

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018879.D
 Acq On : 19 Jul 2024 14:04
 Operator : SY/MD
 Sample : P3294-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-3-071724RE

Quant Time: Jul 19 23:04:24 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	7.783	168	1453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	2262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1697	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	846	59.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.340%
35) Dibromofluoromethane	7.716	113	795	56.115	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.179	98	2365	44.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.120%
62) 4-Bromofluorobenzene	12.483	95	292	15.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.860%

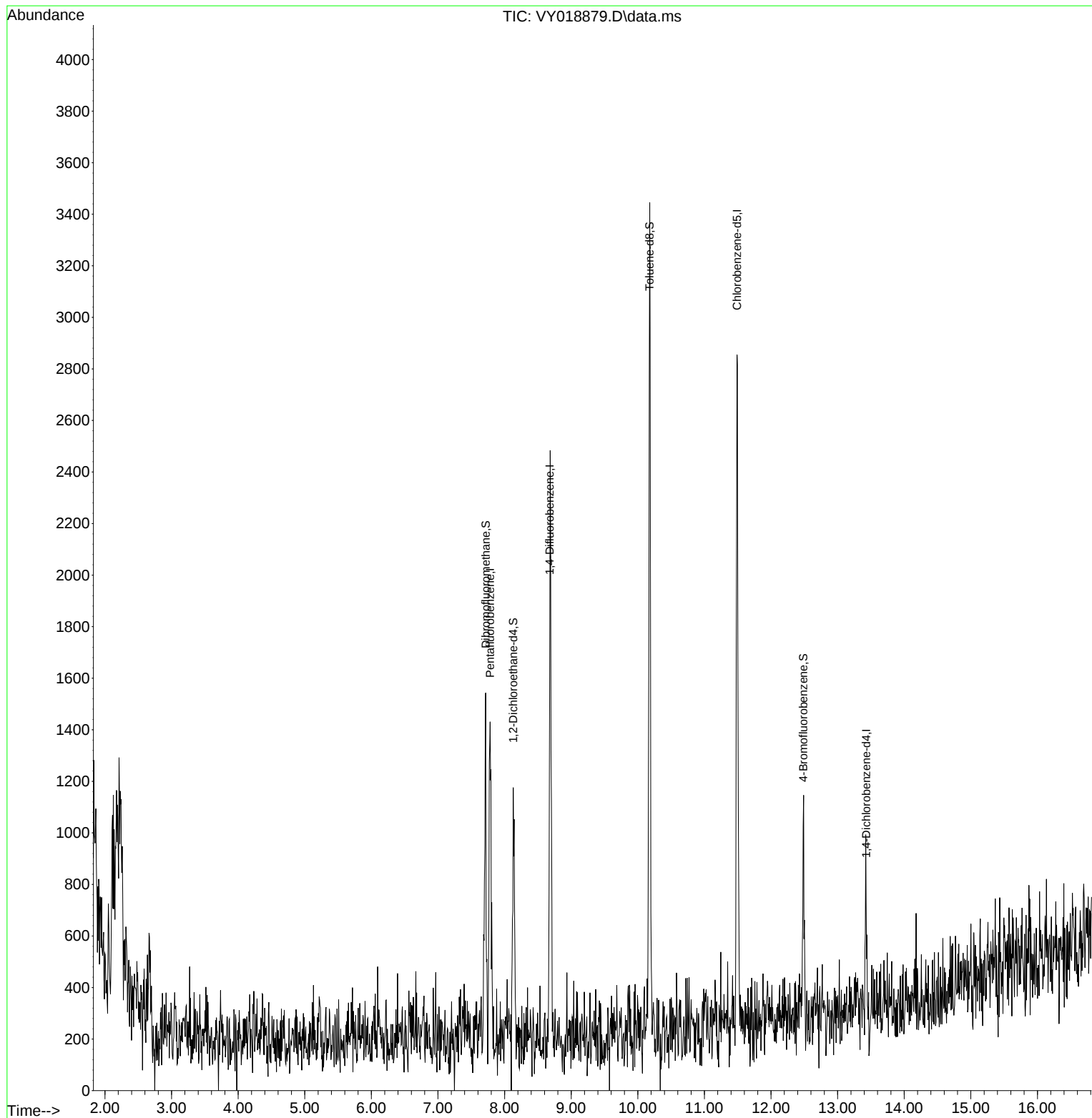
Target Compounds	Qvalue

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

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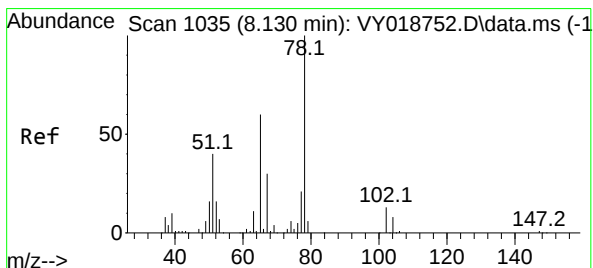
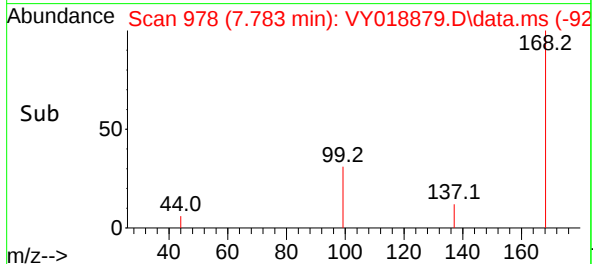
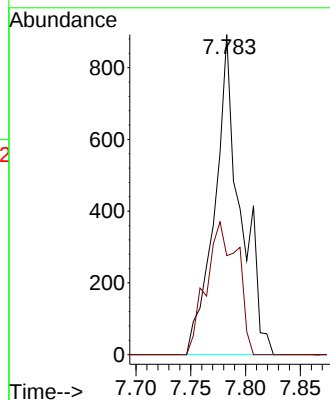
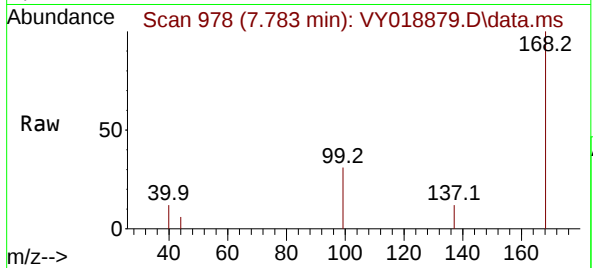




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

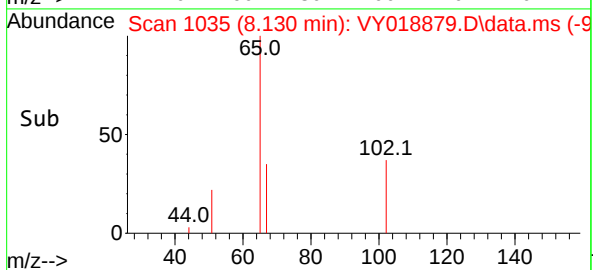
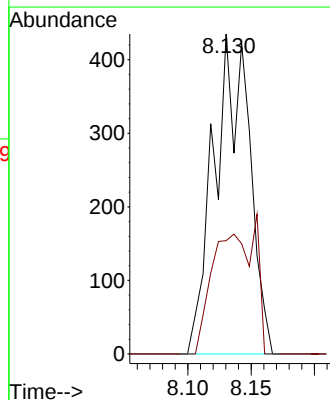
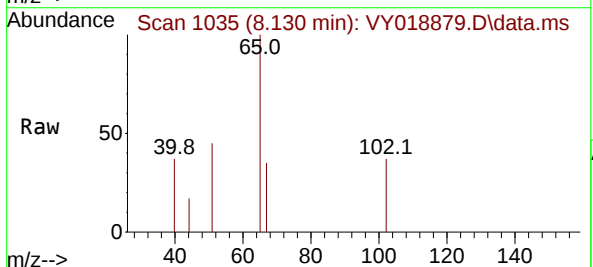
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-071724RE

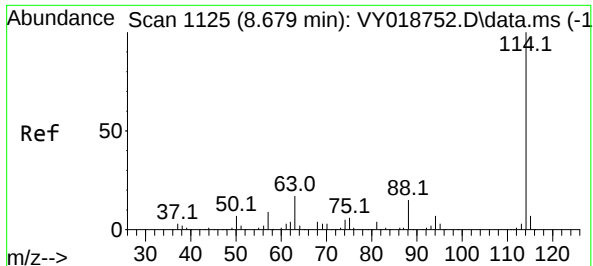
Tgt Ion:168 Resp: 1453
Ion Ratio Lower Upper
168 100
99 30.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.170 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion: 65 Resp: 846
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

HR-3-071724RE

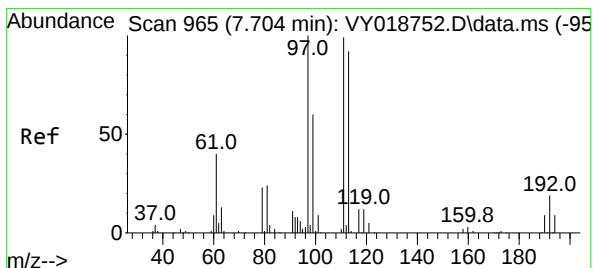
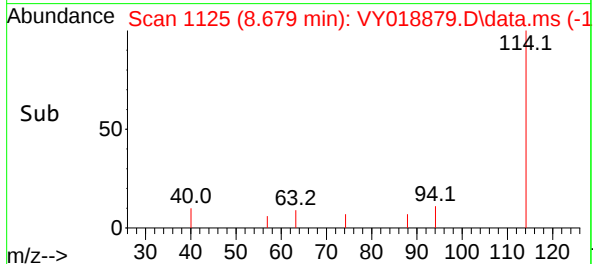
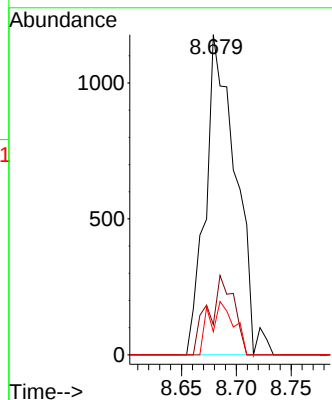
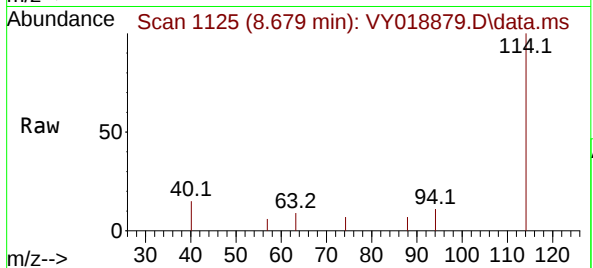
Tgt Ion:114 Resp: 2262

Ion Ratio Lower Upper

114 100

63 9.4 0.0 35.0

88 7.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.115 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

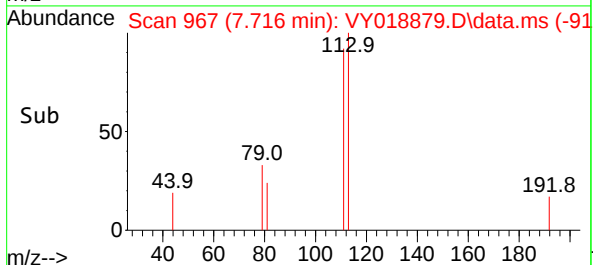
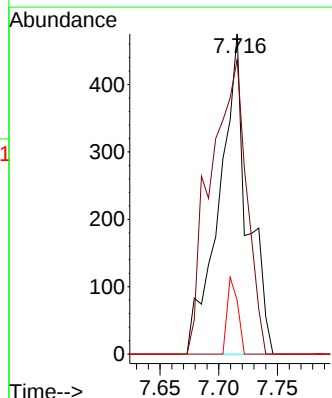
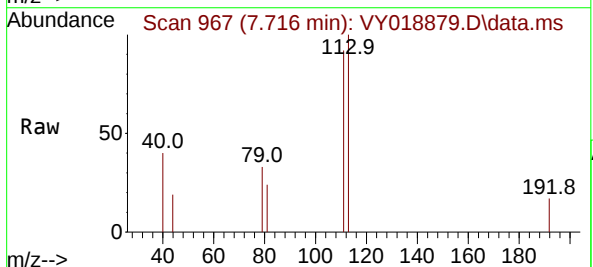
Tgt Ion:113 Resp: 795

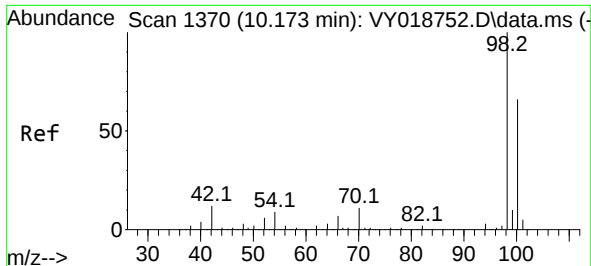
Ion Ratio Lower Upper

113 100

111 117.1 82.2 123.4

192 8.9 15.9 23.9#

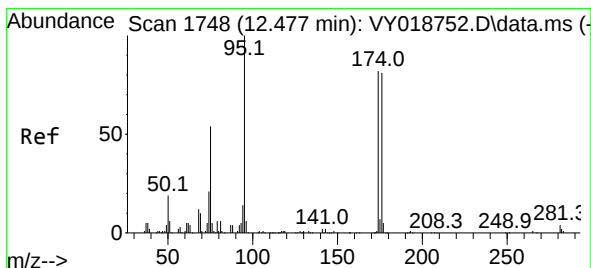
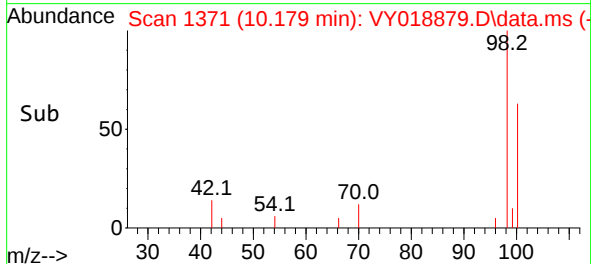
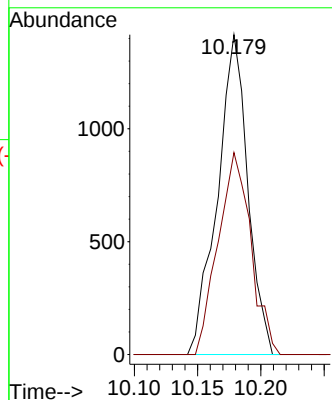
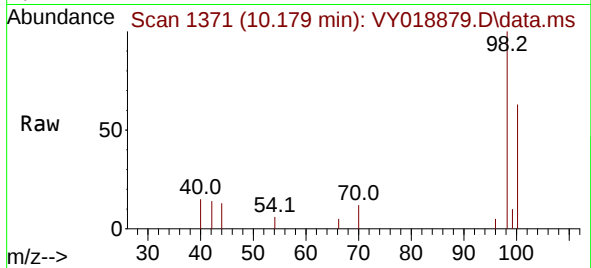




#50
Toluene-d8
Concen: 44.062 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

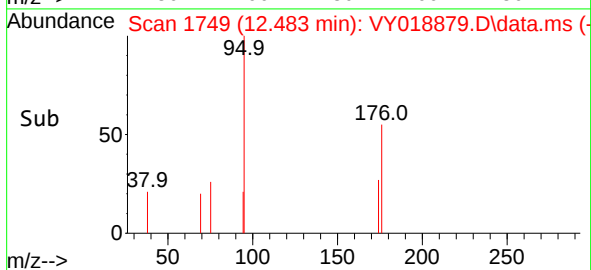
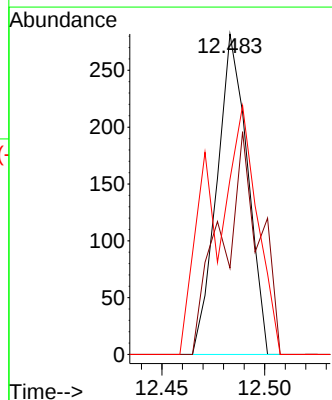
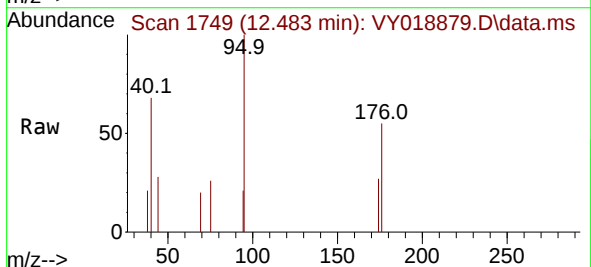
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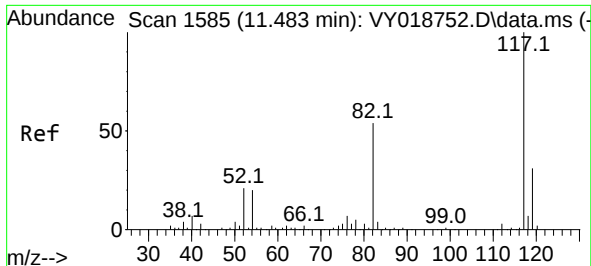
Tgt Ion: 98 Resp: 2365
Ion Ratio Lower Upper
98 100
100 68.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 15.930 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion: 95 Resp: 292
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 115.8 0.0 171.4

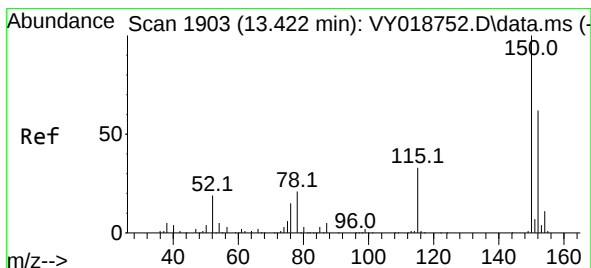
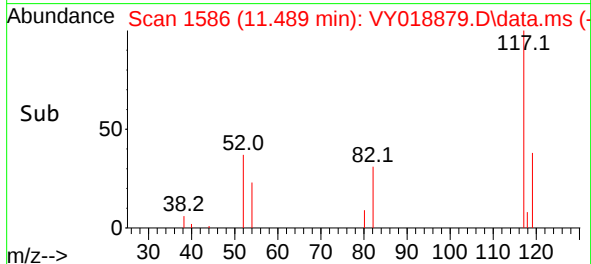
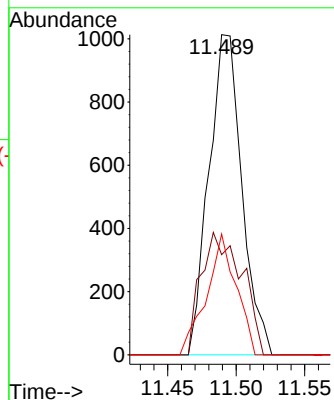
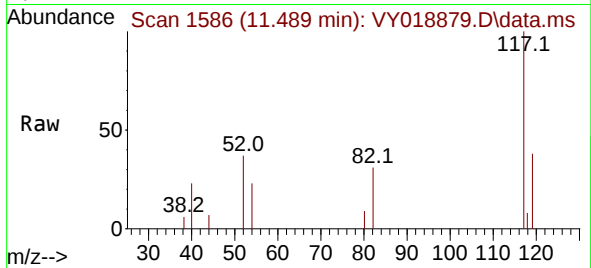




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-071724RE

Tgt Ion:117 Resp: 1697
Ion Ratio Lower Upper
117 100
82 31.3 42.4 63.6#
119 37.7 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: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion:152 Resp: 269
Ion Ratio Lower Upper
152 100
115 48.7 28.2 84.7
150 111.5 0.0 345.6

