

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079598.D
 Acq On : 06 Aug 2024 01:02
 Operator : RP/MD
 Sample : P3374-01
 Misc : 9.09G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-864-K2-SO-12-12.5-072024

Quant Time: Aug 06 02:54:20 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)

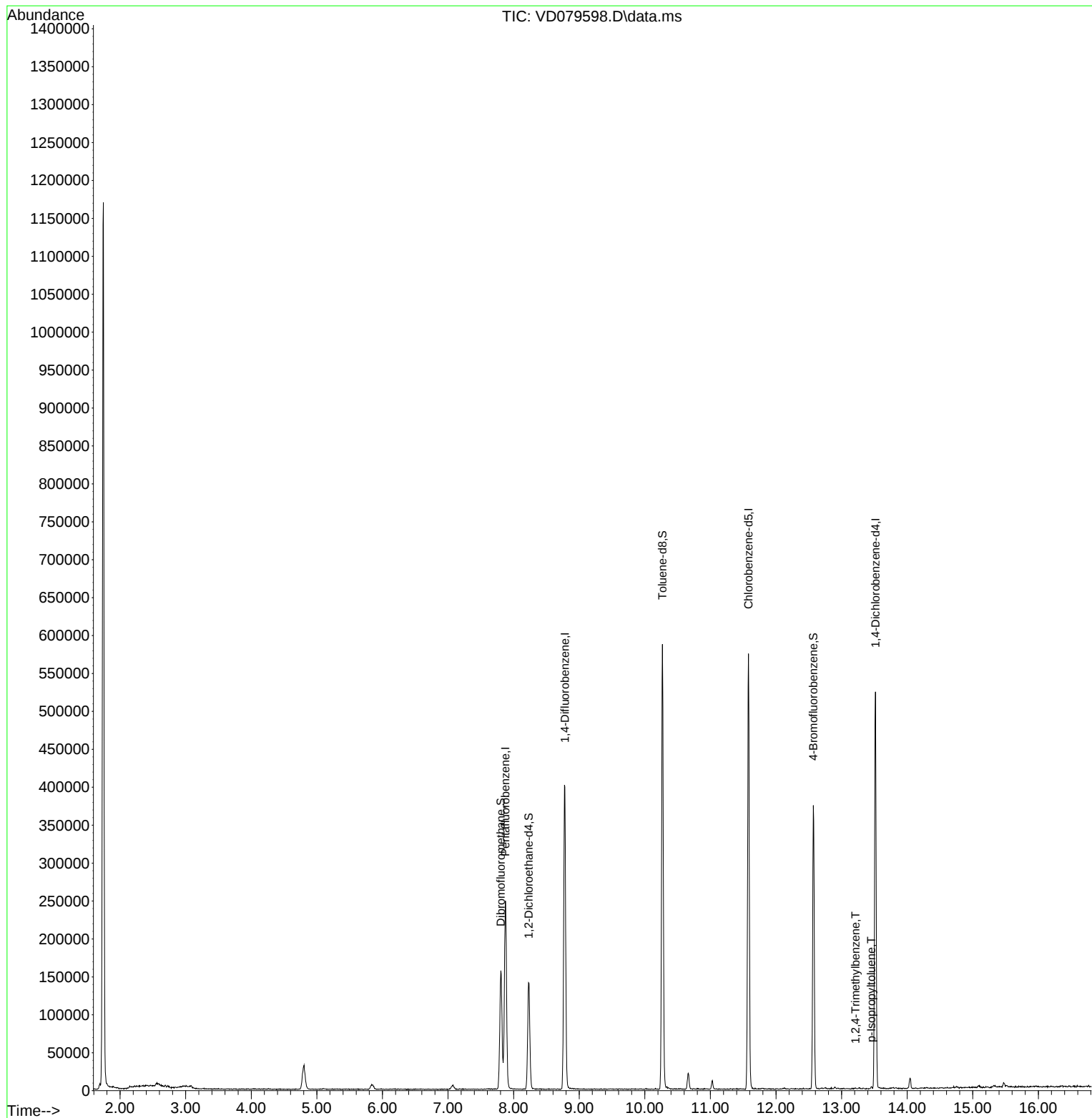
Internal Standards						
1) Pentafluorobenzene	7.875	168	192832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	371792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110722	56.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.805	113	115684	45.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.269	98	411420	42.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.200%
62) 4-Bromofluorobenzene	12.569	95	112087	39.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.280%
Target Compounds						
						Qvalue
84) 1,2,4-Trimethylbenzene	13.210	105	674	3.496	ug/l	69
86) p-Isopropyltoluene	13.451	119	800	3.957	ug/l #	88

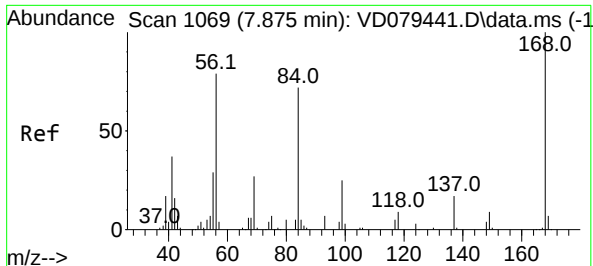
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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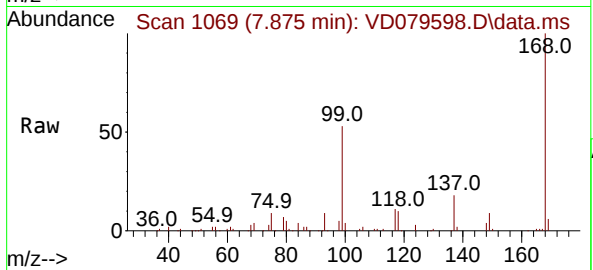
Quant Time: Aug 06 02:54:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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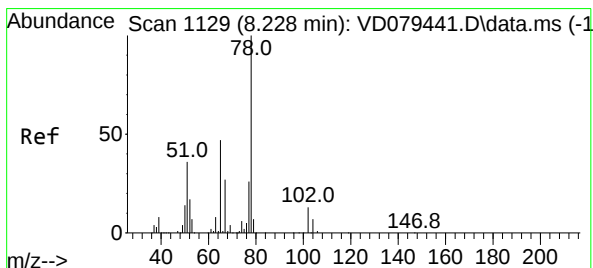
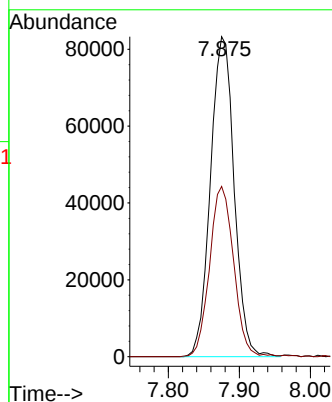
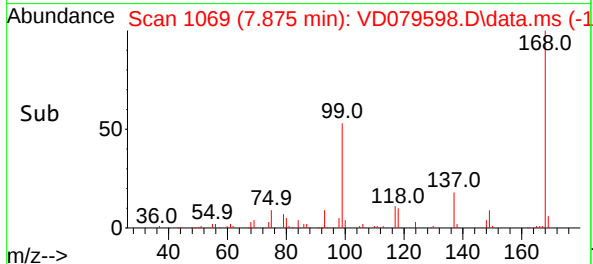


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024

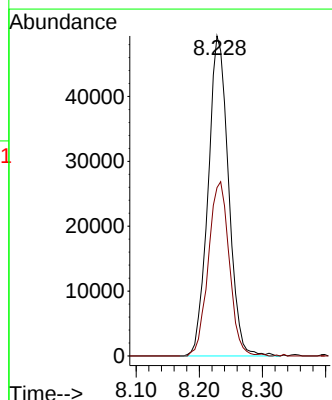
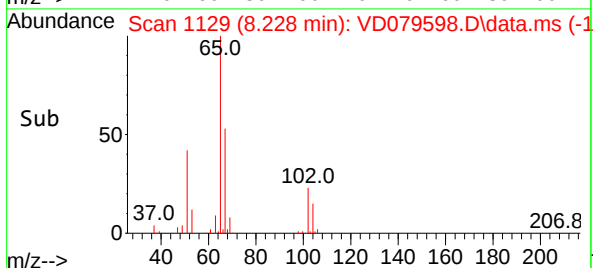
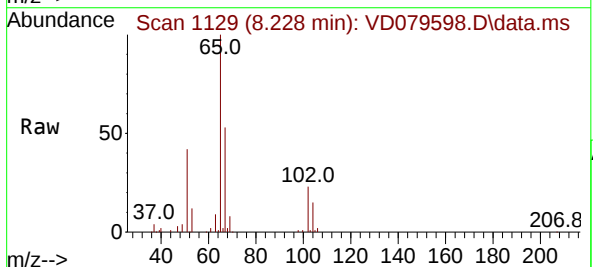


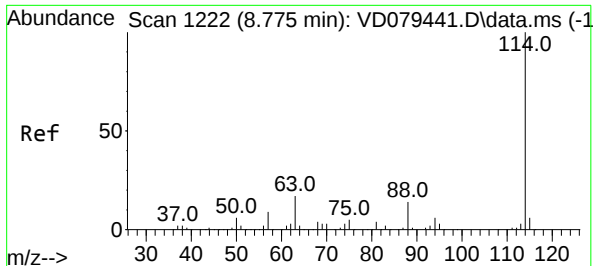
Tgt Ion:168 Resp: 192832
Ion Ratio Lower Upper
168 100
99 53.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 56.520 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 65 Resp: 110722
Ion Ratio Lower Upper
65 100
67 55.9 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: VD079598.D

Acq: 06 Aug 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

S-864-K2-SO-12-12.5-072024

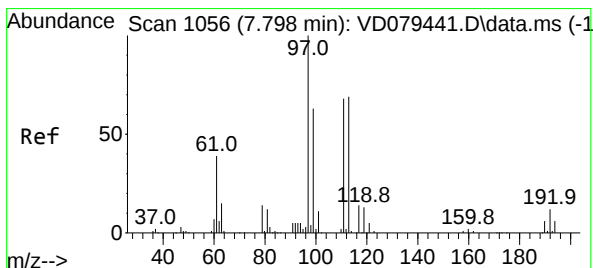
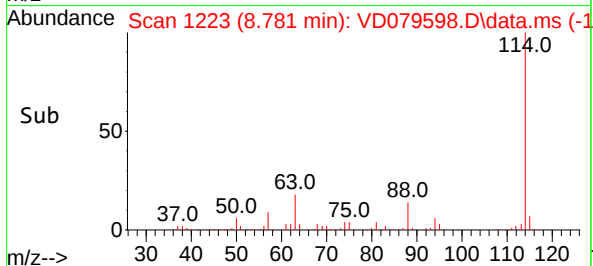
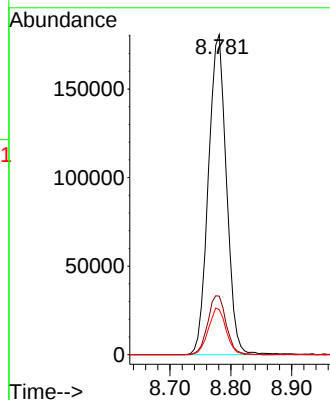
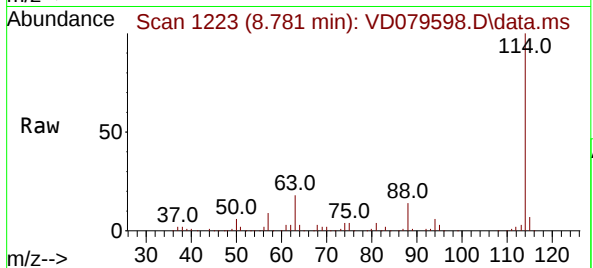
Tgt Ion:114 Resp: 371792

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.971 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079598.D

Acq: 06 Aug 2024 01:02

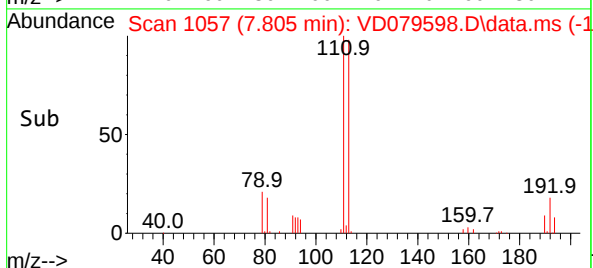
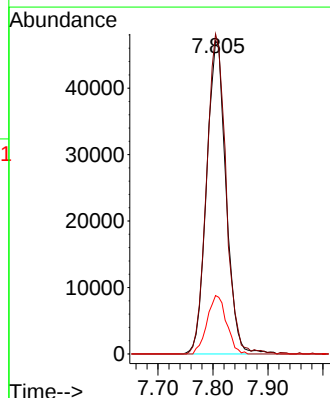
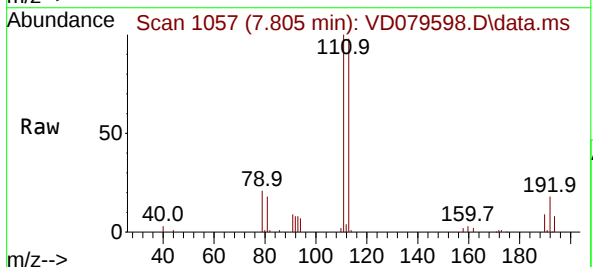
Tgt Ion:113 Resp: 115684

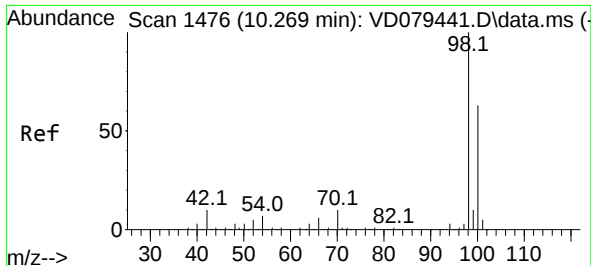
Ion Ratio Lower Upper

113 100

111 102.2 84.0 126.0

192 18.6 15.4 23.0

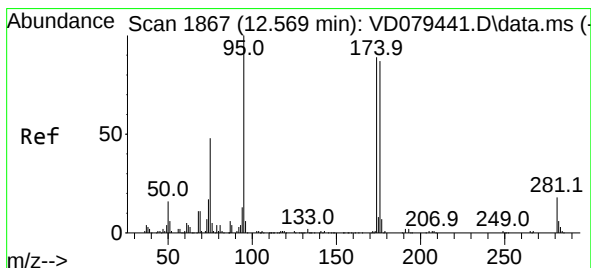
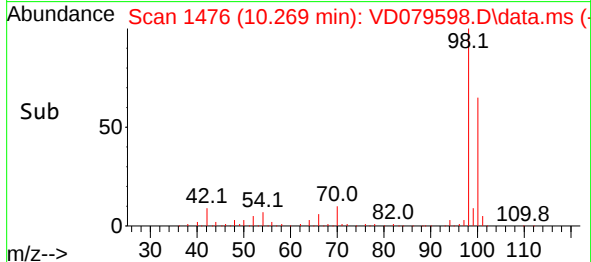
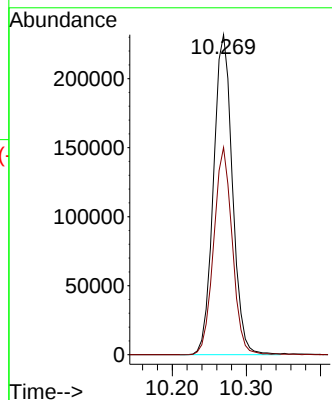
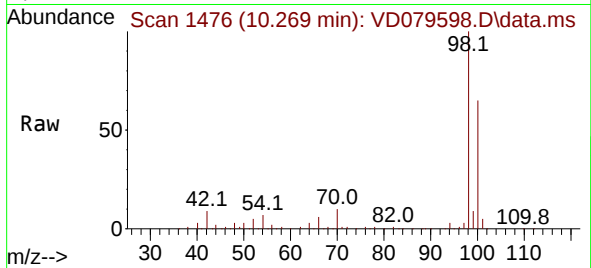




#50
Toluene-d8
Concen: 42.100 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

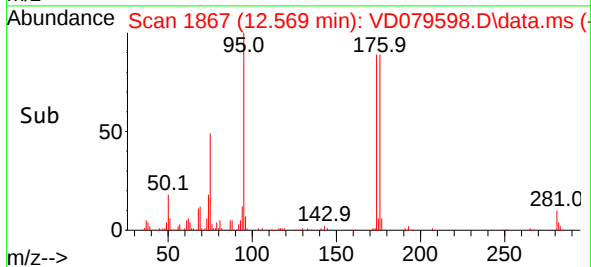
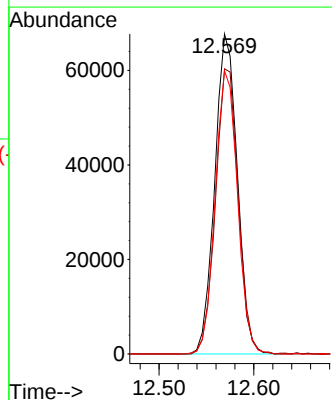
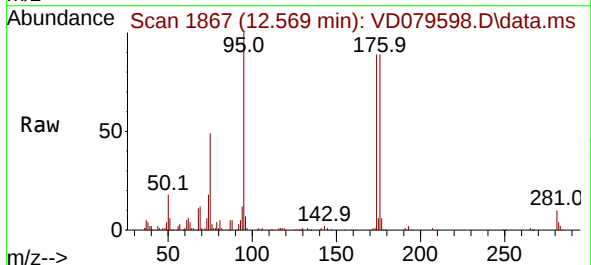
Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024

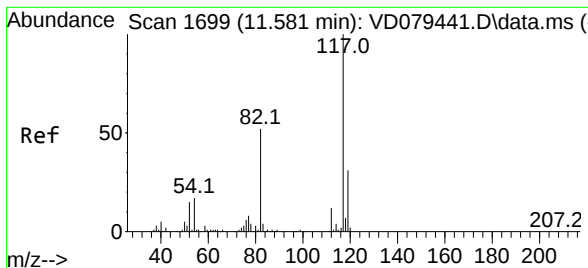
Tgt Ion: 98 Resp: 411420
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.636 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 95 Resp: 112087
Ion Ratio Lower Upper
95 100
174 89.4 0.0 195.4
176 87.6 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: VD079598.D

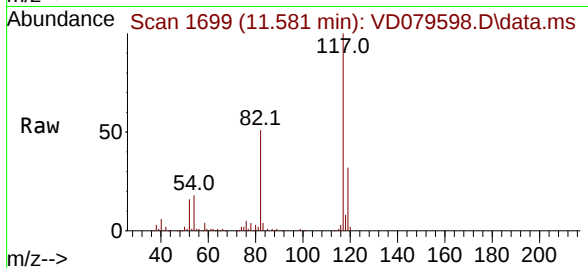
Acq: 06 Aug 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

S-864-K2-SO-12-12.5-072024



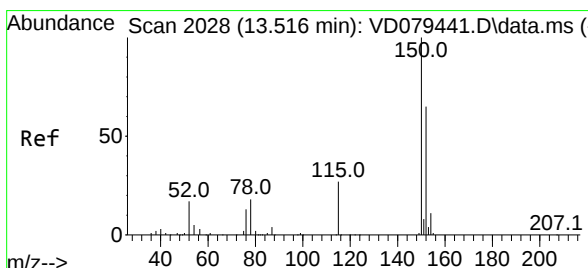
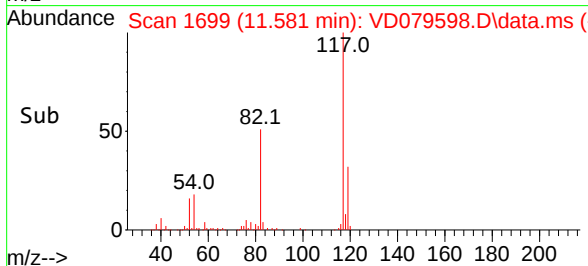
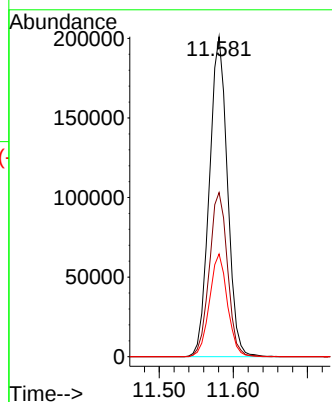
Tgt Ion:117 Resp: 340217

Ion Ratio Lower Upper

117 100

82 51.3 39.8 59.6

119 32.1 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: VD079598.D

Acq: 06 Aug 2024 01:02

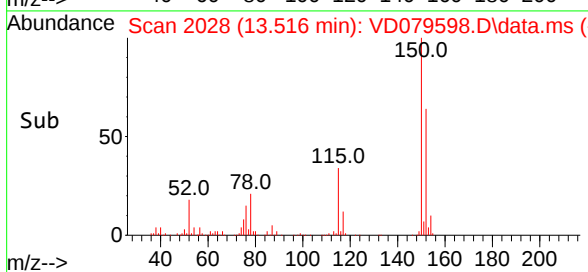
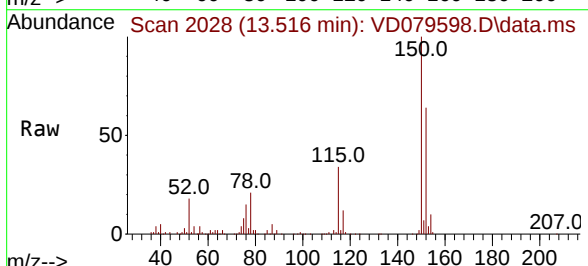
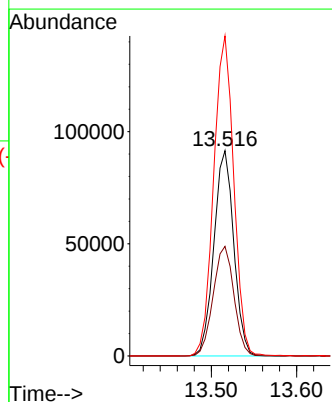
Tgt Ion:152 Resp: 148420

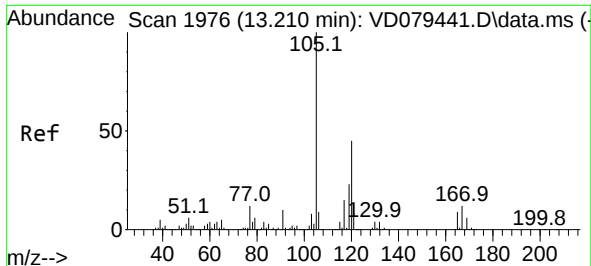
Ion Ratio Lower Upper

152 100

115 55.8 26.5 79.5

150 157.6 0.0 341.6

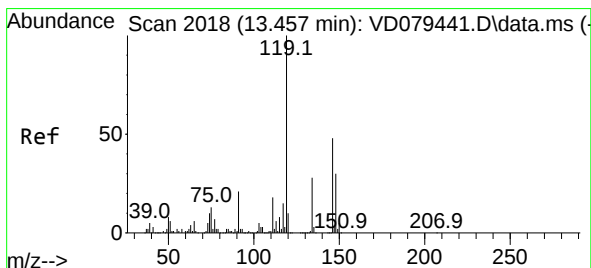
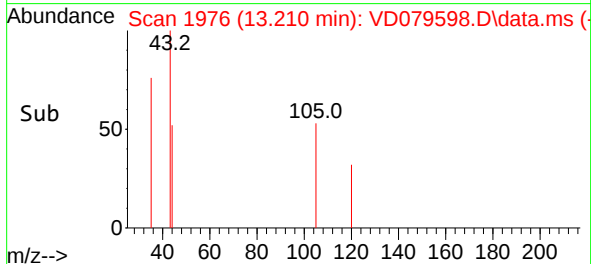
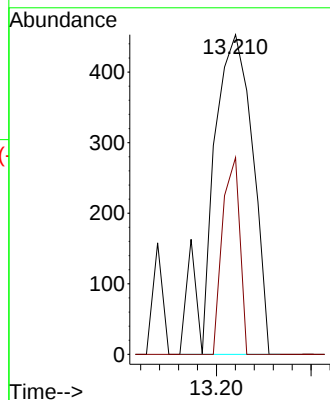
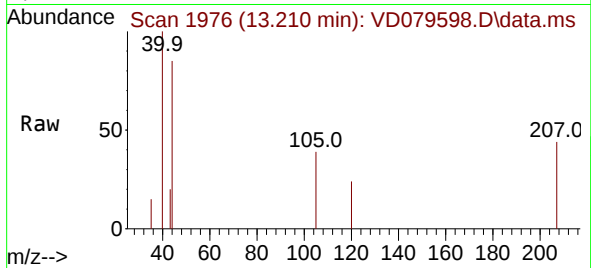




#84
1,2,4-Trimethylbenzene
Concen: 3.496 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024

Tgt Ion:105 Resp: 674
Ion Ratio Lower Upper
105 100
120 26.4 23.6 71.0



#86
p-Isopropyltoluene
Concen: 3.957 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion:119 Resp: 800
Ion Ratio Lower Upper
119 100
134 28.5 13.7 41.1
91 9.8 10.7 32.1#

