

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018666.D
 Acq On : 21 Jun 2024 13:43
 Operator : SY/MD
 Sample : P2995-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-06202024

Quant Time: Jun 21 22:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	5615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.673	114	8501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6983	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	2736	48.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.800%
35) Dibromofluoromethane	7.698	113	2836	54.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.173	98	9555	47.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.477	95	2267	35.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.000%

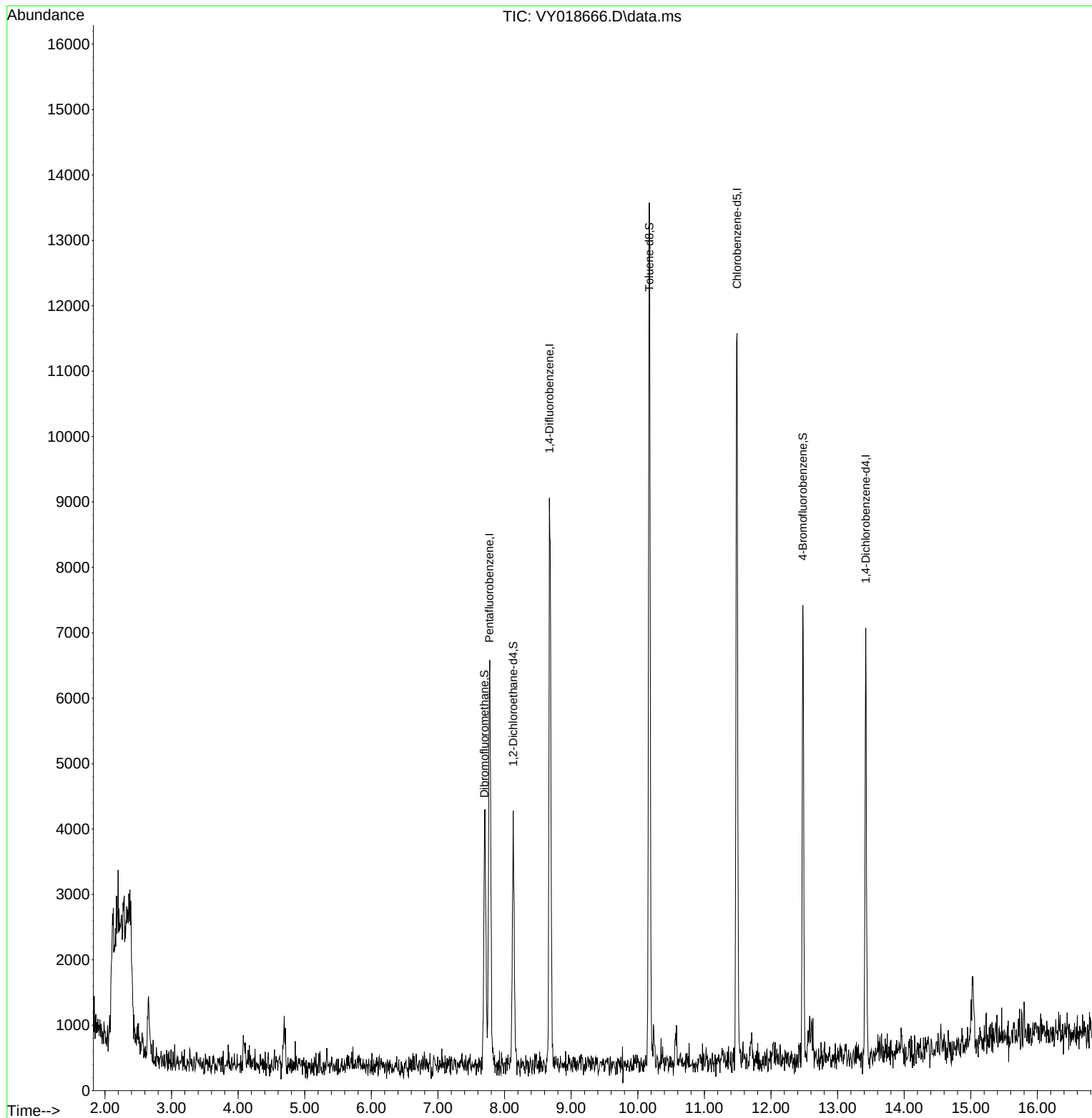
Target Compounds	Qvalue

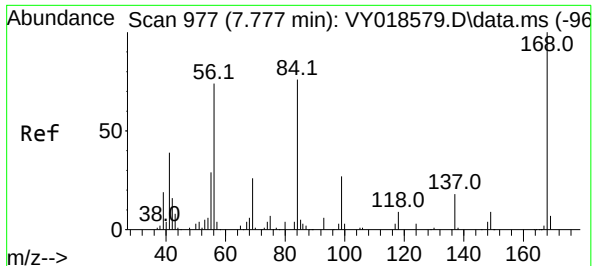
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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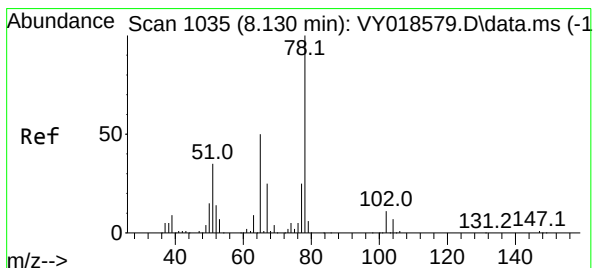
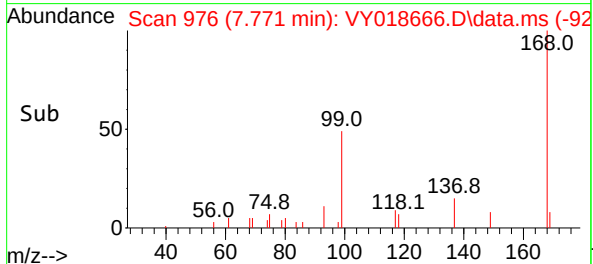
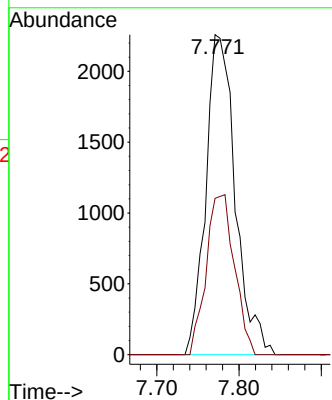
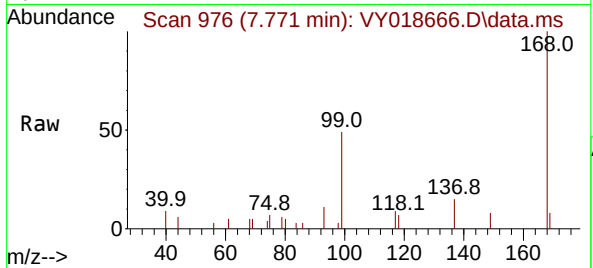




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018666.D
Acq: 21 Jun 2024 13:43

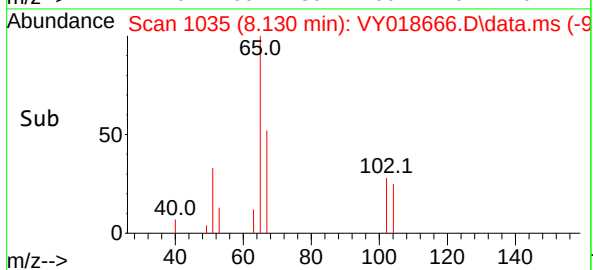
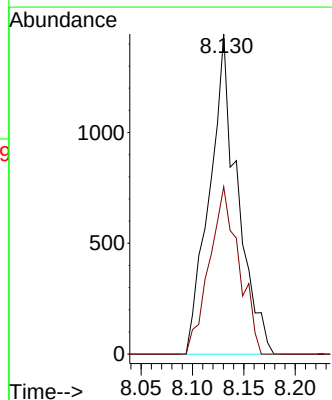
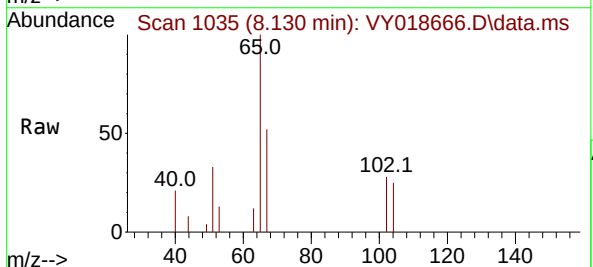
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-06202024

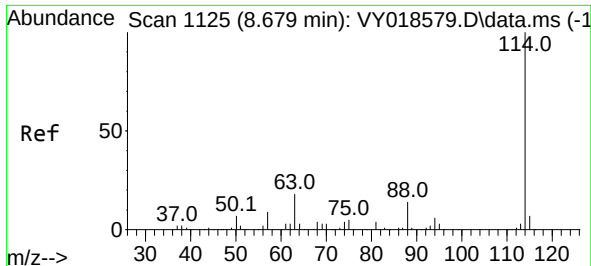
Tgt Ion:168 Resp: 5615
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.398 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018666.D
Acq: 21 Jun 2024 13:43

Tgt Ion: 65 Resp: 2736
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.673 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018666.D

Acq: 21 Jun 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-06202024

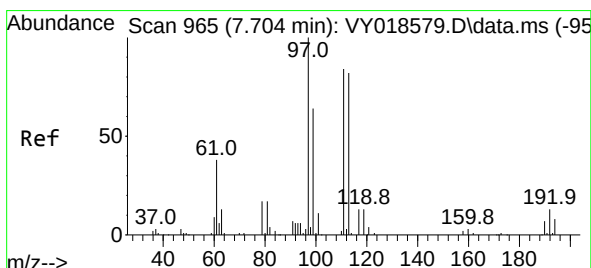
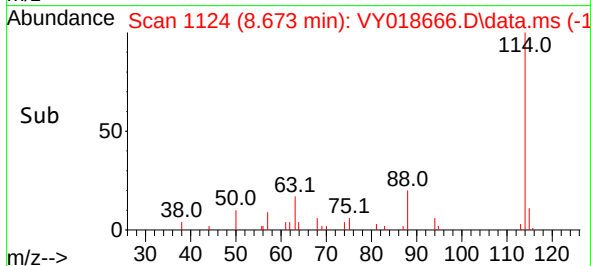
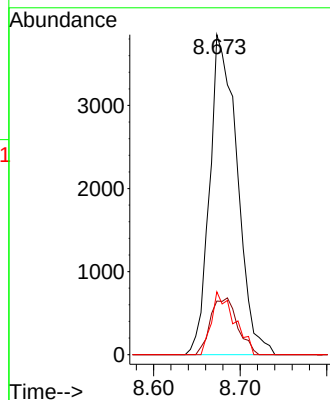
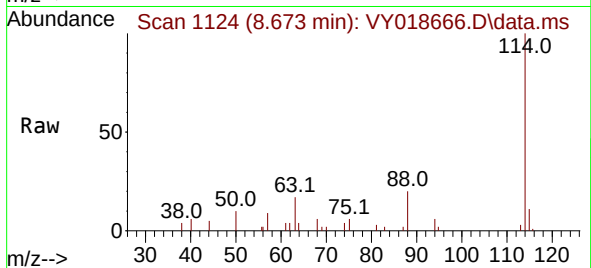
Tgt Ion:114 Resp: 8501

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 19.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.688 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018666.D

Acq: 21 Jun 2024 13:43

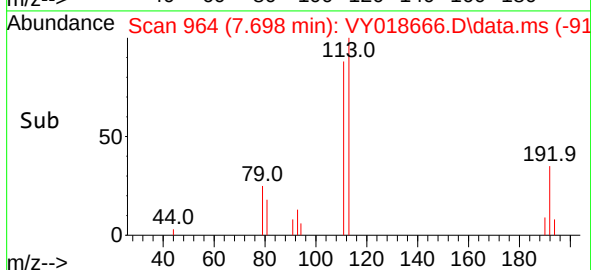
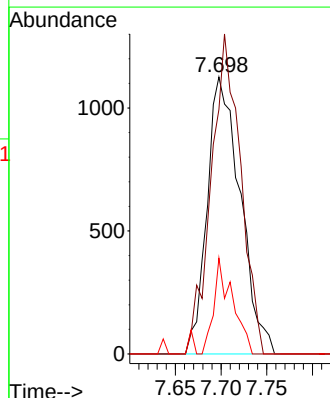
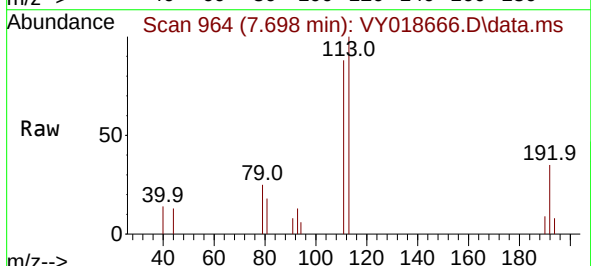
Tgt Ion:113 Resp: 2836

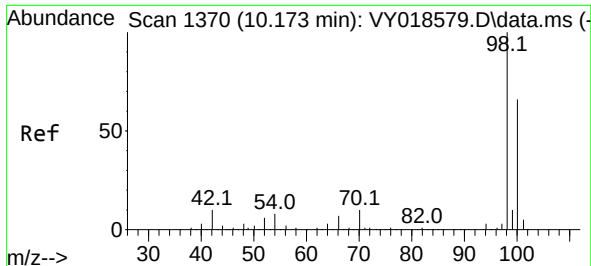
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 19.7 15.9 23.9

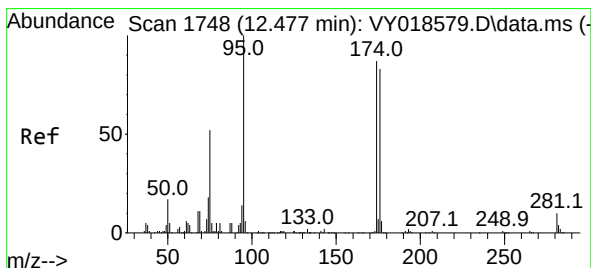
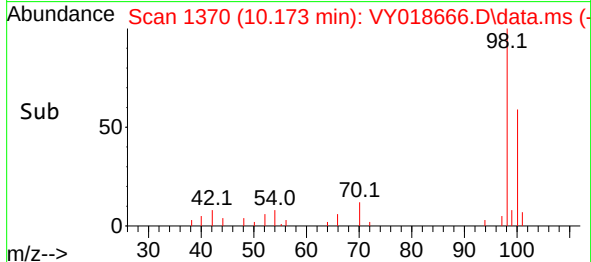
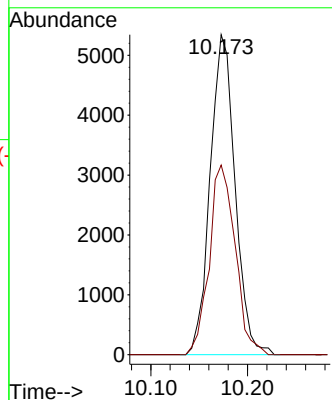
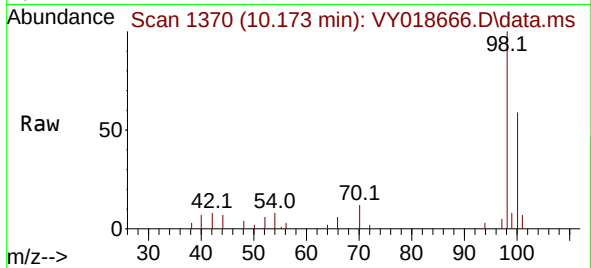




#50
Toluene-d8
Concen: 47.913 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018666.D
Acq: 21 Jun 2024 13:43

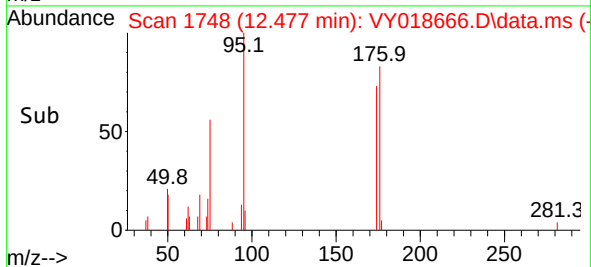
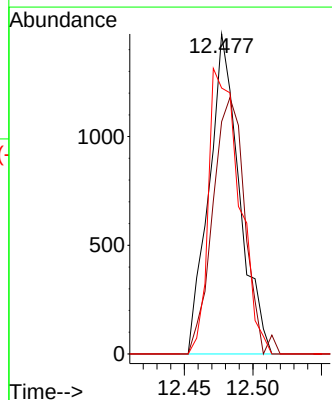
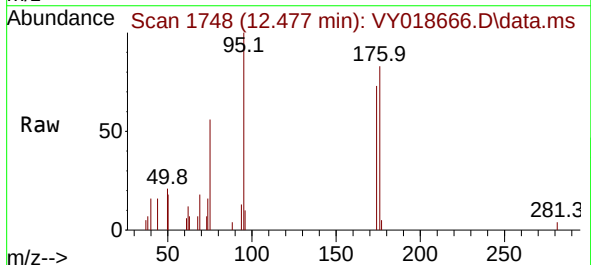
Instrument :
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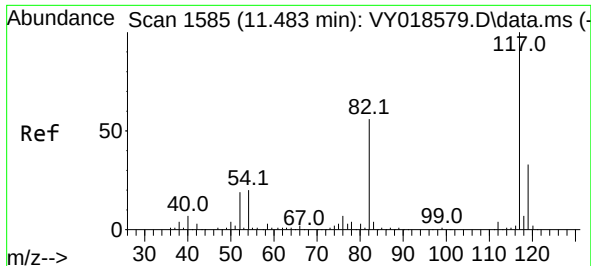
Tgt Ion: 98 Resp: 9555
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.999 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018666.D
Acq: 21 Jun 2024 13:43

Tgt Ion: 95 Resp: 2267
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 91.2 0.0 171.4

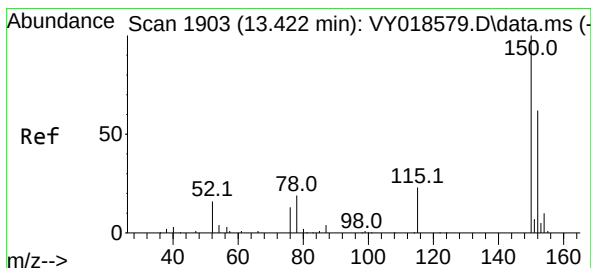
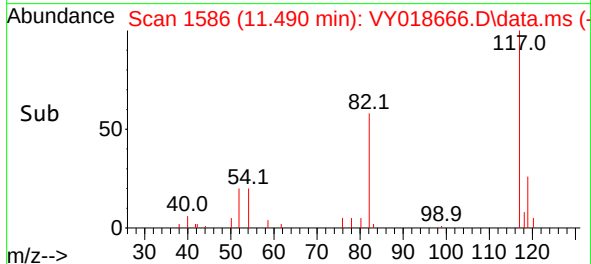
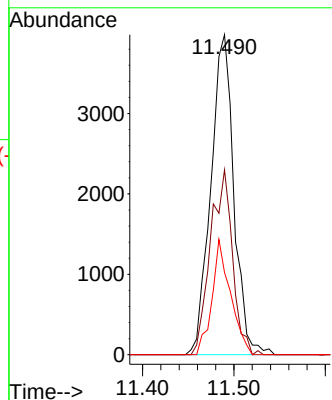
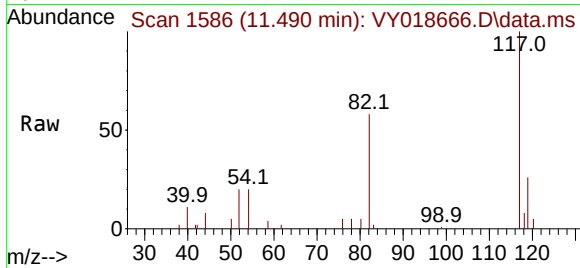




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018666.D
Acq: 21 Jun 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-06202024

Tgt Ion:117 Resp: 6983
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 25.7 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: VY018666.D
Acq: 21 Jun 2024 13:43

Tgt Ion:152 Resp: 1897
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 144.2 0.0 345.6

