

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076893.D
 Acq On : 01 Aug 2023 15:08
 Operator : KP/SY
 Sample : 03853-01
 Misc : 5.38G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34369-70-71

Quant Time: Aug 02 01:28:44 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	169704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93782	55.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.805	113	111210	52.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.269	98	422867	55.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.020%
62) 4-Bromofluorobenzene	12.575	95	120610	48.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.880%

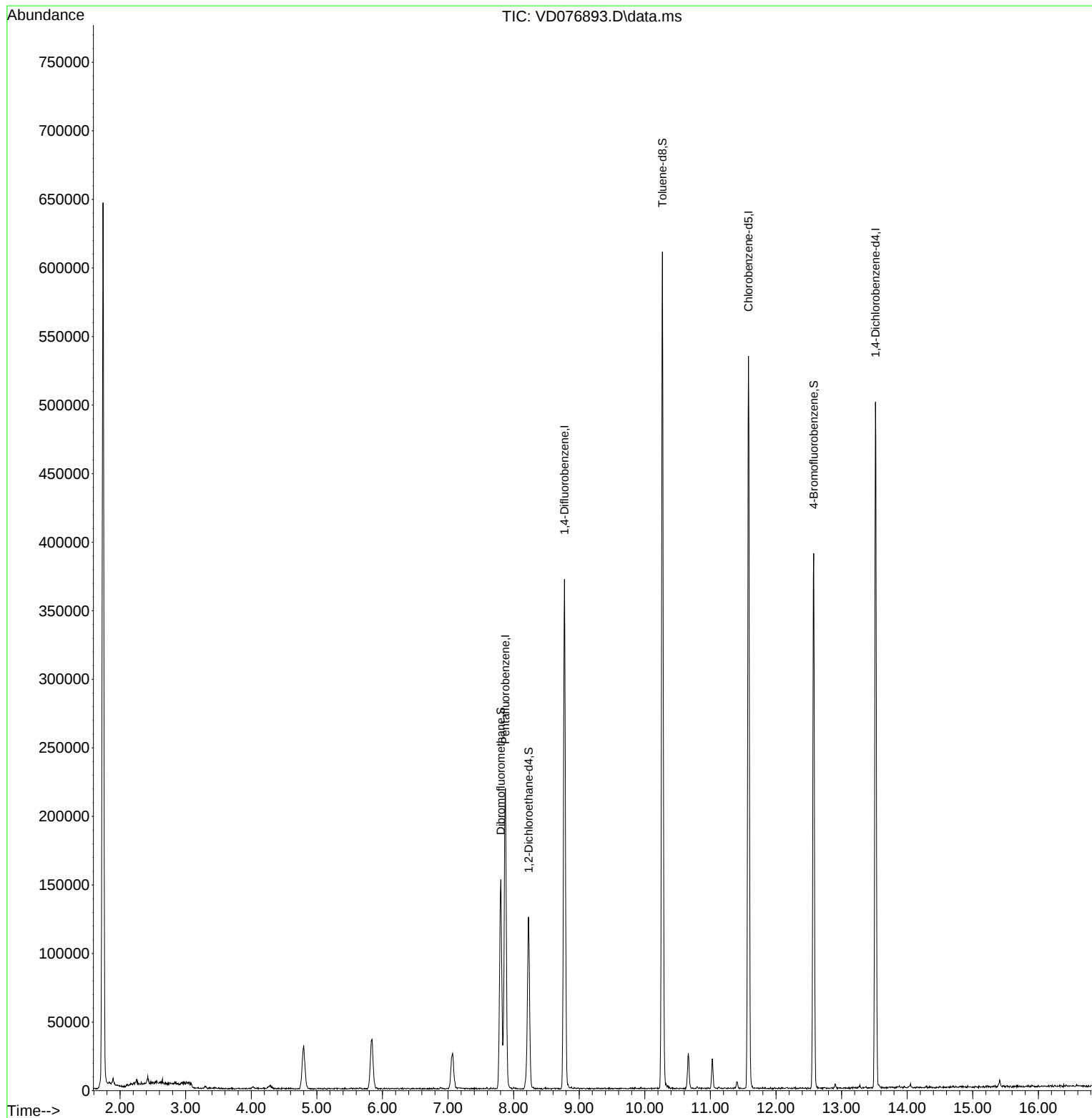
Target Compounds	Qvalue

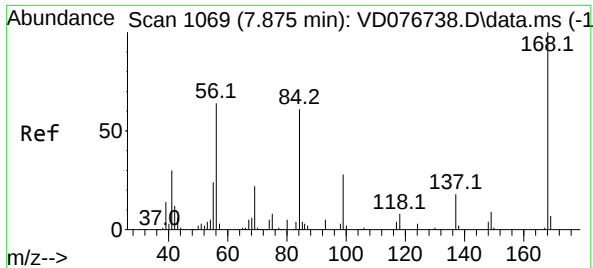
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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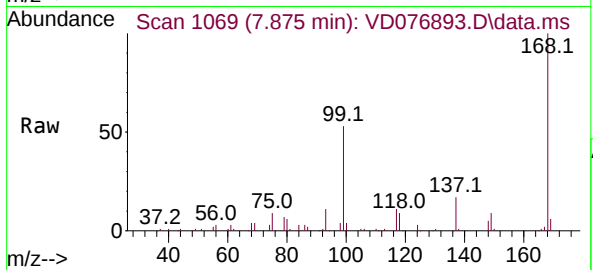
Quant Time: Aug 02 01:28:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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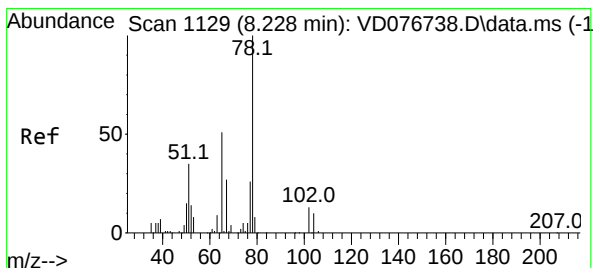
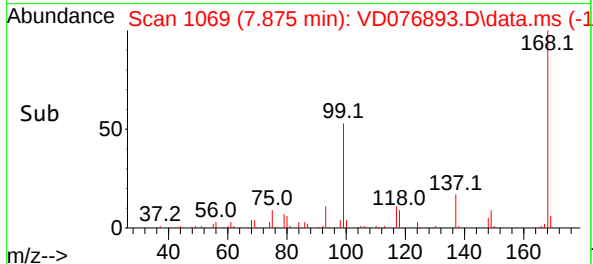
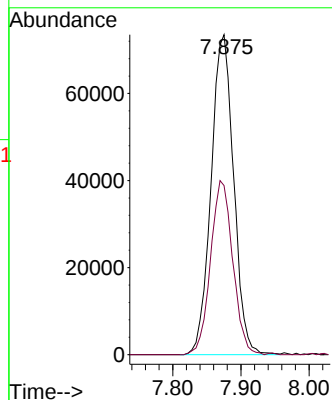


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

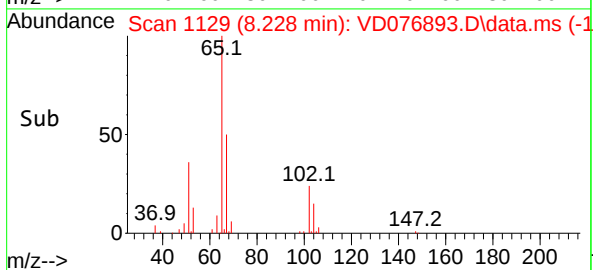
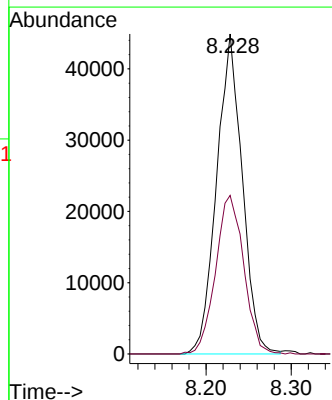
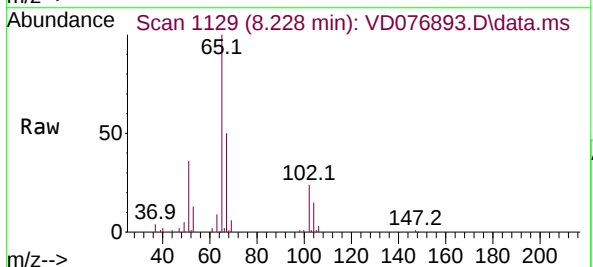


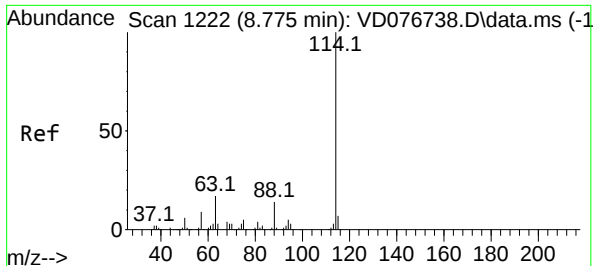
Tgt Ion:168 Resp: 169704
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.482 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion: 65 Resp: 93782
Ion Ratio Lower Upper
65 100
67 54.3 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: VD076893.D

Acq: 01 Aug 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

34369-70-71

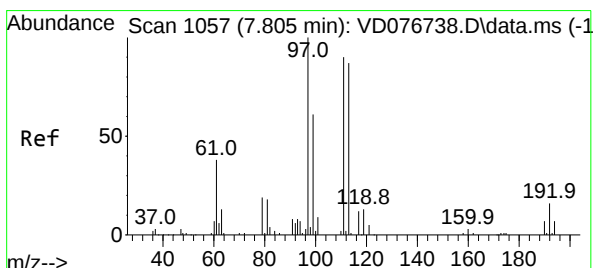
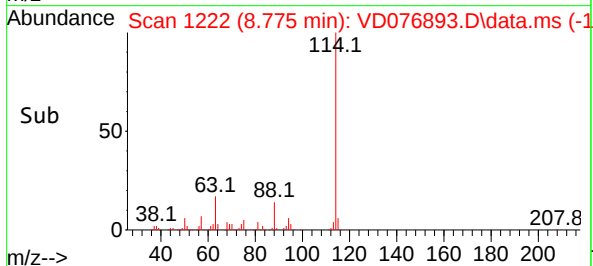
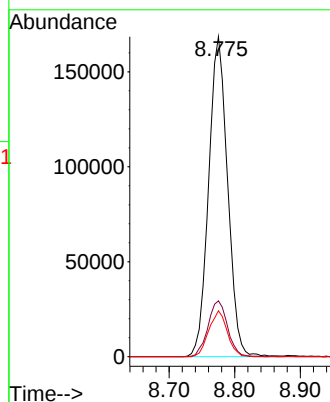
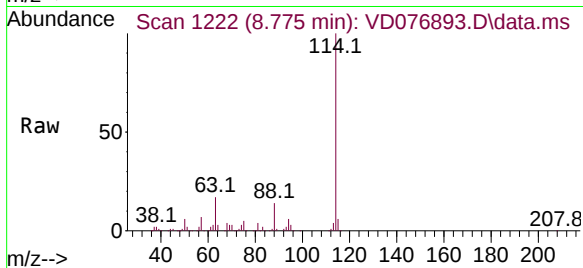
Tgt Ion:114 Resp: 338857

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.226 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076893.D

Acq: 01 Aug 2023 15:08

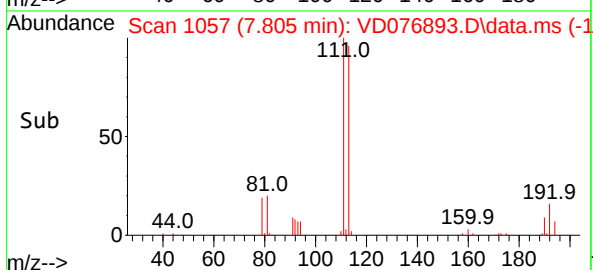
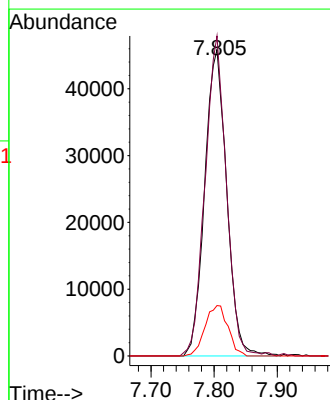
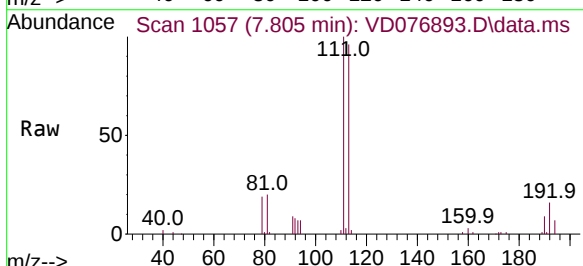
Tgt Ion:113 Resp: 111210

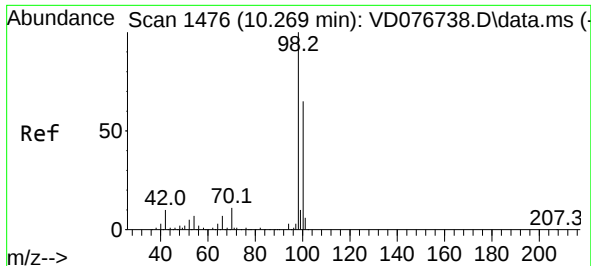
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 17.1 16.8 25.2

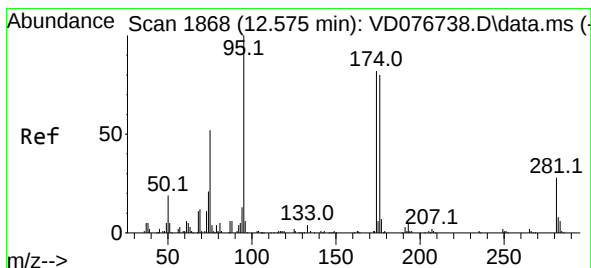
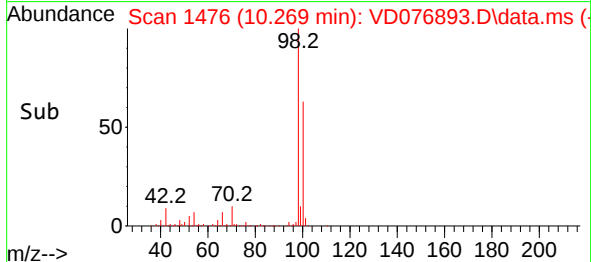
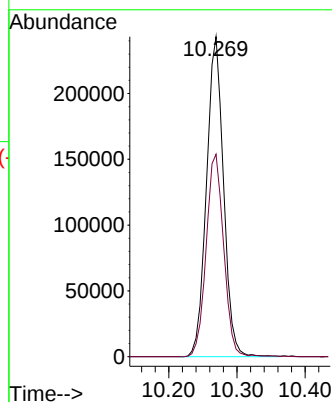
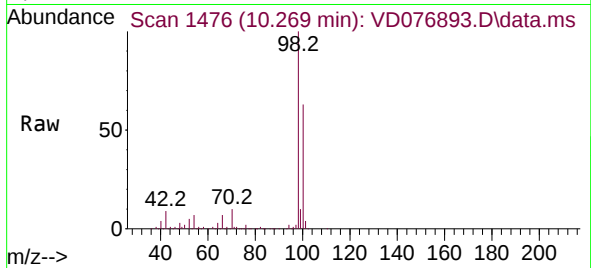




#50
Toluene-d8
Concen: 55.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

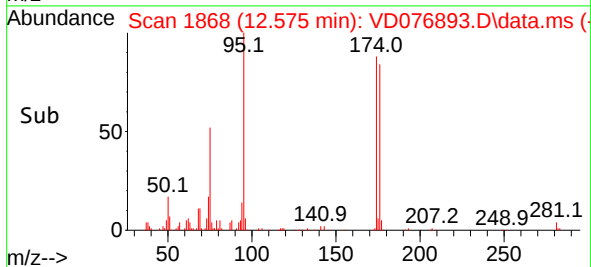
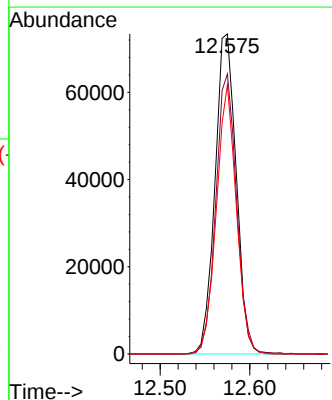
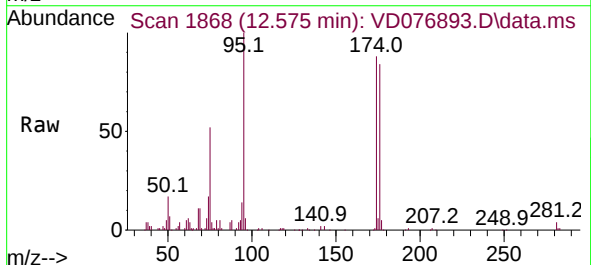
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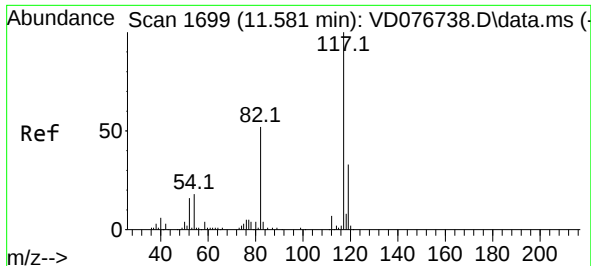
Tgt Ion: 98 Resp: 422867
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.942 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion: 95 Resp: 120610
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 79.0 0.0 191.8

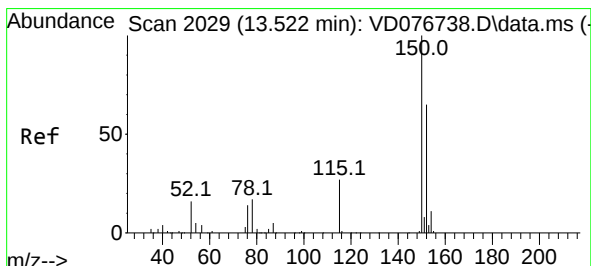
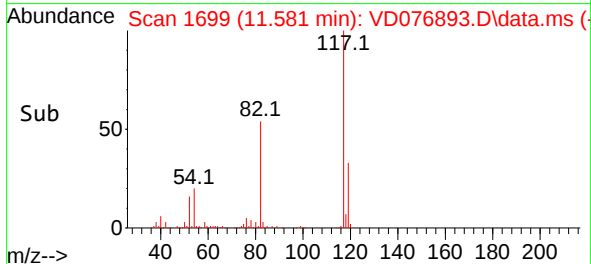
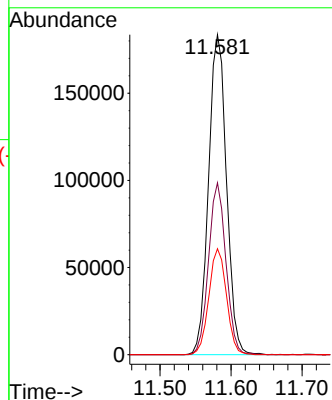
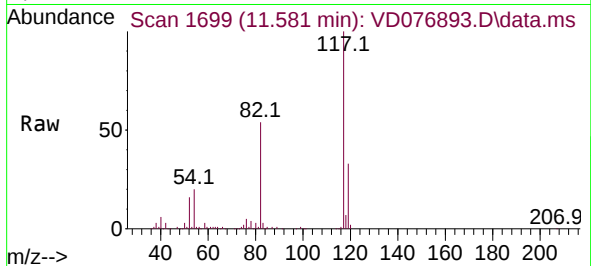




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

Tgt Ion:117 Resp: 321990
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 33.1 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: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion:152 Resp: 132080
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 162.3 0.0 353.6

