

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079463.D
 Acq On : 30 Jul 2024 17:16
 Operator : RP/MD
 Sample : P3379-13
 Misc : 5.90G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-02-072324

Quant Time: Jul 31 01:55:05 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	146807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96931	64.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.980%
35) Dibromofluoromethane	7.804	113	112308	61.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.280%
50) Toluene-d8	10.269	98	397706	56.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.420%
62) 4-Bromofluorobenzene	12.569	95	99613	48.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.300%

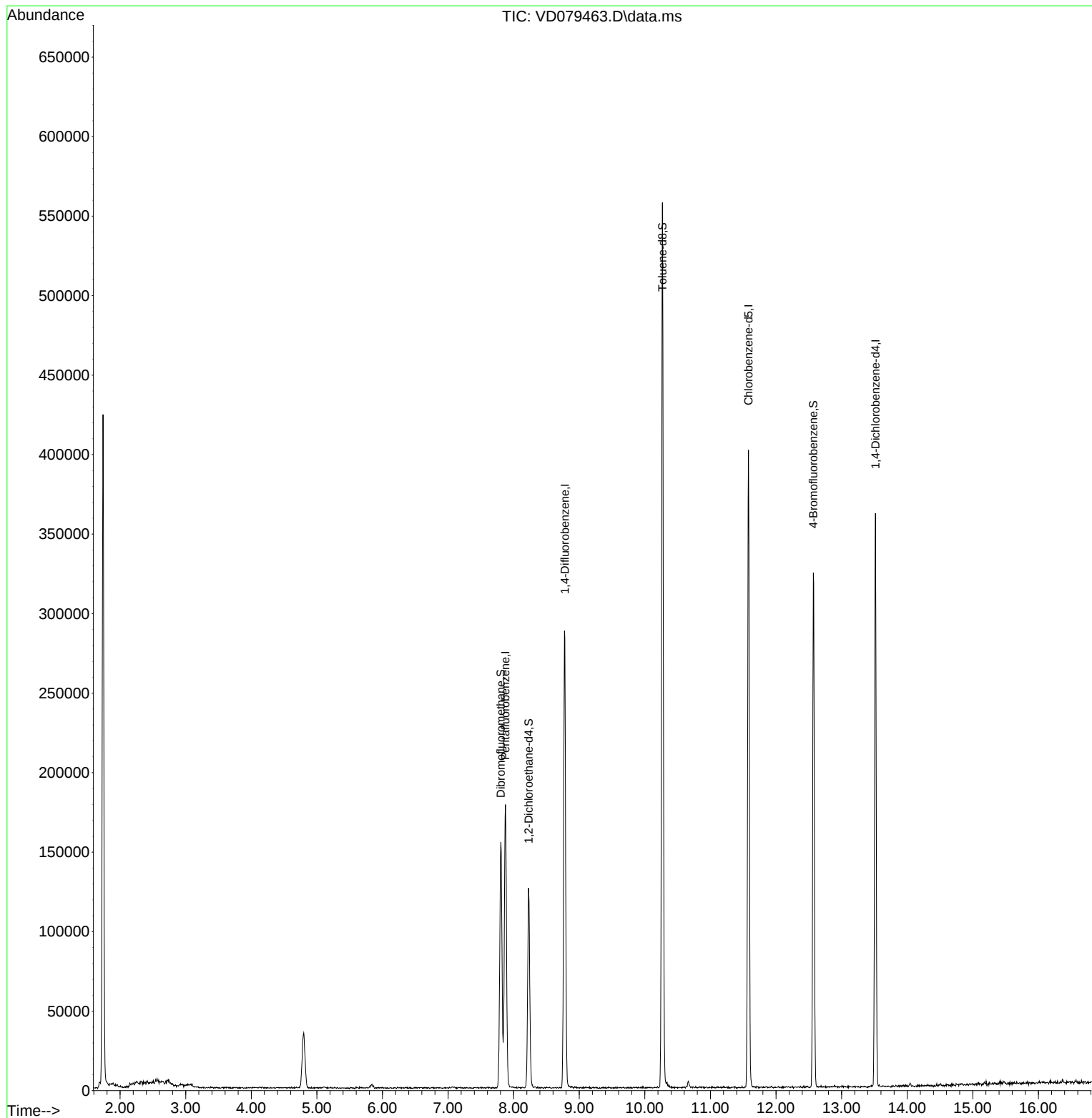
Target Compounds	Qvalue

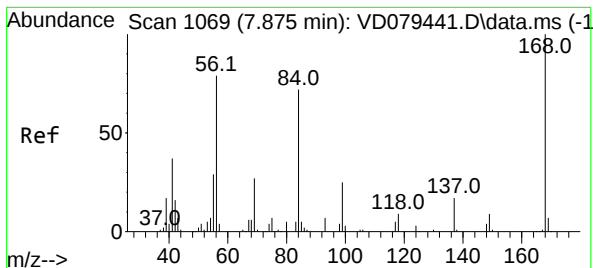
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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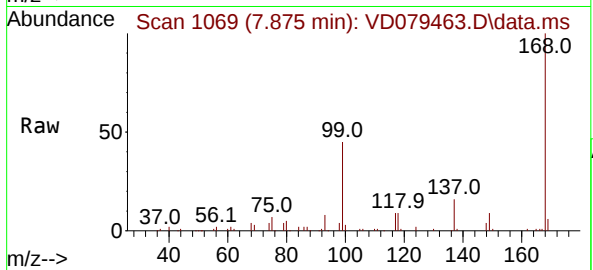
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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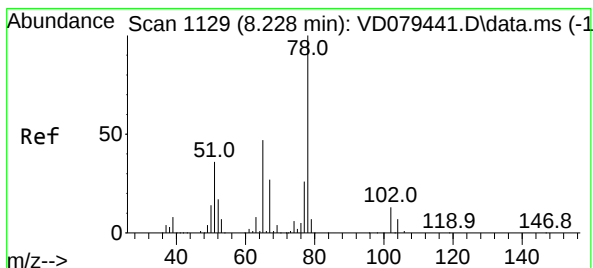
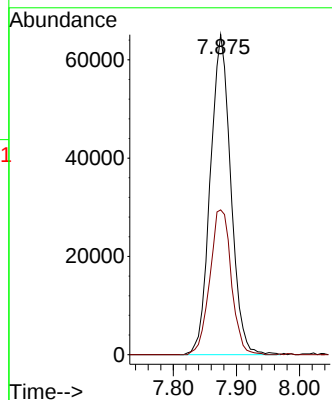
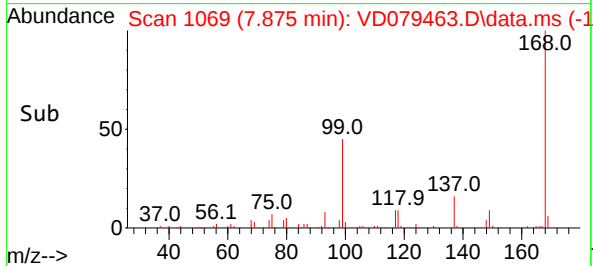


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079463.D
Acq: 30 Jul 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-02-072324

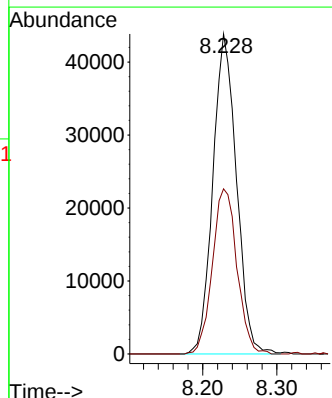
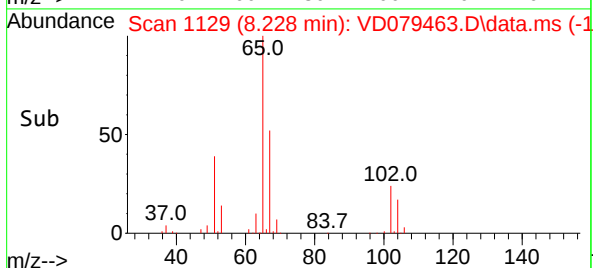
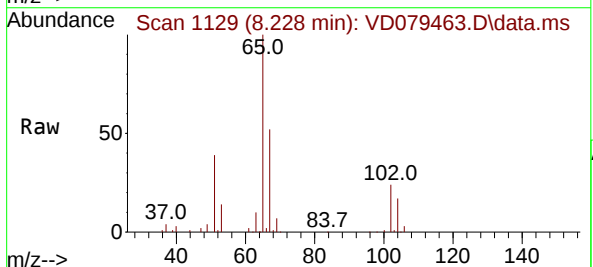


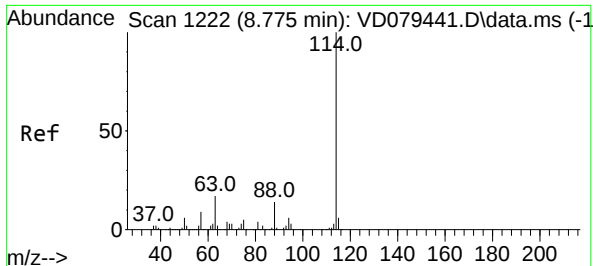
Tgt Ion:168 Resp: 146807
Ion Ratio Lower Upper
168 100
99 45.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 64.992 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079463.D
Acq: 30 Jul 2024 17:16

Tgt Ion: 65 Resp: 96931
Ion Ratio Lower Upper
65 100
67 53.7 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: VD079463.D

Acq: 30 Jul 2024 17:16

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-02-072324

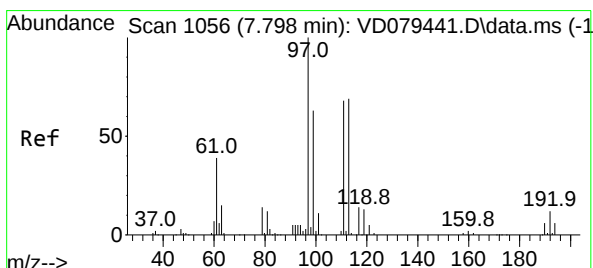
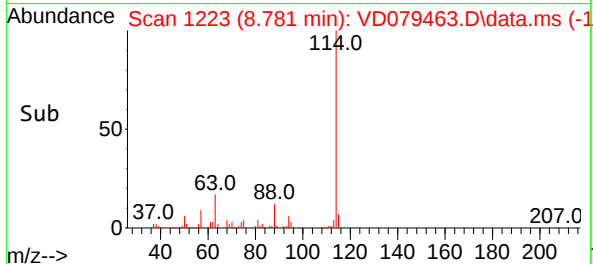
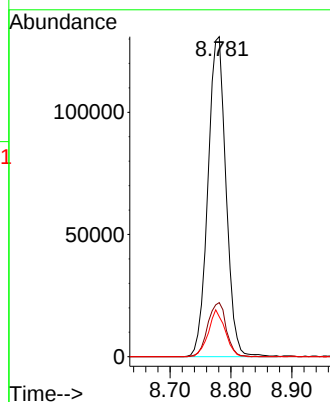
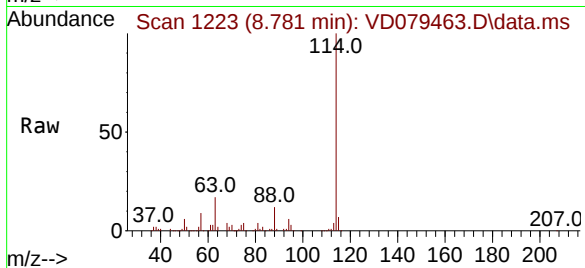
Tgt Ion:114 Resp: 269193

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 12.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.639 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079463.D

Acq: 30 Jul 2024 17:16

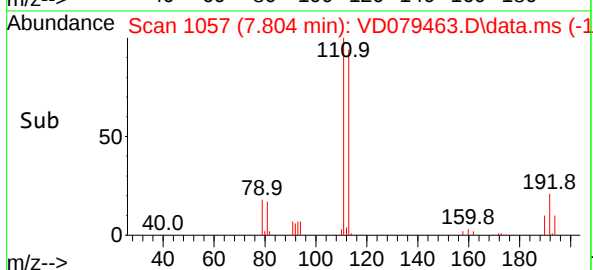
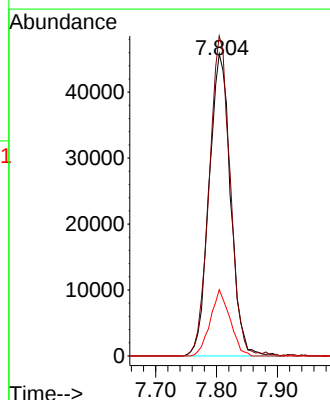
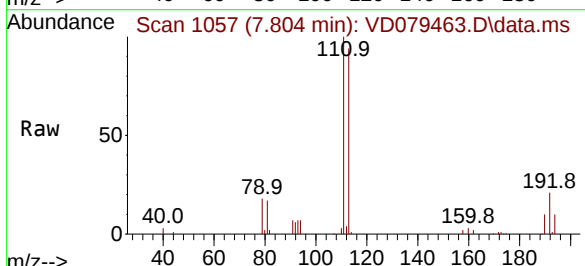
Tgt Ion:113 Resp: 112308

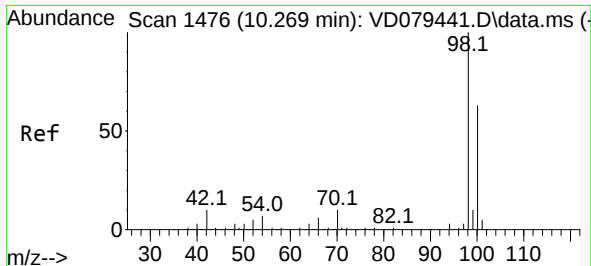
Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 20.1 15.4 23.0

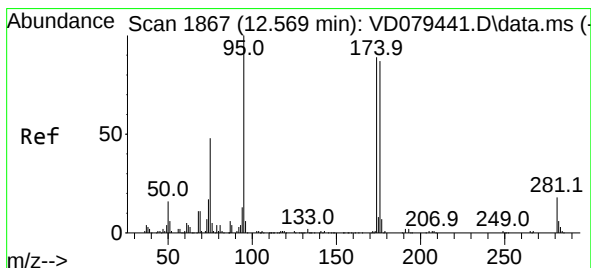
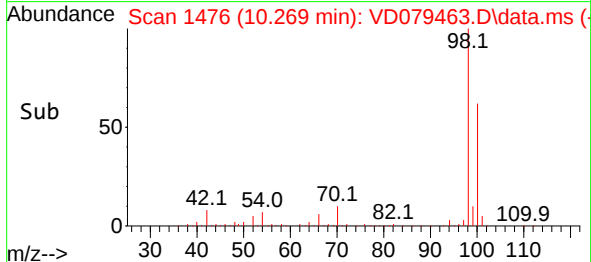
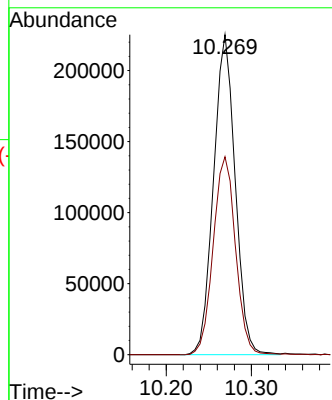
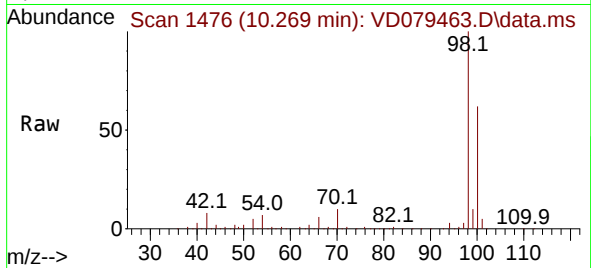




#50
Toluene-d8
Concen: 56.208 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079463.D
Acq: 30 Jul 2024 17:16

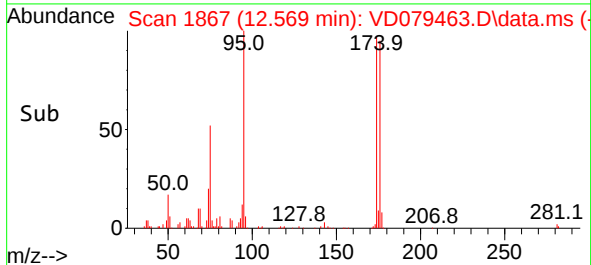
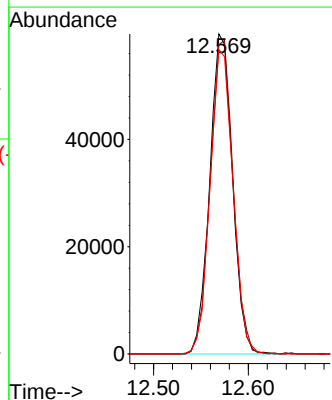
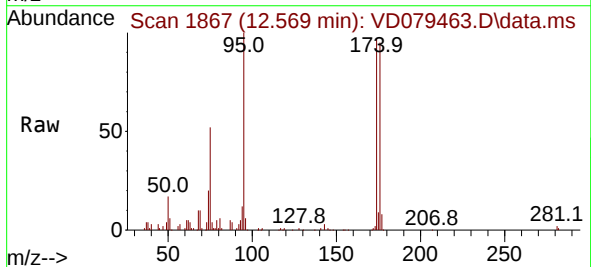
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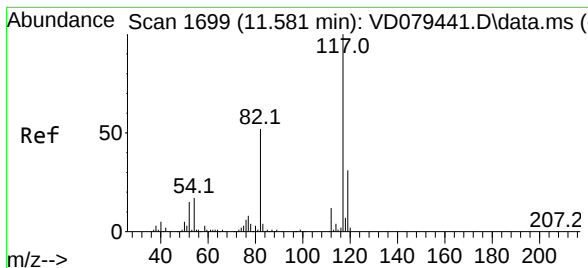
Tgt Ion: 98 Resp: 397706
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.650 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079463.D
Acq: 30 Jul 2024 17:16

Tgt Ion: 95 Resp: 99613
Ion Ratio Lower Upper
95 100
174 98.9 0.0 195.4
176 95.7 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: VD079463.D

Acq: 30 Jul 2024 17:16

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-02-072324

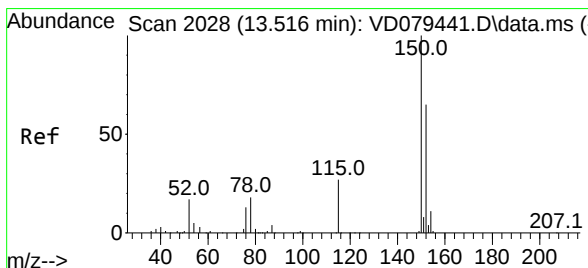
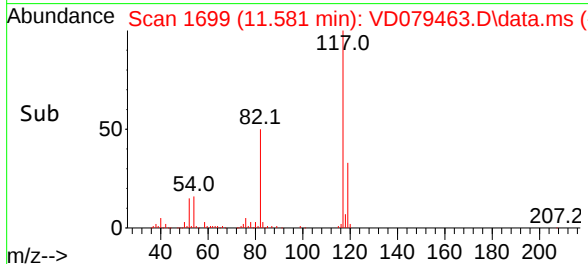
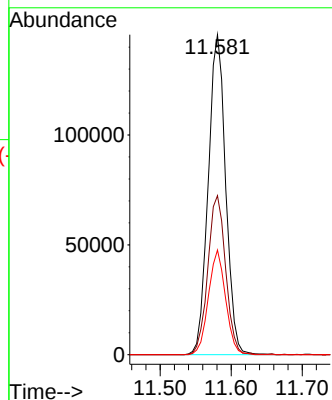
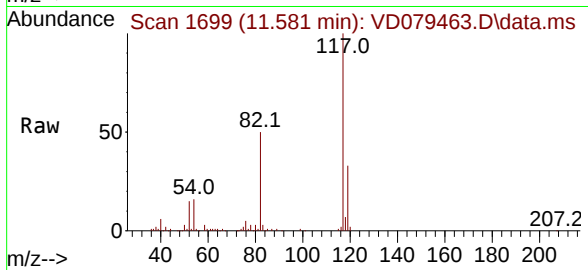
Tgt Ion:117 Resp: 248577

Ion Ratio Lower Upper

117 100

82 49.7 39.8 59.6

119 32.7 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: VD079463.D

Acq: 30 Jul 2024 17:16

Tgt Ion:152 Resp: 103795

Ion Ratio Lower Upper

152 100

115 53.3 26.5 79.5

150 154.1 0.0 341.6

