

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076935.D
 Acq On : 07 Aug 2023 17:03
 Operator : KP/SY
 Sample : 03917-02
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AB

Quant Time: Aug 08 04:40:44 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	9997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	19435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7833	78.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.340%	
35) Dibromofluoromethane	7.805	113	7504	61.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.880%	
50) Toluene-d8	10.269	98	23484	53.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.569	95	8143	57.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.220%	

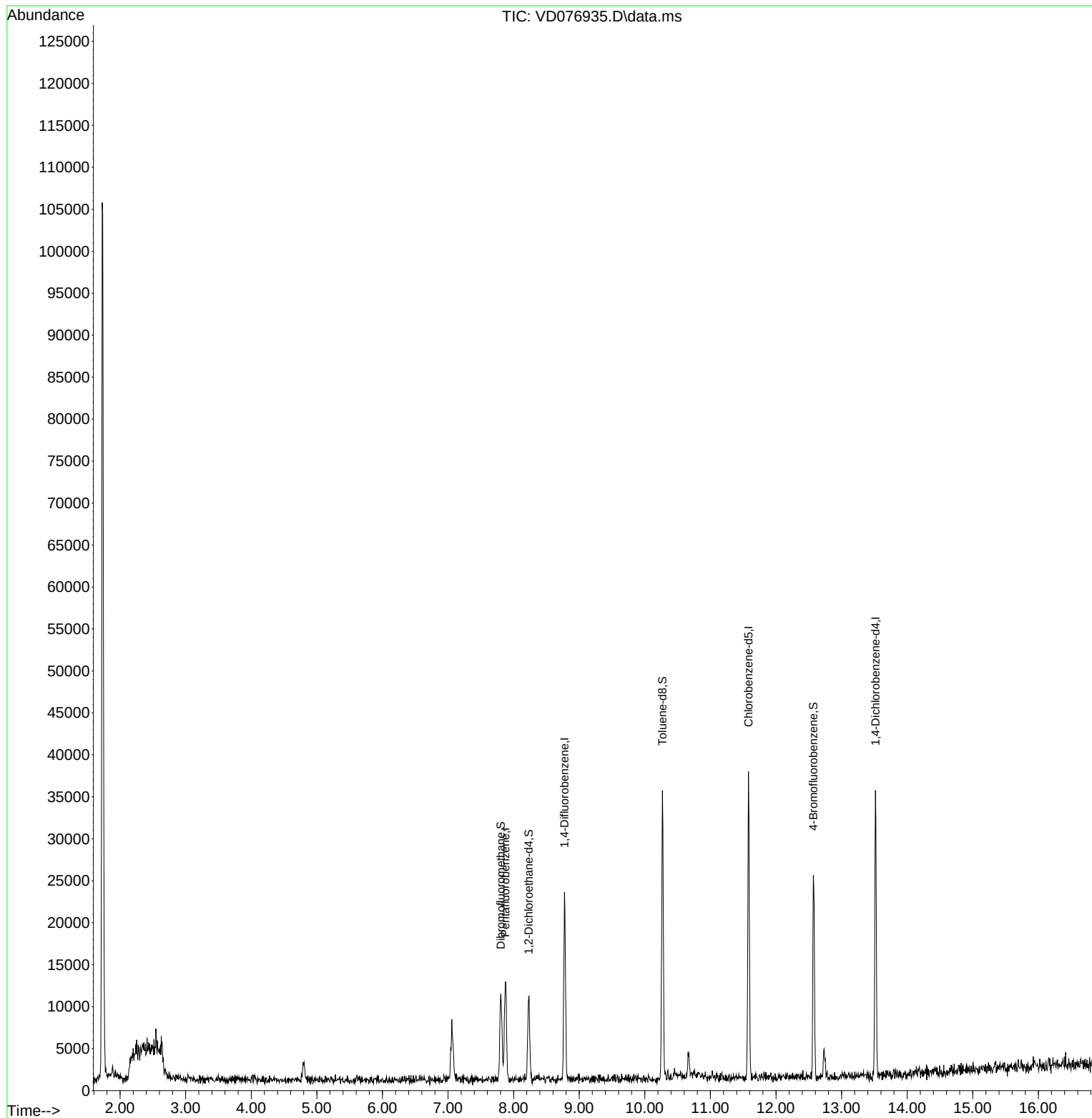
Target Compounds	Qvalue

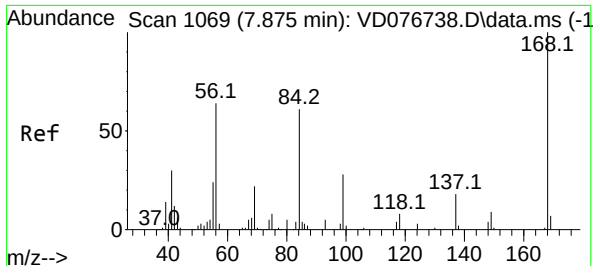
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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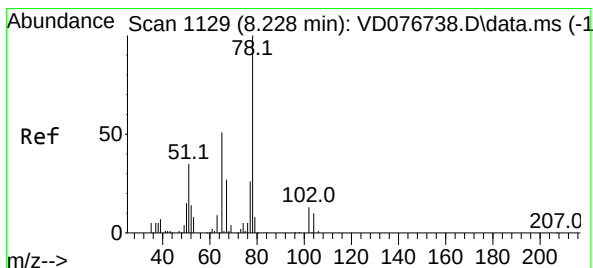
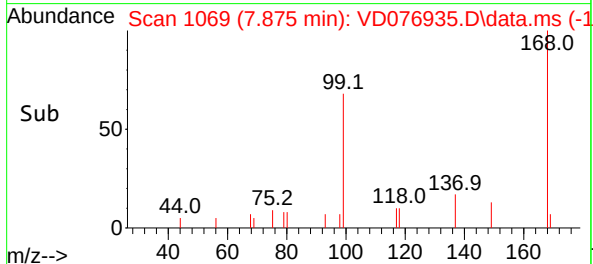
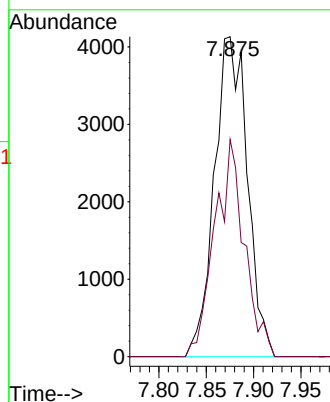
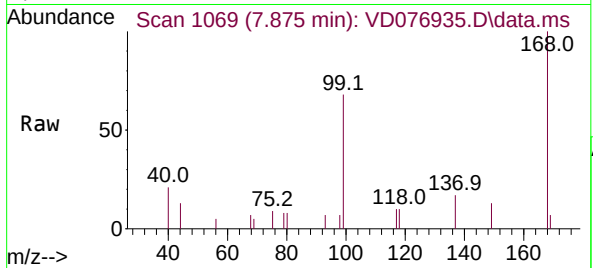




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

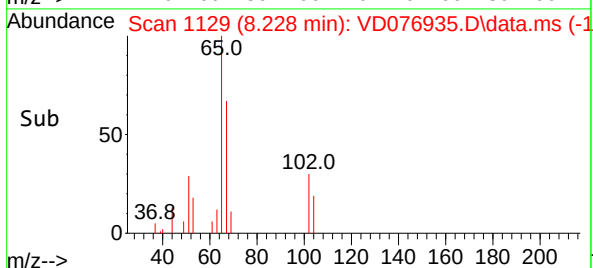
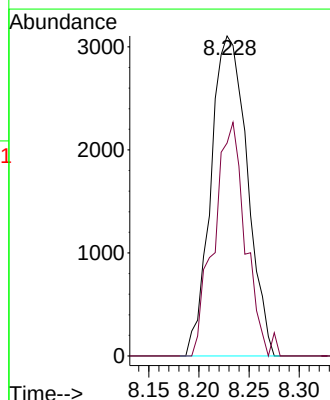
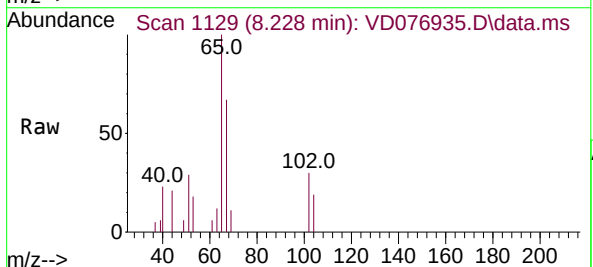
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

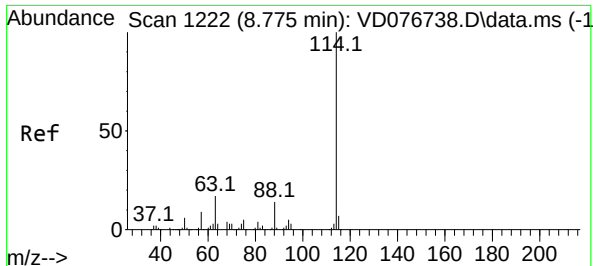
Tgt Ion:168 Resp: 9997
Ion Ratio Lower Upper
168 100
99 67.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 78.666 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 65 Resp: 7833
Ion Ratio Lower Upper
65 100
67 63.2 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: VD076935.D

Acq: 07 Aug 2023 17:03

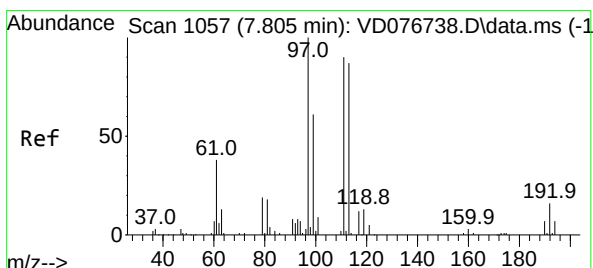
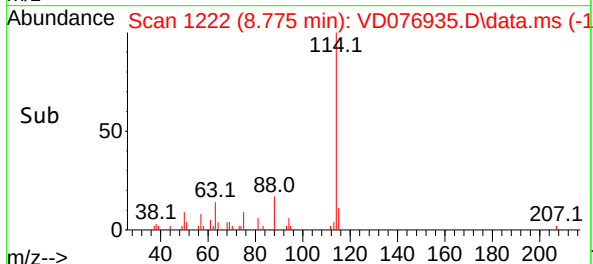
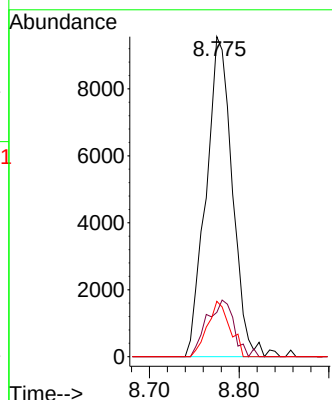
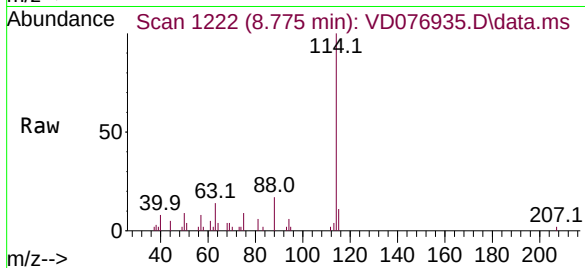
Instrument :

MSVOA_D

ClientSampleId :

B-PP04AB

Tgt Ion:114	Resp:	19435
Ion	Ratio	Lower Upper
114	100	
63	13.8	0.0 33.4
88	17.3	0.0 26.2



#35

Dibromofluoromethane

Concen: 61.442 ug/l

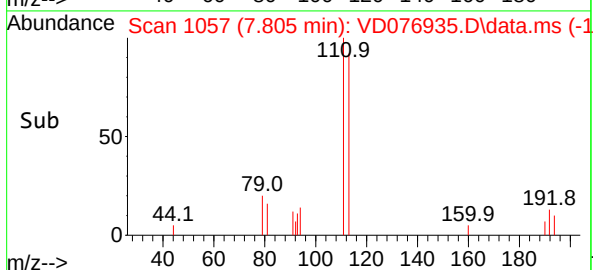
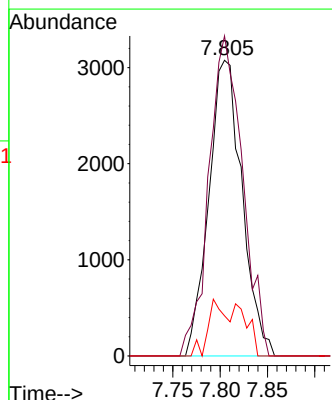
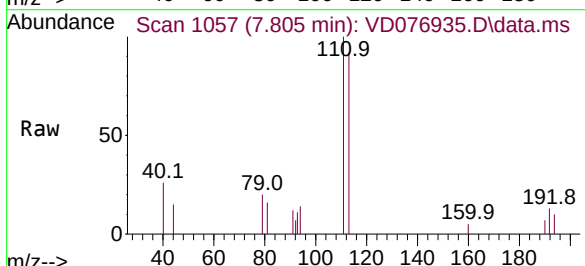
RT: 7.805 min Scan# 1057

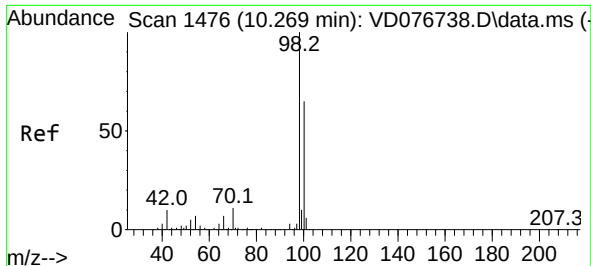
Delta R.T. -0.000 min

Lab File: VD076935.D

Acq: 07 Aug 2023 17:03

Tgt Ion:113	Resp:	7504
Ion	Ratio	Lower Upper
113	100	
111	109.5	84.7 127.1
192	10.8	16.8 25.2

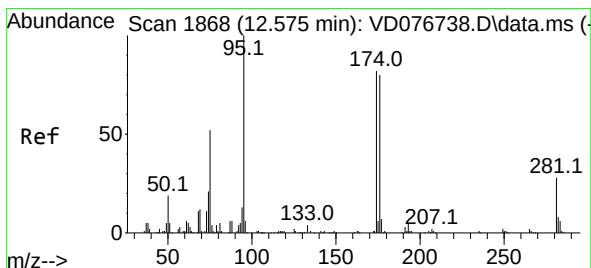
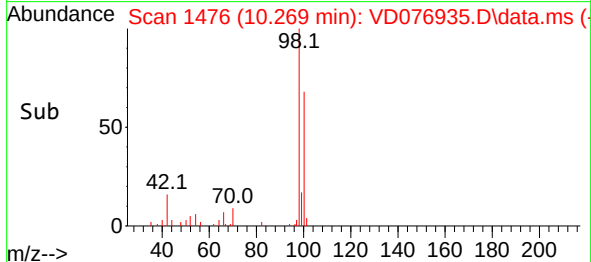
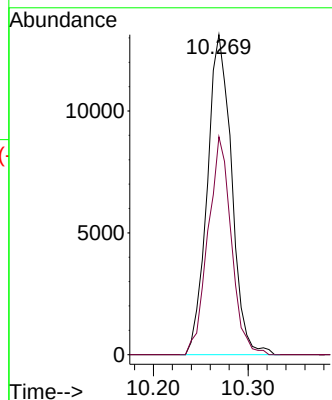
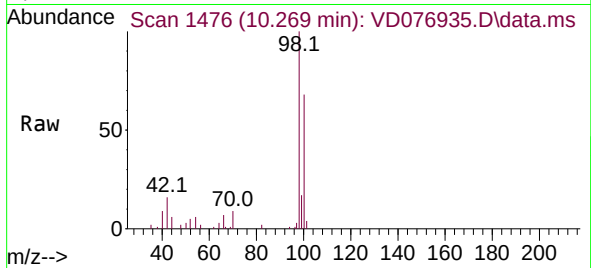




#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

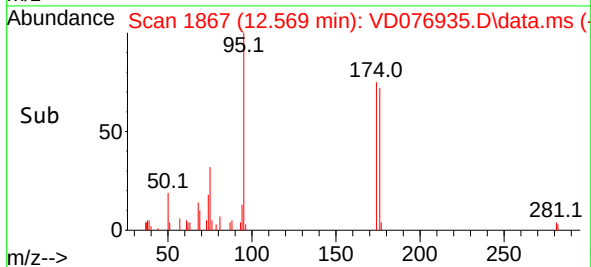
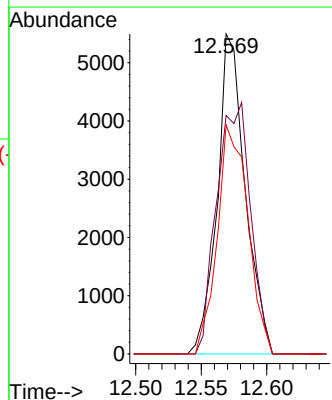
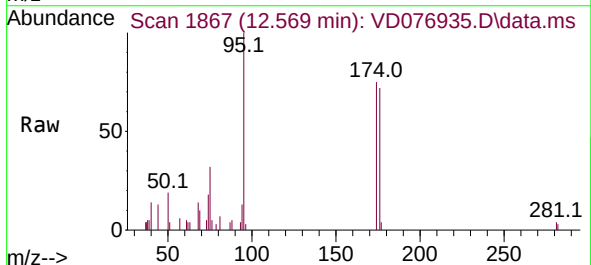
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AB

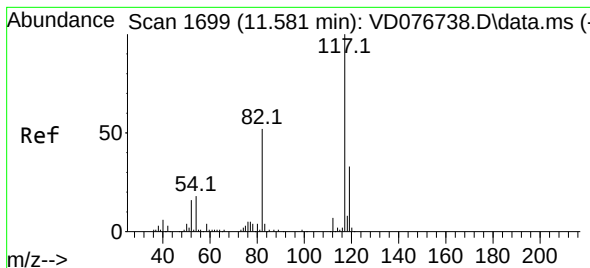
Tgt Ion: 98 Resp: 23484
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.613 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076935.D
Acq: 07 Aug 2023 17:03

Tgt Ion: 95 Resp: 8143
Ion Ratio Lower Upper
95 100
174 95.4 0.0 201.8
176 78.3 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: VD076935.D

Acq: 07 Aug 2023 17:03

Instrument :

MSVOA_D

ClientSampleId :

B-PP04AB

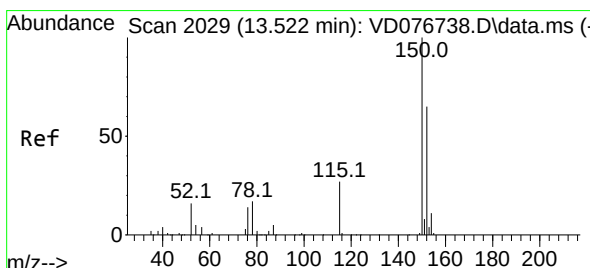
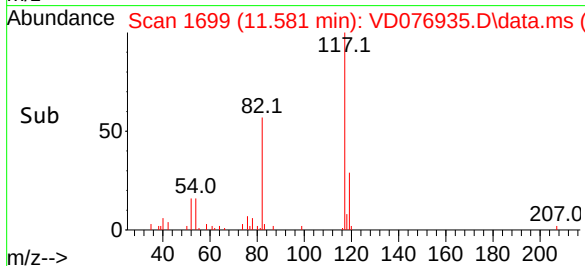
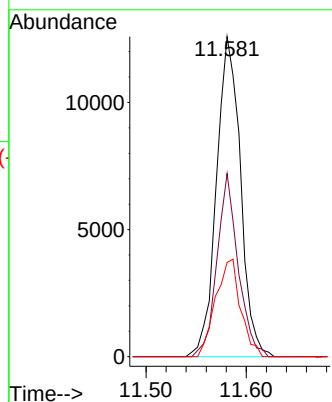
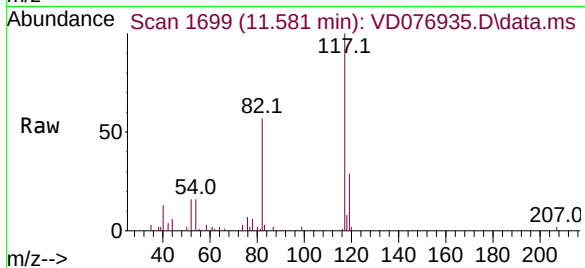
Tgt Ion:117 Resp: 20871

Ion Ratio Lower Upper

117 100

82 57.3 38.3 57.5

119 29.4 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: VD076935.D

Acq: 07 Aug 2023 17:03

Tgt Ion:152 Resp: 9681

Ion Ratio Lower Upper

152 100

115 59.4 27.1 81.3

150 150.1 0.0 353.6

