

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078911.D
 Acq On : 13 May 2024 13:38
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 14 06:29:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

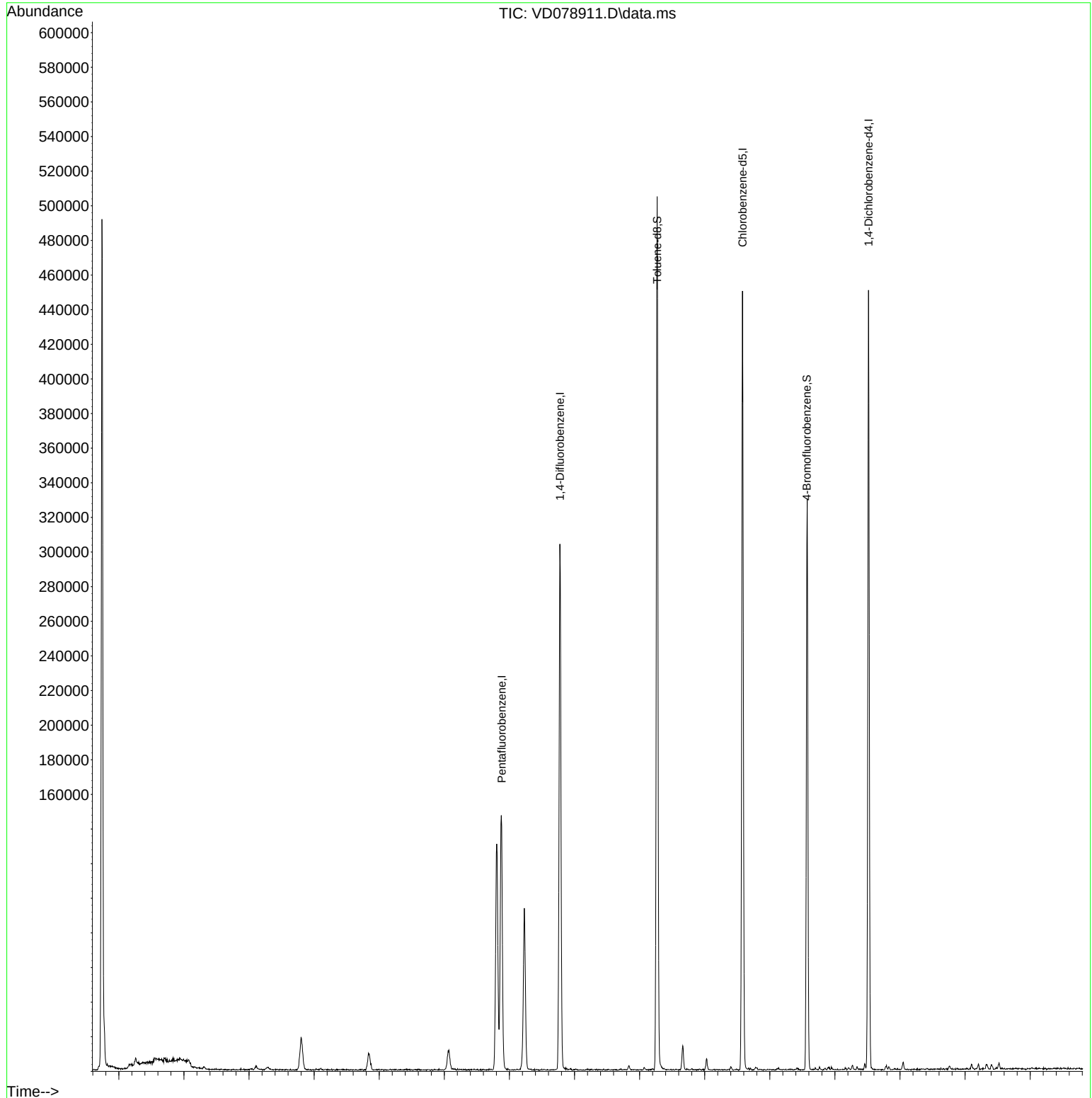
Internal Standards						
1) Pentafluorobenzene	7.881	168	123671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67468	58.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.320%
35) Dibromofluoromethane	7.805	113	95008	49.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.269	98	359032	50.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.569	95	96665	48.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.480%
Target Compounds						
20) Methylene Chloride	4.799	84	15981	5.682	ug/l	Qvalue # 89

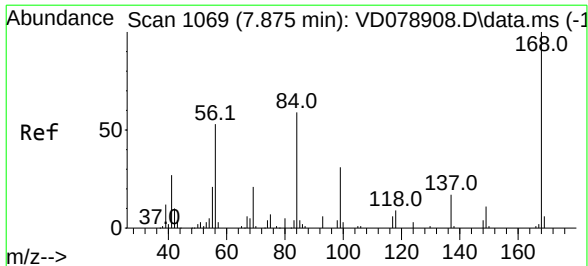
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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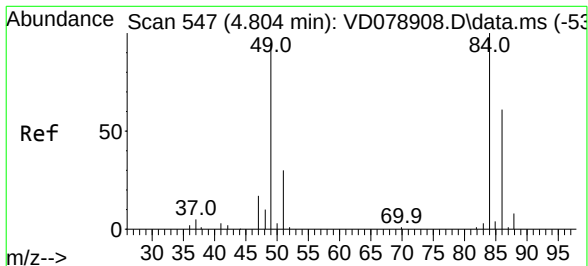
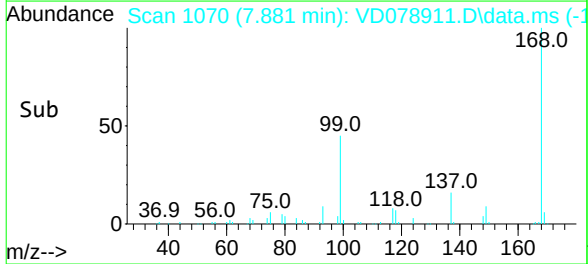
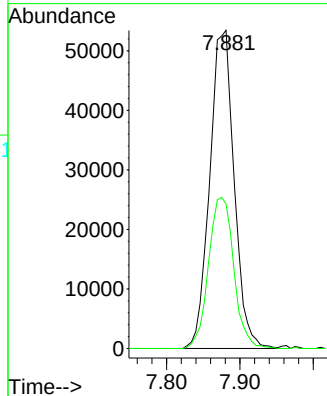
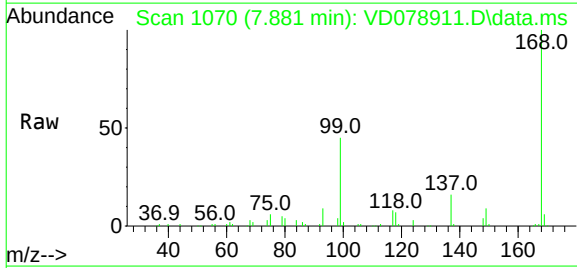




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078911.D
Acq: 13 May 2024 13:38

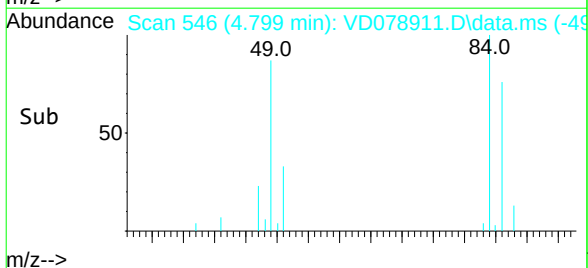
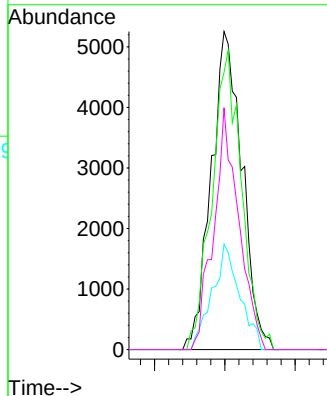
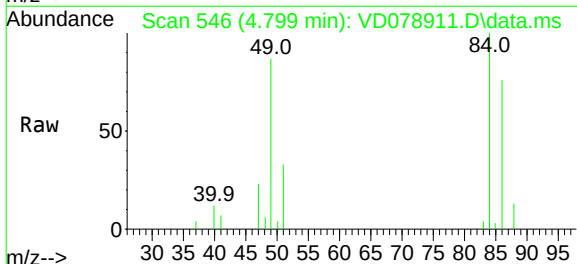
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

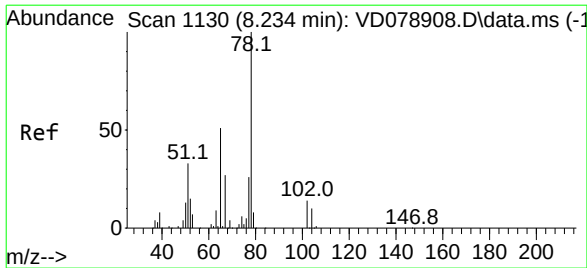
Tgt Ion:168 Resp: 123671
Ion Ratio Lower Upper
168 100
99 45.5 41.1 61.7



#20
Methylene Chloride
Concen: 5.682 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078911.D
Acq: 13 May 2024 13:38

Tgt Ion: 84 Resp: 15981
Ion Ratio Lower Upper
84 100
49 87.2 75.6 113.4
51 33.2 24.2 36.2
86 76.0 49.2 73.8#

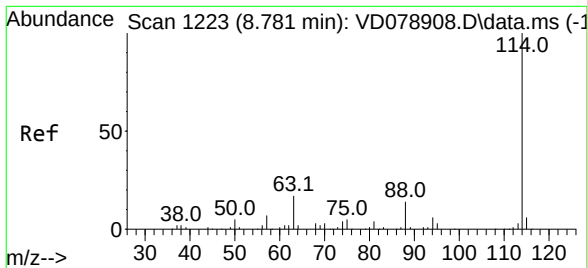
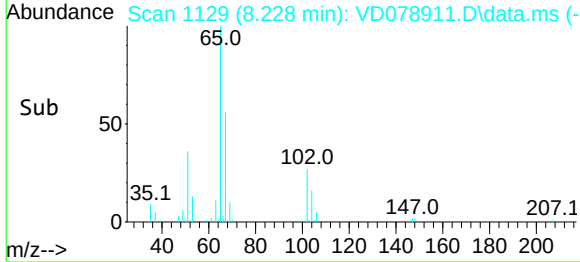
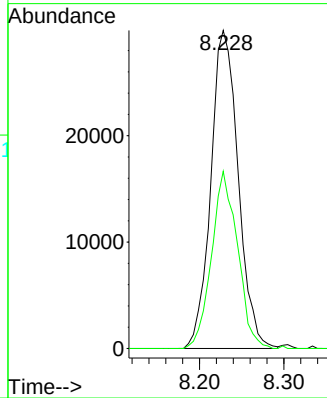
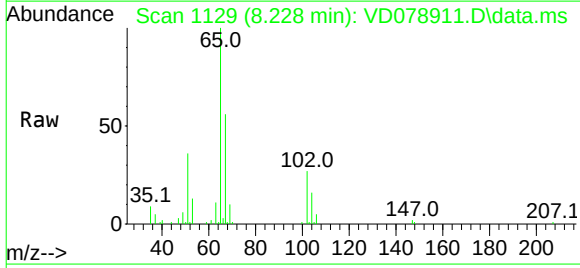




#33
1,2-Dichloroethane-d4
Concen: 58.160 ug/l
RT: 8.228 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078911.D
Acq: 13 May 2024 13:38

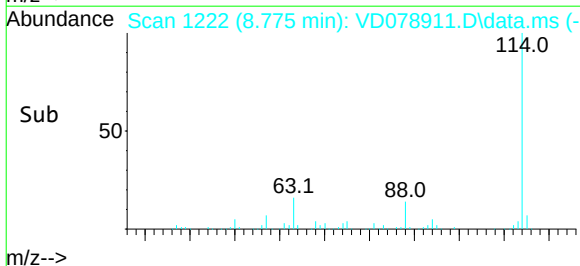
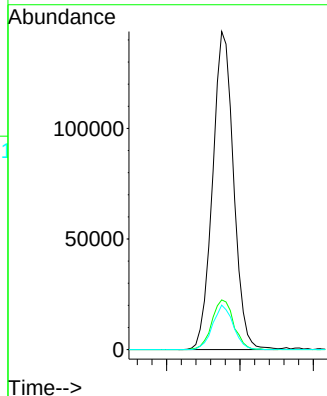
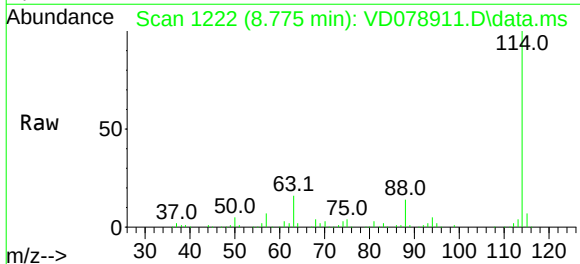
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

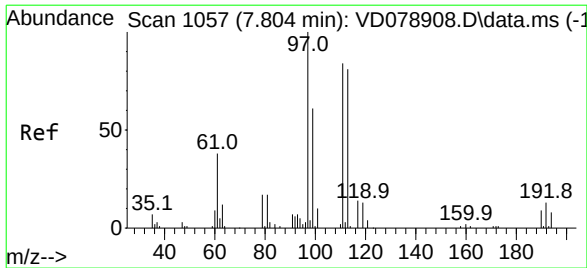
Tgt Ion: 65 Resp: 67468
Ion Ratio Lower Upper
65 100
67 52.8 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.005 min
Lab File: VD078911.D
Acq: 13 May 2024 13:38

Tgt Ion: 114 Resp: 285862
Ion Ratio Lower Upper
114 100
63 15.6 0.0 34.0
88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.928 ug/l

RT: 7.805 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD078911.D

Acq: 13 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

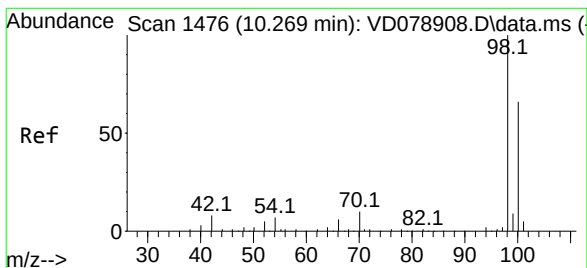
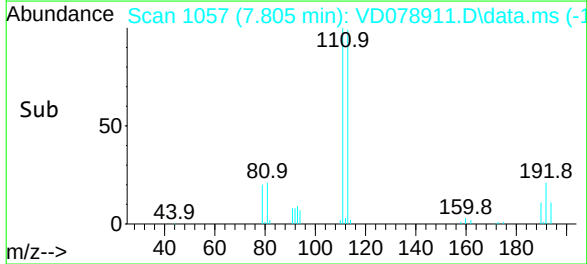
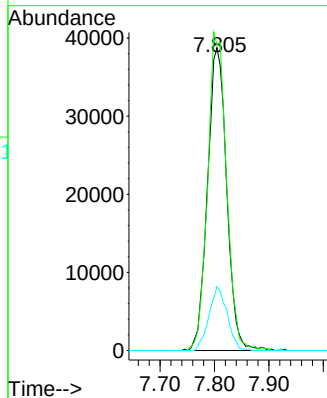
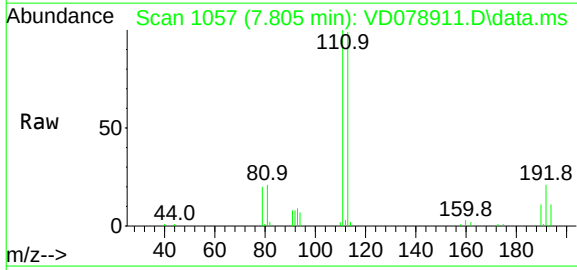
Tgt Ion:113 Resp: 95008

Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 20.0 15.4 23.0



#50

Toluene-d8

Concen: 50.330 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078911.D

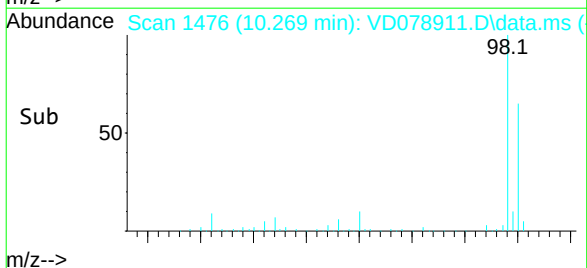
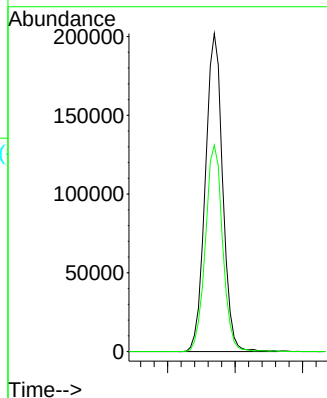
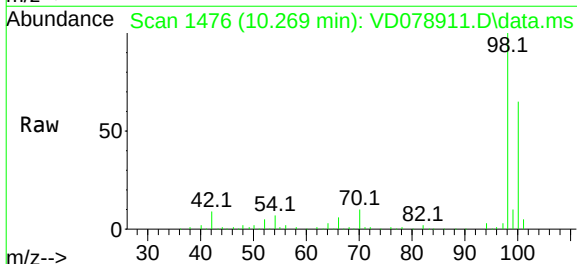
Acq: 13 May 2024 13:38

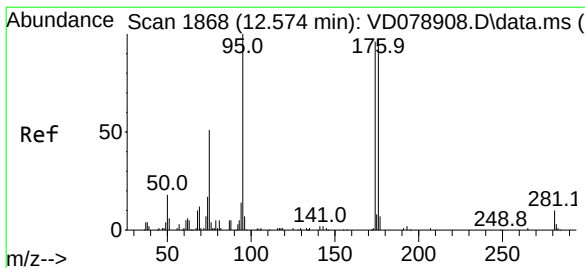
Tgt Ion: 98 Resp: 359032

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.236 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.005 min

Lab File: VD078911.D

Acq: 13 May 2024 13:38

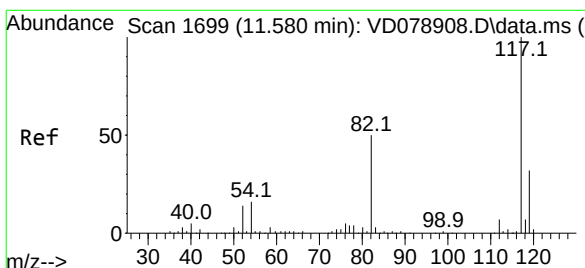
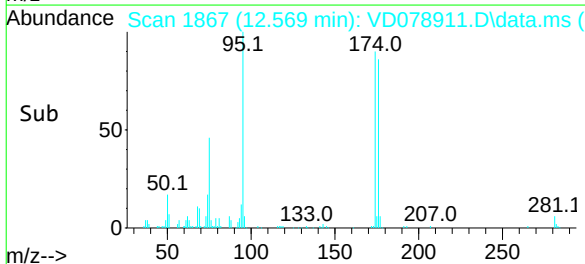
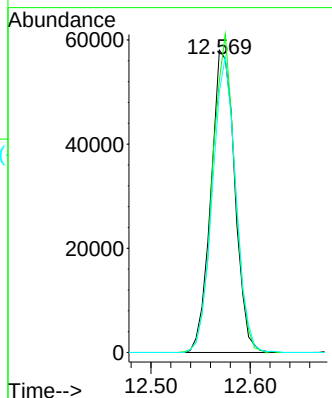
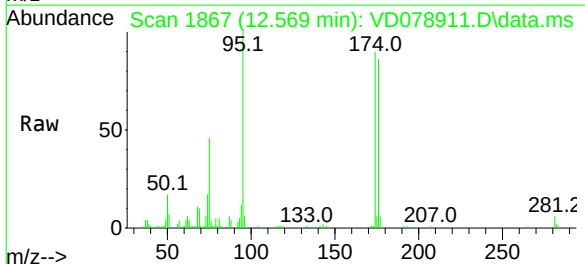
Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion:	95	Resp:	96665
Ion Ratio	Lower	Upper	
95	100		
174	99.3	0.0	195.4
176	96.0	0.0	192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

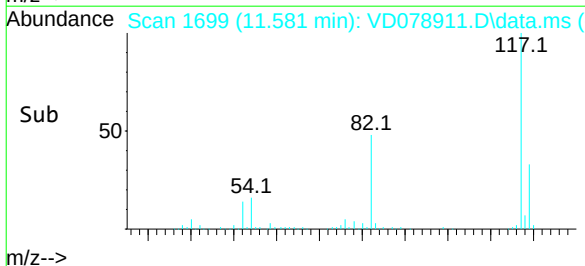
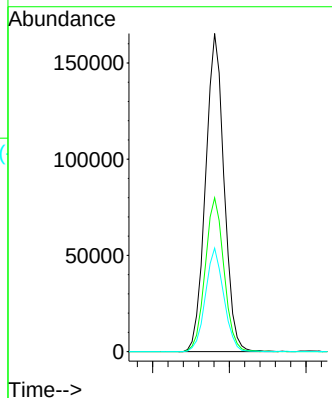
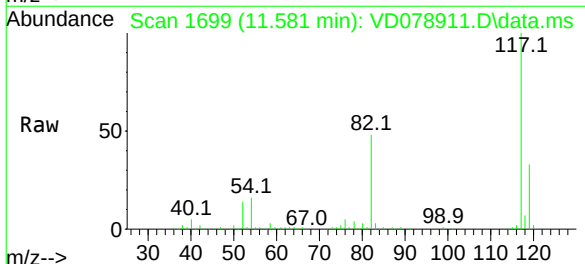
RT: 11.581 min Scan# 1699

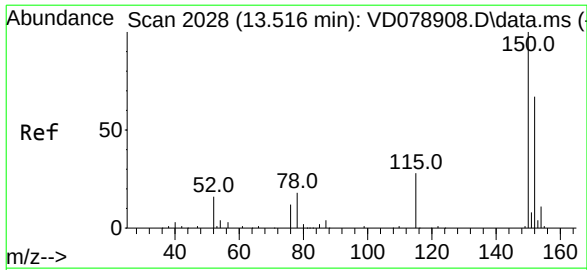
Delta R.T. 0.000 min

Lab File: VD078911.D

Acq: 13 May 2024 13:38

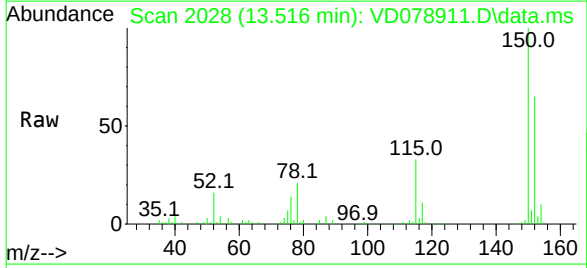
Tgt Ion:	117	Resp:	276712
Ion Ratio	Lower	Upper	
117	100		
82	48.3	39.8	59.6
119	32.5	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD078911.D
Acq: 13 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:	152	Resp:	124447
Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.5	79.5
150	159.2	0.0	341.6

