

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079941.D
 Acq On : 30 Sep 2024 17:15
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 01 05:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81246	48.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.805	113	75778	44.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.700%
50) Toluene-d8	10.269	98	274061	42.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.575	95	80428	39.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.620%

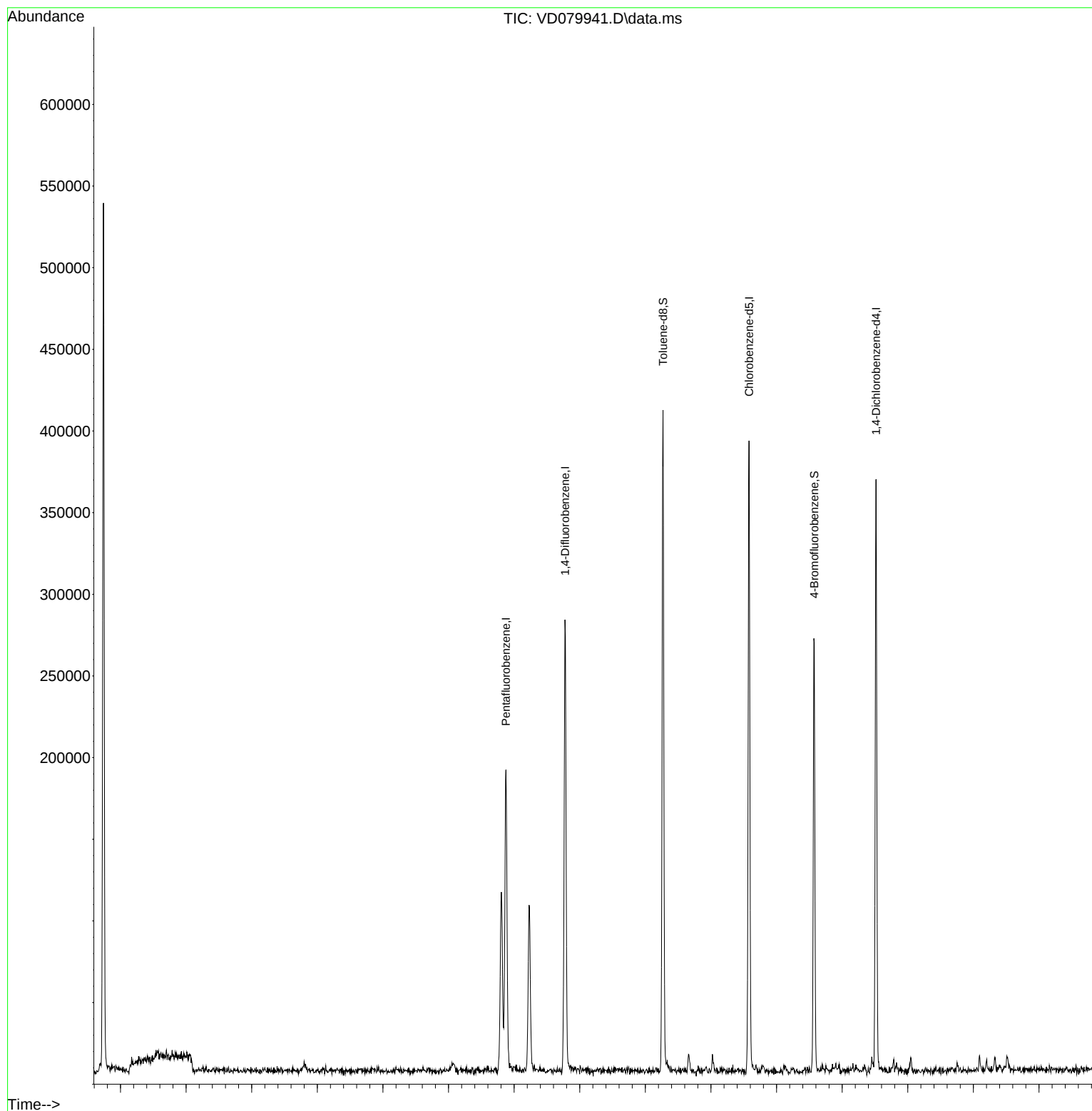
Target Compounds Qvalue

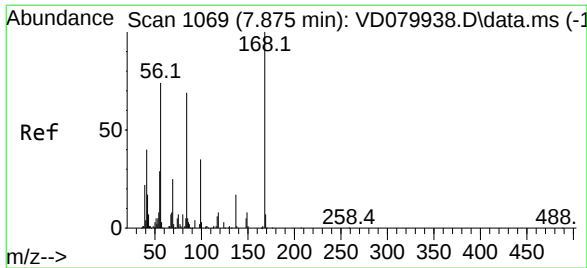
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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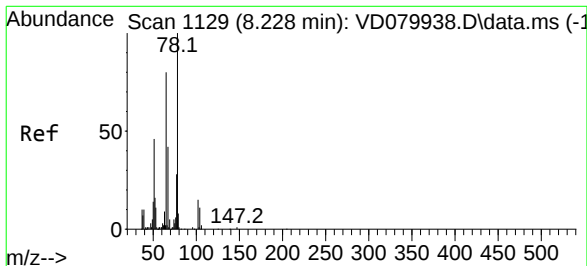
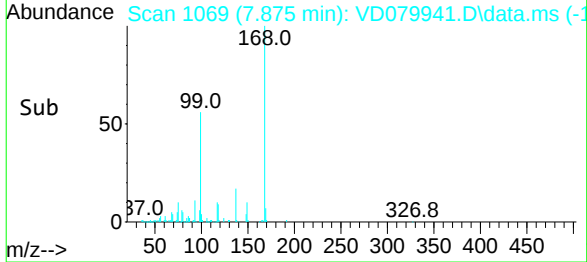
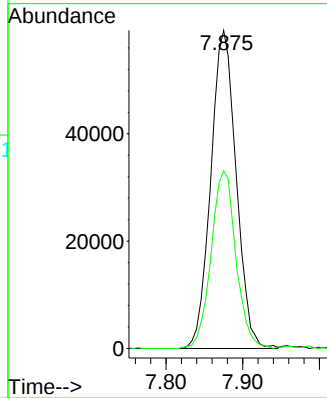
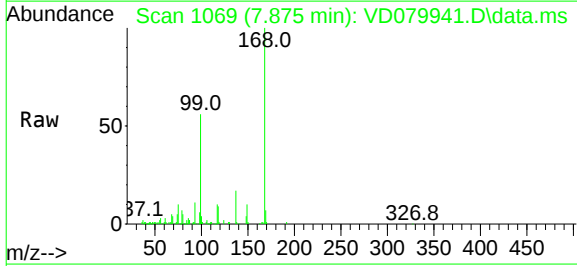




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079941.D
Acq: 30 Sep 2024 17:15

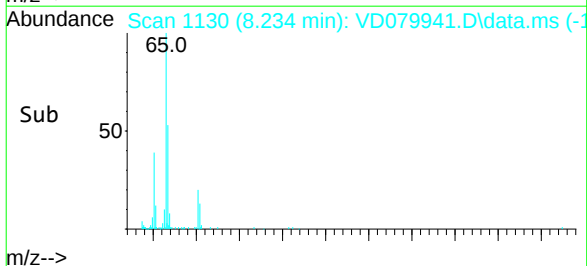
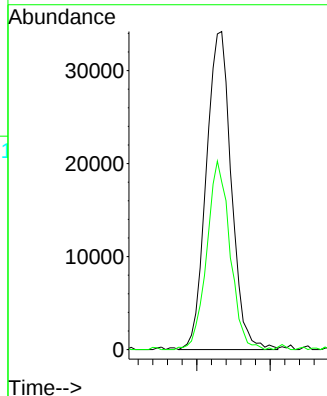
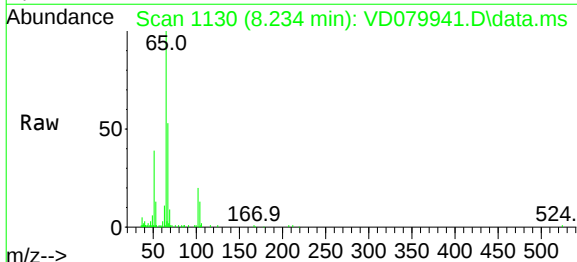
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

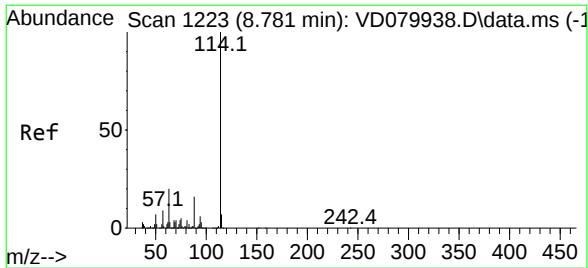
Tgt Ion:168 Resp: 135978
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 48.229 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079941.D
Acq: 30 Sep 2024 17:15

Tgt Ion: 65 Resp: 81246
Ion Ratio Lower Upper
65 100
67 55.0 0.0 104.2

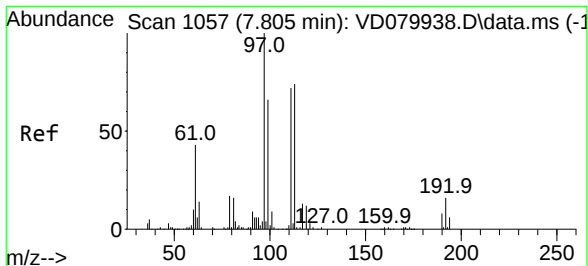
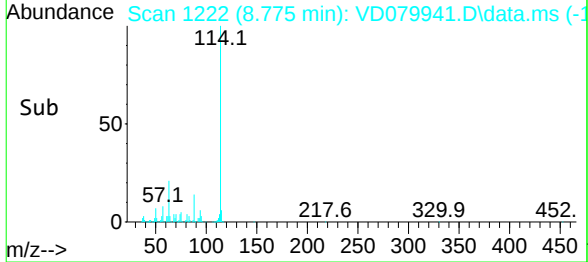
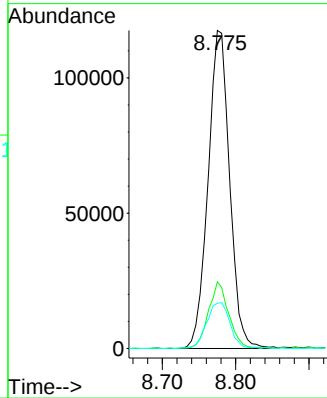
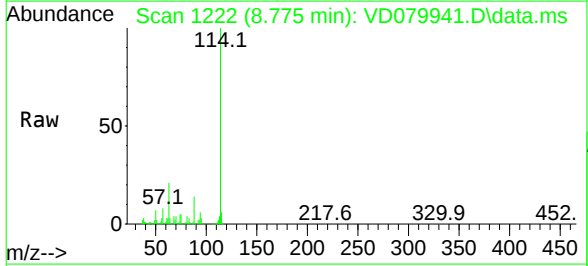




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VD079941.D
 Acq: 30 Sep 2024 17:15

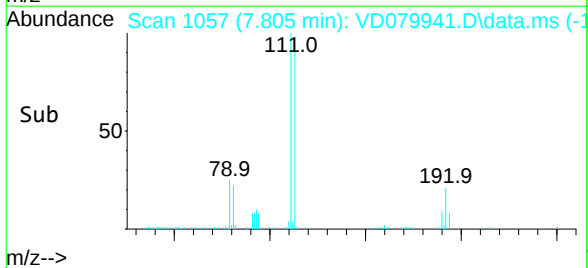
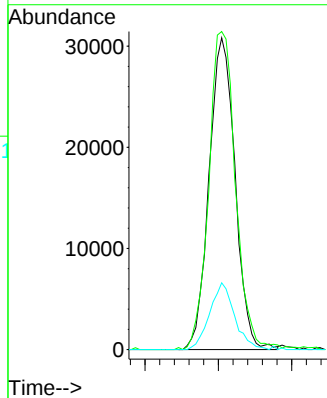
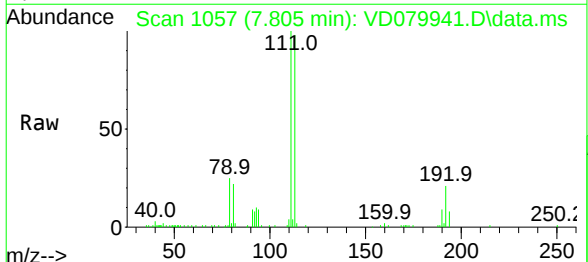
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

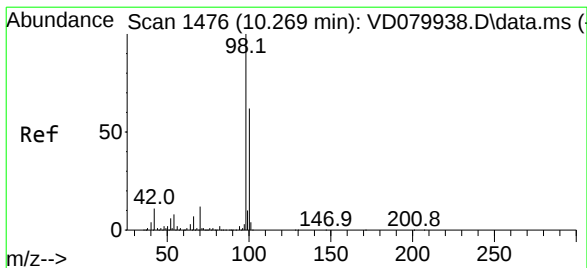
Tgt Ion:	114	Resp:	240294
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.2
88	14.0	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 44.845 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD079941.D
 Acq: 30 Sep 2024 17:15

Tgt Ion:	113	Resp:	75778
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.8	124.2
192	20.6	16.9	25.3





#50

Toluene-d8

Concen: 42.368 ug/l

RT: 10.269 min Scan# 14

Delta R.T. -0.000 min

Lab File: VD079941.D

Acq: 30 Sep 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

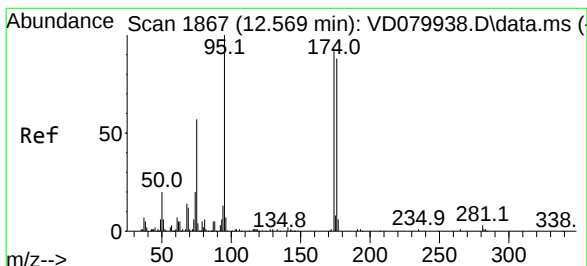
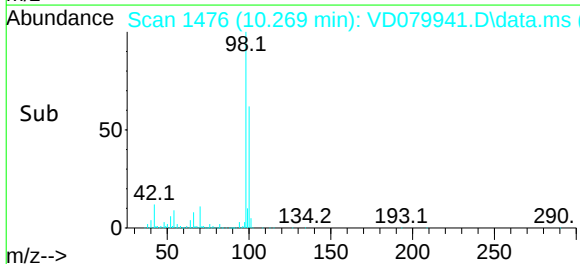
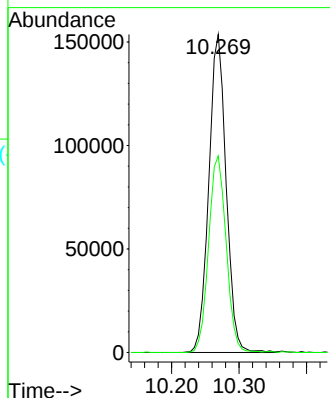
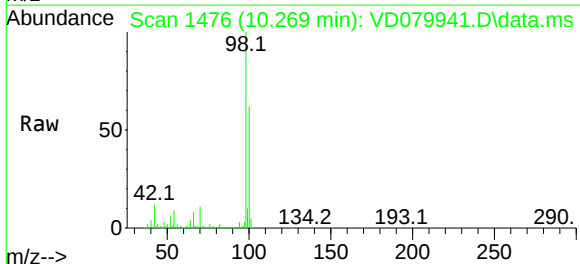
VIBLK

Tgt Ion: 98 Resp: 274061

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 39.312 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD079941.D

Acq: 30 Sep 2024 17:15

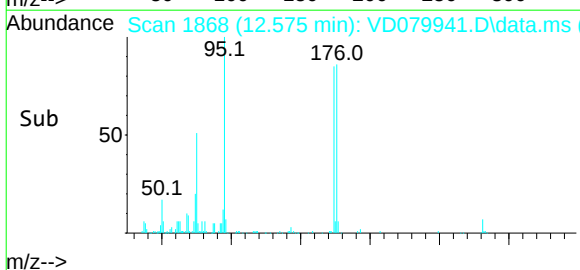
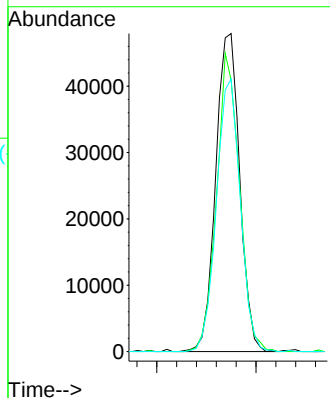
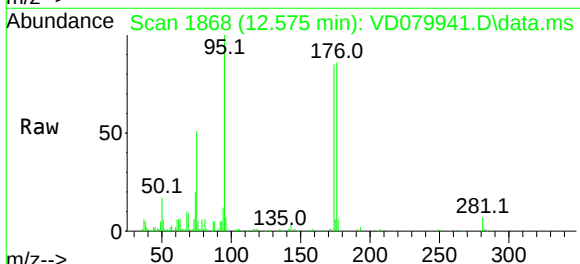
Tgt Ion: 95 Resp: 80428

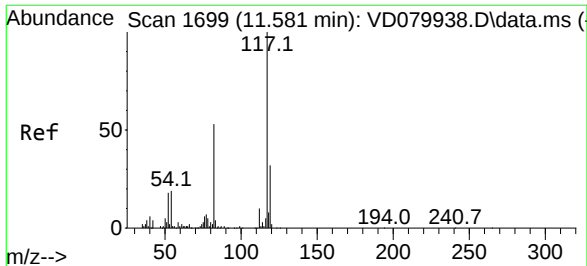
Ion Ratio Lower Upper

95 100

174 89.7 0.0 182.0

176 85.4 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD079941.D

Acq: 30 Sep 2024 17:15

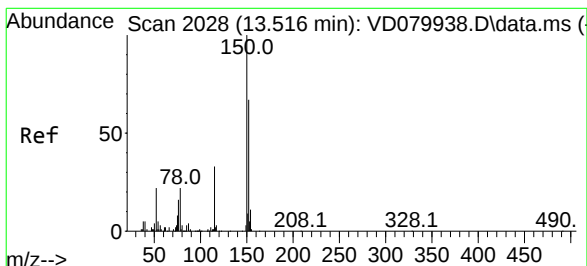
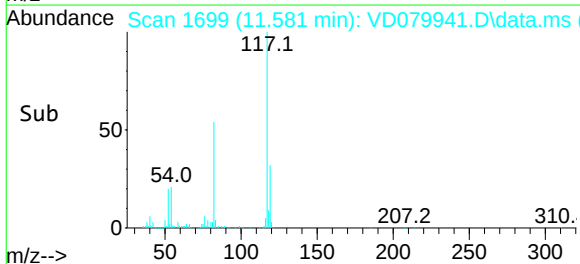
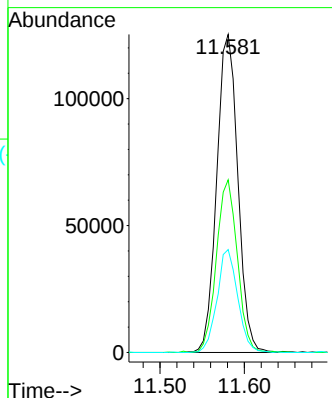
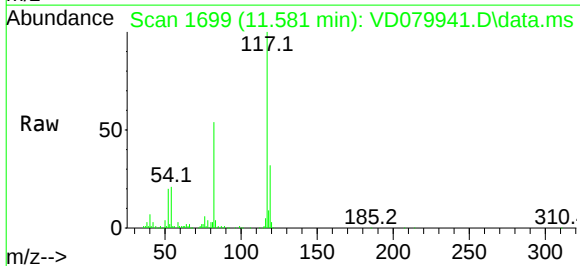
Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion:	117	Resp:	218245
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.1	63.1
119	32.4	25.8	38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079941.D

Acq: 30 Sep 2024 17:15

Tgt Ion:	152	Resp:	93769
Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.0	87.1
150	164.3	0.0	347.6

