

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079490.D
 Acq On : 31 Jul 2024 12:14
 Operator : RP/MD
 Sample : VD0731SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Quant Time: Jul 31 16:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	211104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	357764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116731	54.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.860%
35) Dibromofluoromethane	7.805	113	127102	52.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.269	98	464017	49.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.569	95	118523	43.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.120%

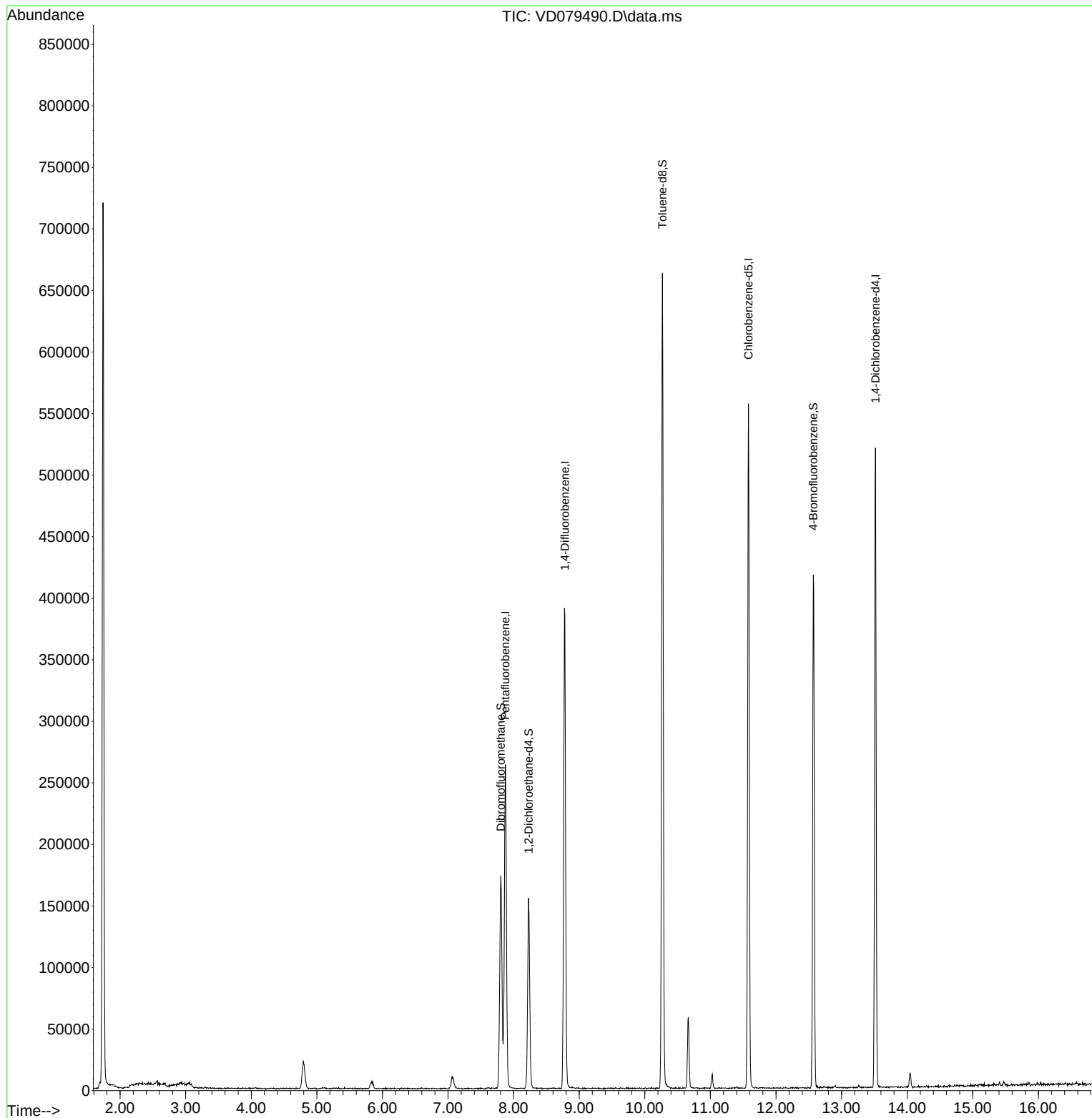
Target Compounds	Qvalue

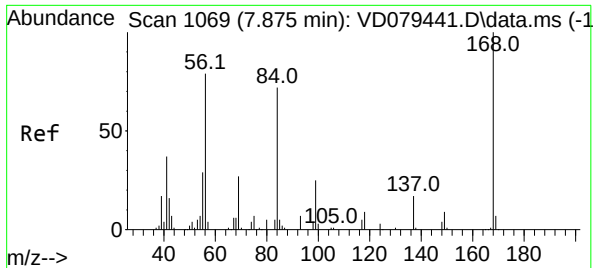
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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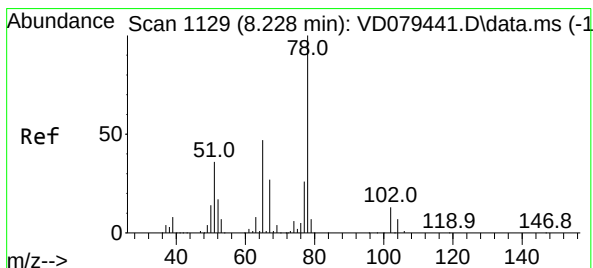
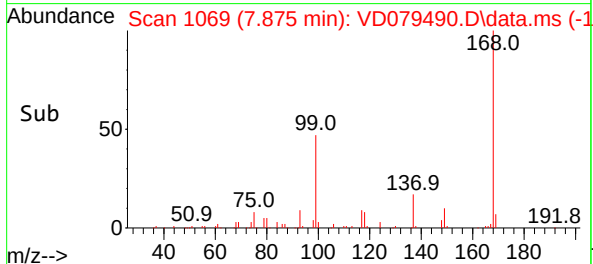
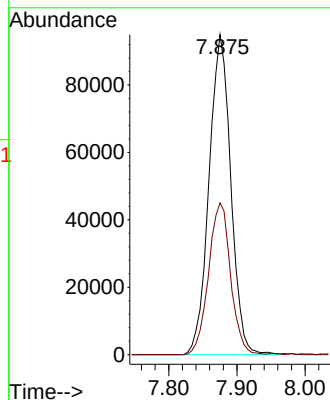
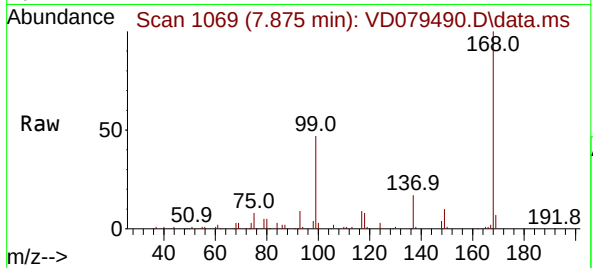




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

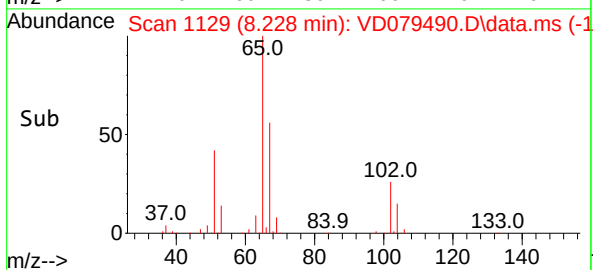
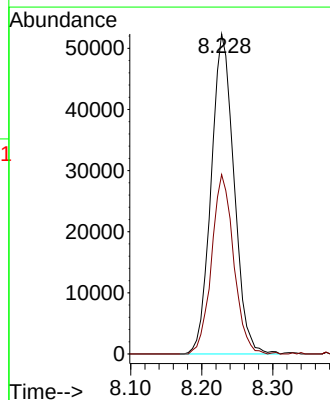
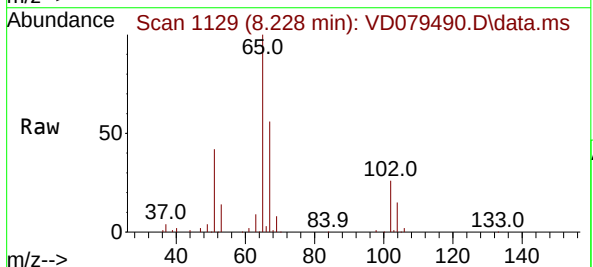
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

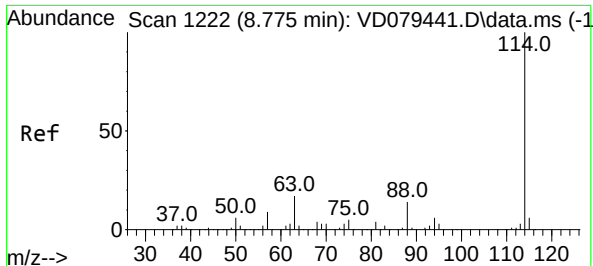
Tgt Ion:168 Resp: 211104
Ion Ratio Lower Upper
168 100
99 47.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 65 Resp: 116731
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0

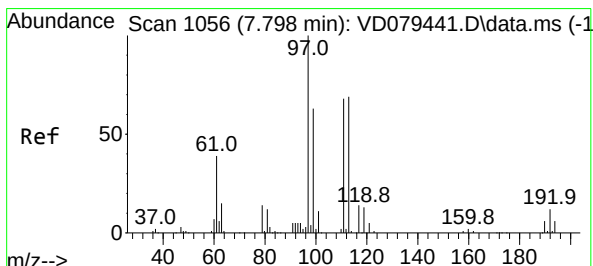
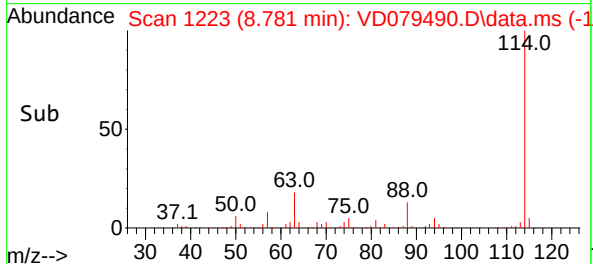
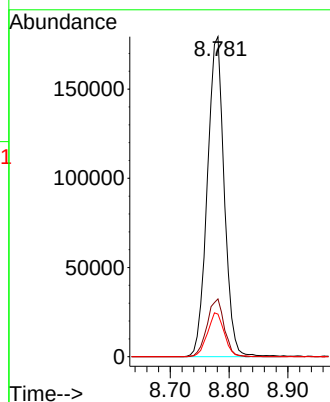
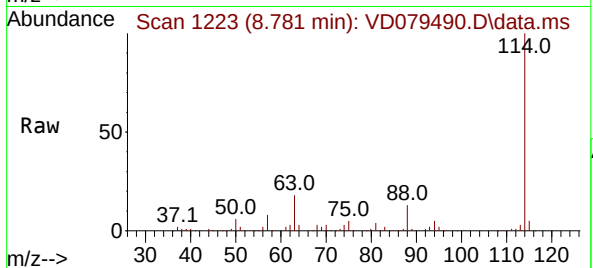




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

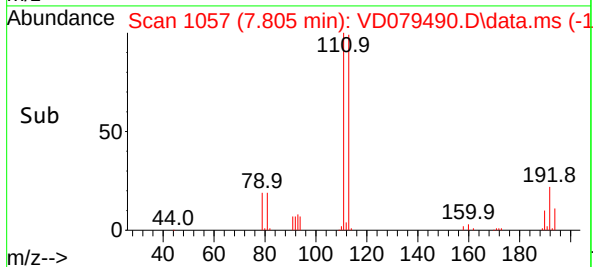
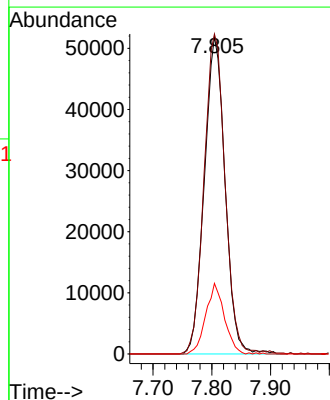
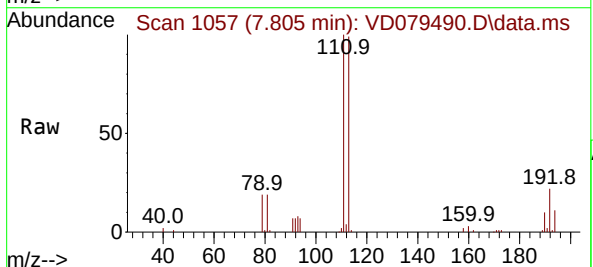
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

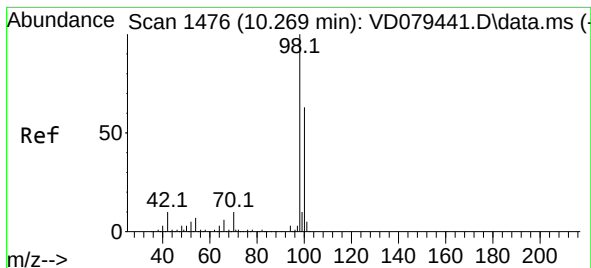
Tgt Ion:114 Resp: 357764
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 13.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion:113 Resp: 127102
Ion Ratio Lower Upper
113 100
111 101.9 84.0 126.0
192 19.9 15.4 23.0

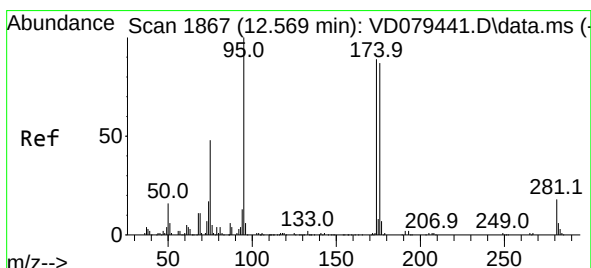
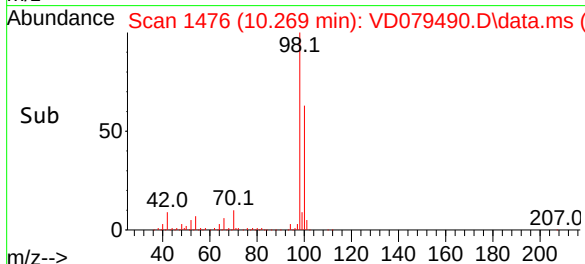
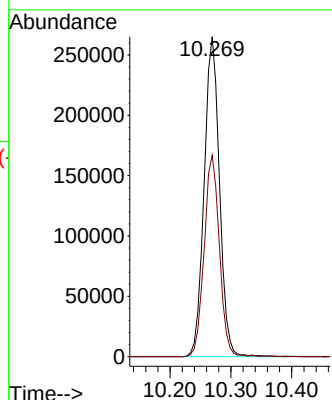
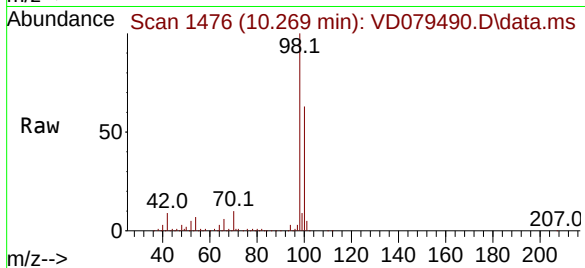




#50
Toluene-d8
Concen: 49.345 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

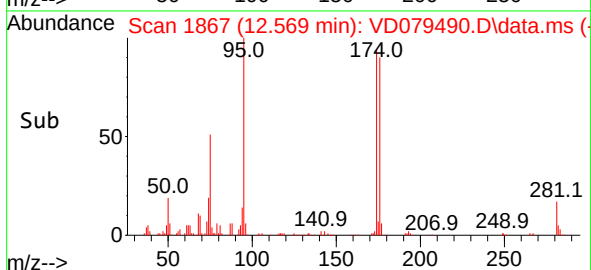
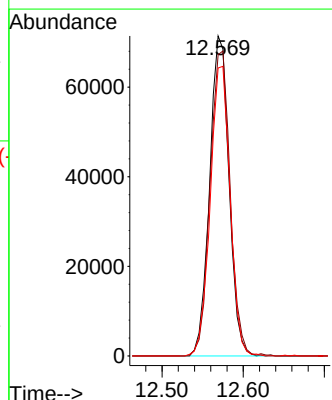
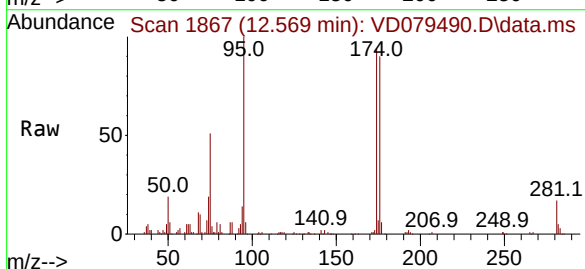
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

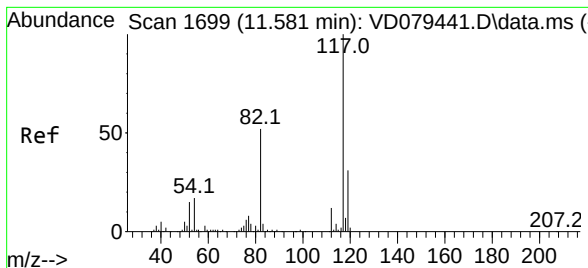
Tgt Ion: 98 Resp: 464017
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 95 Resp: 118523
Ion Ratio Lower Upper
95 100
174 98.8 0.0 195.4
176 92.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079490.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBL01

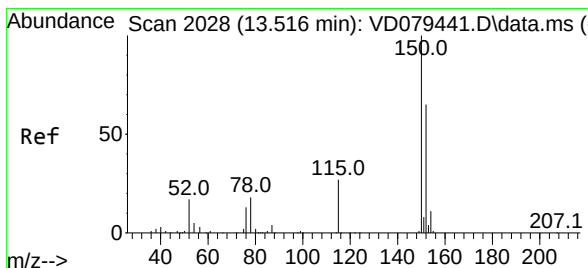
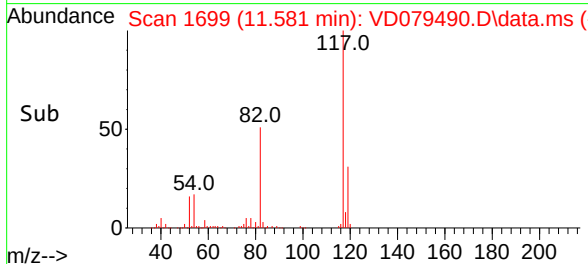
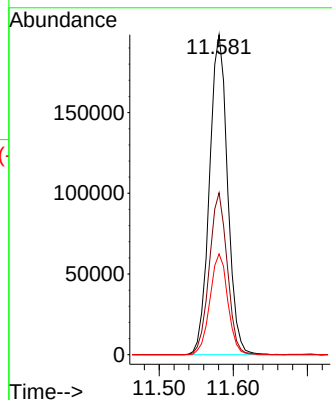
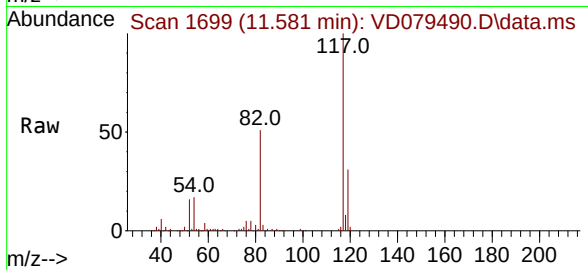
Tgt Ion:117 Resp: 336168

Ion Ratio Lower Upper

117 100

82 50.6 39.8 59.6

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079490.D

Acq: 31 Jul 2024 12:14

Tgt Ion:152 Resp: 148325

Ion Ratio Lower Upper

152 100

115 54.5 26.5 79.5

150 155.7 0.0 341.6

