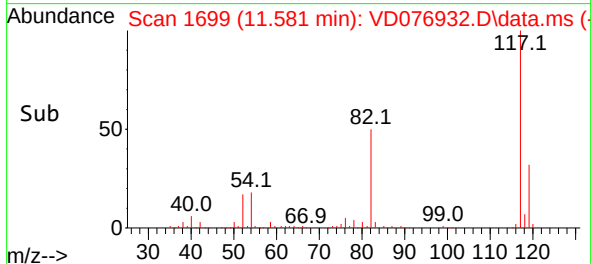
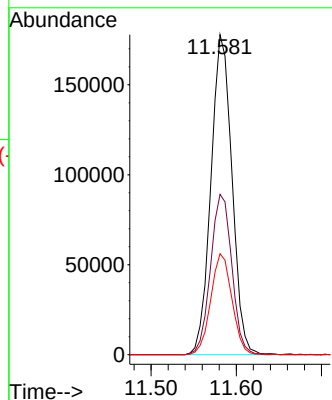
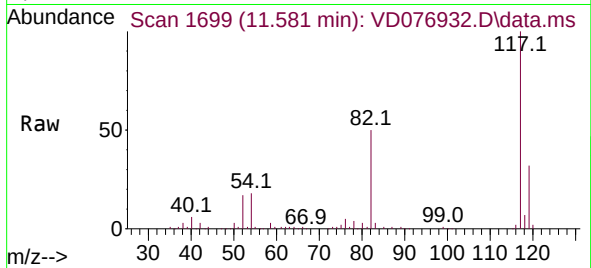




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076932.D
Acq: 07 Aug 2023 15:42

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 305259
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 31.6 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: VD076932.D
Acq: 07 Aug 2023 15:42

Tgt Ion:152 Resp: 130594
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 158.7 0.0 353.6

