

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018397.D
 Acq On : 29 May 2024 14:16
 Operator : SY/MD
 Sample : P2610-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-05242024

Quant Time: May 30 04:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	4562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2605	60.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.540%
35) Dibromofluoromethane	7.722	113	2422	53.398	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.185	98	7697	43.525	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.483	95	1499	27.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.860%

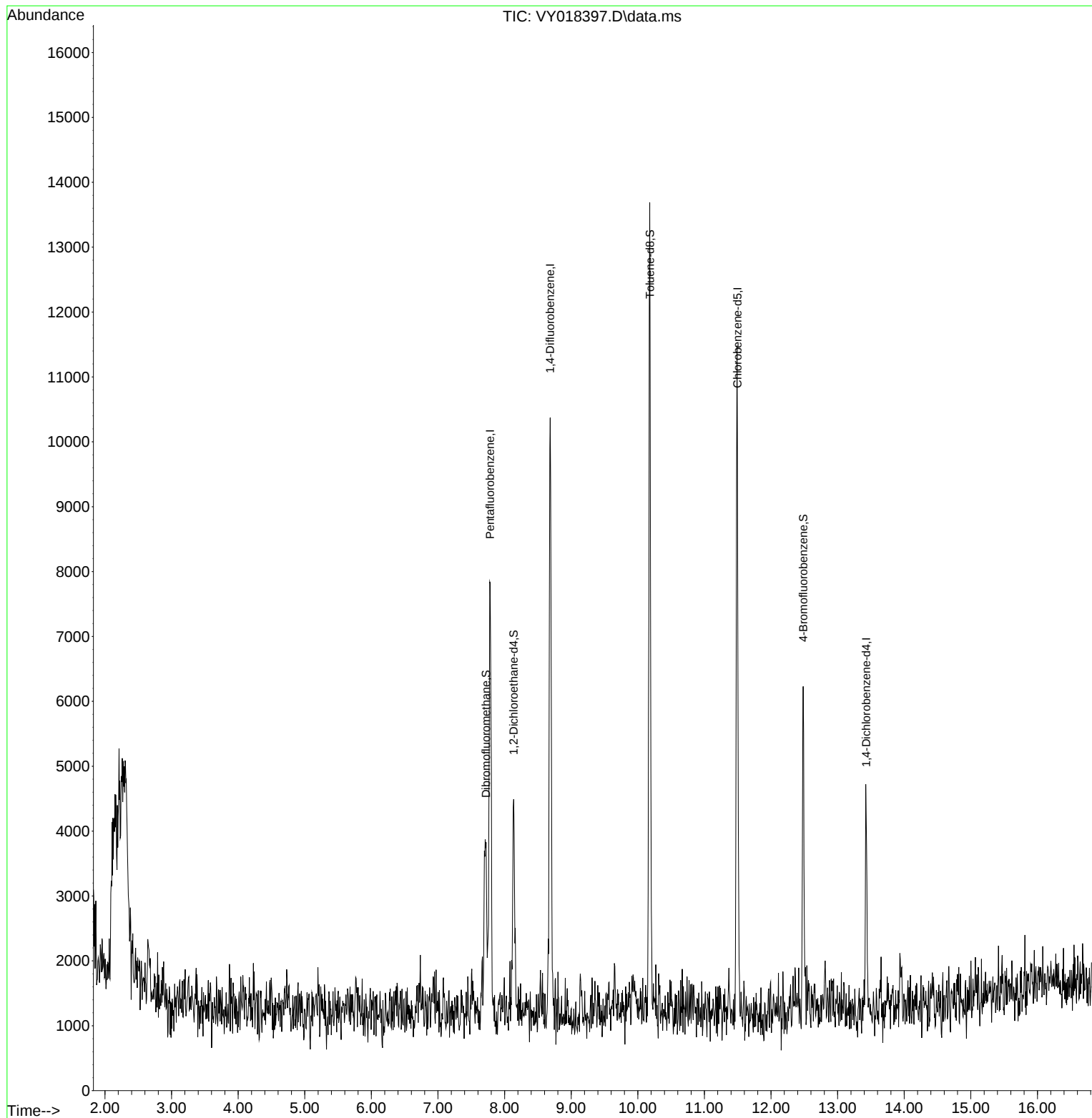
Target Compounds	Qvalue

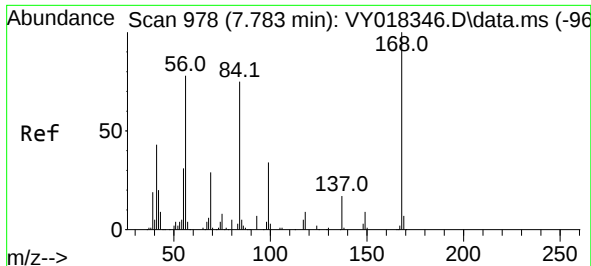
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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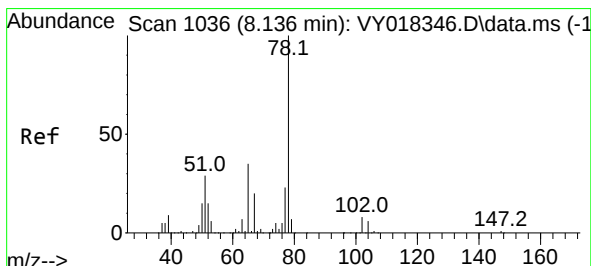
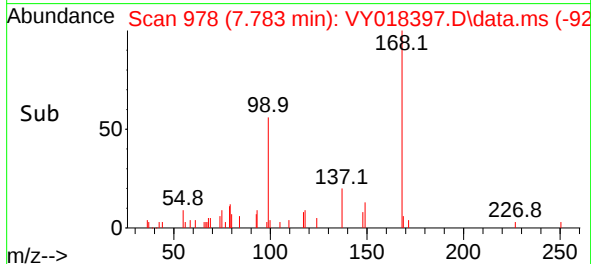
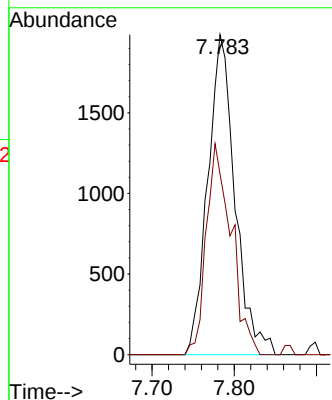
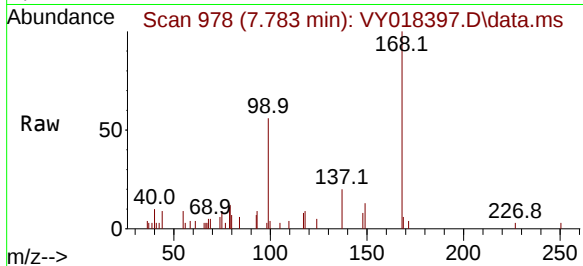




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

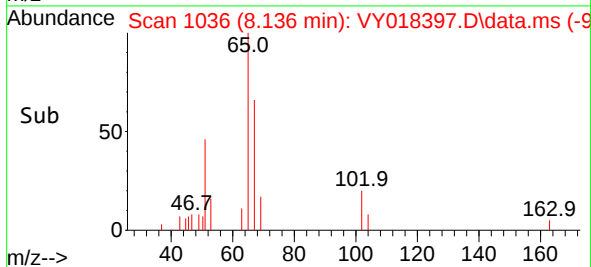
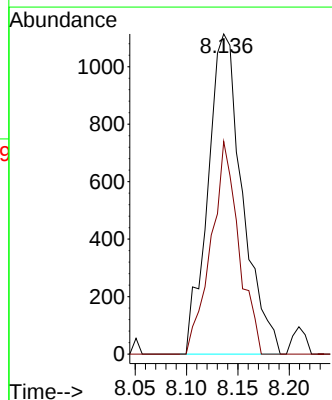
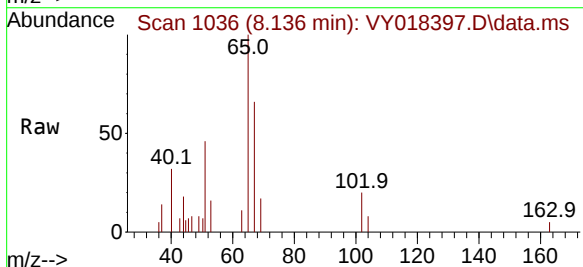
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-05242024

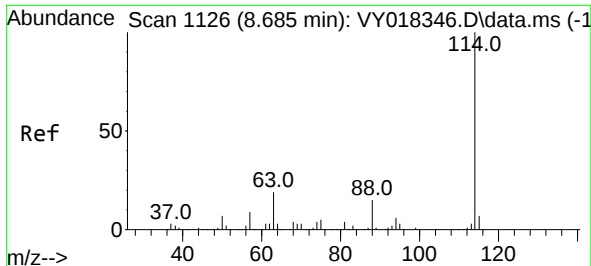
Tgt Ion:168 Resp: 4562
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.271 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 65 Resp: 2605
Ion Ratio Lower Upper
65 100
67 53.1 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: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-05242024

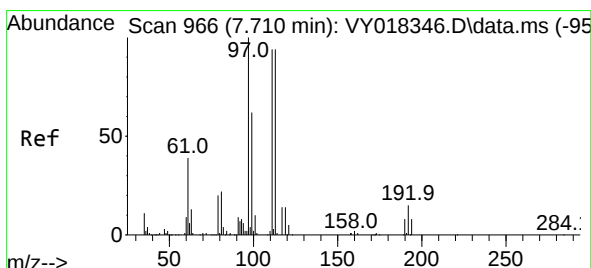
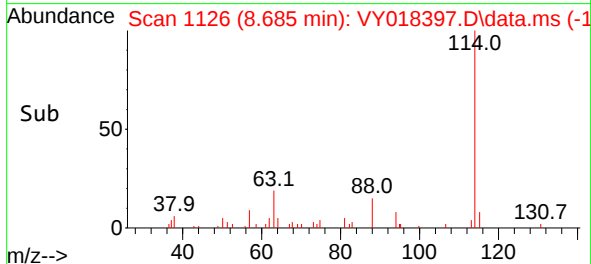
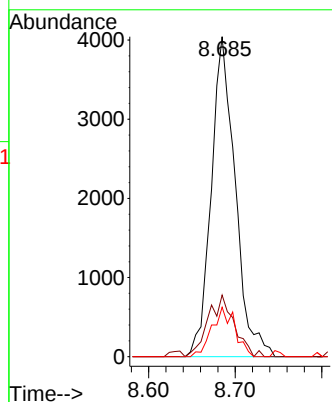
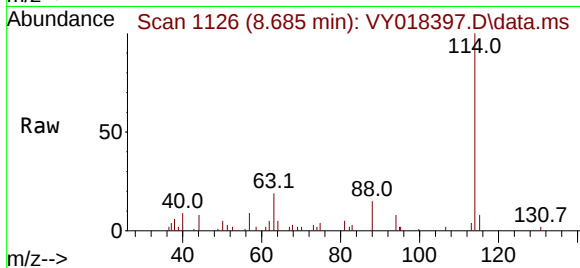
Tgt Ion:114 Resp: 7778

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

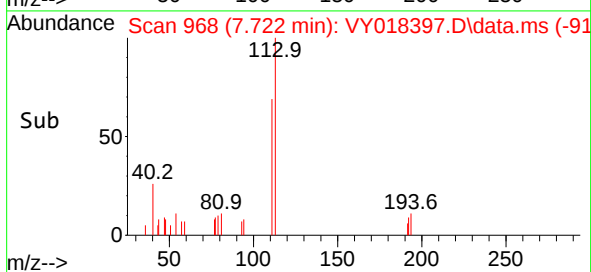
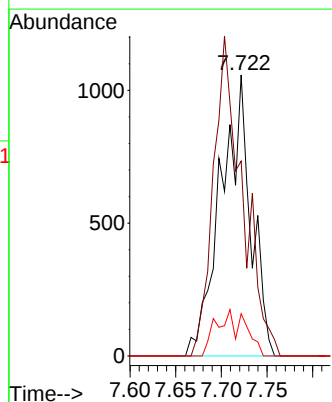
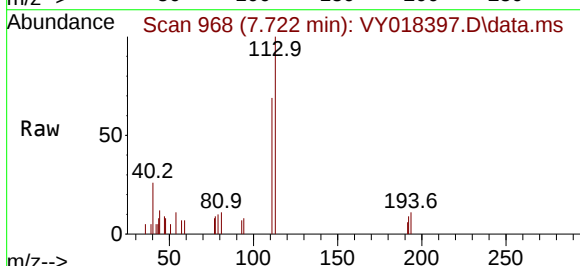
Tgt Ion:113 Resp: 2422

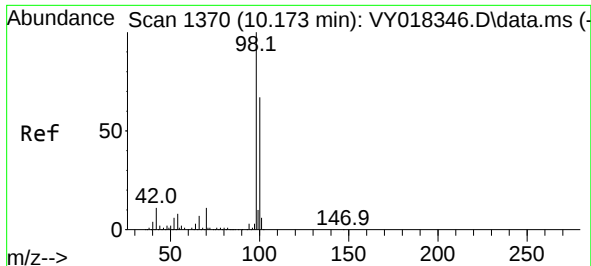
Ion Ratio Lower Upper

113 100

111 109.9 82.2 123.4

192 9.9 15.9 23.9#

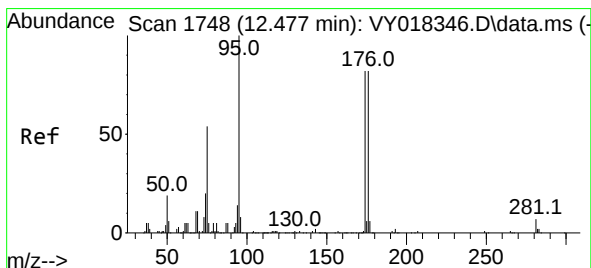
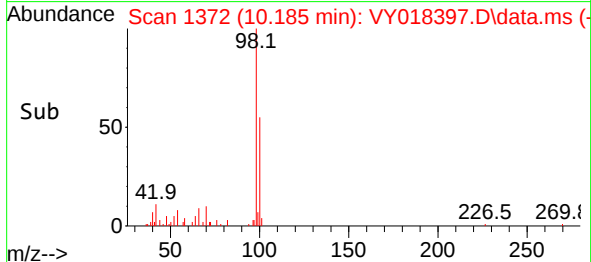
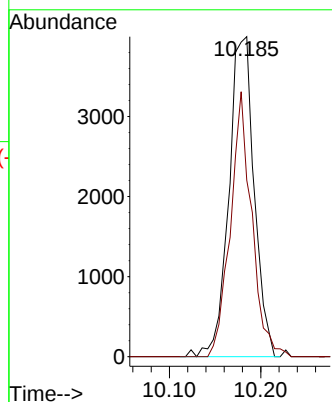
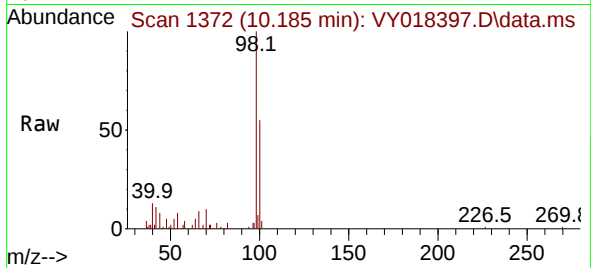




#50
Toluene-d8
Concen: 43.525 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

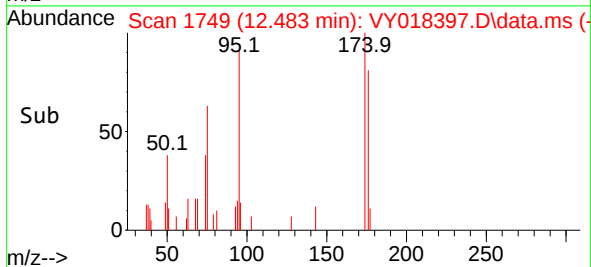
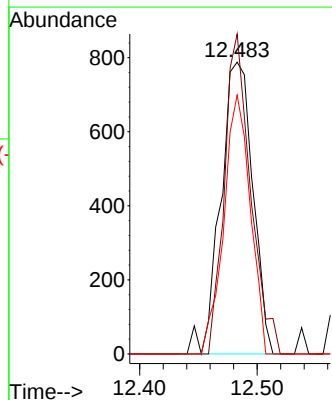
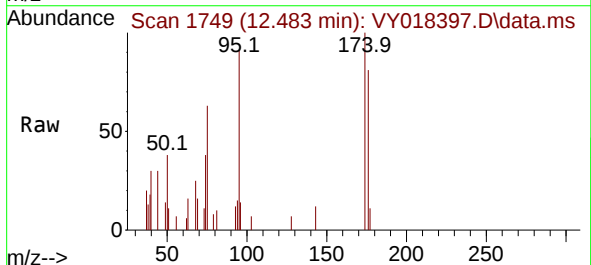
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-05242024

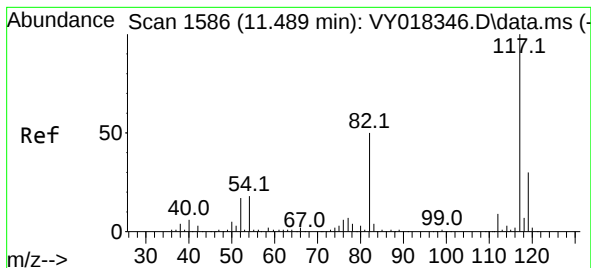
Tgt Ion: 98 Resp: 7697
Ion Ratio Lower Upper
98 100
100 69.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 95 Resp: 1499
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 73.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-05242024

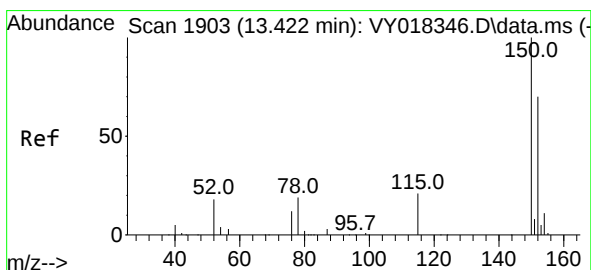
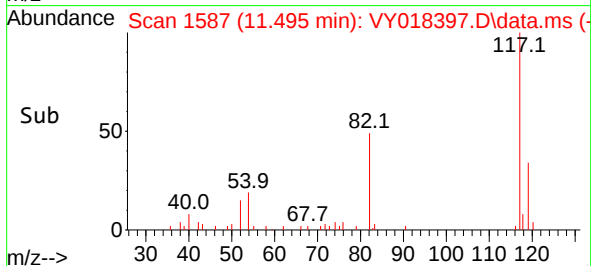
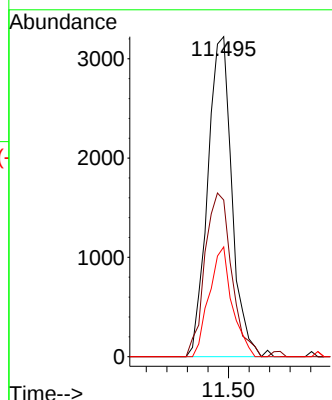
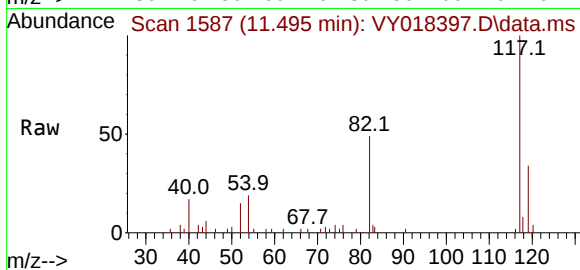
Tgt Ion:117 Resp: 5274

Ion Ratio Lower Upper

117 100

82 49.0 42.4 63.6

119 34.3 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: VY018397.D

Acq: 29 May 2024 14:16

Tgt Ion:152 Resp: 921

Ion Ratio Lower Upper

152 100

115 69.2 28.2 84.7

150 149.1 0.0 345.6

