

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018571.D
 Acq On : 12 Jun 2024 16:04
 Operator : SY/MD
 Sample : P2812-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-061024

Quant Time: Jun 13 00:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	6885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8775	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5900	43.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.710	113	5381	34.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.340%
50) Toluene-d8	10.173	98	19575	31.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.400%
62) 4-Bromofluorobenzene	12.483	95	4481	23.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.620%

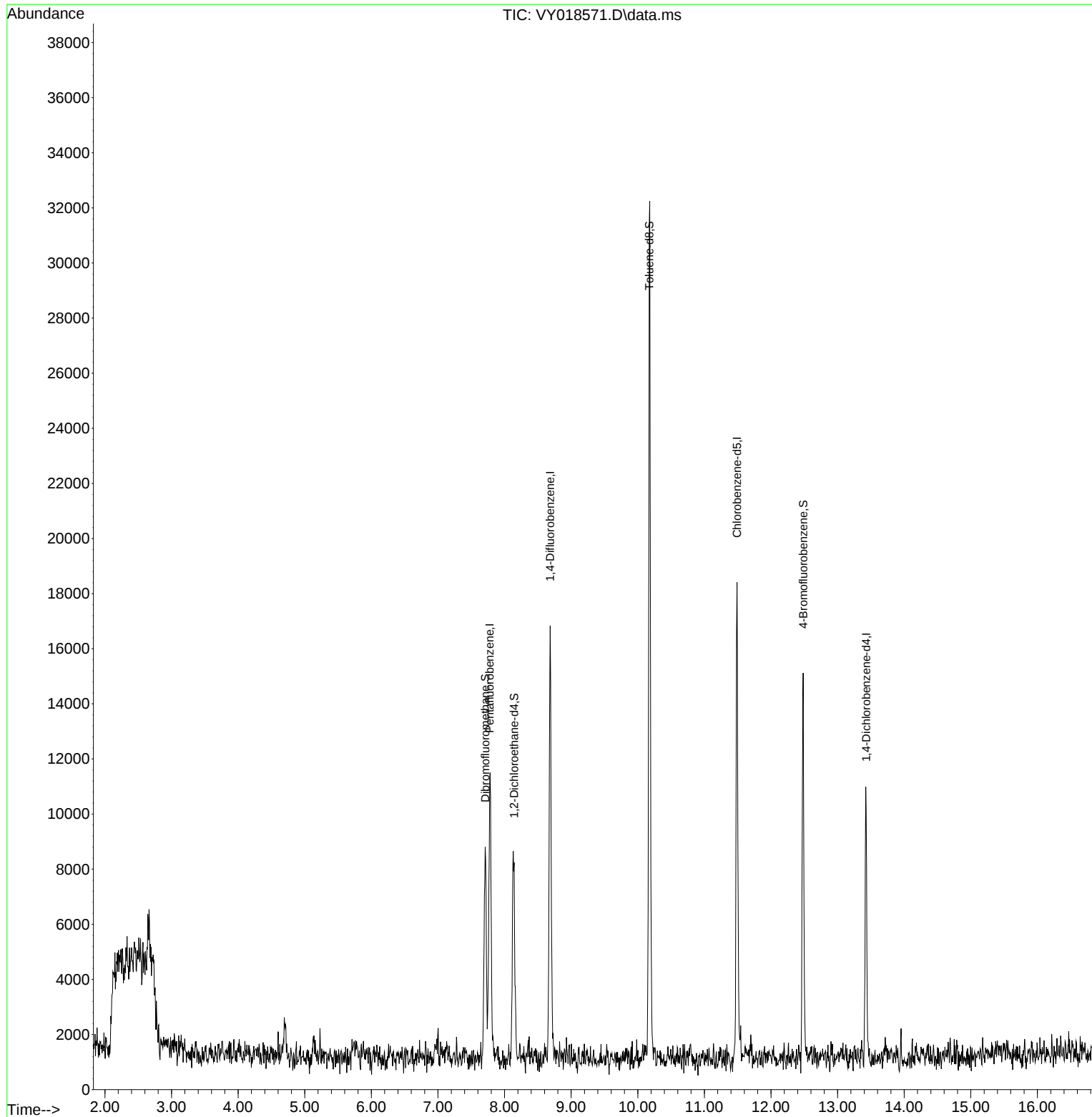
Target Compounds	Qvalue

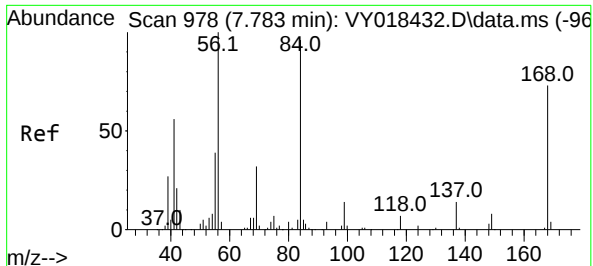
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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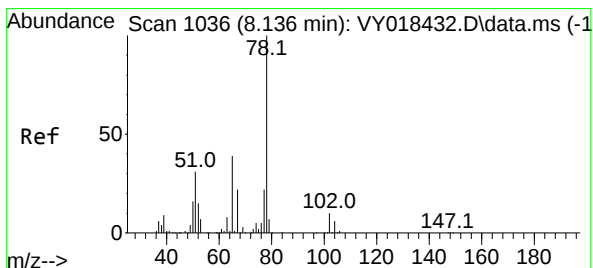
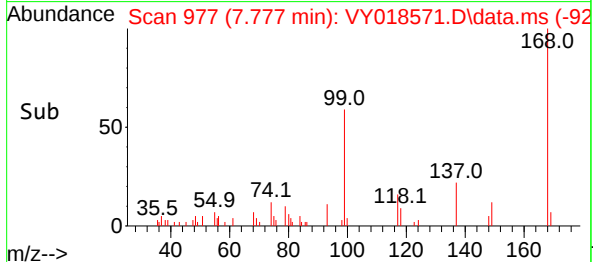
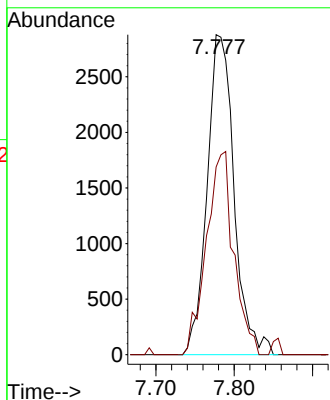
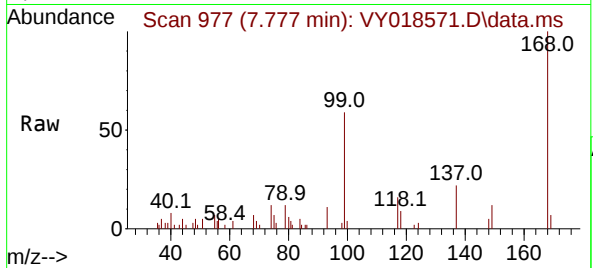




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018571.D
Acq: 12 Jun 2024 16:04

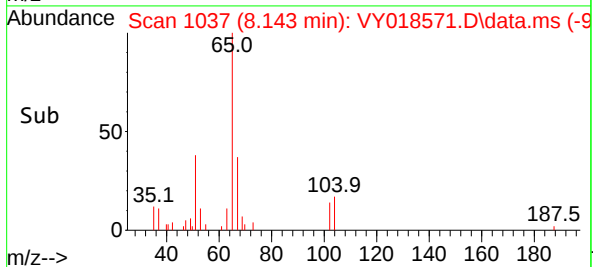
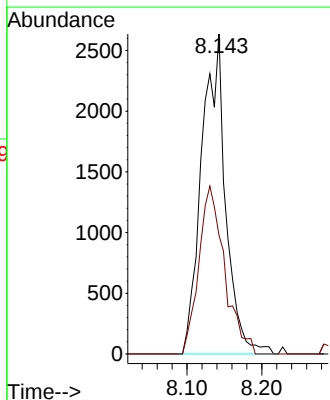
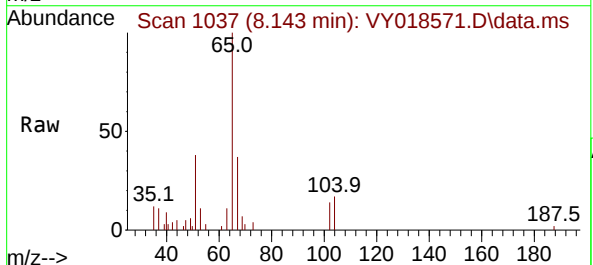
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-061024

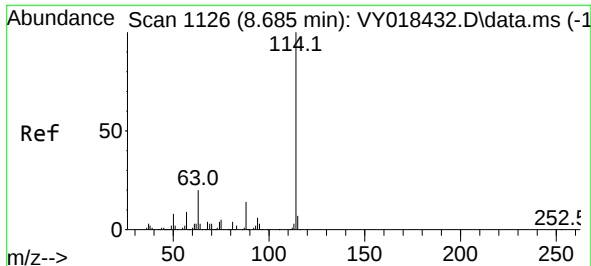
Tgt Ion:168 Resp: 6885
Ion Ratio Lower Upper
168 100
99 58.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.636 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018571.D
Acq: 12 Jun 2024 16:04

Tgt Ion: 65 Resp: 5900
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018571.D

Acq: 12 Jun 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-061024

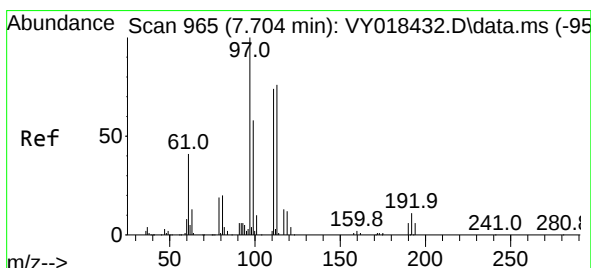
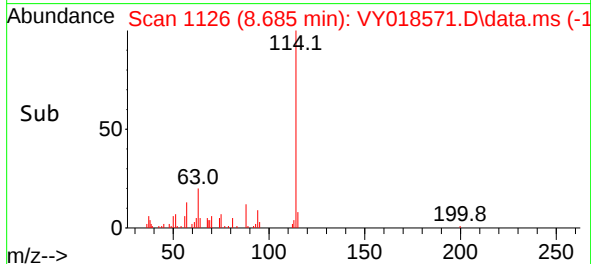
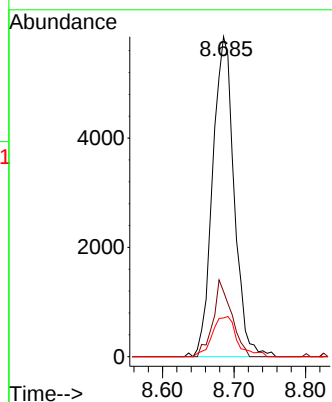
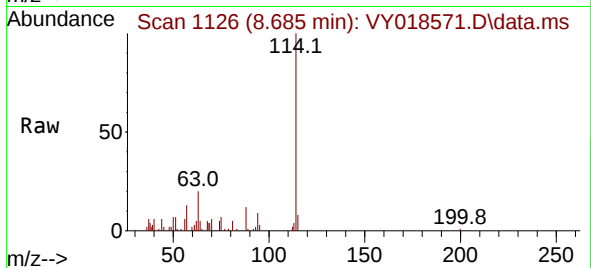
Tgt Ion:114 Resp: 12241

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.666 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018571.D

Acq: 12 Jun 2024 16:04

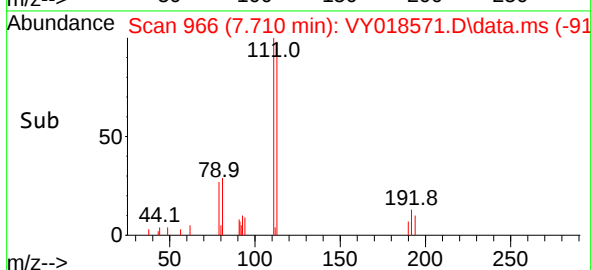
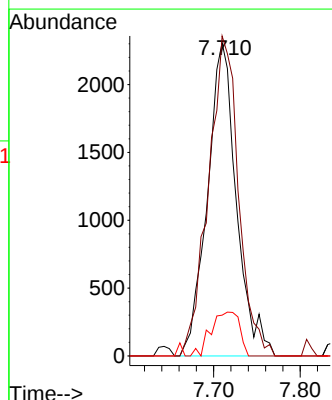
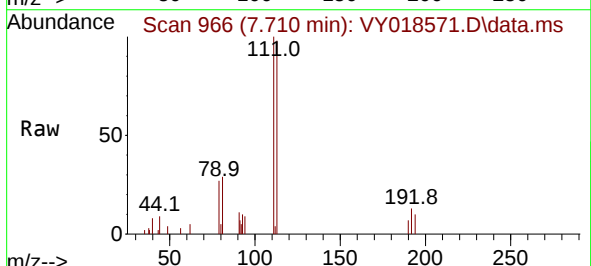
Tgt Ion:113 Resp: 5381

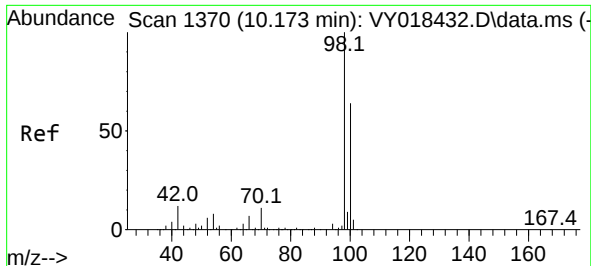
Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

192 13.8 15.9 23.9#

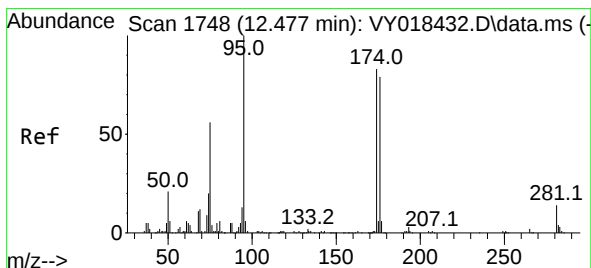
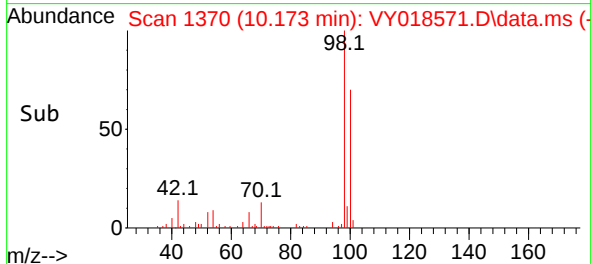
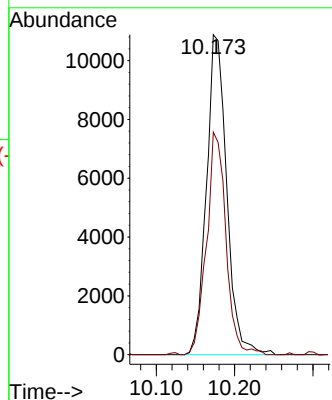
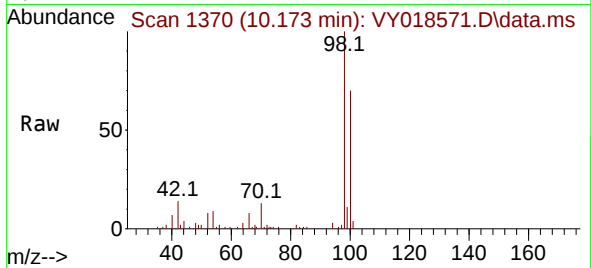




#50
Toluene-d8
Concen: 31.699 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018571.D
Acq: 12 Jun 2024 16:04

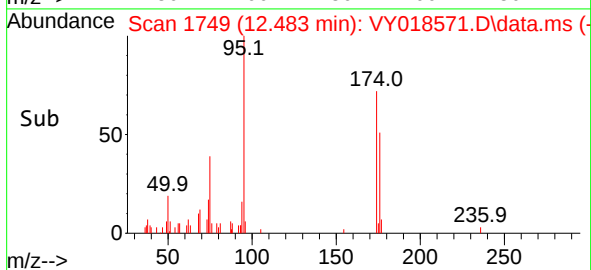
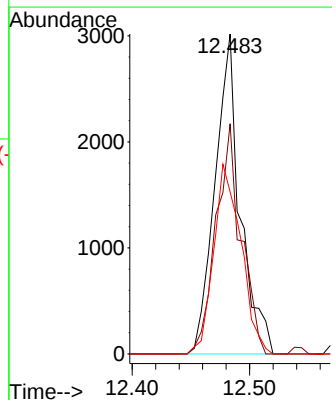
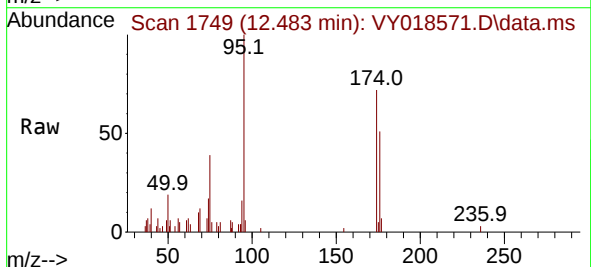
Instrument :
MSVOA_Y
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TR-05-061024

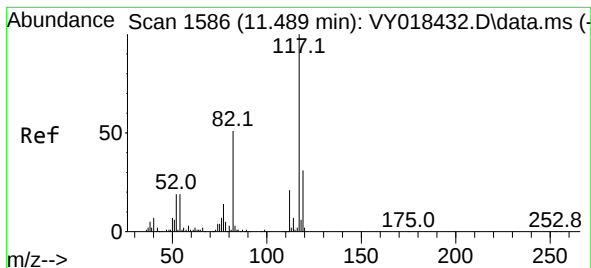
Tgt Ion: 98 Resp: 19575
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018571.D
Acq: 12 Jun 2024 16:04

Tgt Ion: 95 Resp: 4481
Ion Ratio Lower Upper
95 100
174 71.3 0.0 175.6
176 64.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018571.D

Acq: 12 Jun 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-061024

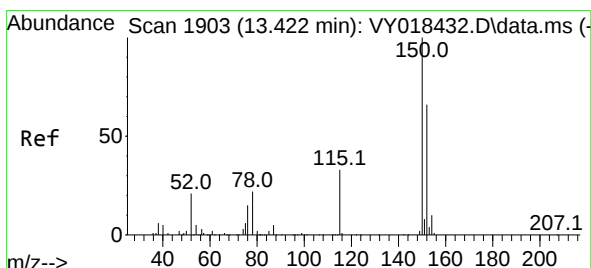
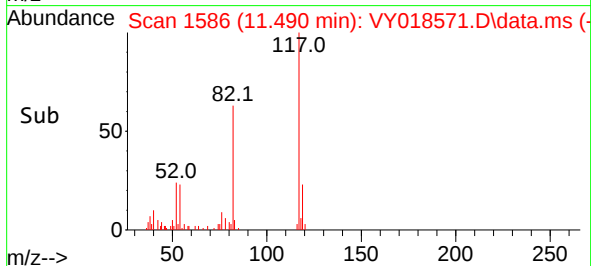
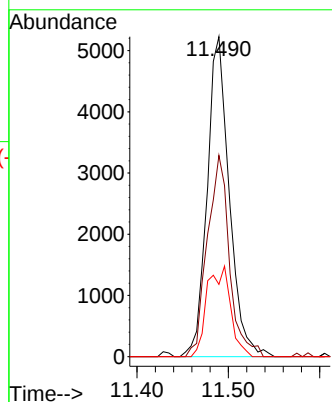
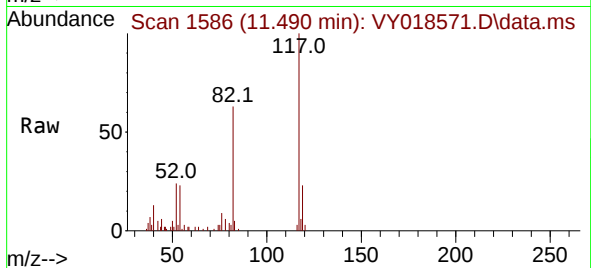
Tgt Ion:117 Resp: 8775

Ion Ratio Lower Upper

117 100

82 62.9 42.4 63.6

119 22.6 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: VY018571.D

Acq: 12 Jun 2024 16:04

Tgt Ion:152 Resp: 2145

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 164.7 0.0 345.6

