

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018442.D
 Acq On : 03 Jun 2024 15:50
 Operator : SY/MD
 Sample : P2680-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Jun 04 05:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	77121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	157839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47003	31.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.060%
35) Dibromofluoromethane	7.704	113	48123	24.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.080%#
50) Toluene-d8	10.173	98	188823	23.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	47.420%#
62) 4-Bromofluorobenzene	12.477	95	56347	22.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.460%

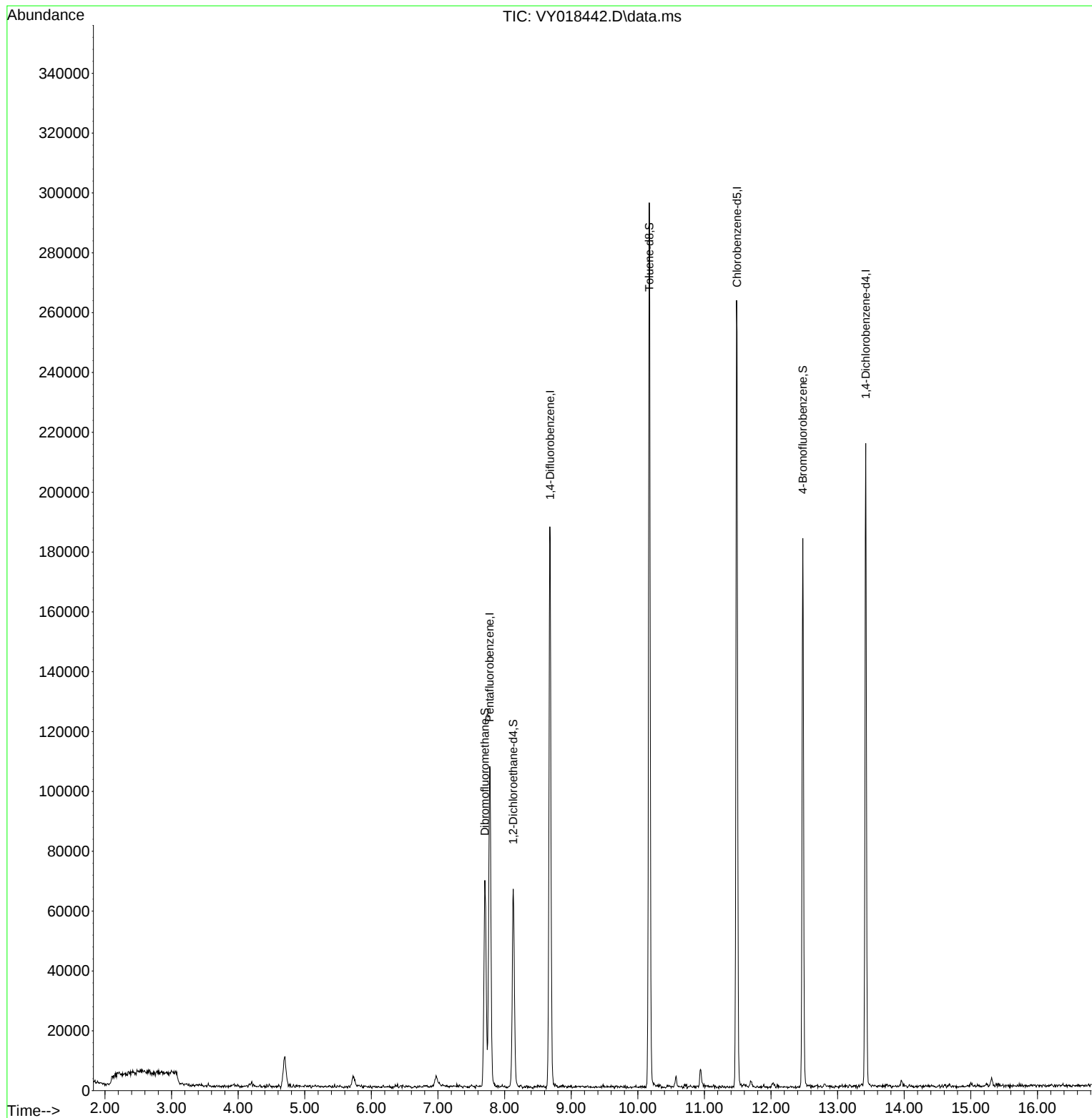
Target Compounds	Qvalue

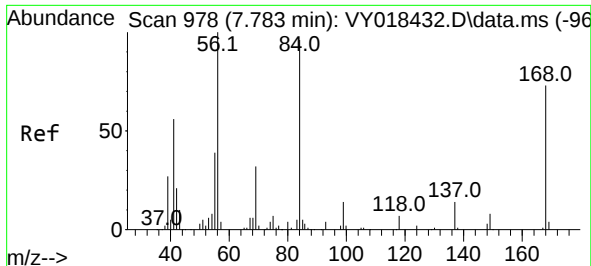
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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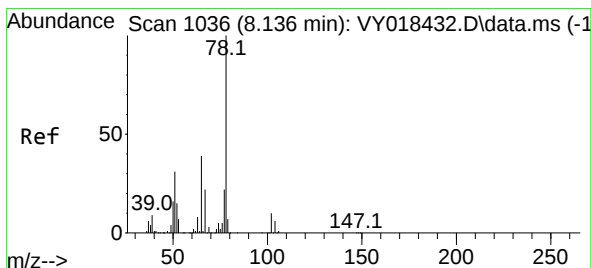
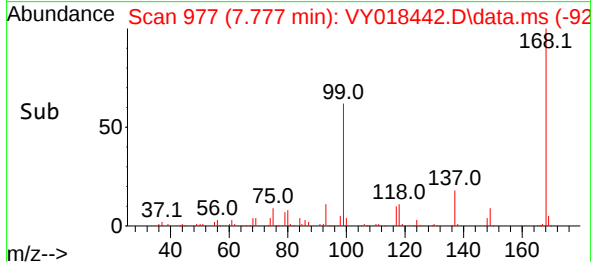
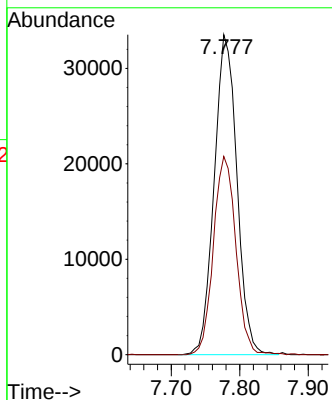
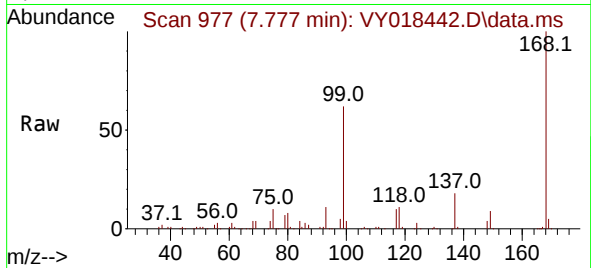




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

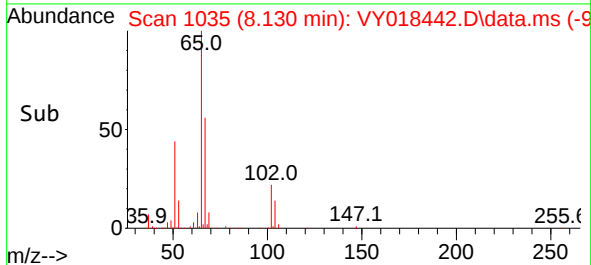
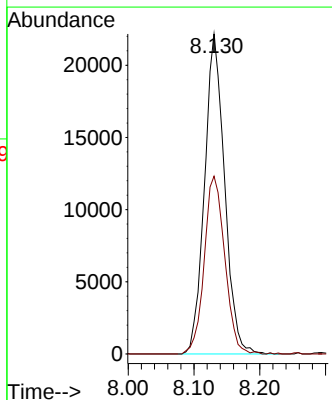
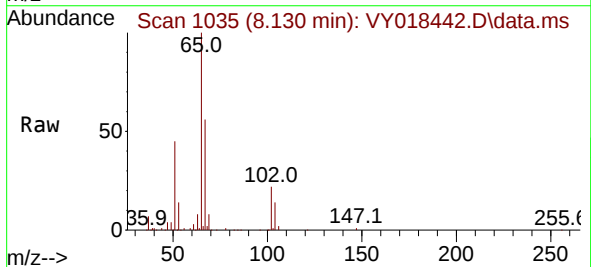
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

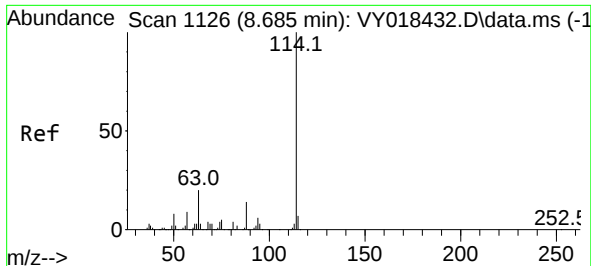
Tgt Ion:168 Resp: 77121
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 31.035 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Tgt Ion: 65 Resp: 47003
Ion Ratio Lower Upper
65 100
67 56.9 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: VY018442.D

Acq: 03 Jun 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

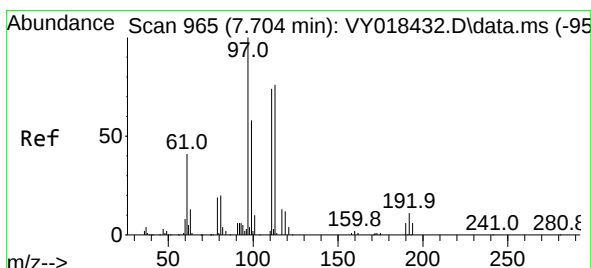
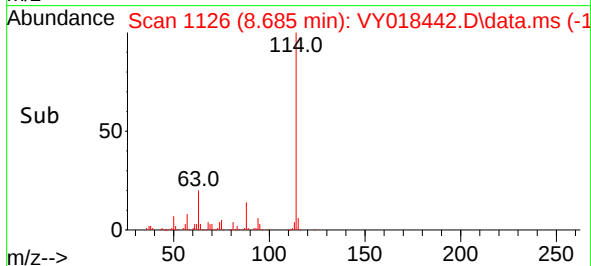
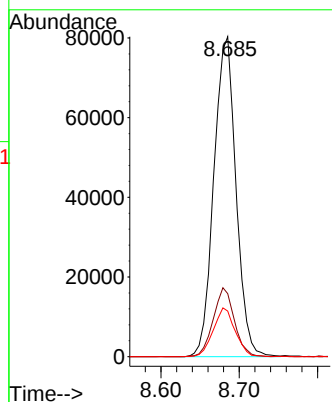
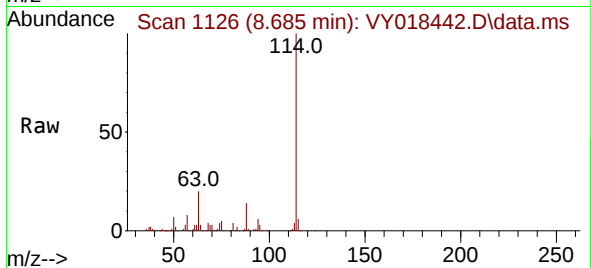
Tgt Ion:114 Resp: 157839

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 24.043 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018442.D

Acq: 03 Jun 2024 15:50

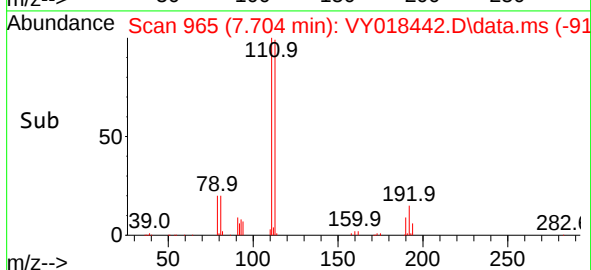
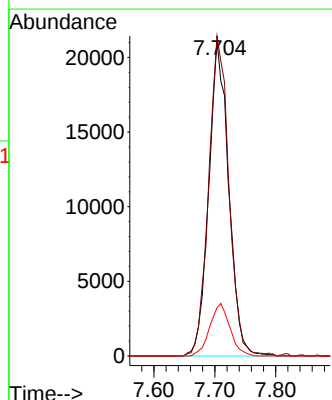
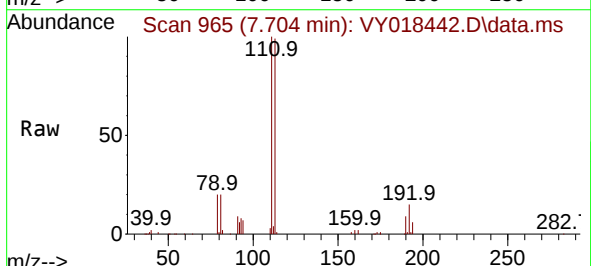
Tgt Ion:113 Resp: 48123

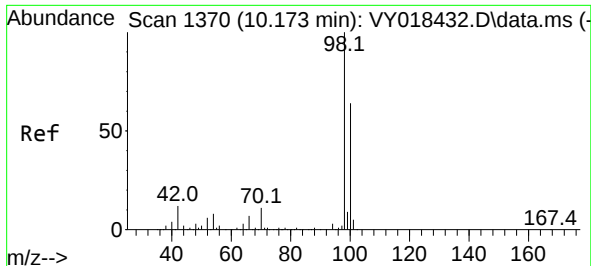
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 16.7 15.9 23.9

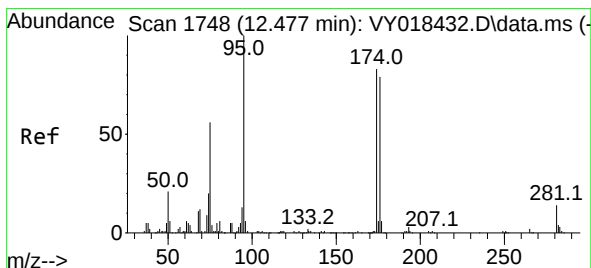
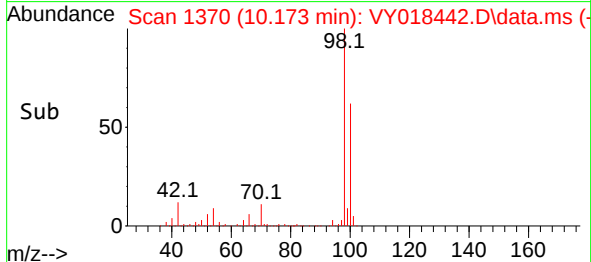
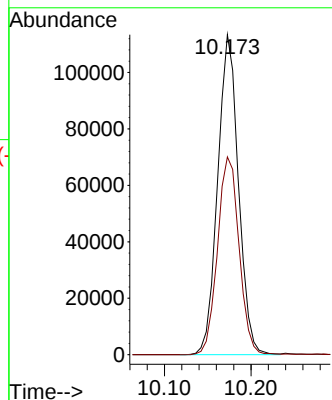
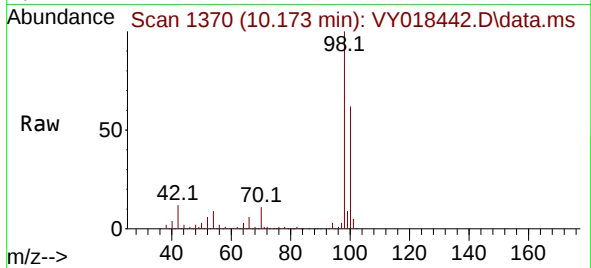




#50
Toluene-d8
Concen: 23.714 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

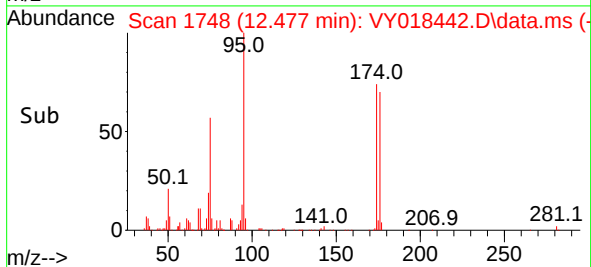
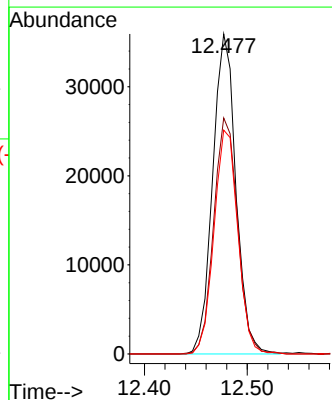
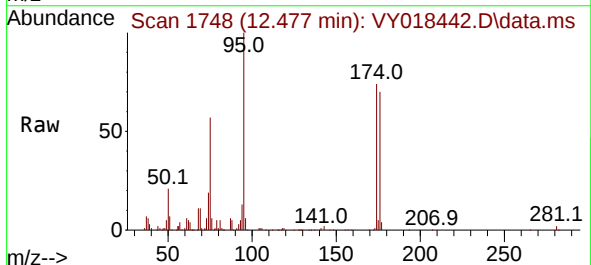
Instrument :
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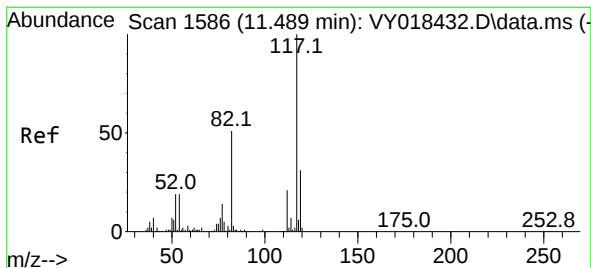
Tgt Ion: 98 Resp: 188823
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.728 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Tgt Ion: 95 Resp: 56347
Ion Ratio Lower Upper
95 100
174 76.0 0.0 175.6
176 71.7 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: VY018442.D

Acq: 03 Jun 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

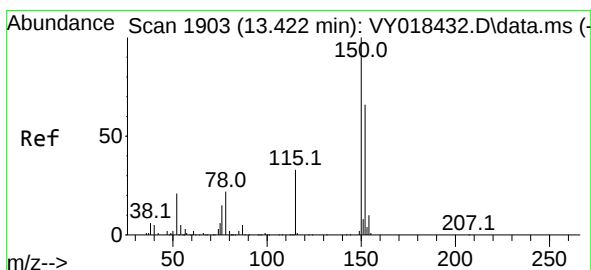
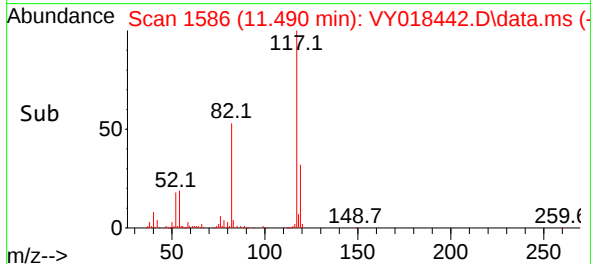
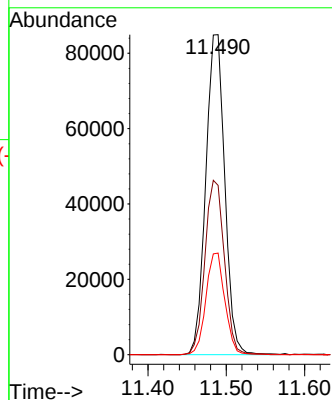
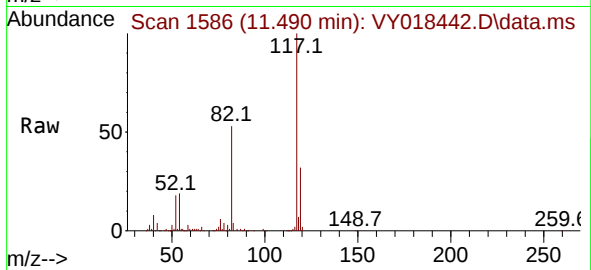
Tgt Ion:117 Resp: 143097

Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

119 31.7 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: VY018442.D

Acq: 03 Jun 2024 15:50

Tgt Ion:152 Resp: 49630

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 159.3 0.0 345.6

