

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018814.D
 Acq On : 15 Jul 2024 13:38
 Operator : SY/MD
 Sample : P3211-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-07102024RE

Quant Time: Jul 15 17:07:53 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	31846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	57148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	50639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	18828	60.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.160%
35) Dibromofluoromethane	7.704	113	17778	49.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.173	98	63633	46.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.477	95	20523	44.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.640%

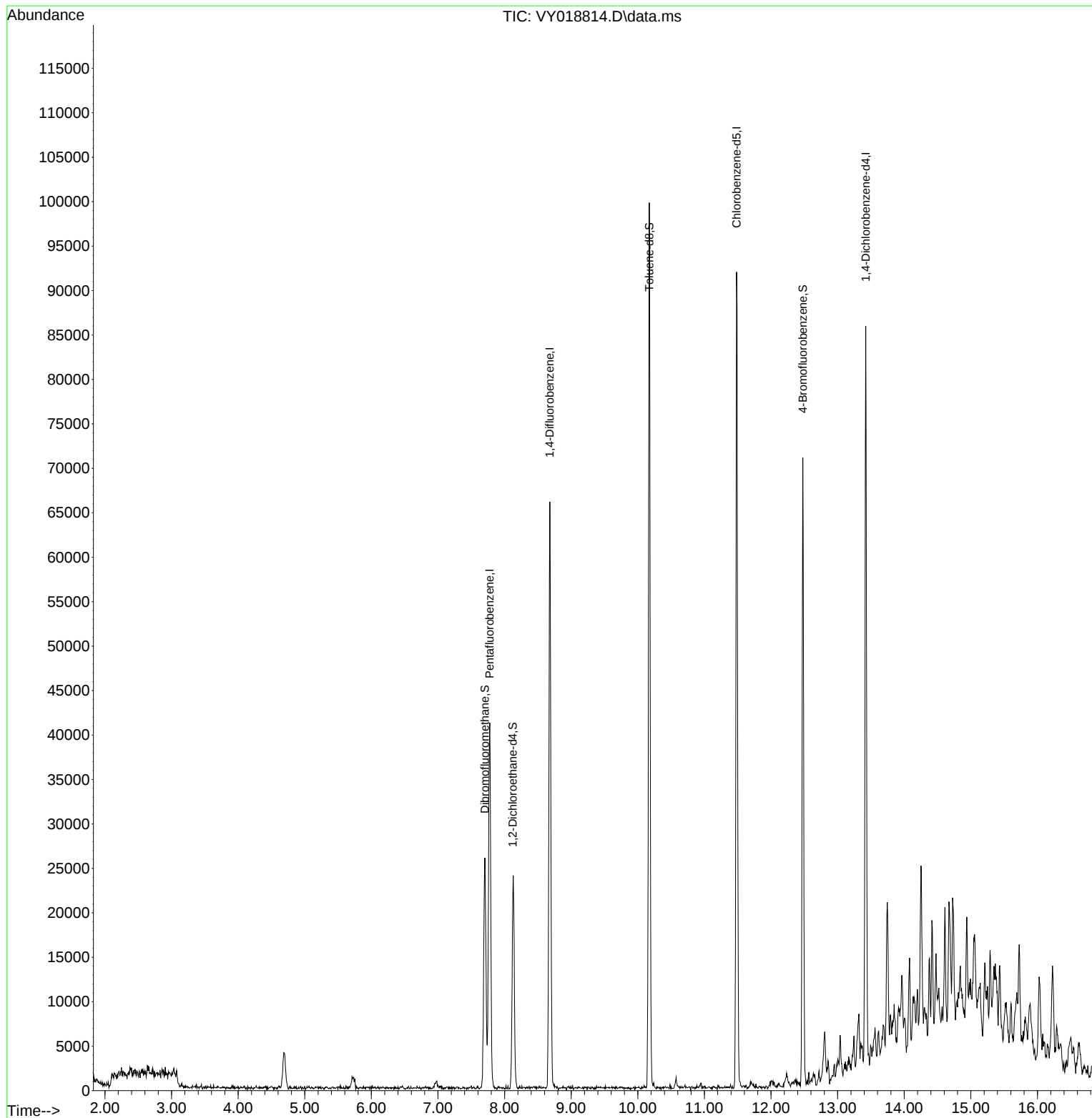
Target Compounds	Qvalue

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

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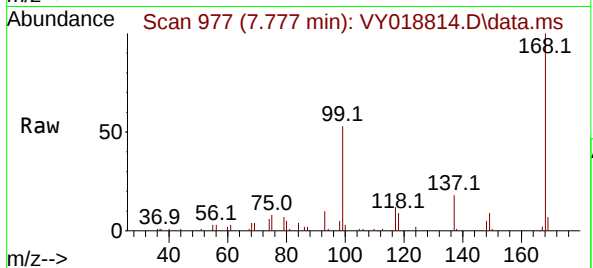
Quant Time: Jul 15 17:07:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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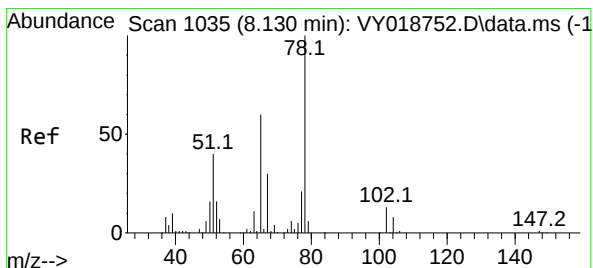
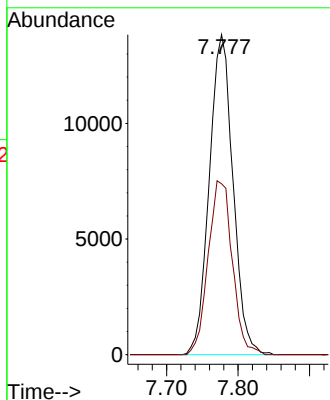
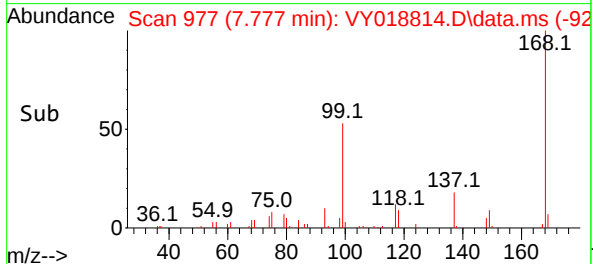


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018814.D
Acq: 15 Jul 2024 13:38

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ClientSampleId :
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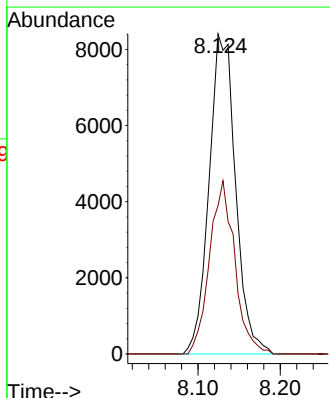
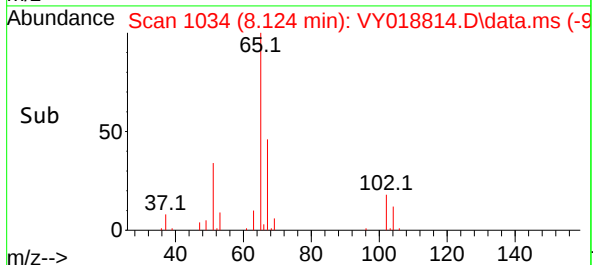
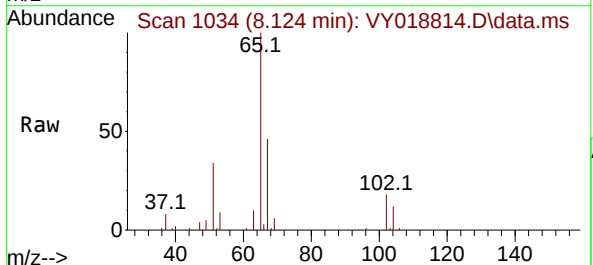


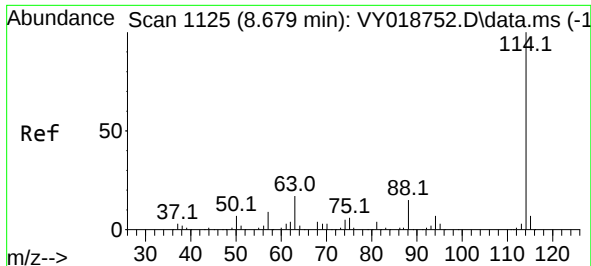
Tgt Ion:168 Resp: 31846
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.082 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018814.D
Acq: 15 Jul 2024 13:38

Tgt Ion: 65 Resp: 18828
Ion Ratio Lower Upper
65 100
67 51.4 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: VY018814.D

Acq: 15 Jul 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-07102024RE

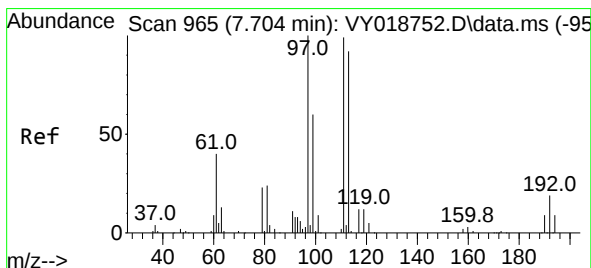
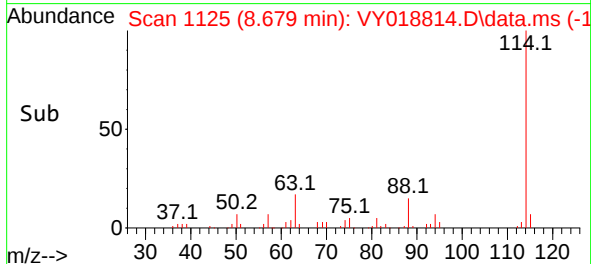
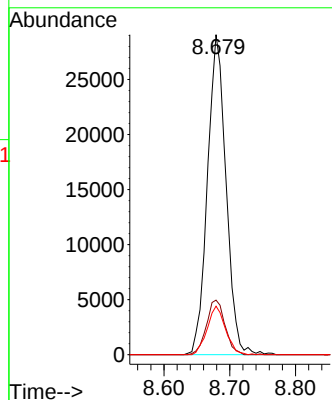
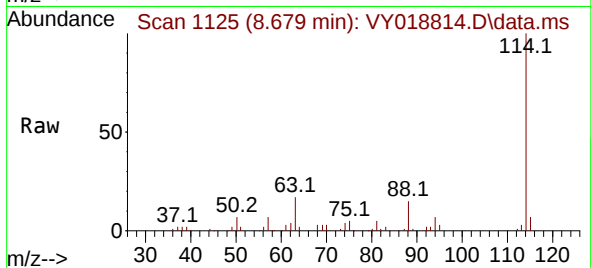
Tgt Ion:114 Resp: 57148

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.669 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018814.D

Acq: 15 Jul 2024 13:38

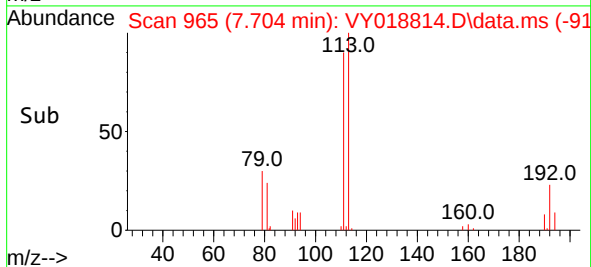
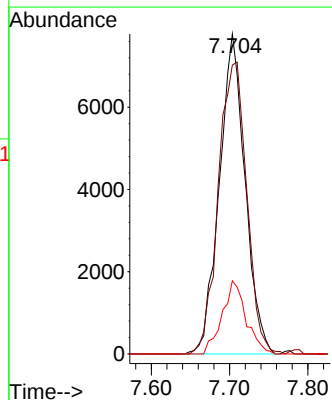
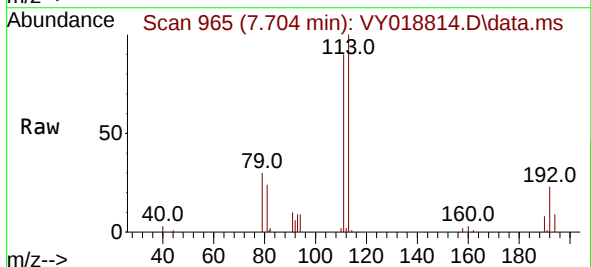
Tgt Ion:113 Resp: 17778

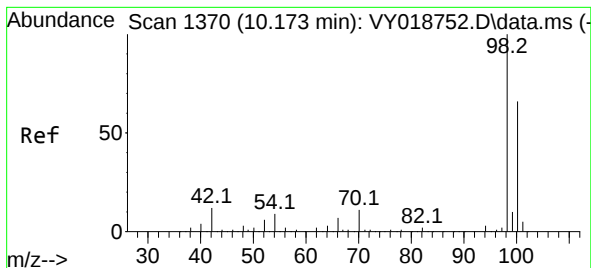
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 21.3 15.9 23.9





#50

Toluene-d8

Concen: 46.925 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018814.D

Acq: 15 Jul 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

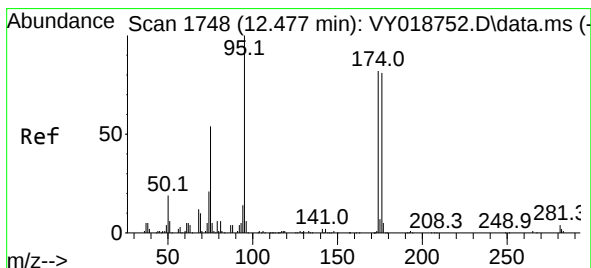
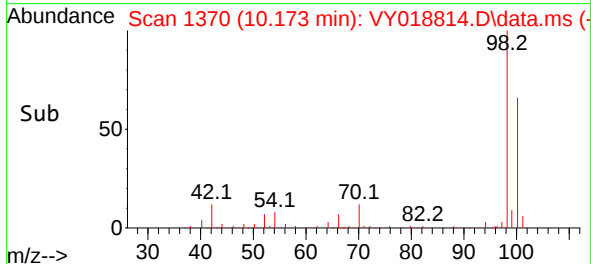
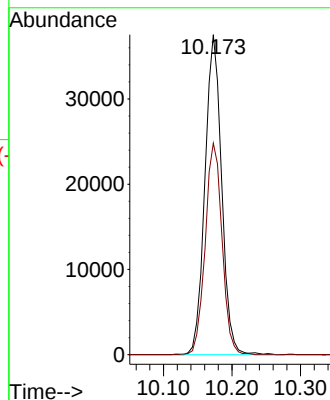
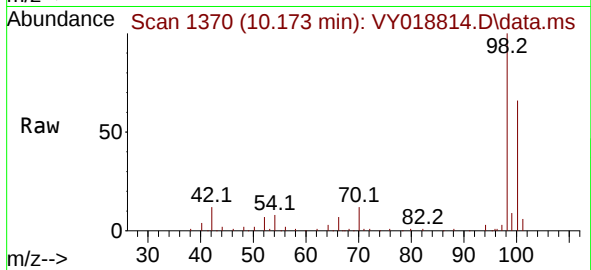
TR-05-07102024RE

Tgt Ion: 98 Resp: 63633

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.317 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018814.D

Acq: 15 Jul 2024 13:38

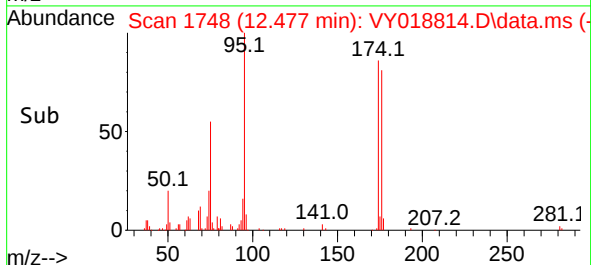
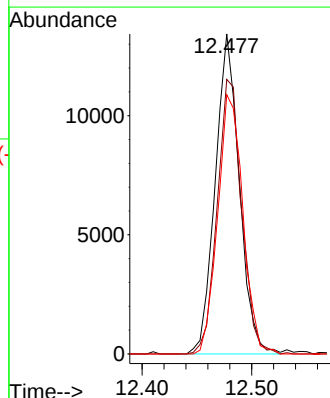
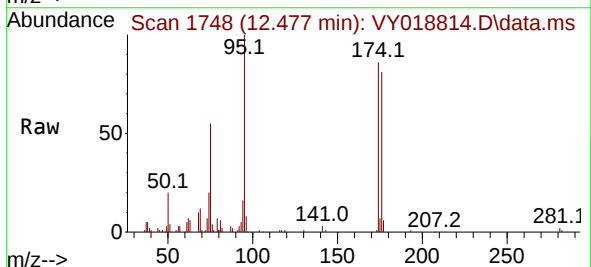
Tgt Ion: 95 Resp: 20523

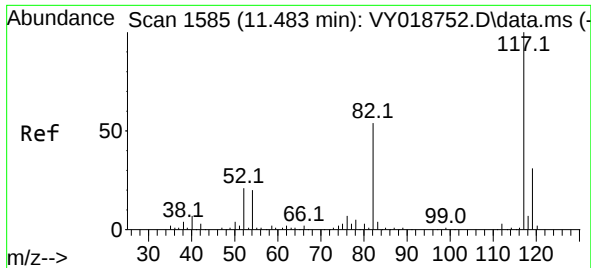
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.2 0.0 171.4

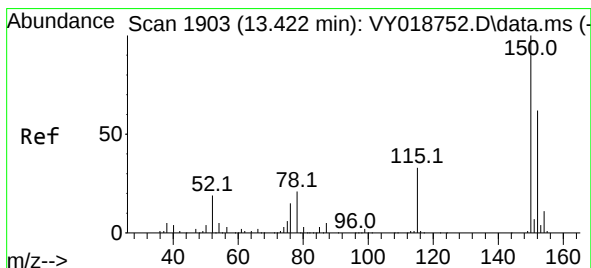
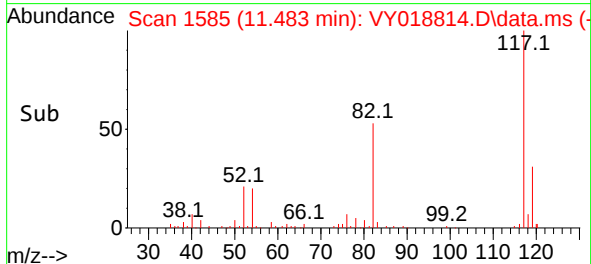
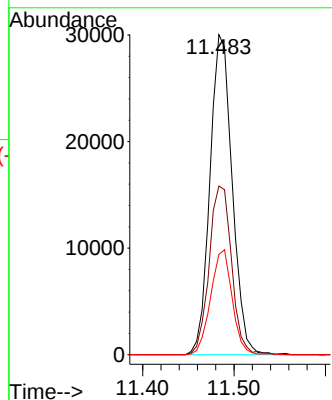
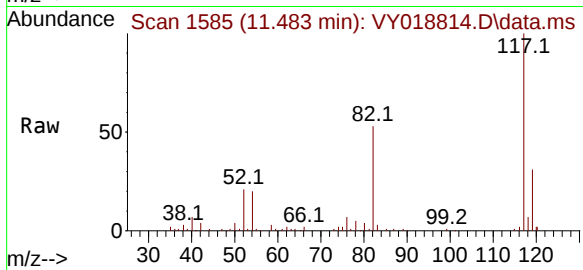




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018814.D
Acq: 15 Jul 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-07102024RE

Tgt Ion:117 Resp: 50639
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018814.D
Acq: 15 Jul 2024 13:38

Tgt Ion:152 Resp: 20799
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 153.0 0.0 345.6

