

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018848.D
 Acq On : 17 Jul 2024 15:40
 Operator : SY/MD
 Sample : P3255-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-07152024

Quant Time: Jul 17 16:08:21 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	7.776	168	156070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	267603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94282	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	77791	50.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.300%
35) Dibromofluoromethane	7.703	113	81705	48.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.172	98	300695	47.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.477	95	93036	42.903	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.800%

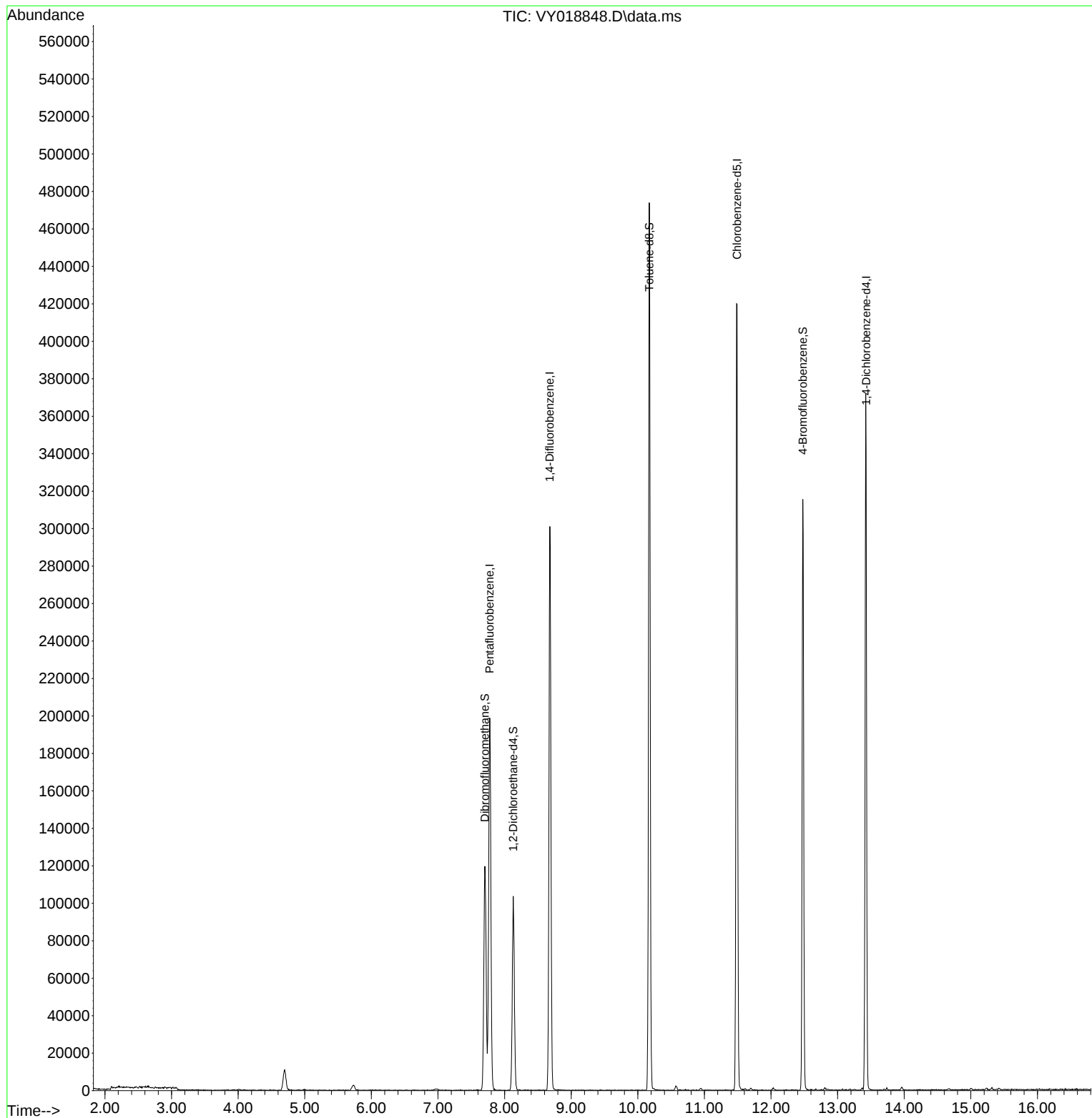
Target Compounds	Qvalue

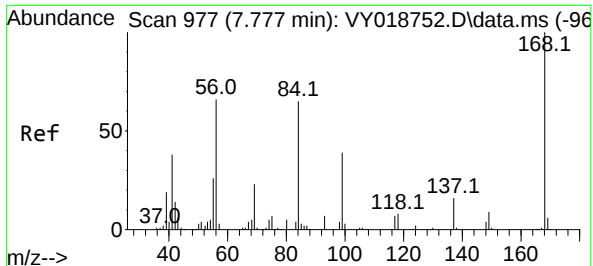
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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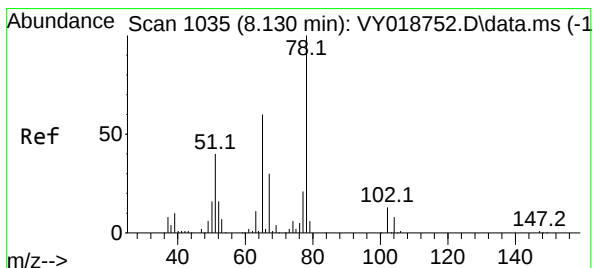
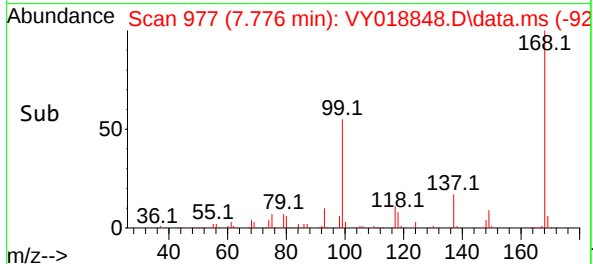
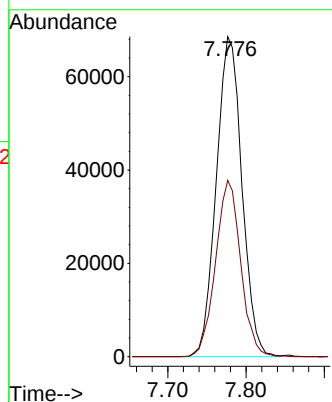
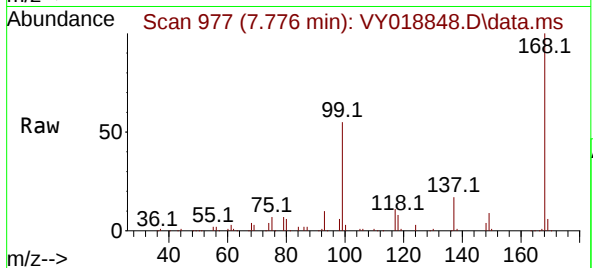




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018848.D
Acq: 17 Jul 2024 15:40

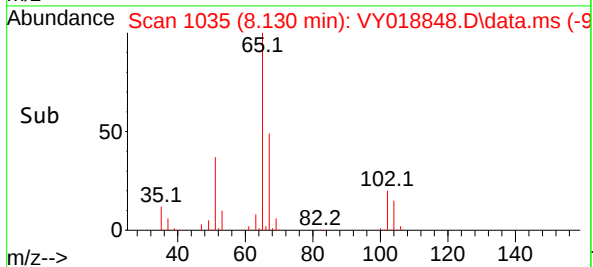
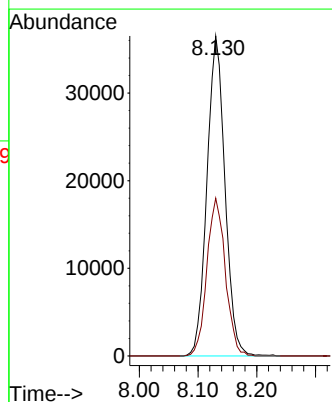
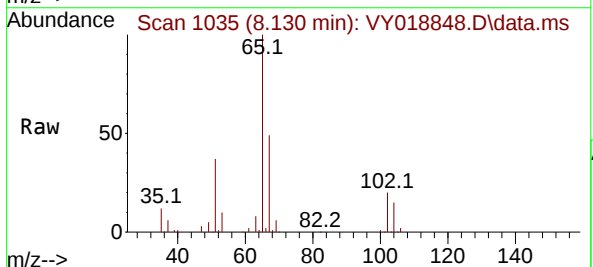
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-07152024

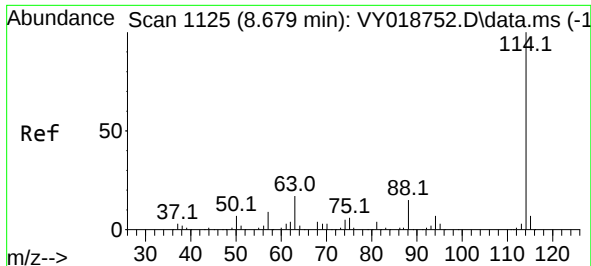
Tgt Ion:168 Resp: 156070
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.653 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018848.D
Acq: 17 Jul 2024 15:40

Tgt Ion: 65 Resp: 77791
Ion Ratio Lower Upper
65 100
67 50.5 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: VY018848.D

Acq: 17 Jul 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-07152024

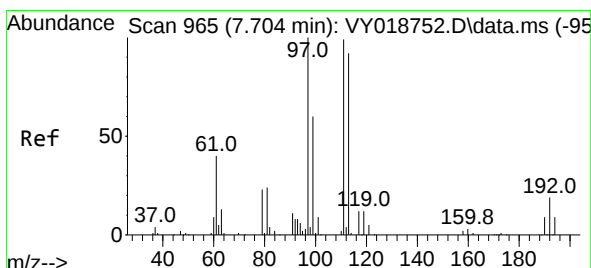
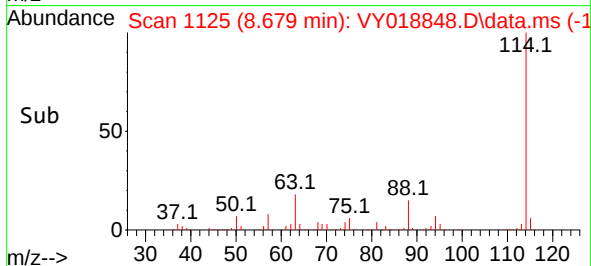
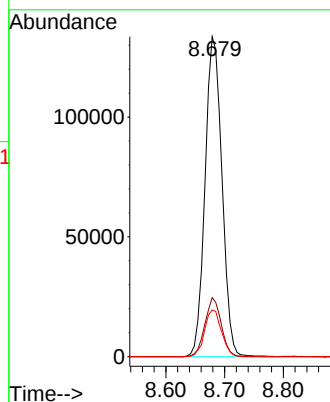
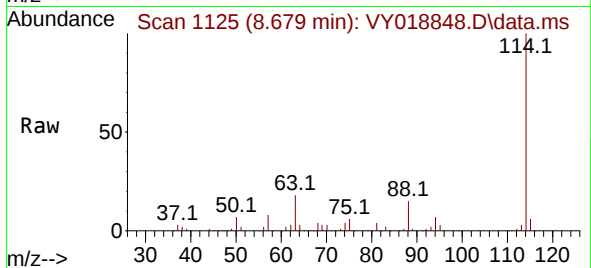
Tgt Ion:114 Resp: 267603

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.748 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018848.D

Acq: 17 Jul 2024 15:40

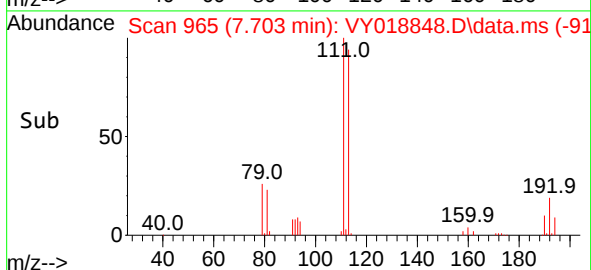
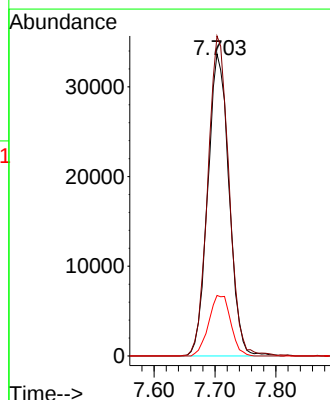
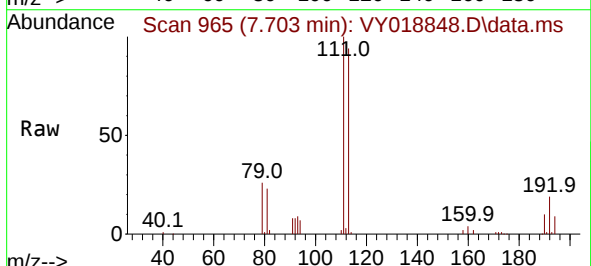
Tgt Ion:113 Resp: 81705

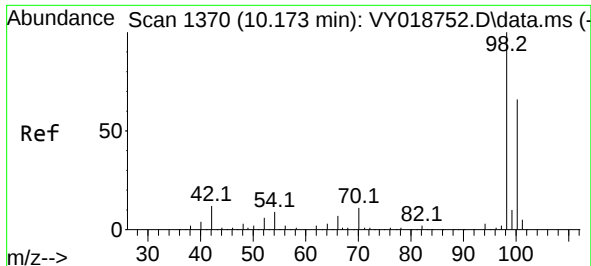
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 20.6 15.9 23.9

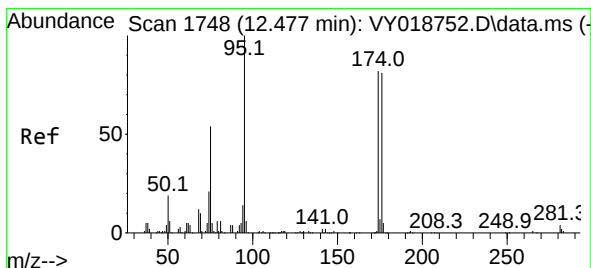
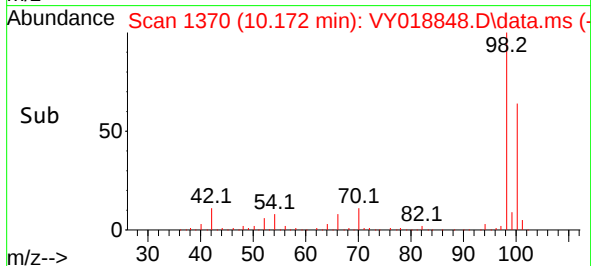
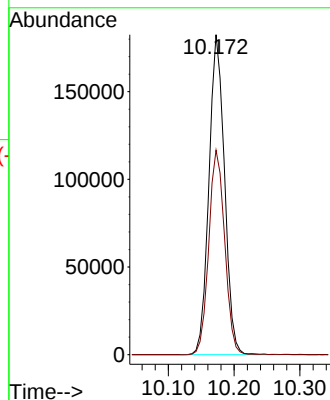
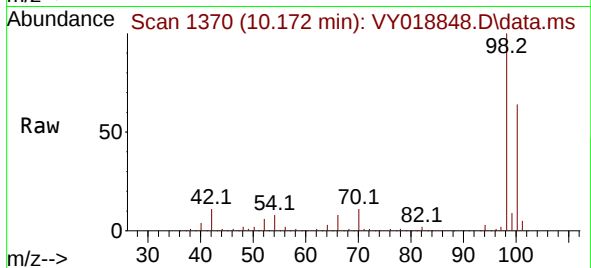




#50
Toluene-d8
Concen: 47.354 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018848.D
Acq: 17 Jul 2024 15:40

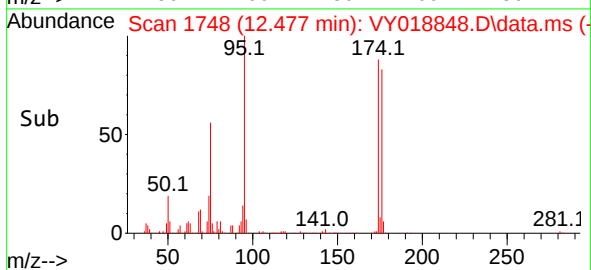
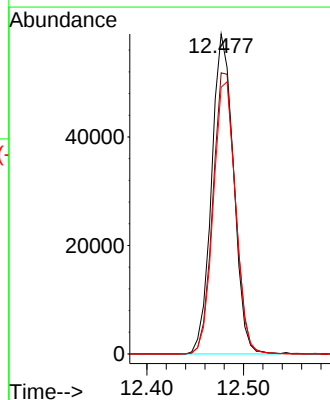
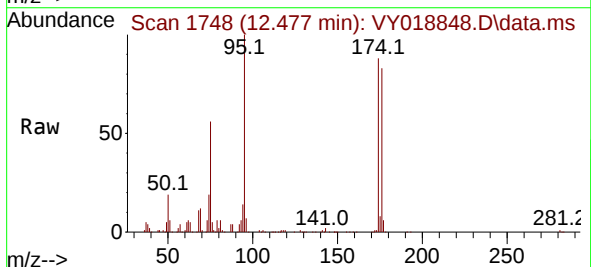
Instrument :
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HD-01-07152024

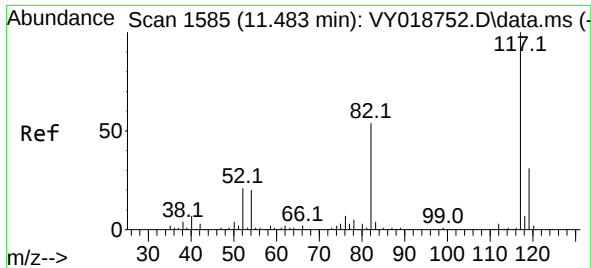
Tgt Ion: 98 Resp: 300695
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.903 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018848.D
Acq: 17 Jul 2024 15:40

Tgt Ion: 95 Resp: 93036
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 86.2 0.0 171.4

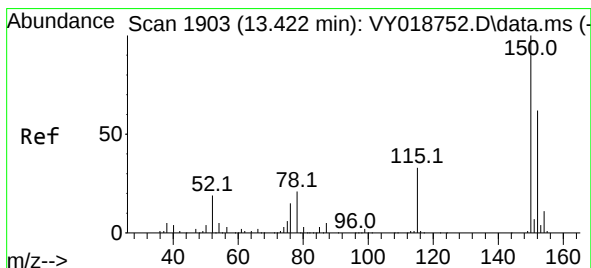
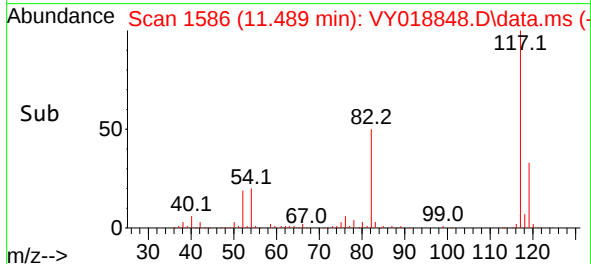
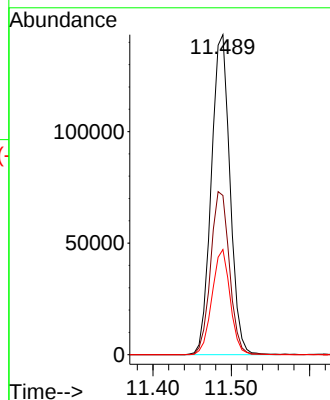
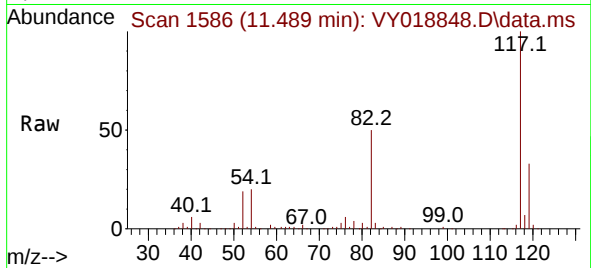




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018848.D
Acq: 17 Jul 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-07152024

Tgt Ion:117 Resp: 237075
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.8 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: VY018848.D
Acq: 17 Jul 2024 15:40

Tgt Ion:152 Resp: 94282
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.7 0.0 345.6

