

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018409.D
 Acq On : 30 May 2024 13:05
 Operator : SY/MD
 Sample : P2610-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-05242024RE

Quant Time: May 31 01:00:43 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	5817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	8952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5335	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	2369	42.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.980%
35) Dibromofluoromethane	7.710	113	2652	50.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.179	98	8778	43.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.260%
62) 4-Bromofluorobenzene	12.483	95	1777	28.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.520%

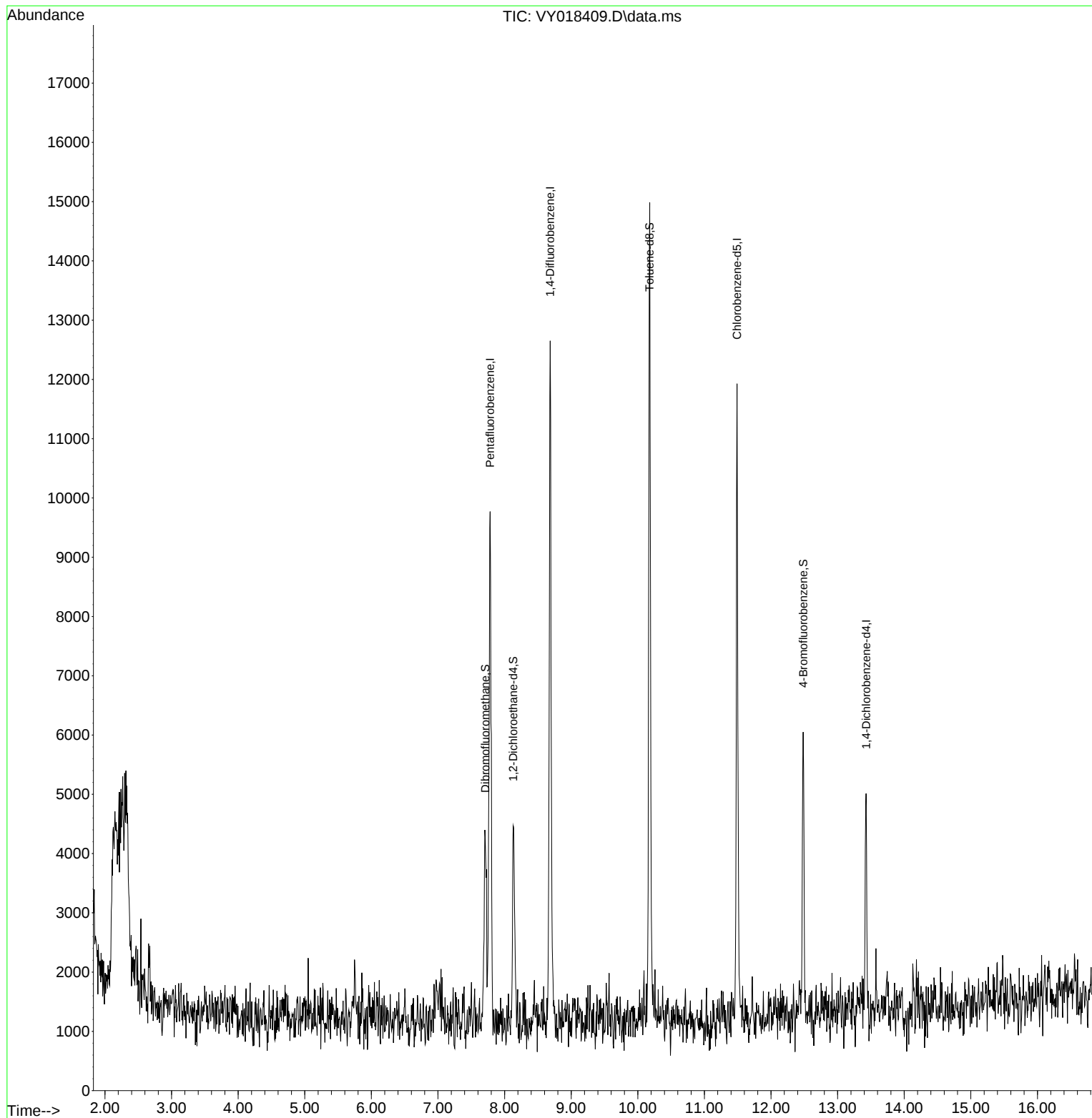
Target Compounds	Qvalue

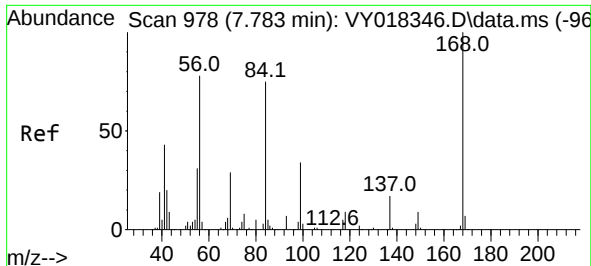
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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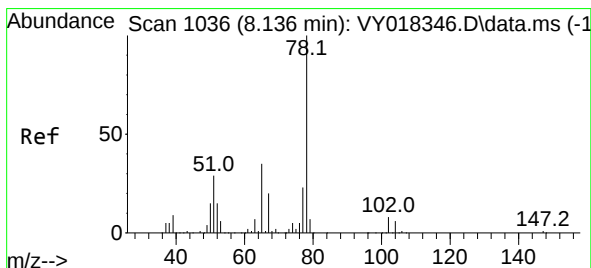
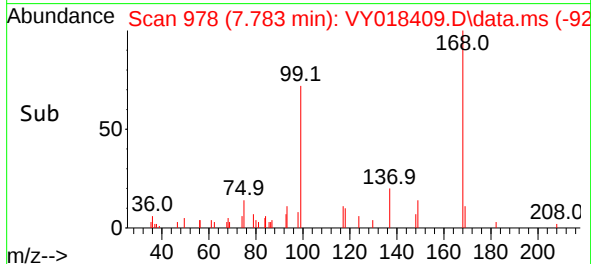
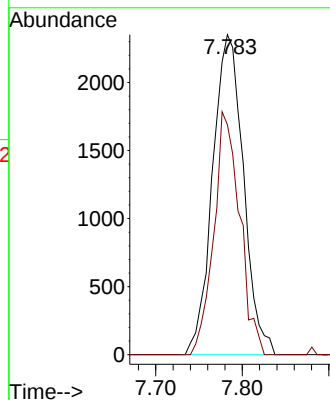
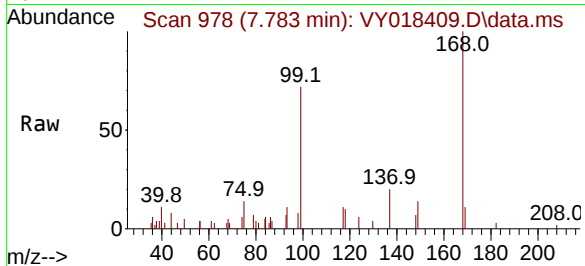




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018409.D
Acq: 30 May 2024 13:05

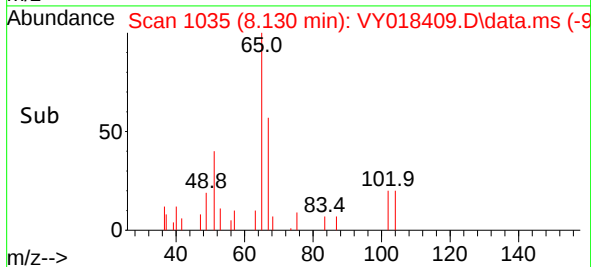
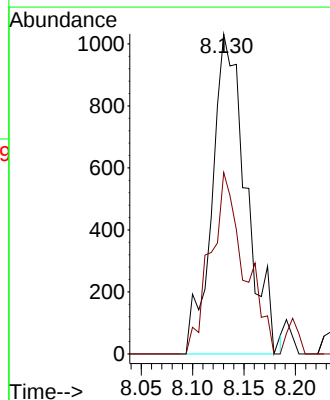
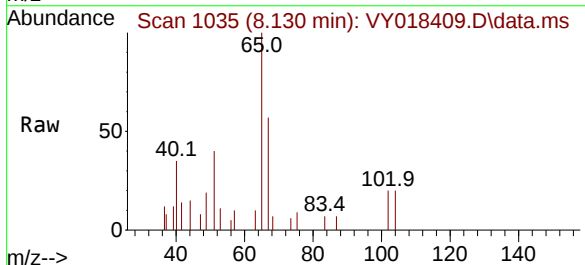
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-05242024RE

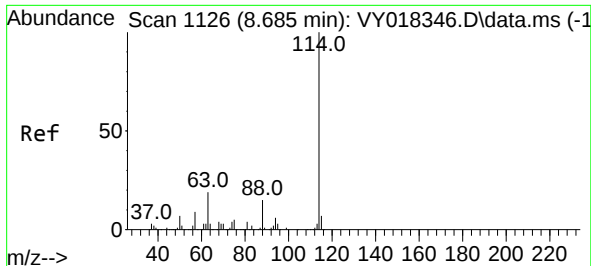
Tgt Ion:168 Resp: 5817
Ion Ratio Lower Upper
168 100
99 71.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 42.986 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018409.D
Acq: 30 May 2024 13:05

Tgt Ion: 65 Resp: 2369
Ion Ratio Lower Upper
65 100
67 56.5 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: VY018409.D

Acq: 30 May 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-05242024RE

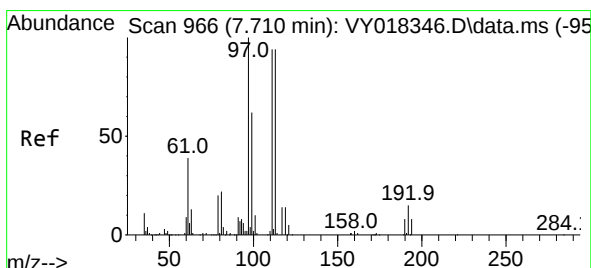
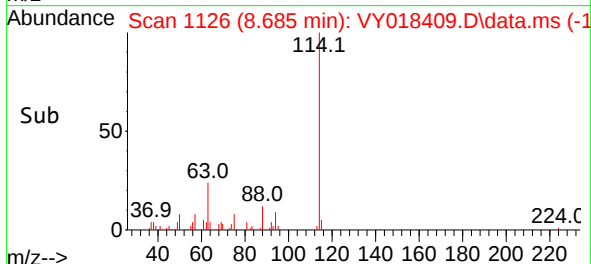
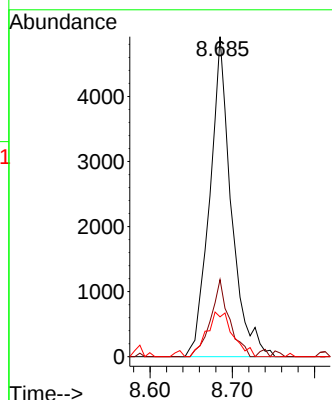
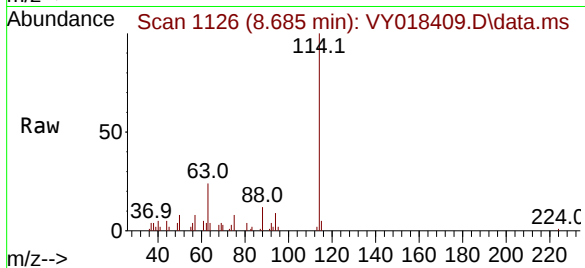
Tgt Ion:114 Resp: 8952

Ion Ratio Lower Upper

114 100

63 24.1 0.0 35.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.801 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018409.D

Acq: 30 May 2024 13:05

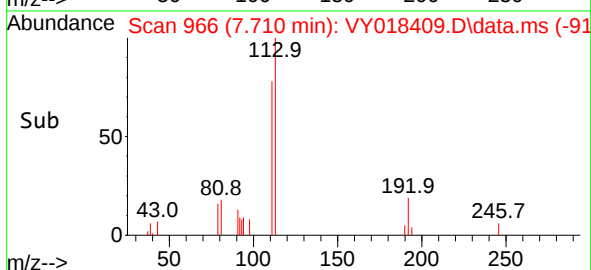
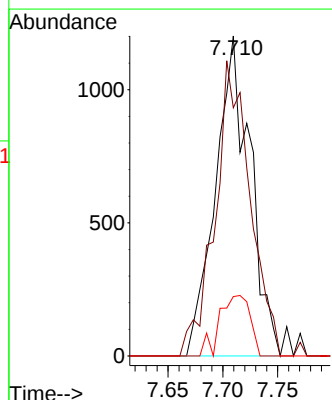
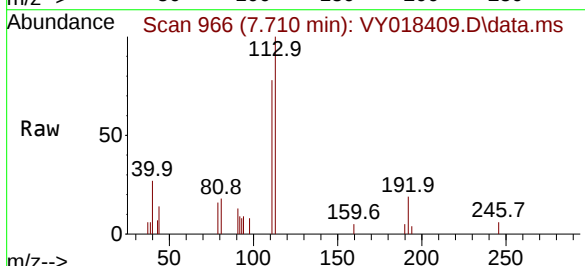
Tgt Ion:113 Resp: 2652

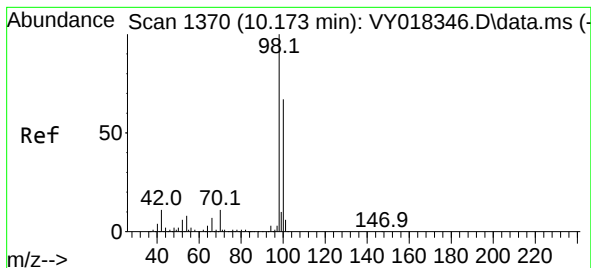
Ion Ratio Lower Upper

113 100

111 93.1 82.2 123.4

192 16.6 15.9 23.9

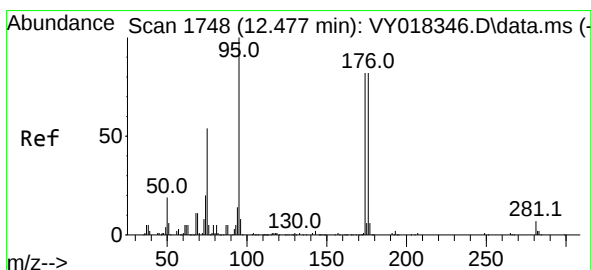
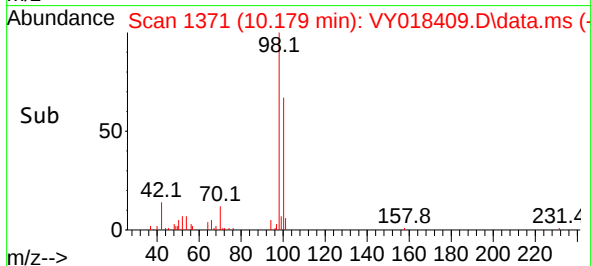
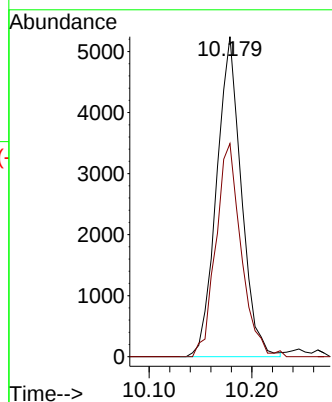
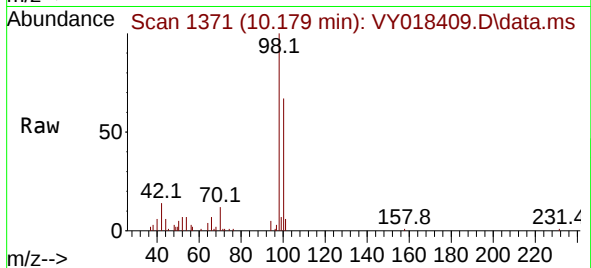




#50
Toluene-d8
Concen: 43.128 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018409.D
Acq: 30 May 2024 13:05

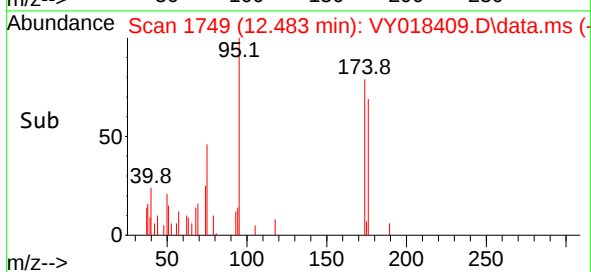
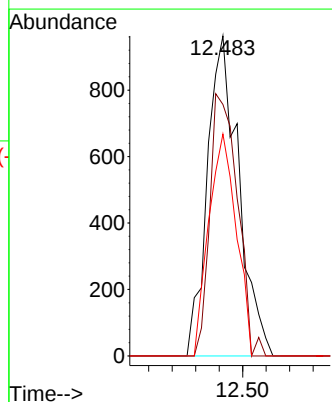
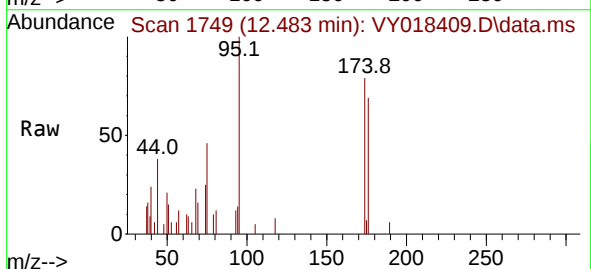
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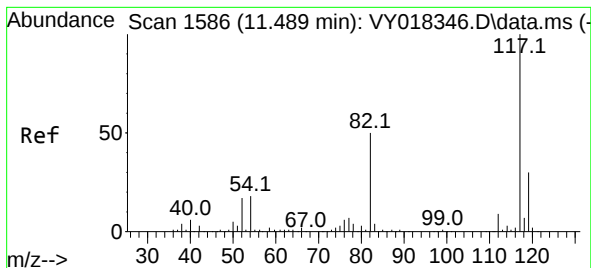
Tgt Ion: 98 Resp: 8778
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018409.D
Acq: 30 May 2024 13:05

Tgt Ion: 95 Resp: 1777
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 61.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018409.D

Acq: 30 May 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-05242024RE

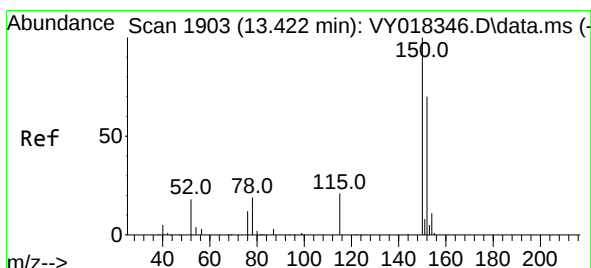
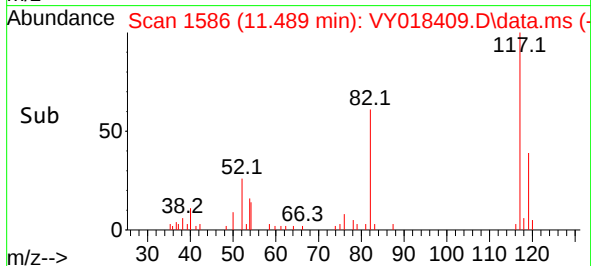
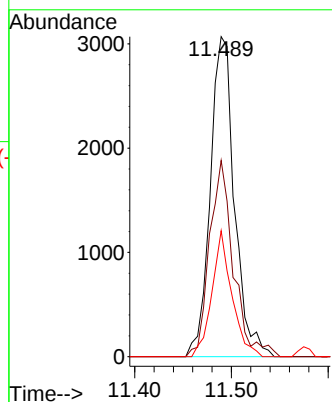
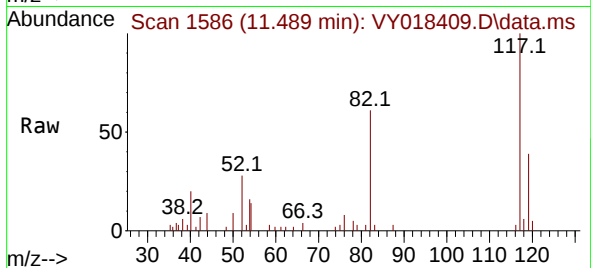
Tgt Ion:117 Resp: 5335

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 39.4 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: VY018409.D

Acq: 30 May 2024 13:05

Tgt Ion:152 Resp: 895

Ion Ratio Lower Upper

152 100

115 67.3 28.2 84.7

150 139.3 0.0 345.6

