

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016954.D
 Acq On : 09 Jan 2024 17:21
 Operator : SY/MD
 Sample : P1070-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-010824RE

Quant Time: Jan 10 02:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

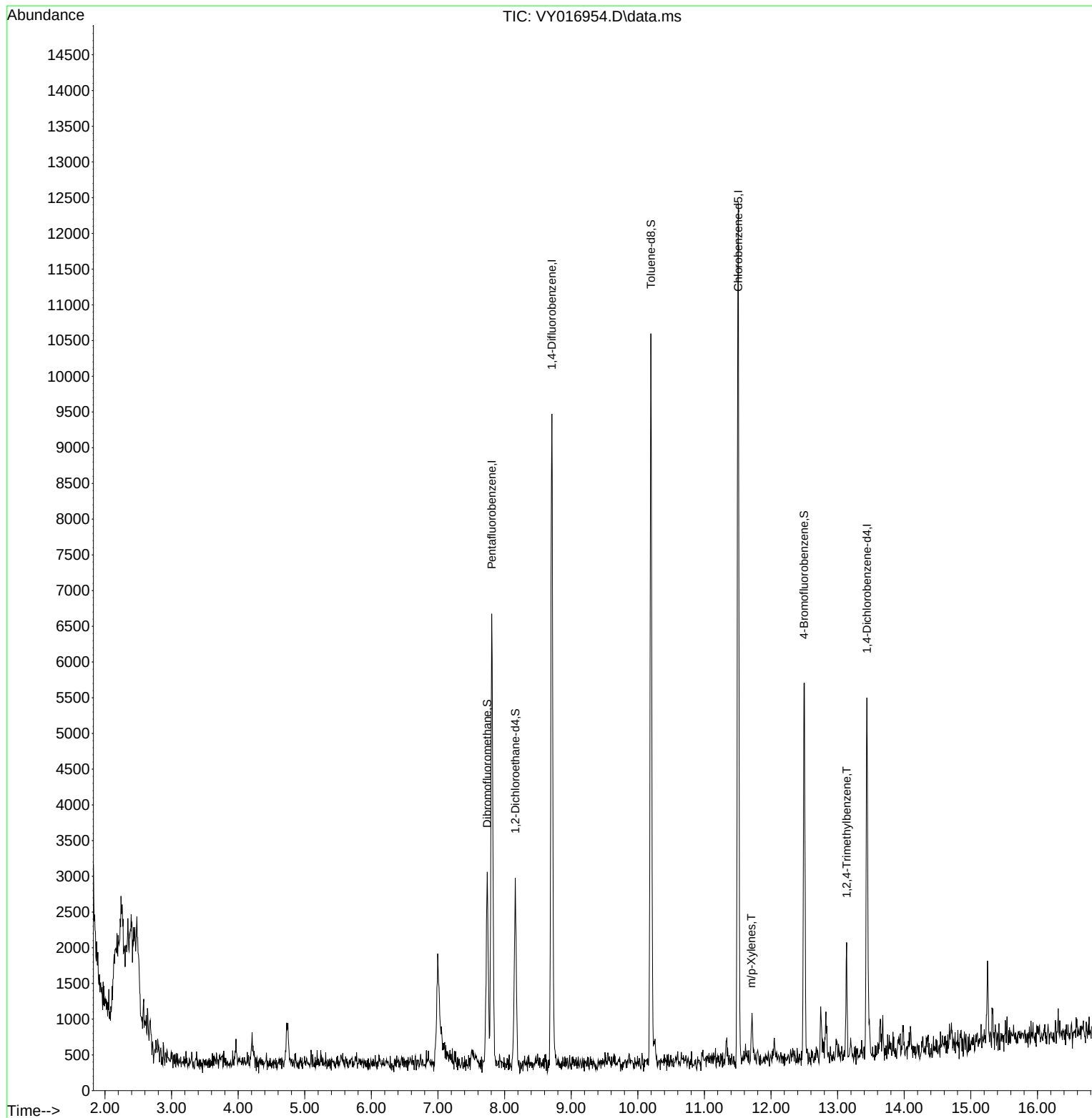
Internal Standards						
1) Pentafluorobenzene	7.807	168	5023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	8309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	6712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	1993	40.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.280%
35) Dibromofluoromethane	7.740	113	2144	40.493	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.980%
50) Toluene-d8	10.197	98	7076	38.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.620%
62) 4-Bromofluorobenzene	12.495	95	1762	28.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.280%
Target Compounds						
68) m/p-Xylenes	11.703	106	230	2.489	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.135	105	776	8.085	ug/l	74

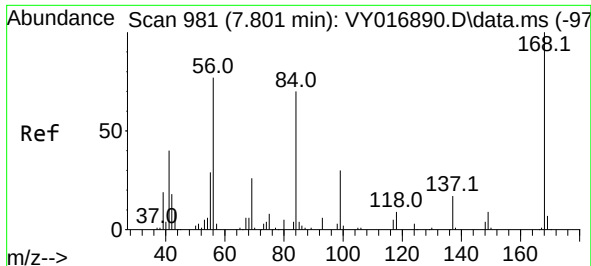
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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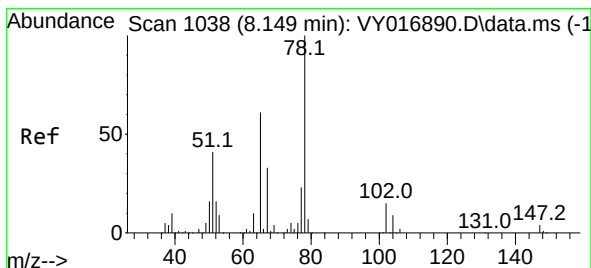
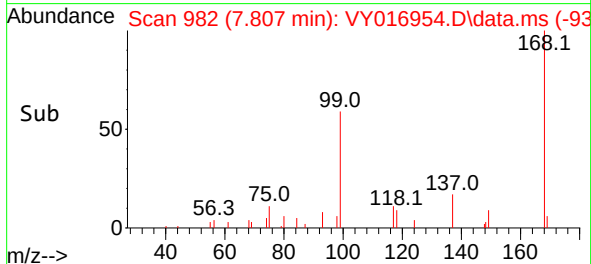
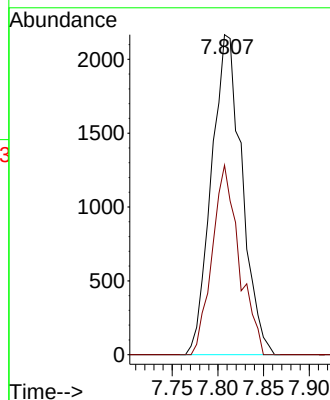
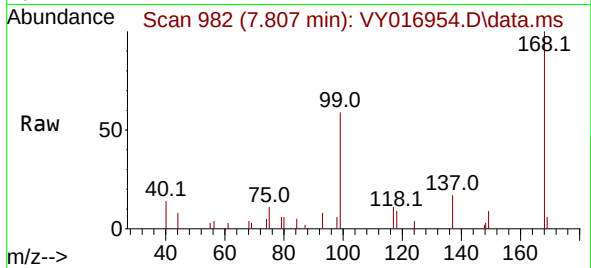




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016954.D
Acq: 09 Jan 2024 17:21

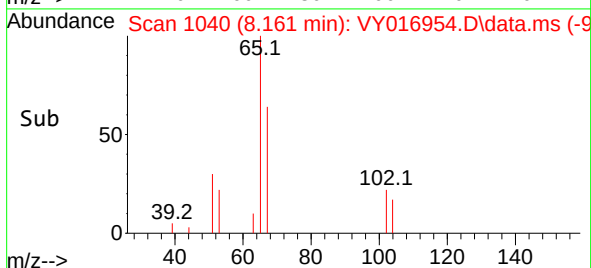
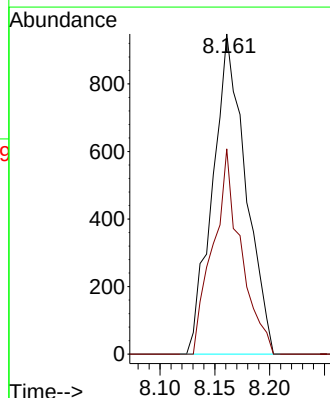
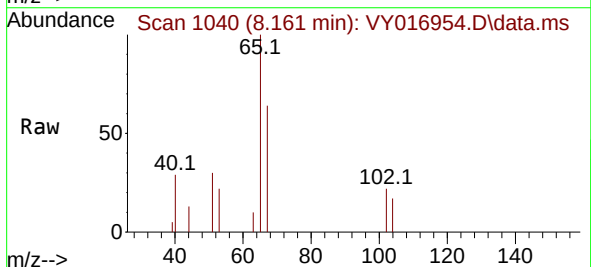
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-010824RE

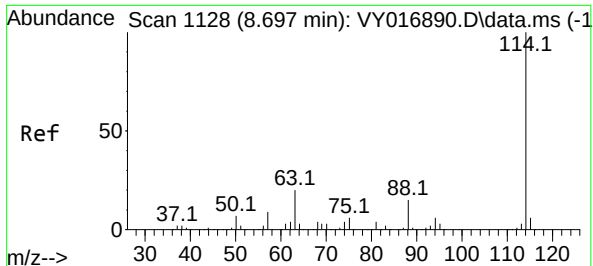
Tgt Ion:168 Resp: 5023
Ion Ratio Lower Upper
168 100
99 59.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 40.145 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016954.D
Acq: 09 Jan 2024 17:21

Tgt Ion: 65 Resp: 1993
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-010824RE

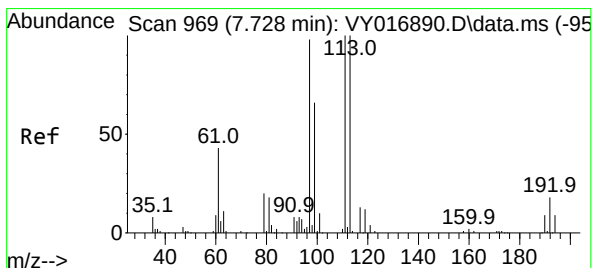
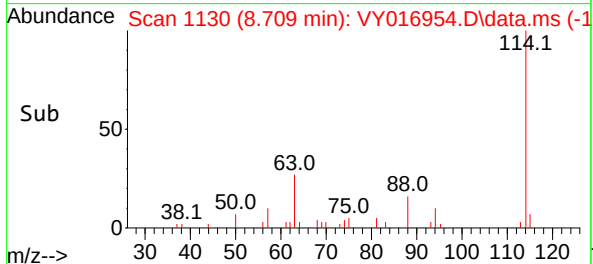
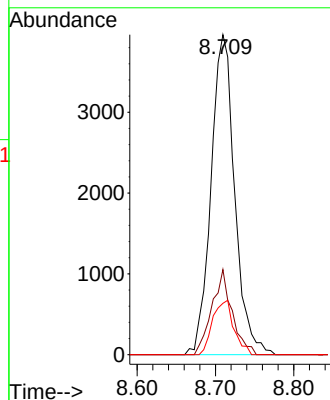
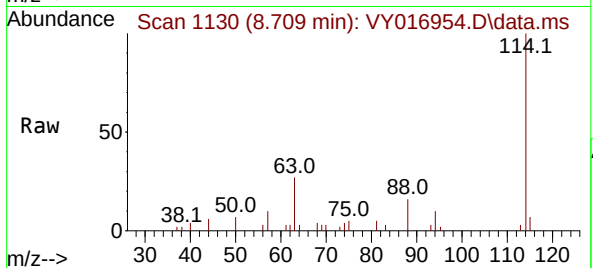
Tgt Ion:114 Resp: 8309

Ion Ratio Lower Upper

114 100

63 26.6 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.493 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

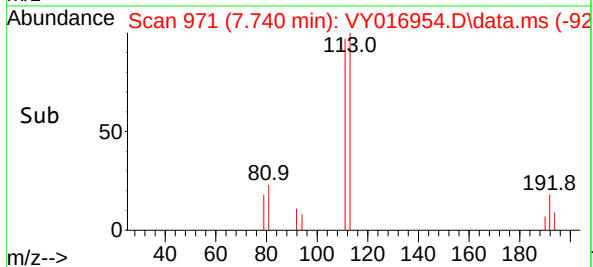
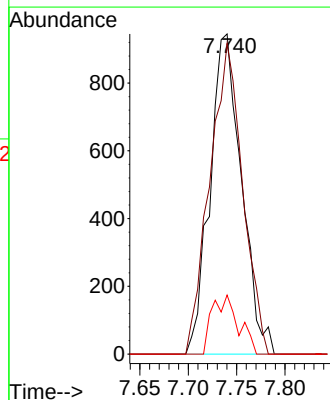
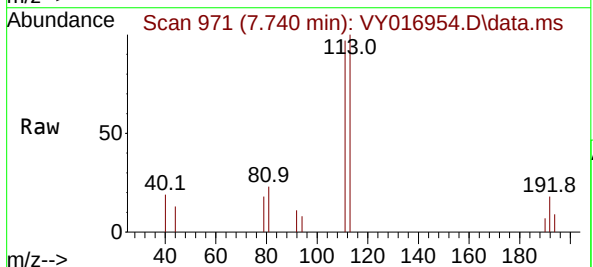
Tgt Ion:113 Resp: 2144

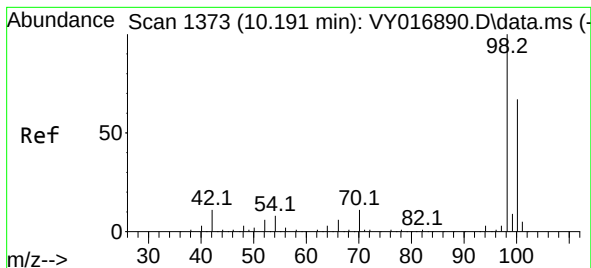
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 15.4 14.5 21.7





#50

Toluene-d8

Concen: 38.809 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

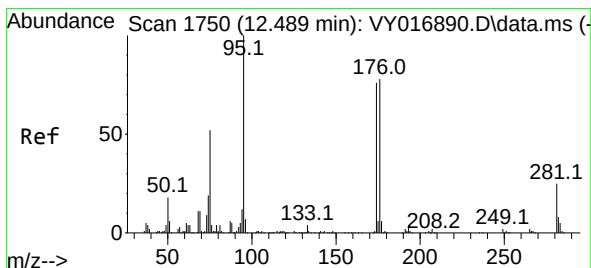
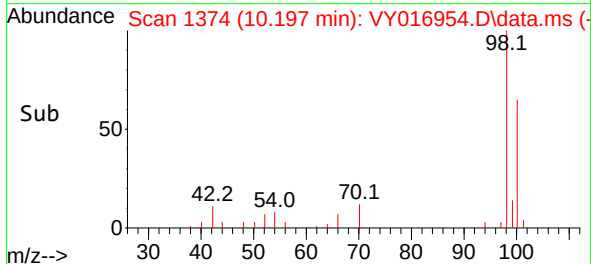
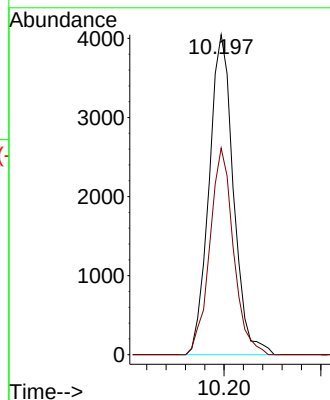
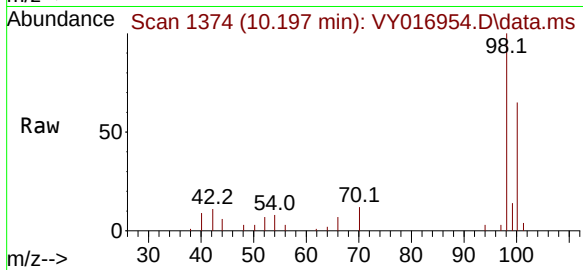
HD-01-010824RE

Tgt Ion: 98 Resp: 7076

Ion Ratio Lower Upper

98 100

100 62.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 28.643 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

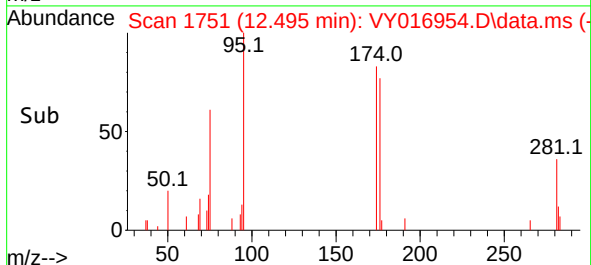
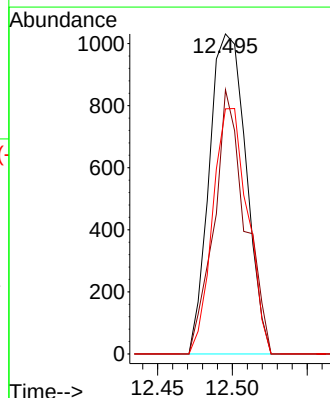
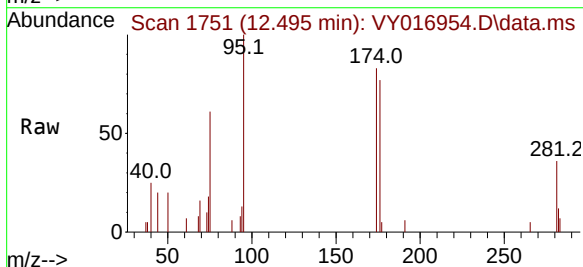
Tgt Ion: 95 Resp: 1762

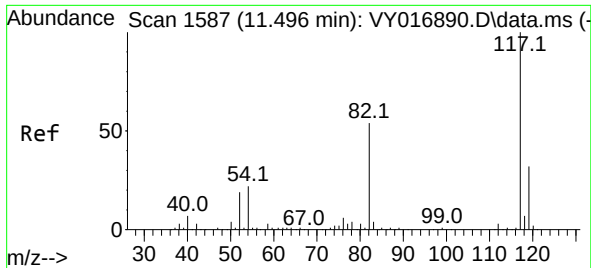
Ion Ratio Lower Upper

95 100

174 70.1 0.0 160.0

176 72.8 0.0 151.8

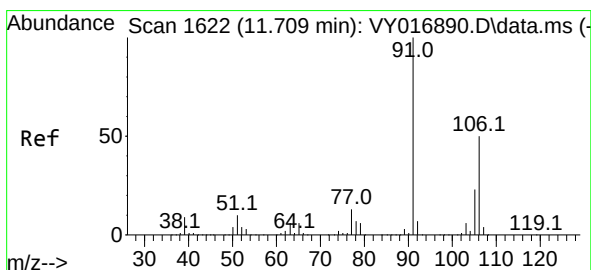
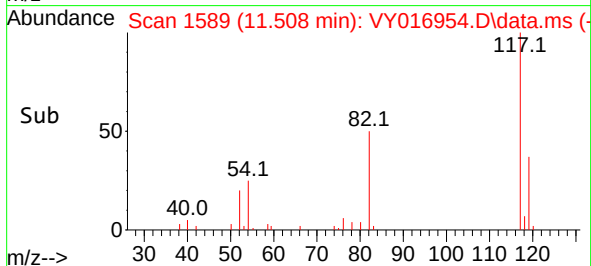
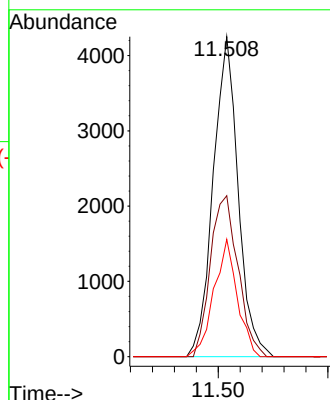
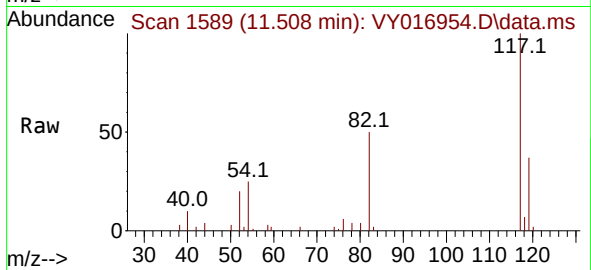




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016954.D
Acq: 09 Jan 2024 17:21

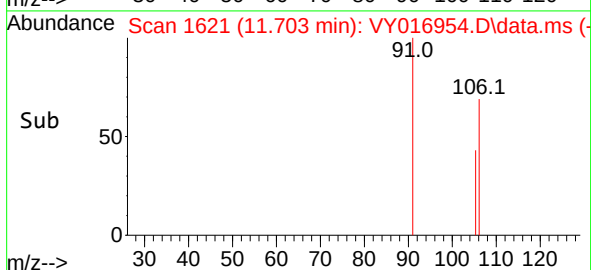
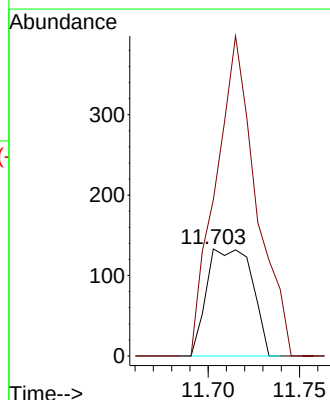
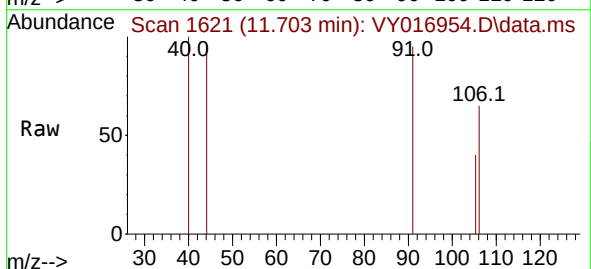
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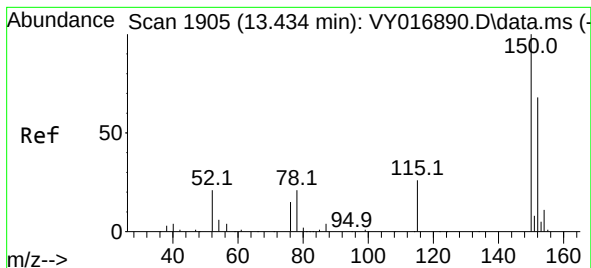
Tgt Ion:117 Resp: 6712
Ion Ratio Lower Upper
117 100
82 50.3 43.8 65.8
119 36.7 26.5 39.7



#68
m/p-Xylenes
Concen: 2.489 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016954.D
Acq: 09 Jan 2024 17:21

Tgt Ion:106 Resp: 230
Ion Ratio Lower Upper
106 100
91 267.0 160.7 241.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-010824RE

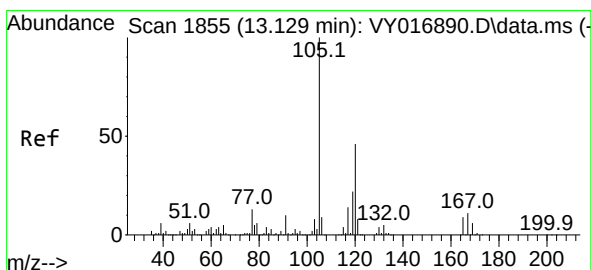
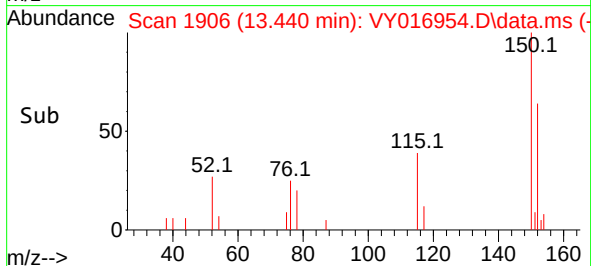
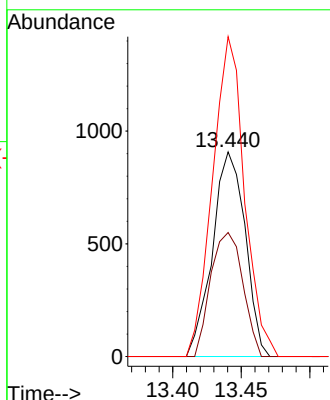
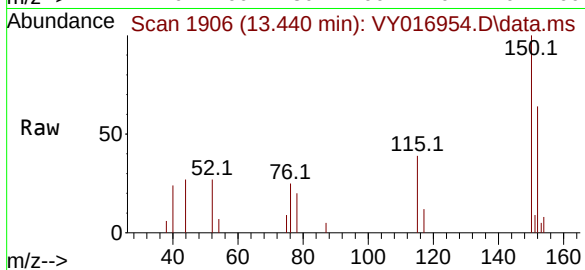
Tgt Ion:152 Resp: 1509

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 152.6 0.0 344.6



#84

1,2,4-Trimethylbenzene

Concen: 8.085 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016954.D

Acq: 09 Jan 2024 17:21

Tgt Ion:105 Resp: 776

Ion Ratio Lower Upper

105 100

120 61.3 22.1 66.3

