

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018878.D
 Acq On : 19 Jul 2024 13:40
 Operator : SY/MD
 Sample : P3294-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-1-071724RE

Quant Time: Jul 19 23:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	452	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	911	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	695	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.428	152	92	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	529	118.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	237.880%#
35) Dibromofluoromethane	7.716	113	176	30.846	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.700%
50) Toluene-d8	10.185	98	1085	50.192	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.471	95	97	13.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	26.280%#

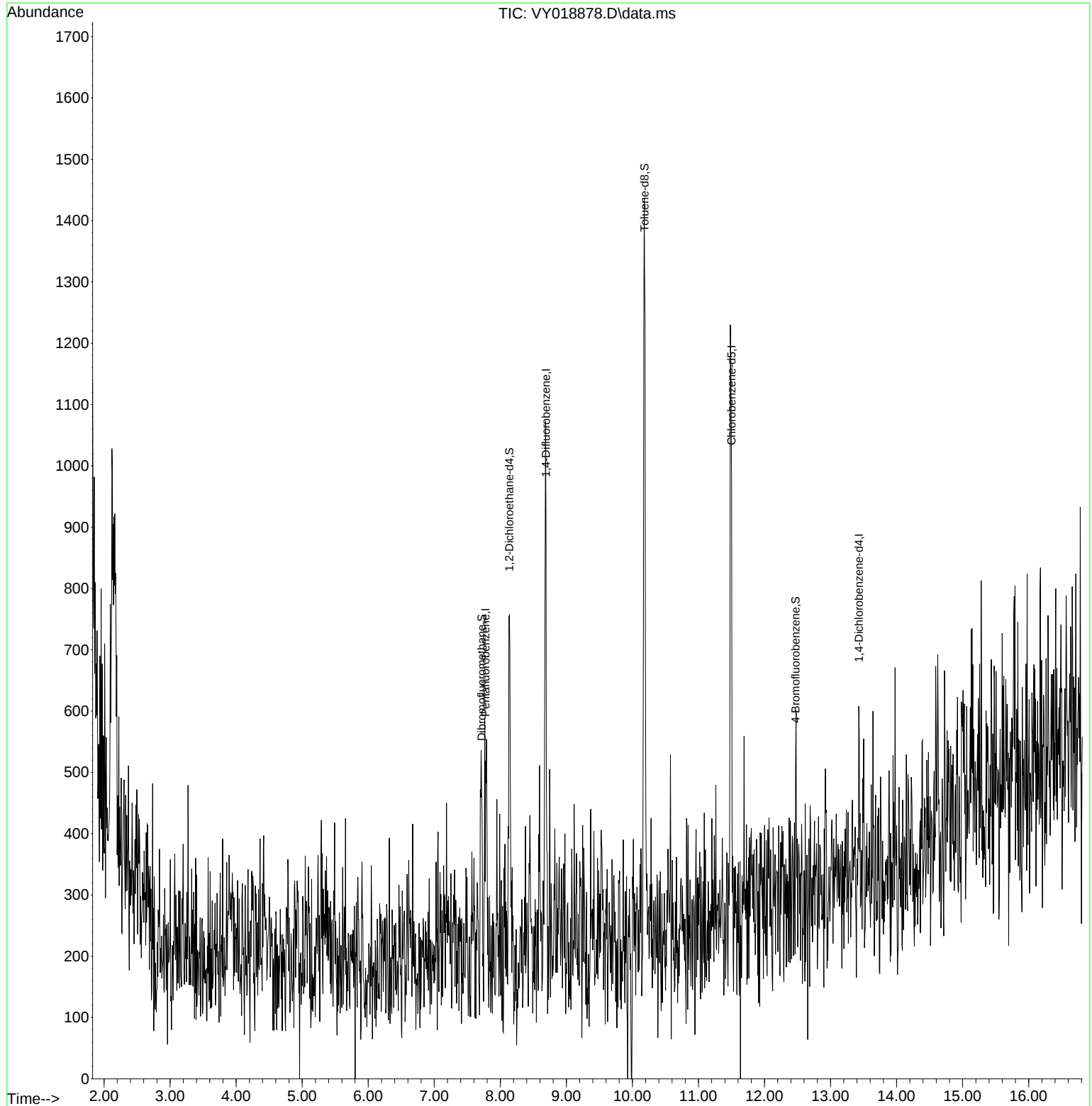
Target Compounds	Qvalue

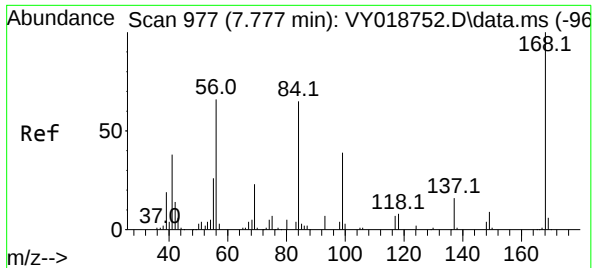
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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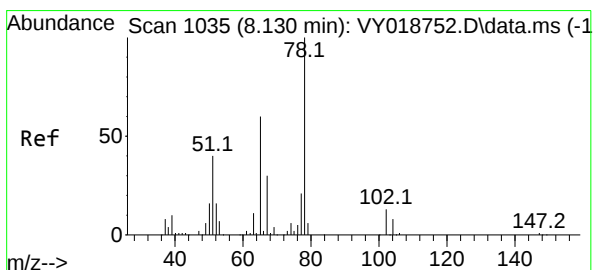
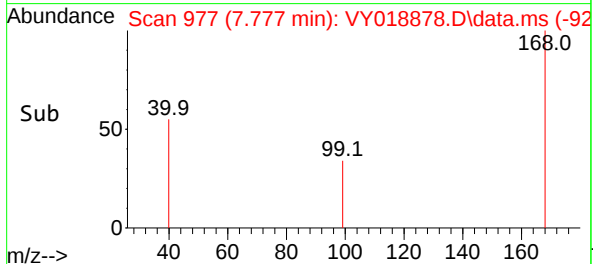
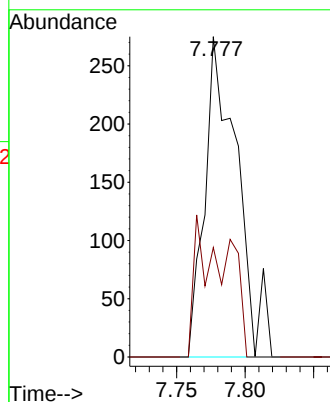
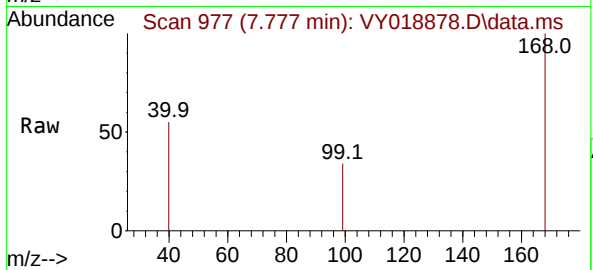




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018878.D
Acq: 19 Jul 2024 13:40

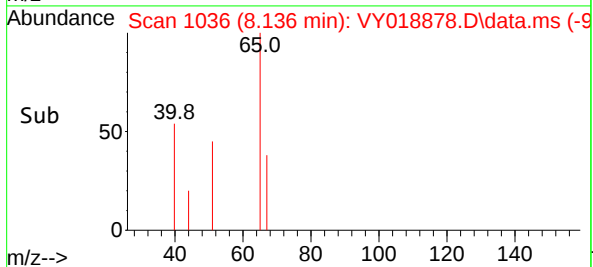
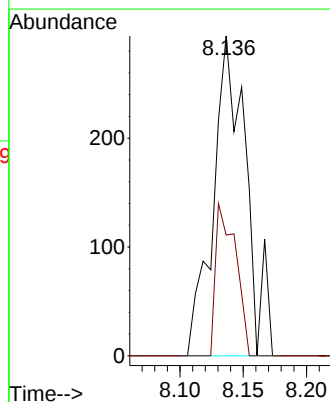
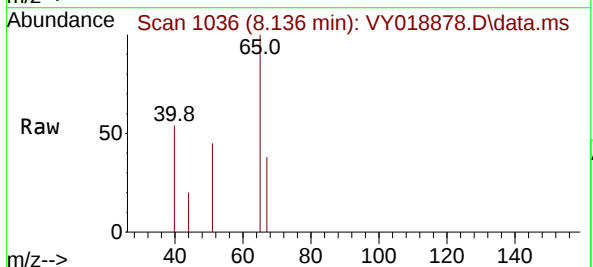
Instrument :
MSVOA_Y
ClientSampleId :
HR-1-071724RE

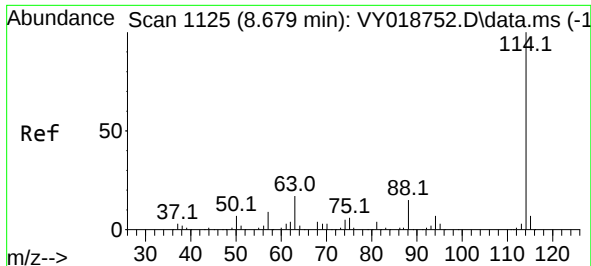
Tgt Ion:168 Resp: 452
Ion Ratio Lower Upper
168 100
99 34.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 118.936 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018878.D
Acq: 19 Jul 2024 13:40

Tgt Ion: 65 Resp: 529
Ion Ratio Lower Upper
65 100
67 29.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1125

Delta R.T. 0.012 min

Lab File: VY018878.D

Acq: 19 Jul 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

HR-1-071724RE

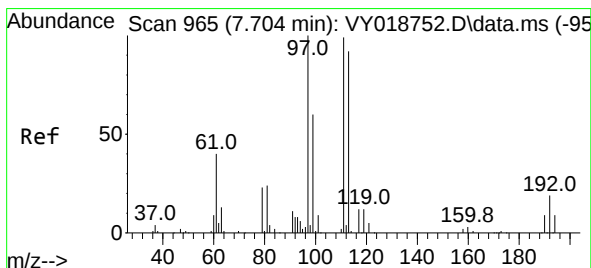
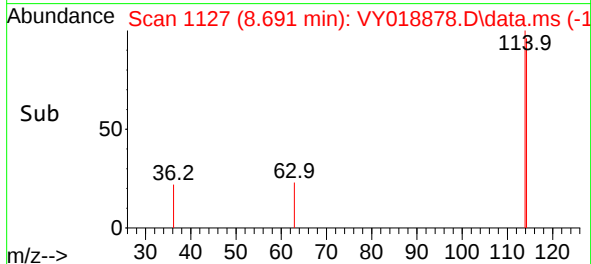
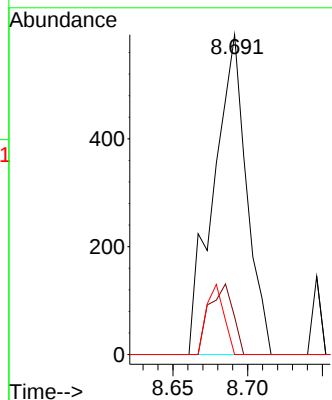
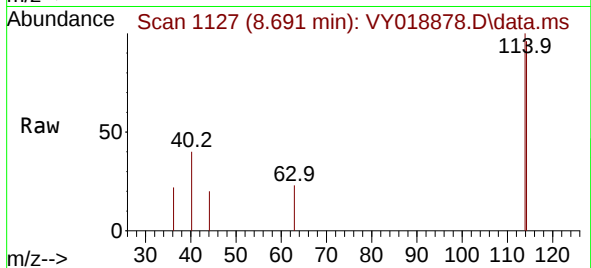
Tgt Ion:114 Resp: 911

Ion Ratio Lower Upper

114 100

63 11.8 0.0 35.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 30.846 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY018878.D

Acq: 19 Jul 2024 13:40

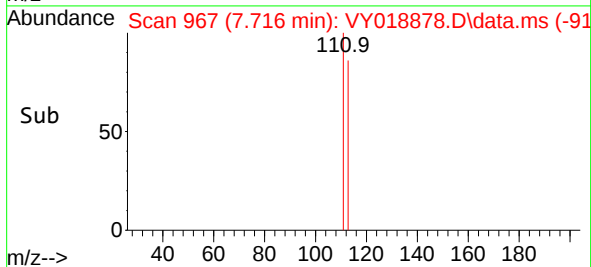
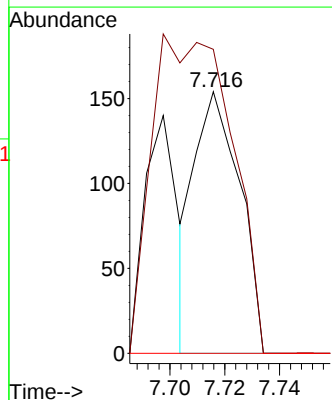
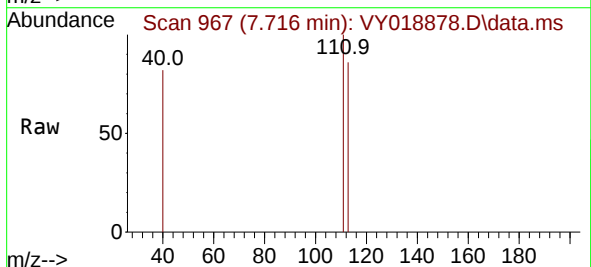
Tgt Ion:113 Resp: 176

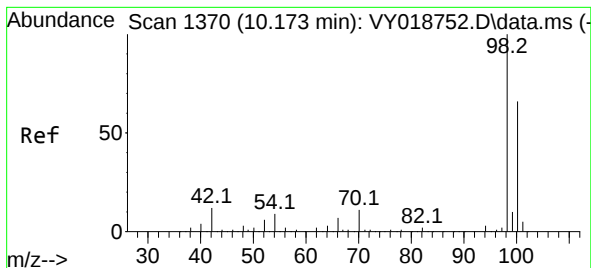
Ion Ratio Lower Upper

113 100

111 0.0 82.2 123.4#

192 0.0 15.9 23.9#





#50

Toluene-d8

Concen: 50.192 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018878.D

Acq: 19 Jul 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

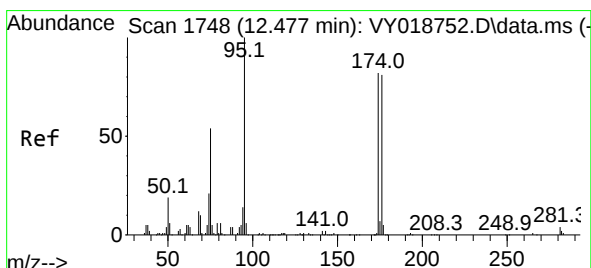
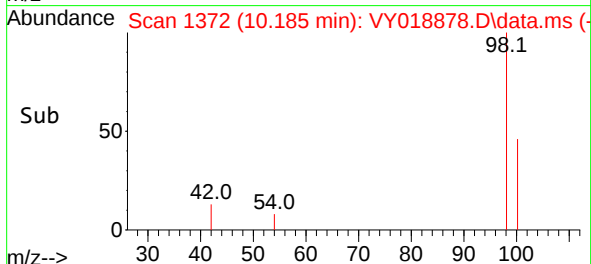
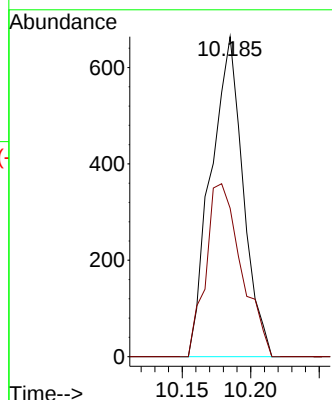
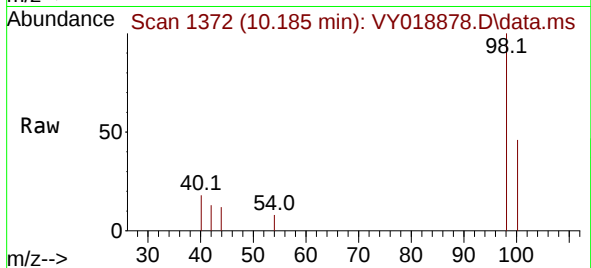
HR-1-071724RE

Tgt Ion: 98 Resp: 1085

Ion Ratio Lower Upper

98 100

100 59.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 13.140 ug/l

RT: 12.471 min Scan# 1747

Delta R.T. -0.006 min

Lab File: VY018878.D

Acq: 19 Jul 2024 13:40

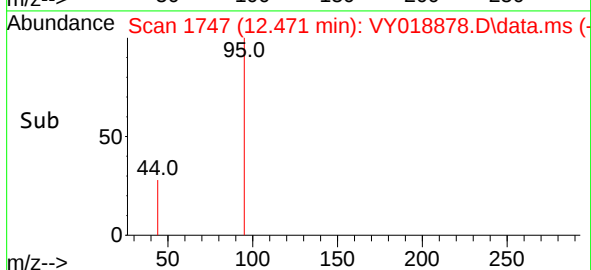
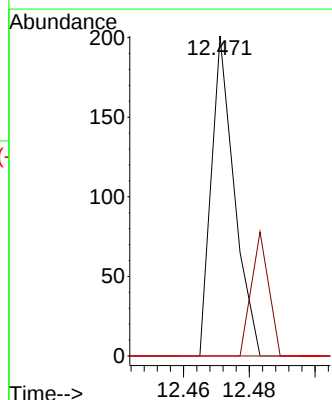
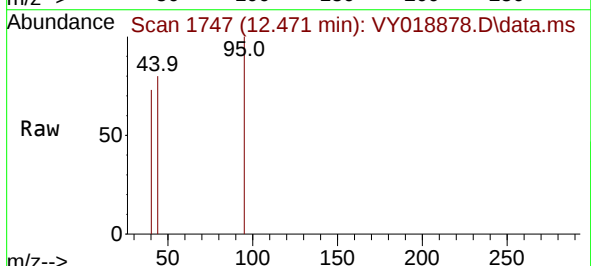
Tgt Ion: 95 Resp: 97

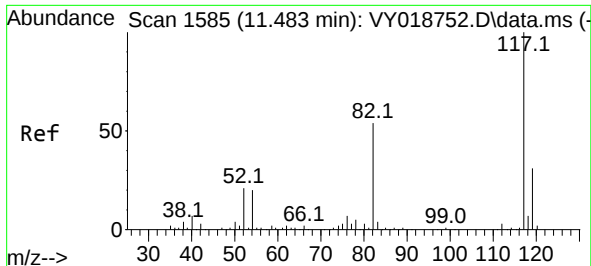
Ion Ratio Lower Upper

95 100

174 29.9 0.0 175.6

176 0.0 0.0 171.4

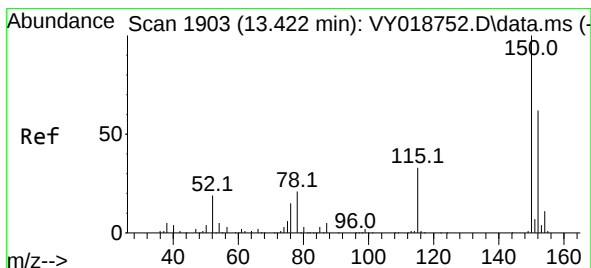
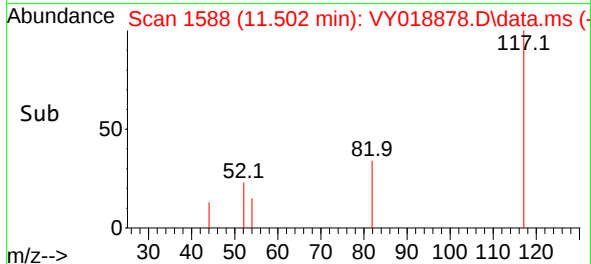
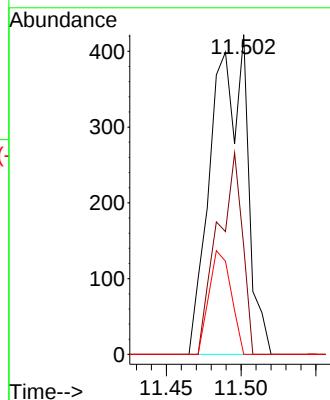
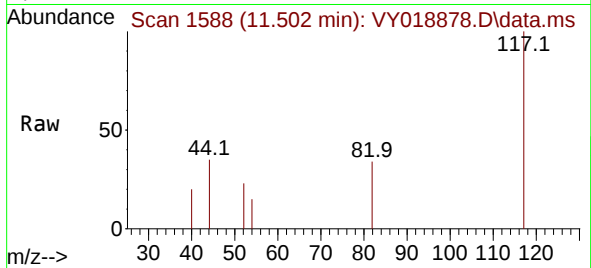




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018878.D
Acq: 19 Jul 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
HR-1-071724RE

Tgt Ion:117 Resp: 695
Ion Ratio Lower Upper
117 100
82 33.9 42.4 63.6#
119 0.0 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018878.D
Acq: 19 Jul 2024 13:40

Tgt Ion:152 Resp: 92
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 217.4 0.0 345.6

