

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079465.D
 Acq On : 30 Jul 2024 18:11
 Operator : RP/MD
 Sample : P3379-17
 Misc : 6.20G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-04-072324

Quant Time: Jul 31 01:55:51 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	7.881	168	13138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	24929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	24846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11876	88.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.960%#
35) Dibromofluoromethane	7.804	113	10755	63.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.480%
50) Toluene-d8	10.269	98	30125	45.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.960%
62) 4-Bromofluorobenzene	12.569	95	9724	51.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.560%

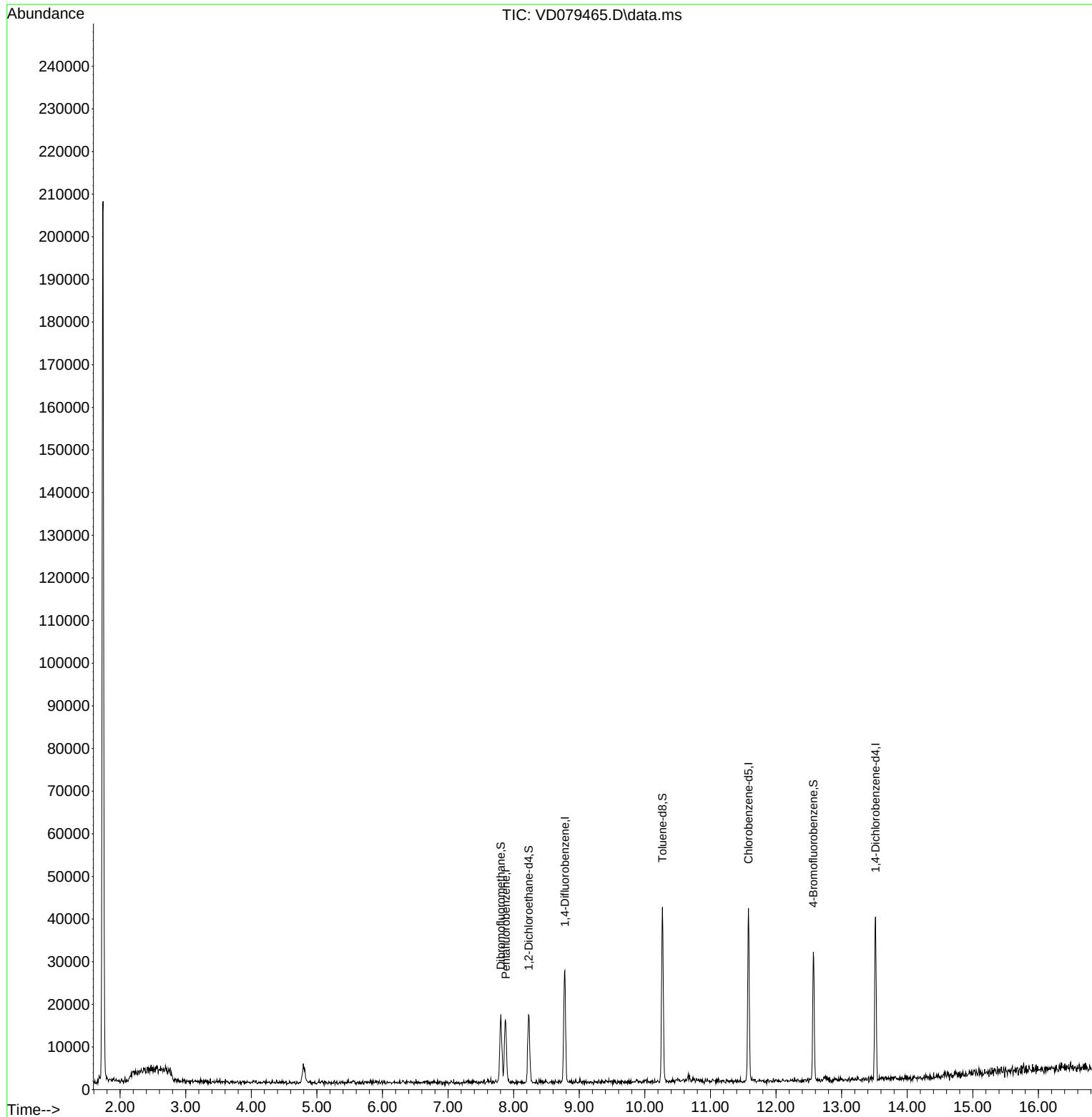
Target Compounds	Qvalue

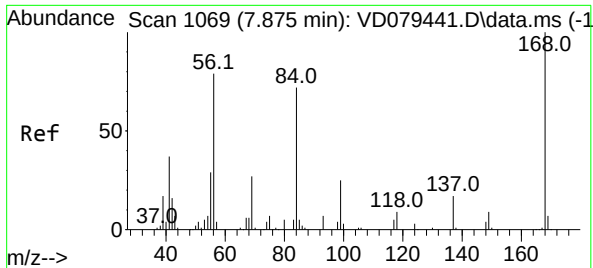
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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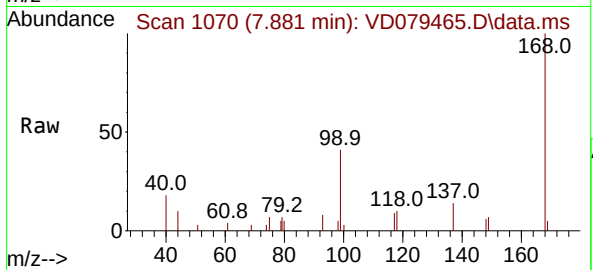
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



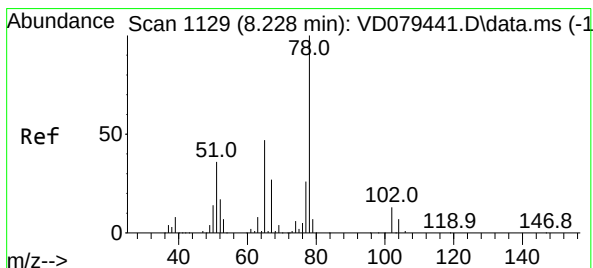
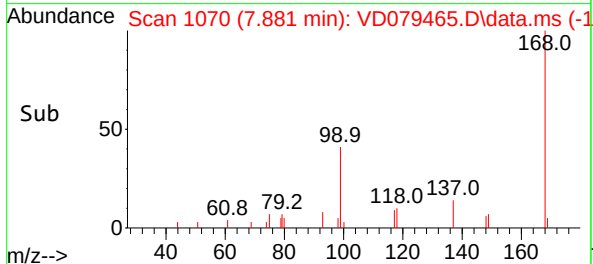
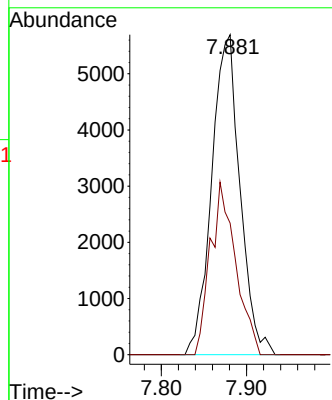


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-04-072324

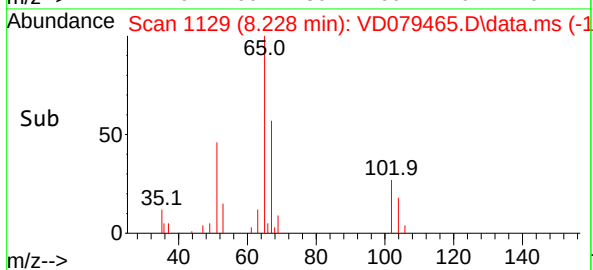
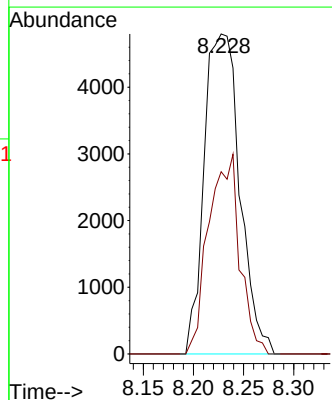
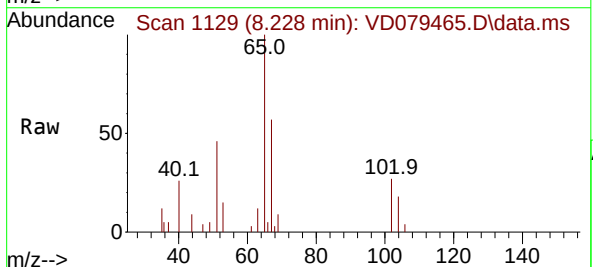


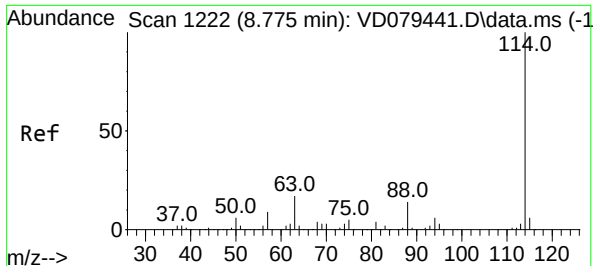
Tgt Ion:168 Resp: 13138
Ion Ratio Lower Upper
168 100
99 41.1 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 88.979 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Tgt Ion: 65 Resp: 11876
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-04-072324

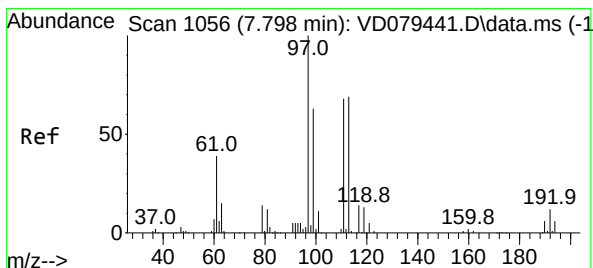
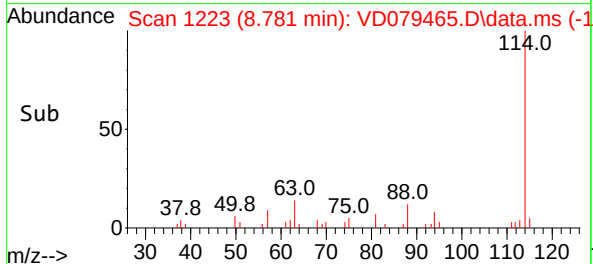
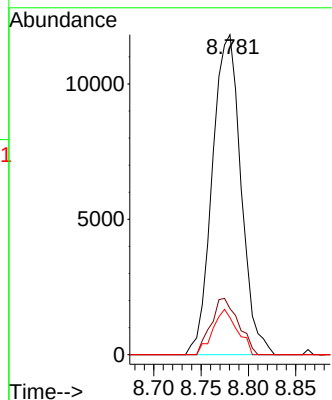
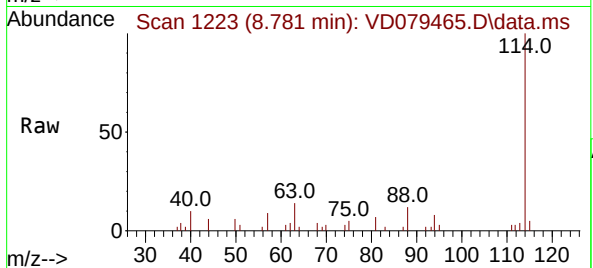
Tgt Ion:114 Resp: 24929

Ion Ratio Lower Upper

114 100

63 14.4 0.0 34.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 63.741 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

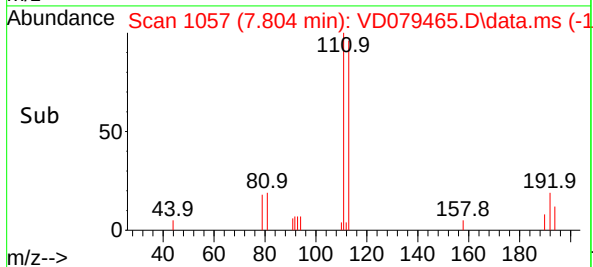
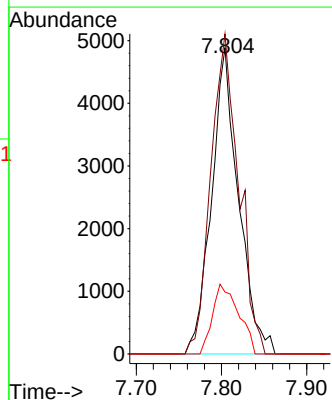
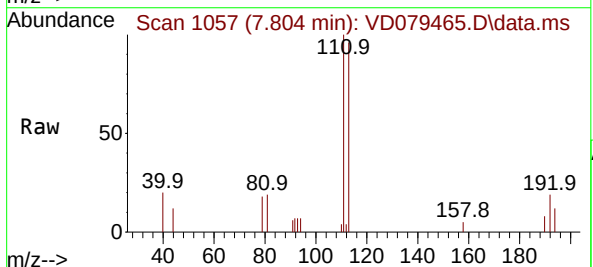
Tgt Ion:113 Resp: 10755

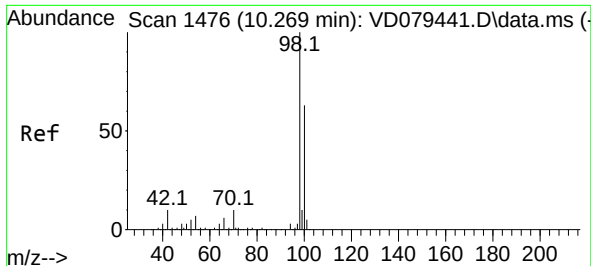
Ion Ratio Lower Upper

113 100

111 108.1 84.0 126.0

192 21.9 15.4 23.0

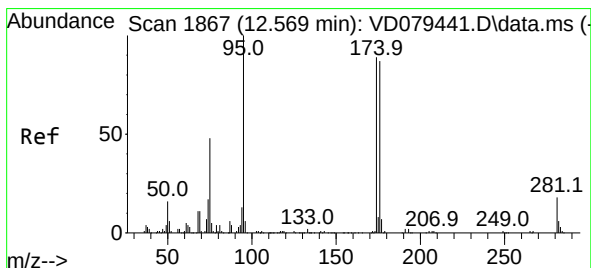
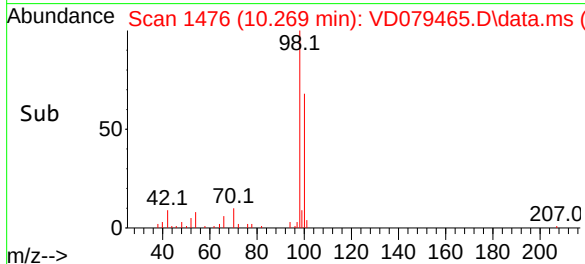
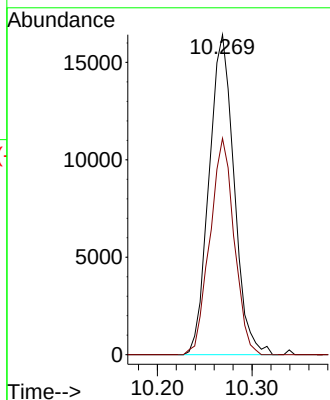
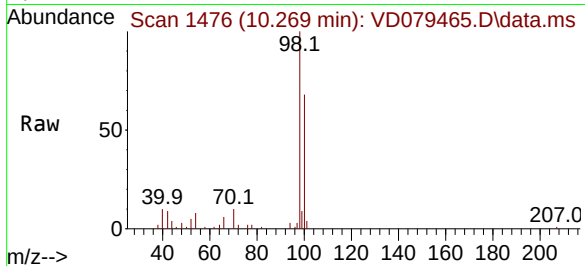




#50
Toluene-d8
Concen: 45.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

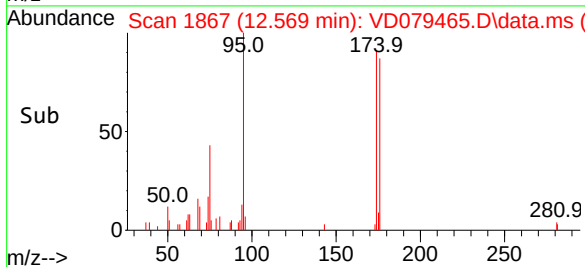
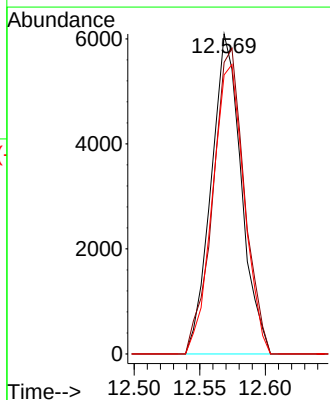
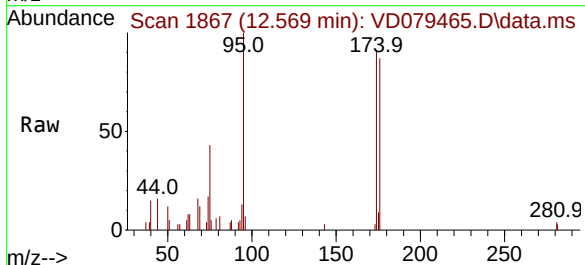
Instrument :
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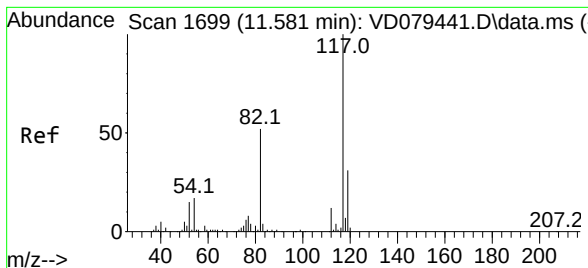
Tgt Ion: 98 Resp: 30125
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 51.283 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Tgt Ion: 95 Resp: 9724
Ion Ratio Lower Upper
95 100
174 99.9 0.0 195.4
176 94.9 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-04-072324

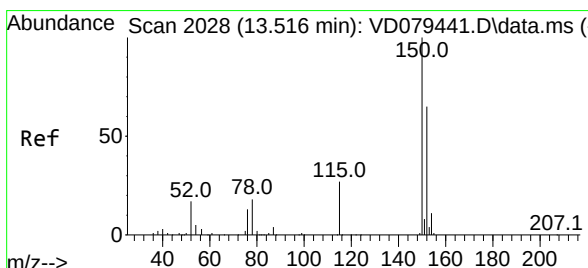
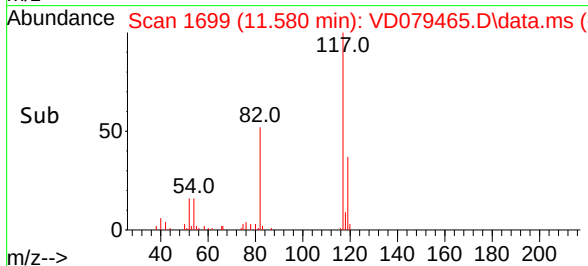
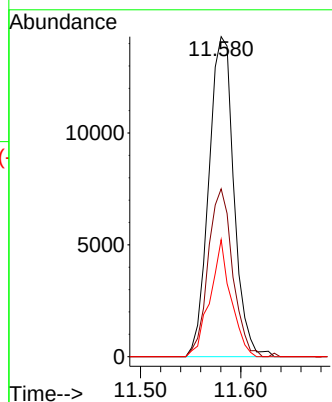
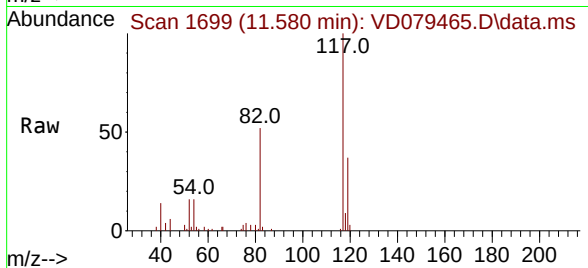
Tgt Ion:117 Resp: 24846

Ion Ratio Lower Upper

117 100

82 52.5 39.8 59.6

119 36.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.005 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Tgt Ion:152 Resp: 10768

Ion Ratio Lower Upper

152 100

115 57.2 26.5 79.5

150 168.2 0.0 341.6

