

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018359.D
 Acq On : 23 May 2024 14:04
 Operator : SY/MD
 Sample : P2580-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-052224

Quant Time: May 24 01:16:43 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	2447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2587	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	213	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1346	58.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.120%	
35) Dibromofluoromethane	7.710	113	1080	45.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.420%	
50) Toluene-d8	10.173	98	4582	49.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.483	95	758	26.342	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 52.680%	

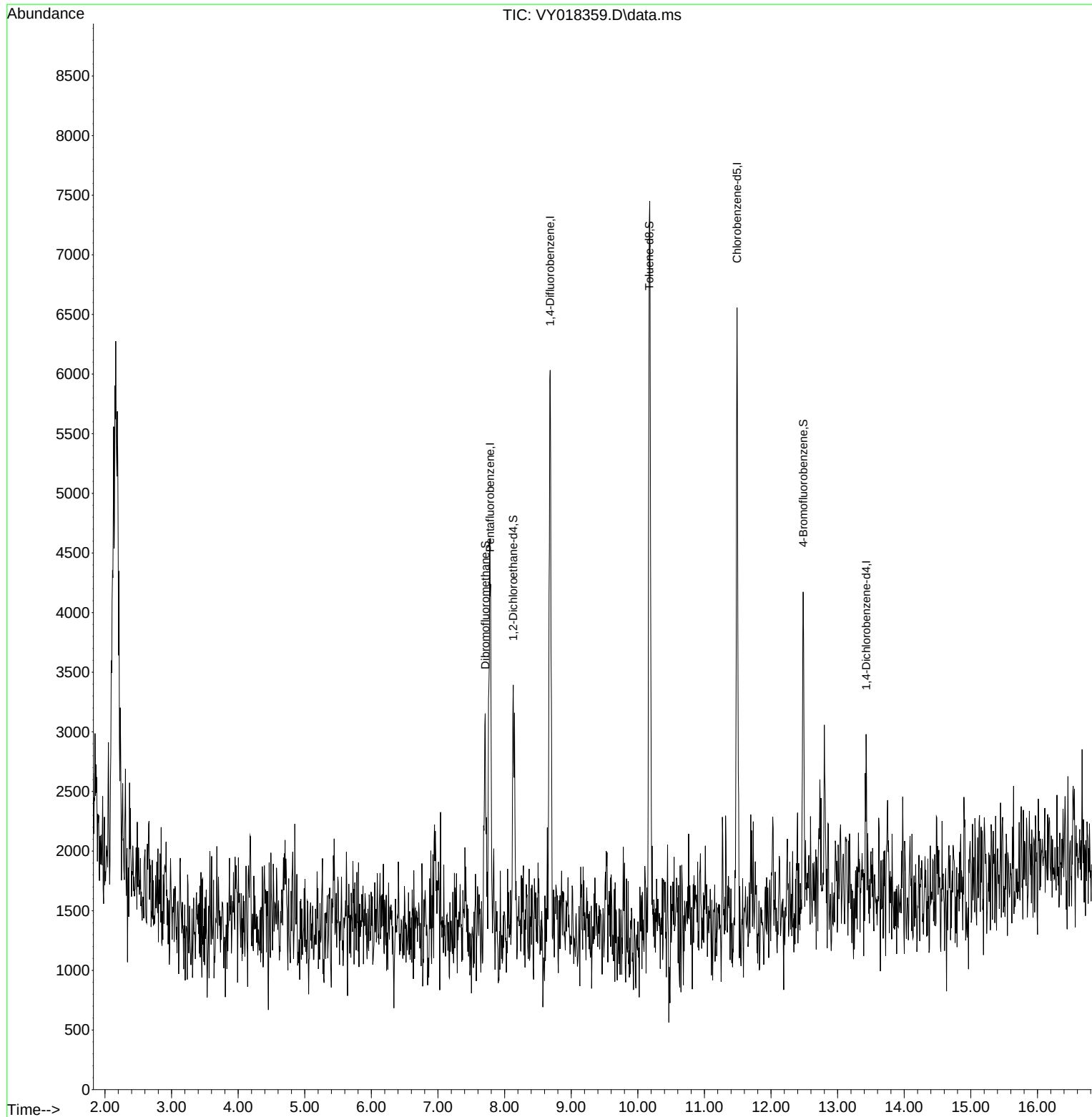
Target Compounds	Qvalue

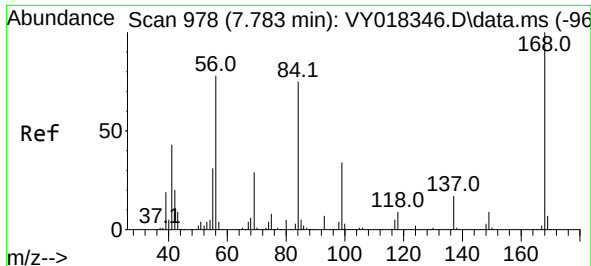
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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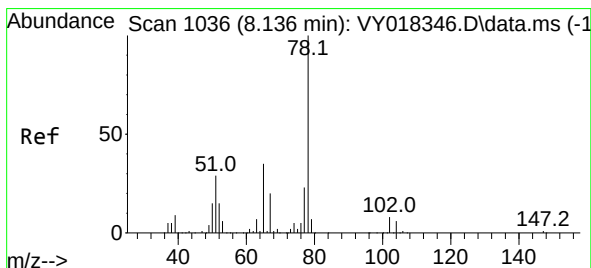
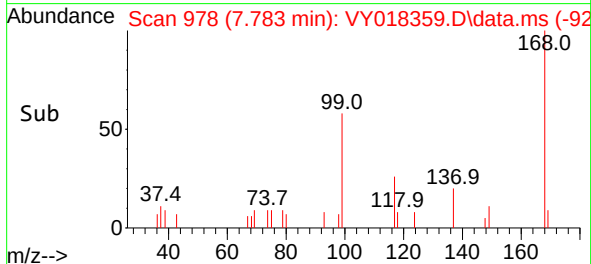
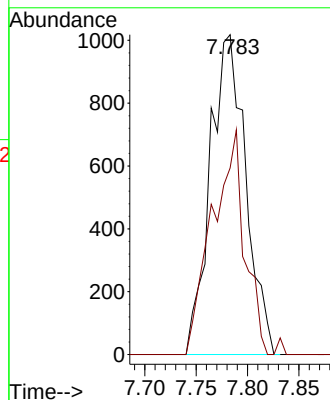
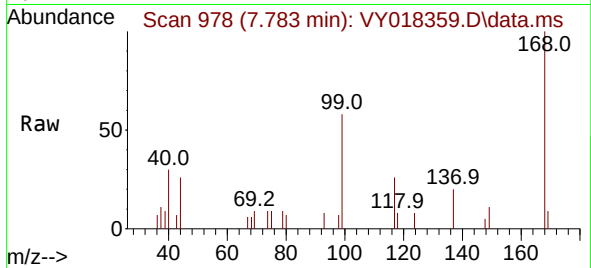




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

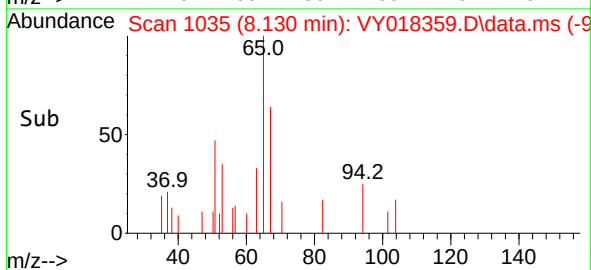
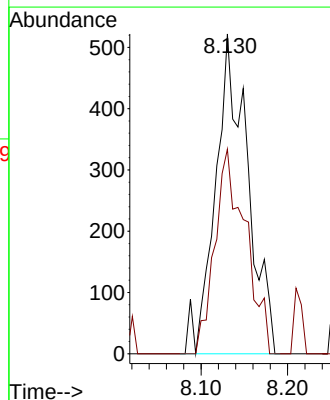
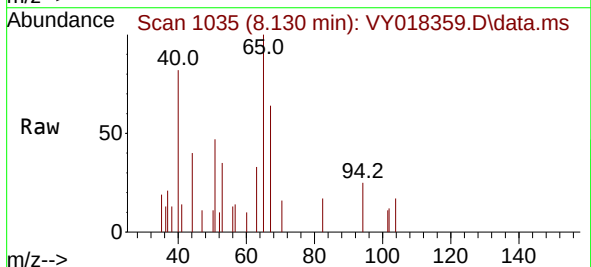
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

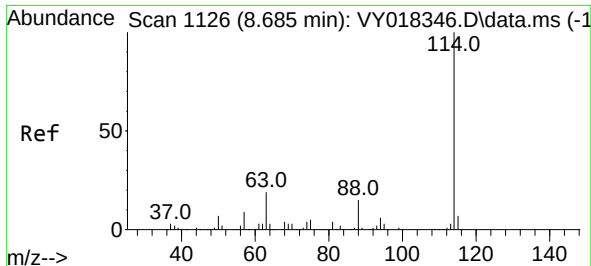
Tgt Ion:168 Resp: 2447
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion: 65 Resp: 1346
Ion Ratio Lower Upper
65 100
67 61.1 0.0 109.6

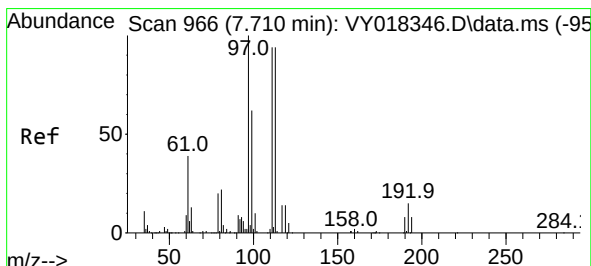
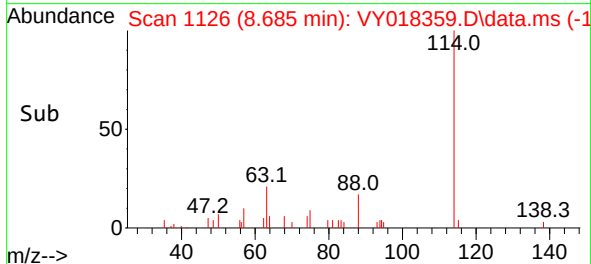
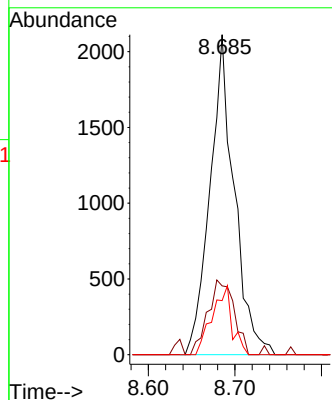
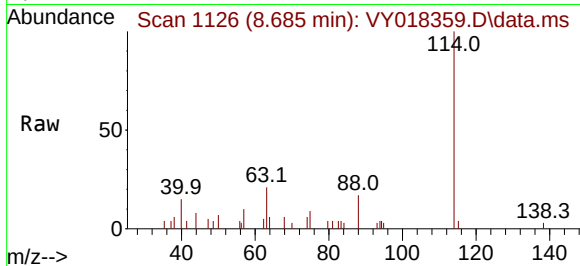




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

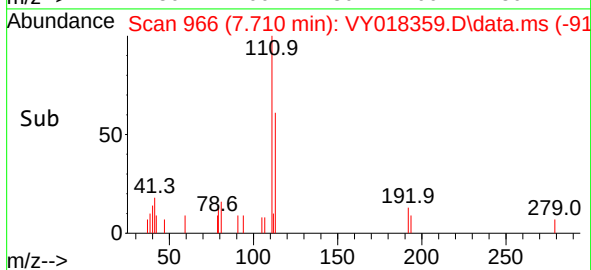
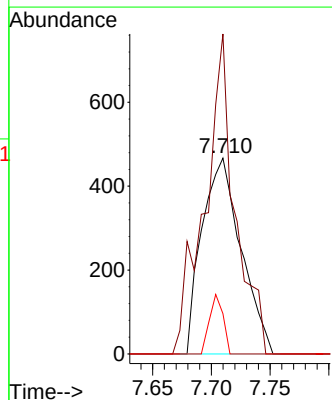
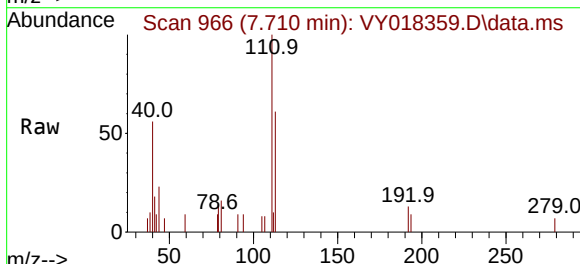
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-052224

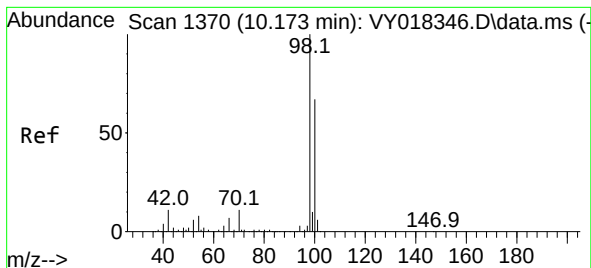
Tgt Ion:	114	Resp:	4096
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	35.0
88	16.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 45.215 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018359.D
Acq: 23 May 2024 14:04

Tgt Ion:	113	Resp:	1080
Ion Ratio	Lower	Upper	
113	100		
111	126.5	82.2	123.4#
192	10.6	15.9	23.9#





#50

Toluene-d8

Concen: 49.202 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

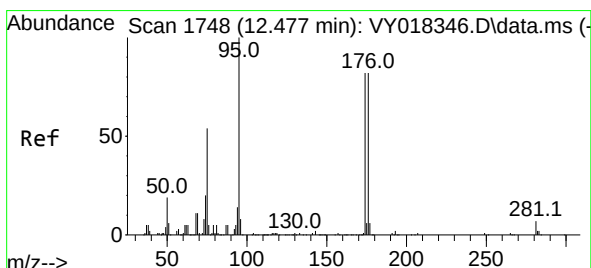
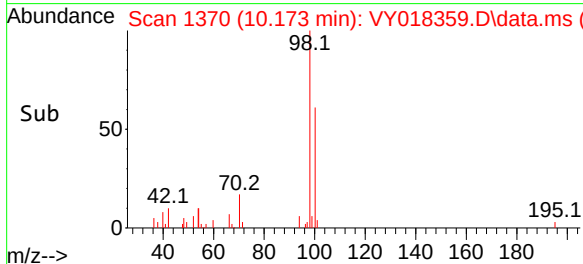
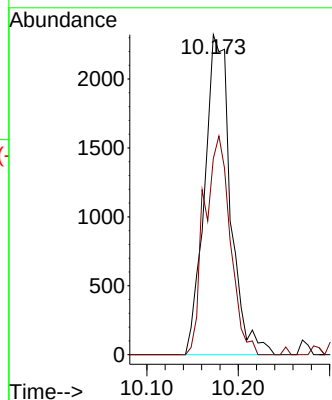
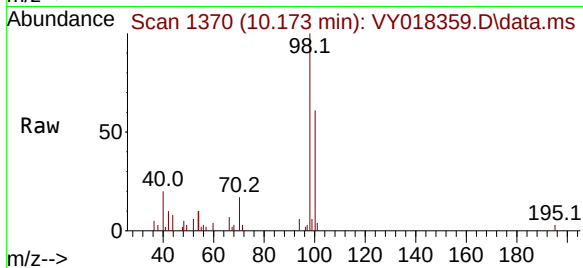
TR-05-052224

Tgt Ion: 98 Resp: 4582

Ion Ratio Lower Upper

98 100

100 68.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.342 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018359.D

Acq: 23 May 2024 14:04

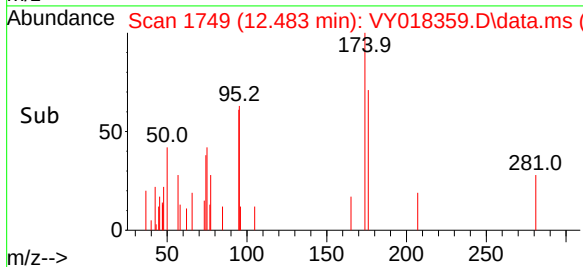
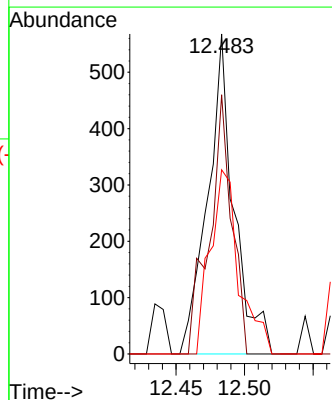
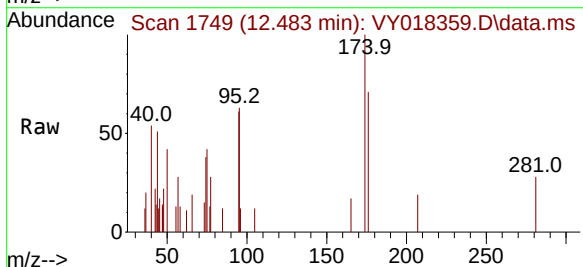
Tgt Ion: 95 Resp: 758

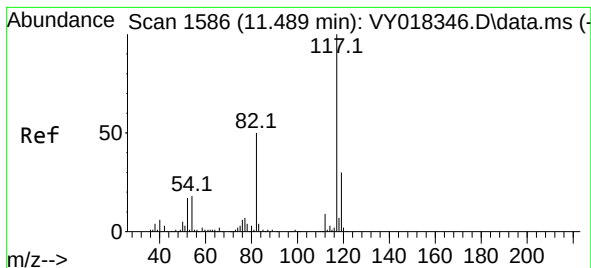
Ion Ratio Lower Upper

95 100

174 68.9 0.0 175.6

176 63.1 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: VY018359.D

Acq: 23 May 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-052224

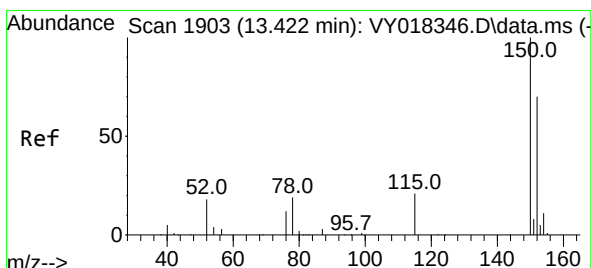
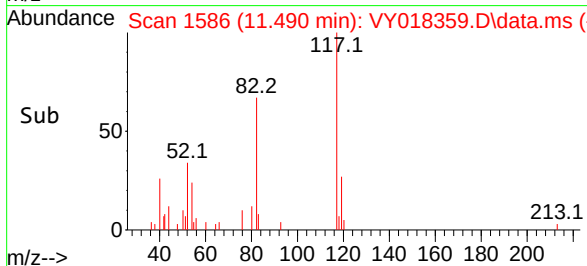
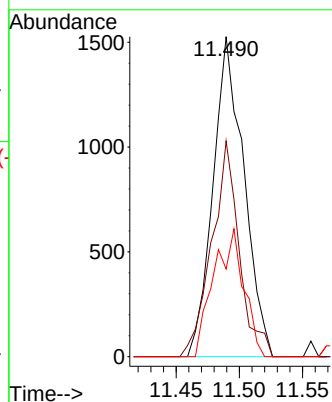
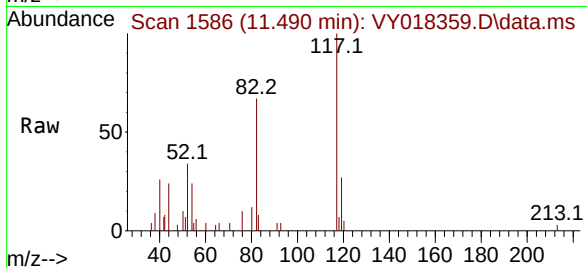
Tgt Ion:117 Resp: 2587

Ion Ratio Lower Upper

117 100

82 67.4 42.4 63.6#

119 27.4 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: VY018359.D

Acq: 23 May 2024 14:04

Tgt Ion:152 Resp: 213

Ion Ratio Lower Upper

152 100

115 105.2 28.2 84.7#

150 233.3 0.0 345.6

