

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079644.D
 Acq On : 07 Aug 2024 16:41
 Operator : RP/MD
 Sample : P3393-04
 Misc : 8.20G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-2.5-3-072624

Quant Time: Aug 08 01:52:16 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)

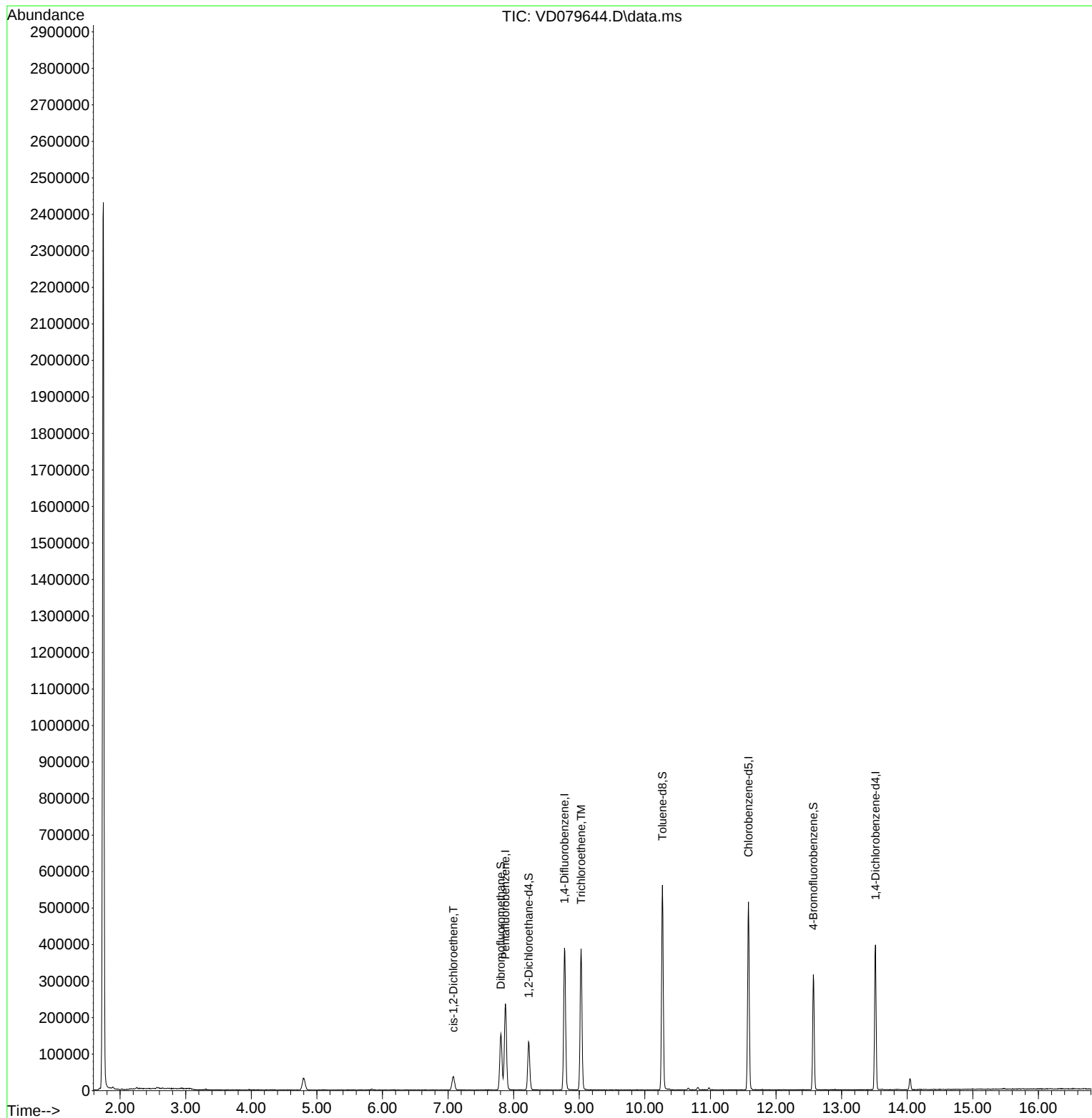
Internal Standards						
1) Pentafluorobenzene	7.875	168	187056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99918	52.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.805	113	115439	48.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.269	98	394923	42.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.140%
62) 4-Bromofluorobenzene	12.569	95	93458	34.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.620%
Target Compounds						
27) cis-1,2-Dichloroethene	7.081	96	25661	9.888	ug/l	98
44) Trichloroethene	9.028	130	144459	56.036	ug/l	93

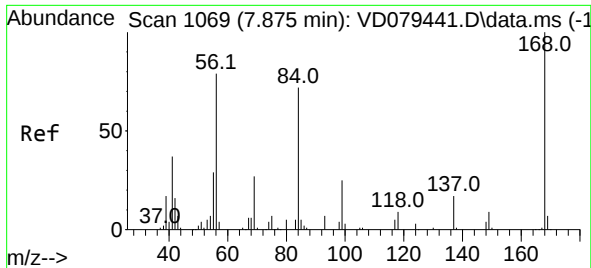
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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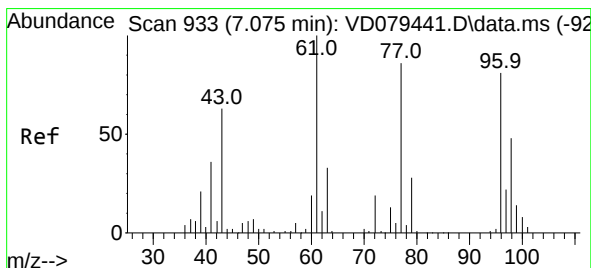
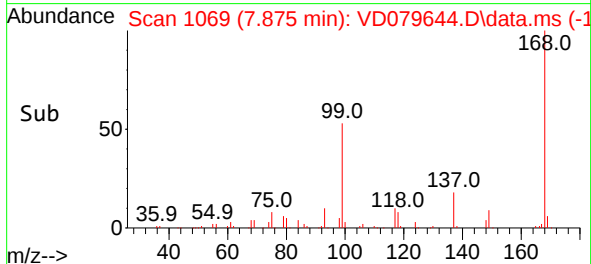
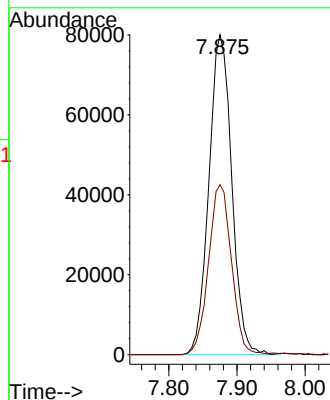
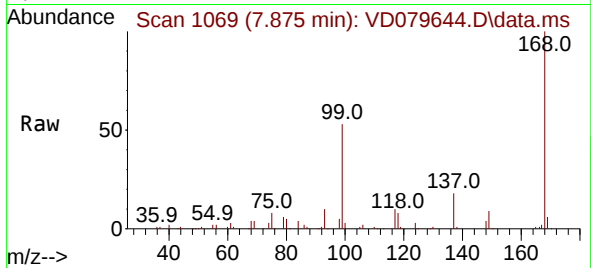




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079644.D
Acq: 07 Aug 2024 16:41

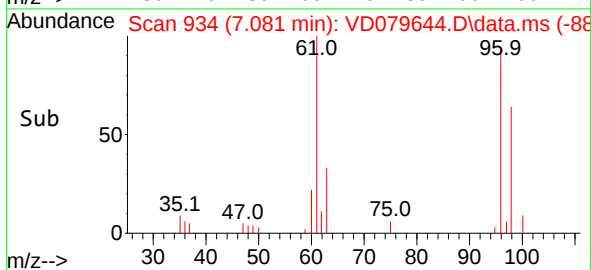
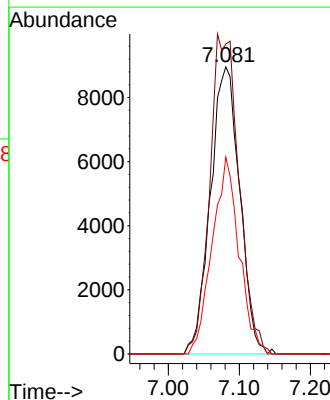
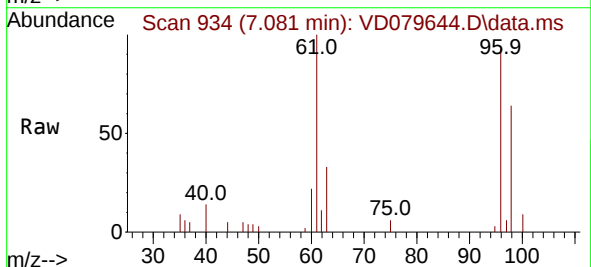
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-2.5-3-072624

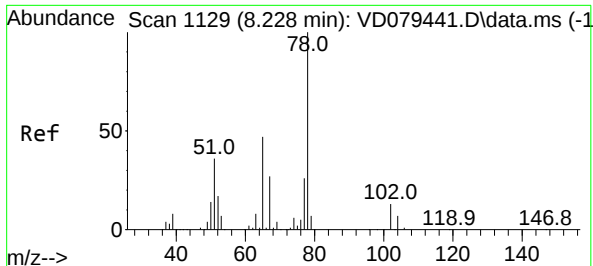
Tgt Ion:168 Resp: 187056
Ion Ratio Lower Upper
168 100
99 53.1 41.1 61.7



#27
cis-1,2-Dichloroethene
Concen: 9.888 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079644.D
Acq: 07 Aug 2024 16:41

Tgt Ion: 96 Resp: 25661
Ion Ratio Lower Upper
96 100
61 111.2 0.0 229.0
98 62.8 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 52.580 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079644.D

Acq: 07 Aug 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :

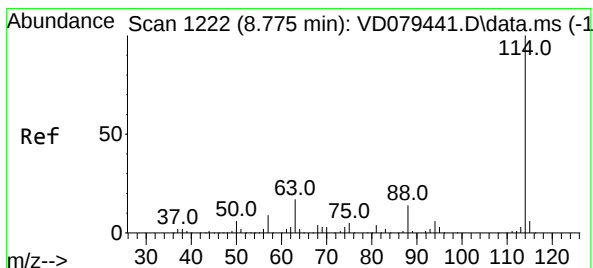
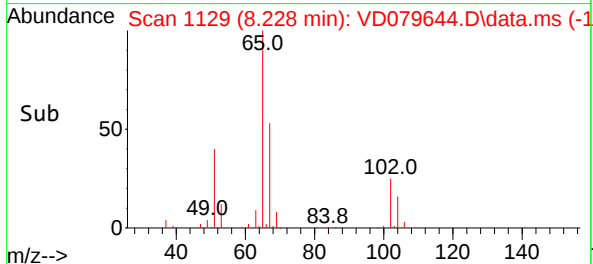
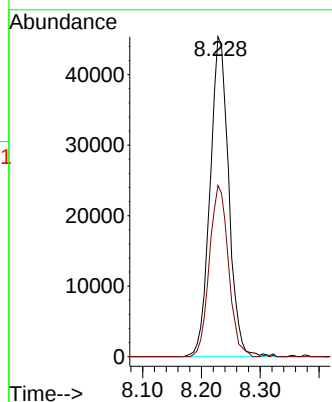
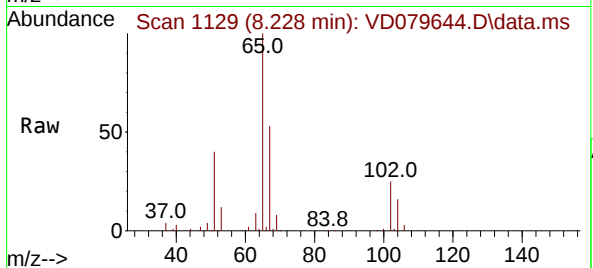
S-849-GI-SO-2.5-3-072624

Tgt Ion: 65 Resp: 99918

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079644.D

Acq: 07 Aug 2024 16:41

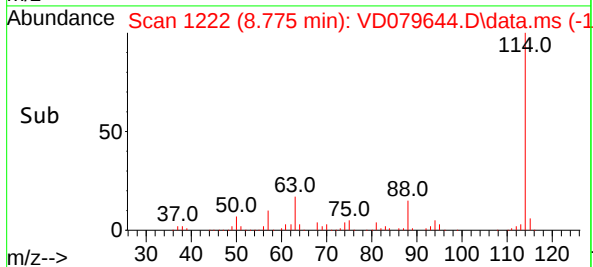
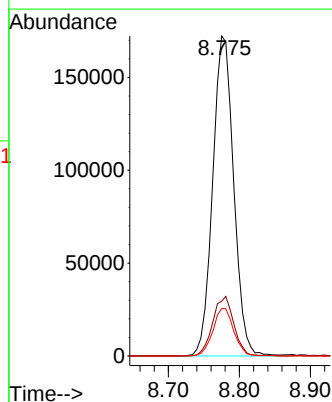
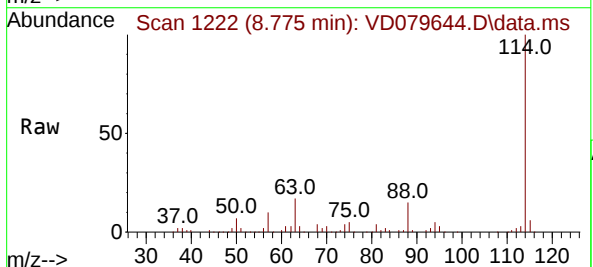
Tgt Ion: 114 Resp: 352941

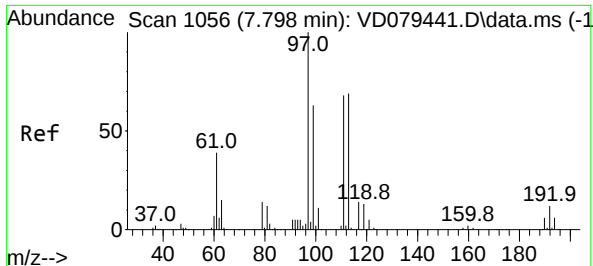
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.324 ug/l

RT: 7.805 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079644.D

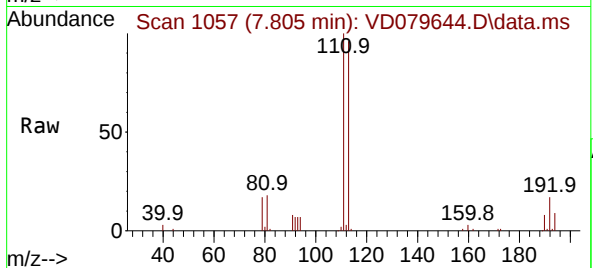
Acq: 07 Aug 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :

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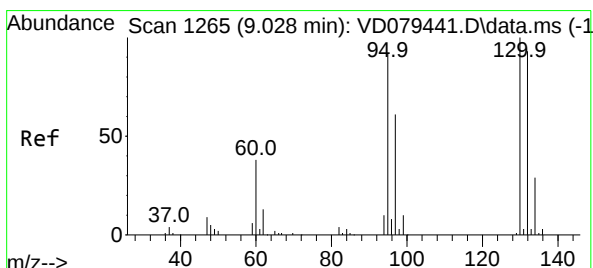
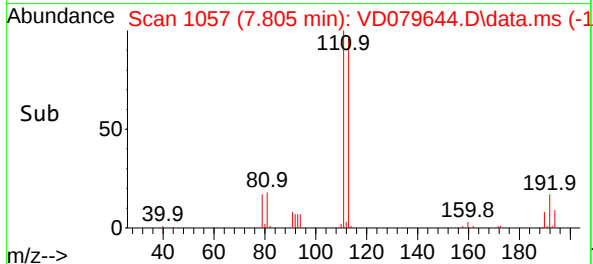
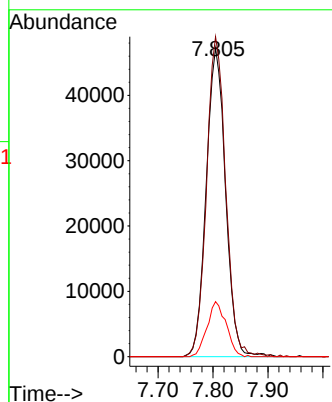
Tgt Ion:113 Resp: 115439

Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 17.7 15.4 23.0



#44

Trichloroethene

Concen: 56.036 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079644.D

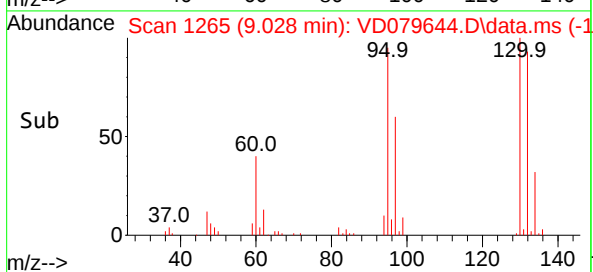
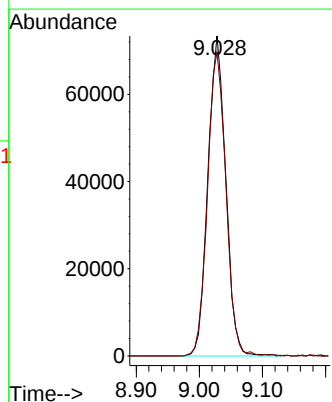
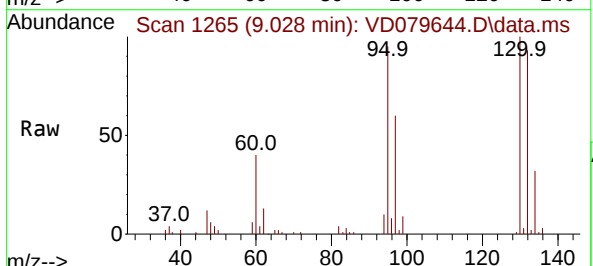
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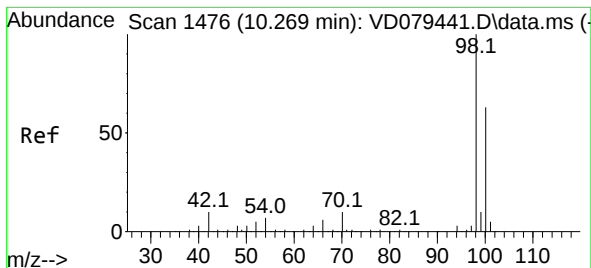
Tgt Ion:130 Resp: 144459

Ion Ratio Lower Upper

130 100

95 95.0 0.0 177.8

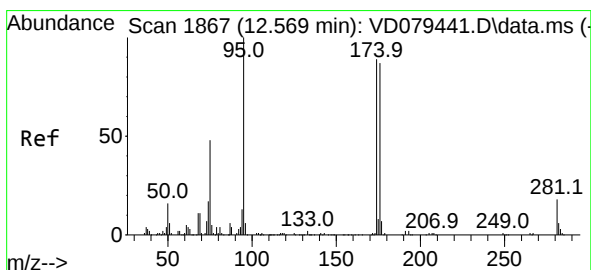
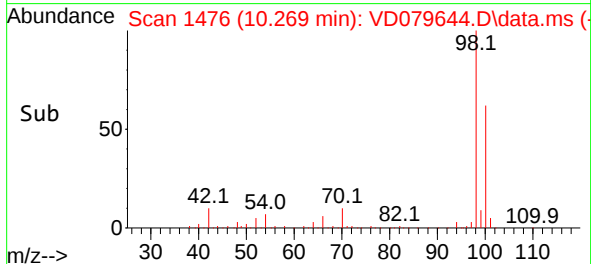
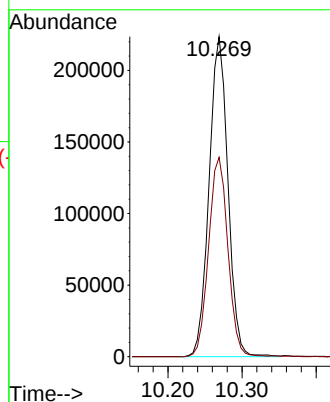
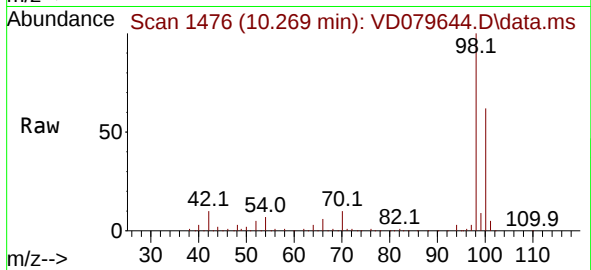




#50
Toluene-d8
Concen: 42.571 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079644.D
Acq: 07 Aug 2024 16:41

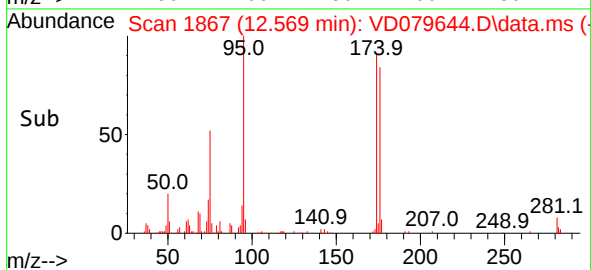
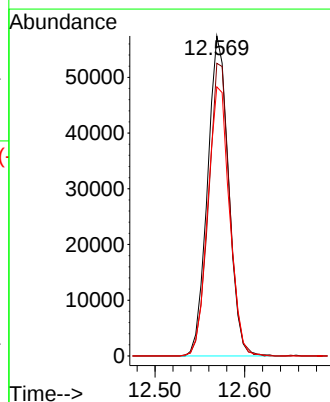
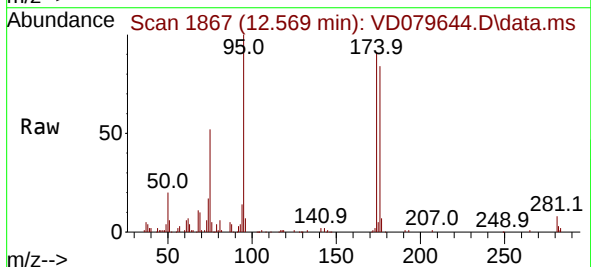
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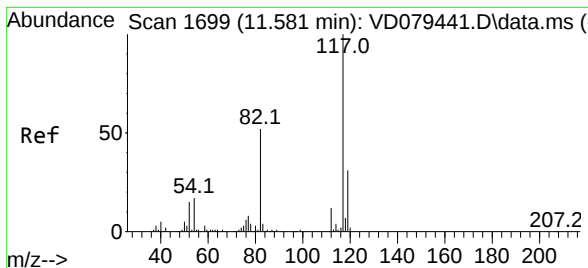
Tgt Ion: 98 Resp: 394923
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.813 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079644.D
Acq: 07 Aug 2024 16:41

Tgt Ion: 95 Resp: 93458
Ion Ratio Lower Upper
95 100
174 91.2 0.0 195.4
176 86.9 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: VD079644.D

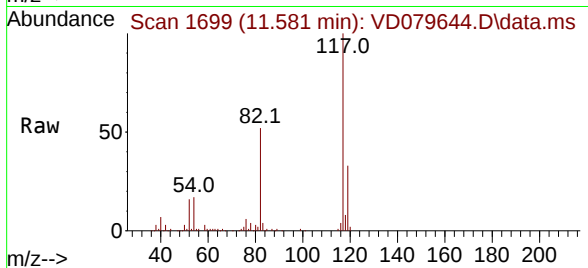
Acq: 07 Aug 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-2.5-3-072624



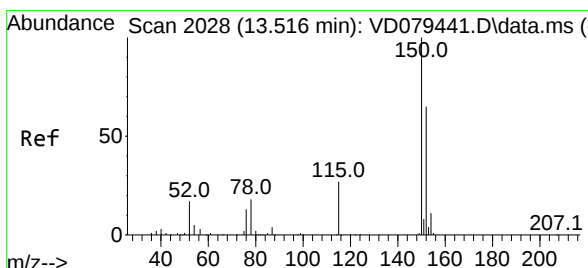
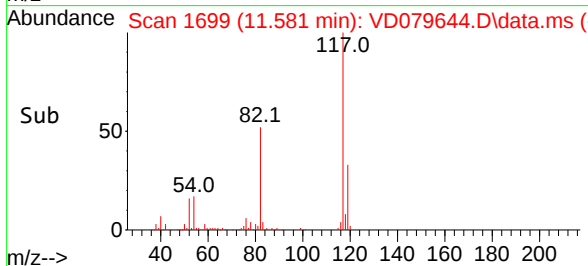
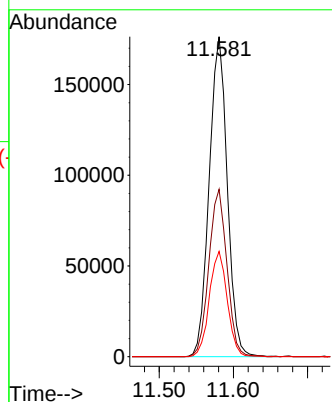
Tgt Ion:117 Resp: 298847

Ion Ratio Lower Upper

117 100

82 52.3 39.8 59.6

119 32.9 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: VD079644.D

Acq: 07 Aug 2024 16:41

Tgt Ion:152 Resp: 110268

Ion Ratio Lower Upper

152 100

115 55.8 26.5 79.5

150 157.9 0.0 341.6

