

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018410.D
 Acq On : 30 May 2024 13:29
 Operator : SY/MD
 Sample : P2610-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-05242024

Quant Time: May 31 01:01:12 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	93714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	189816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57840	65.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.300%	
35) Dibromofluoromethane	7.710	113	59001	53.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.179	98	227561	52.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.483	95	67137	50.346	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.700%	

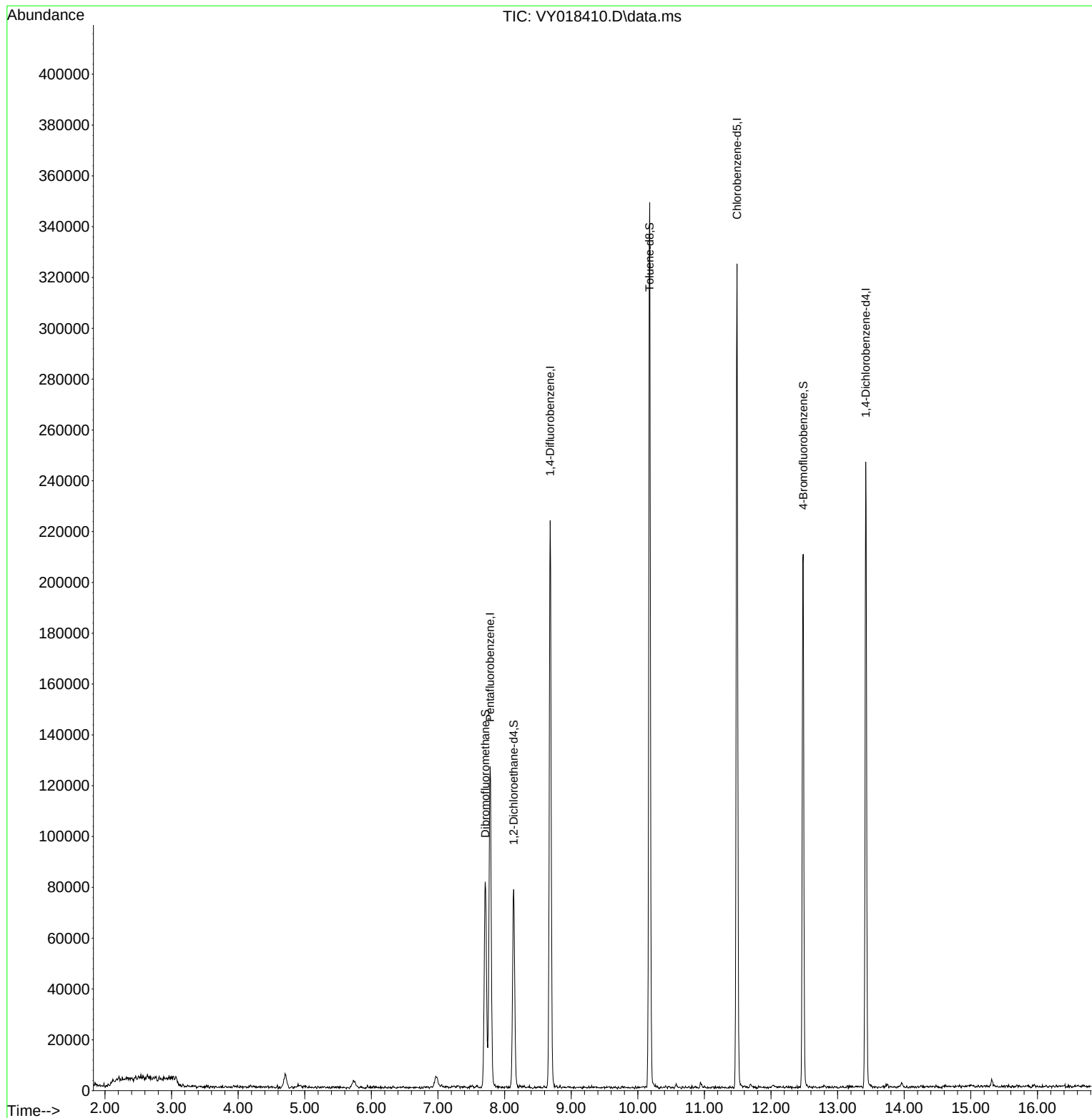
Target Compounds	Qvalue

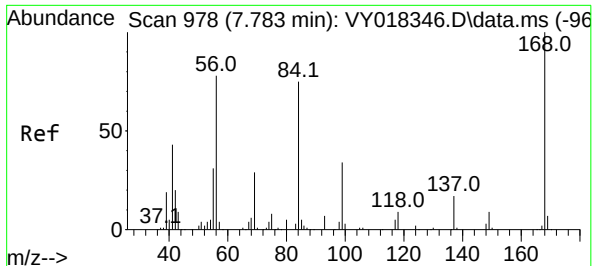
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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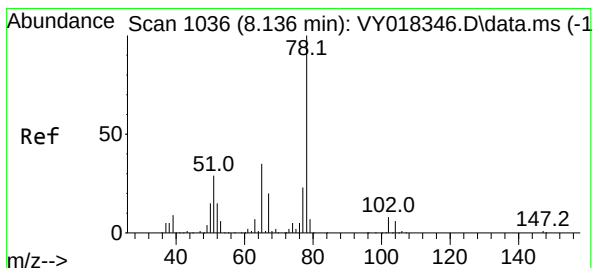
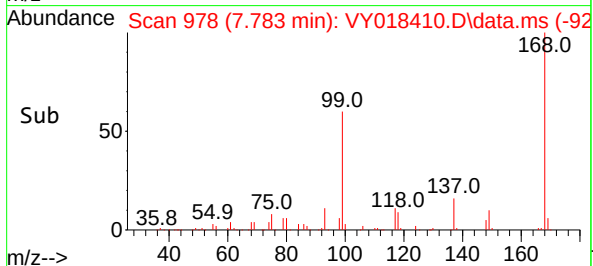
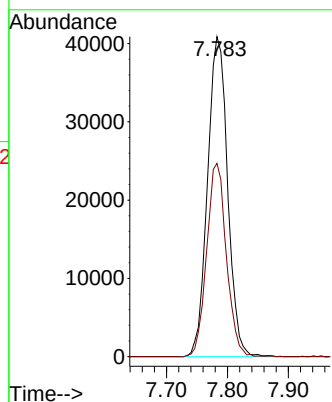
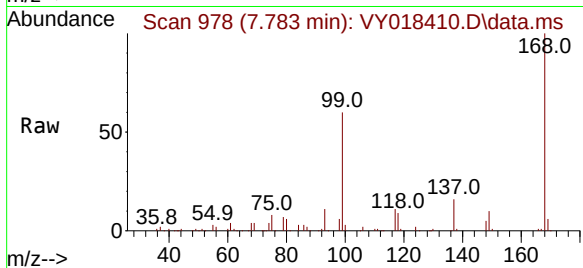




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

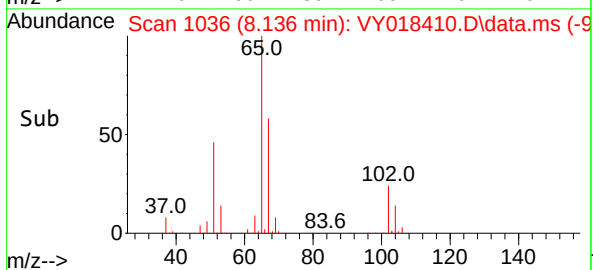
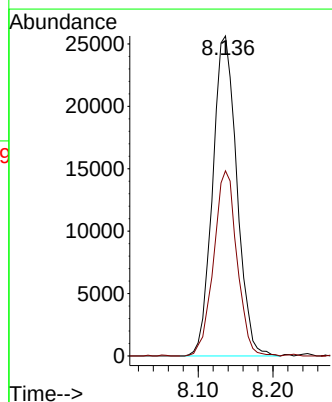
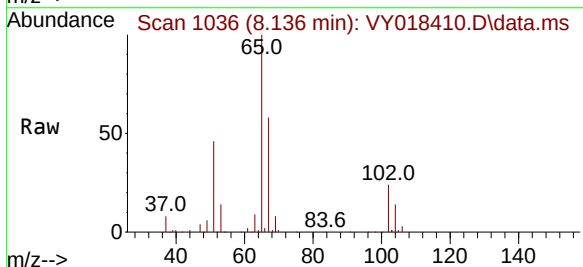
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-05242024

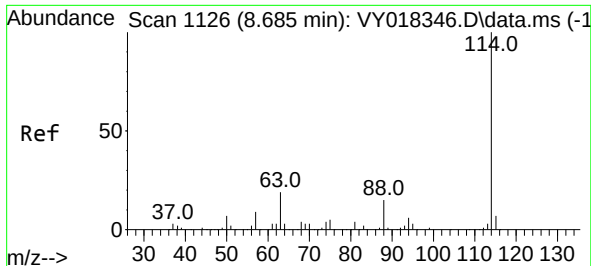
Tgt Ion:168 Resp: 93714
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.145 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion: 65 Resp: 57840
Ion Ratio Lower Upper
65 100
67 55.7 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: VY018410.D

Acq: 30 May 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-05242024

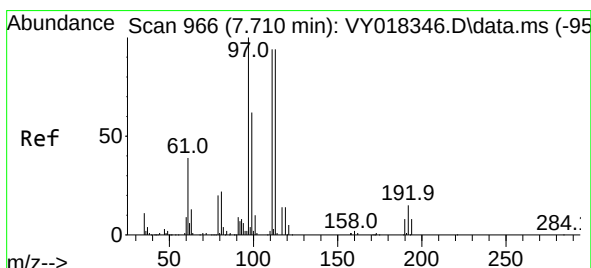
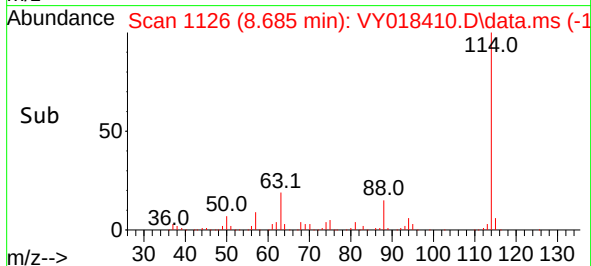
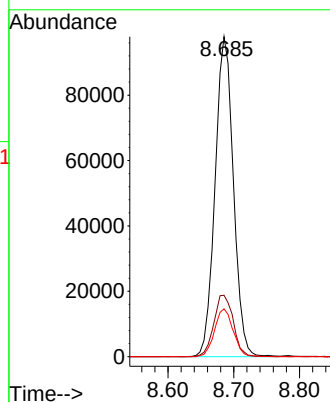
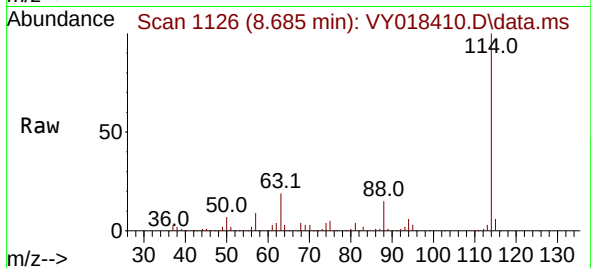
Tgt Ion:114 Resp: 189816

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.302 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

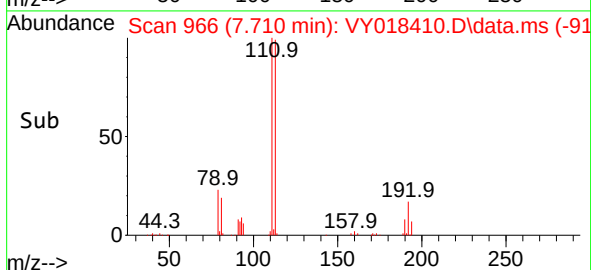
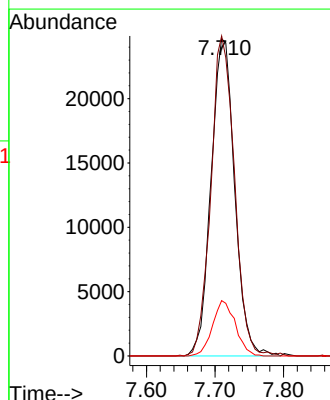
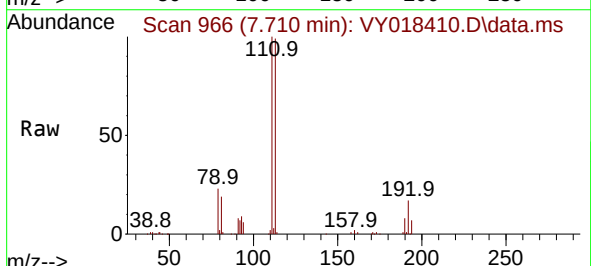
Tgt Ion:113 Resp: 59001

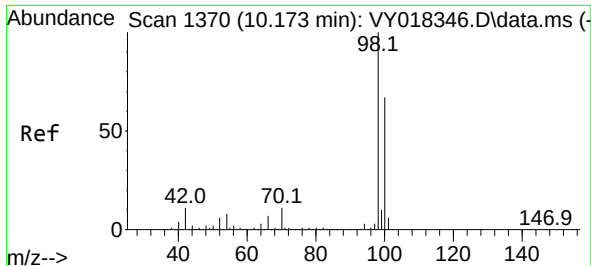
Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 16.9 15.9 23.9

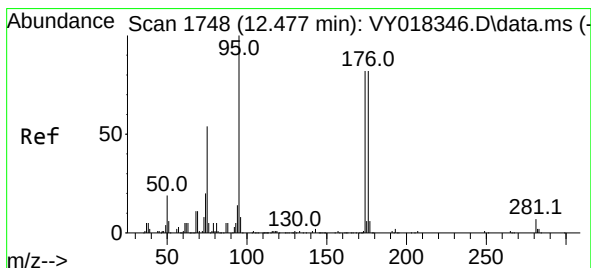
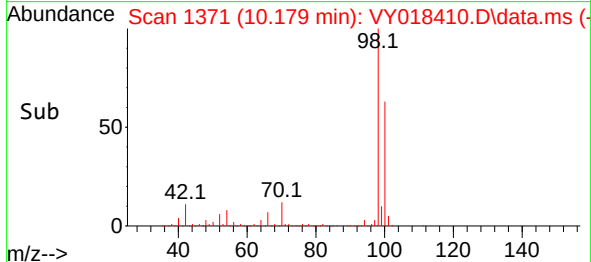
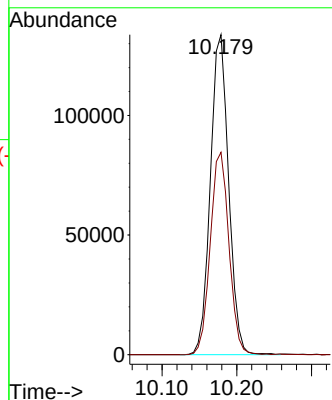
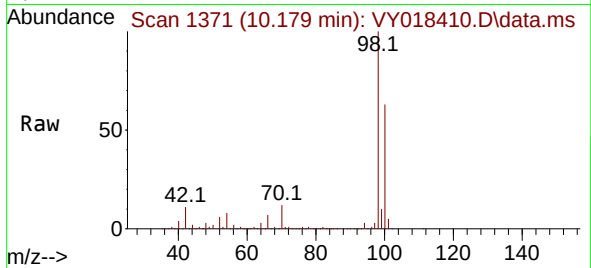




#50
Toluene-d8
Concen: 52.729 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

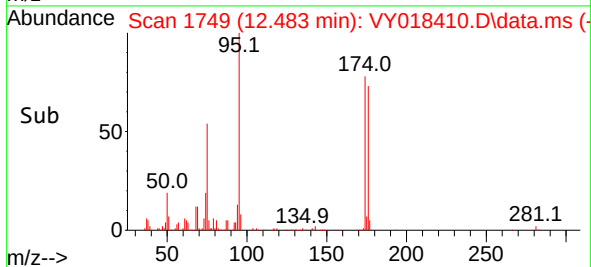
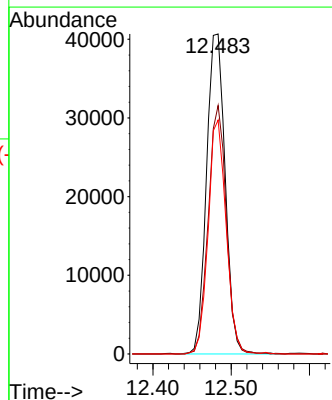
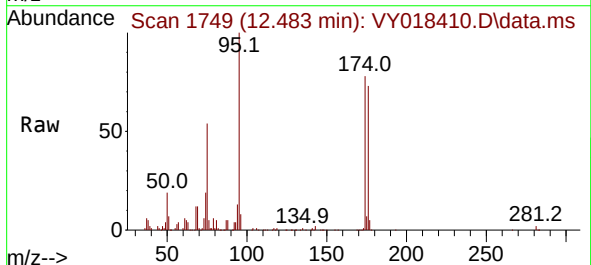
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-05242024

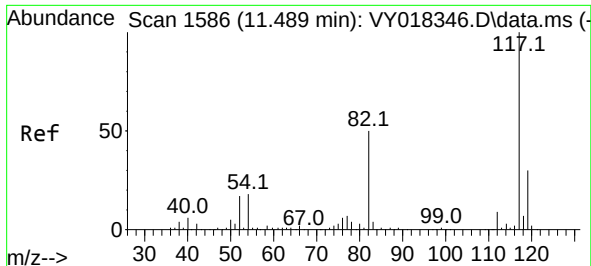
Tgt Ion: 98 Resp: 227561
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.346 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion: 95 Resp: 67137
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 70.4 0.0 171.4

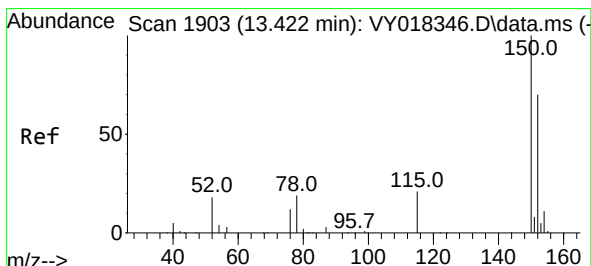
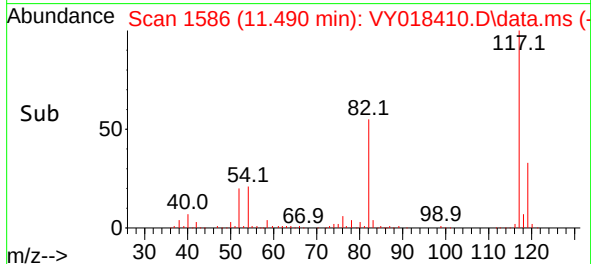
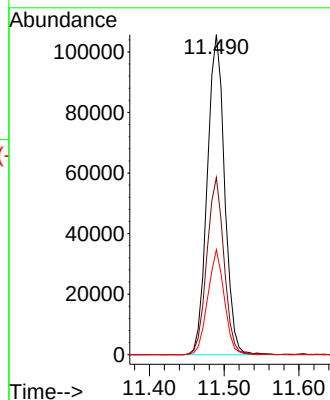
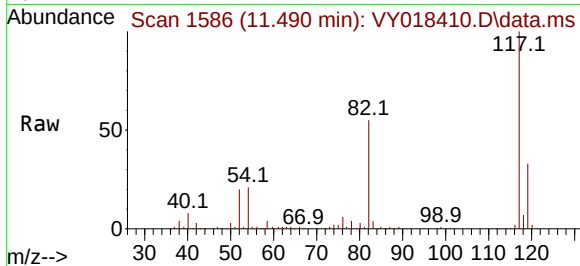




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-05242024

Tgt Ion:117 Resp: 170100
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 32.8 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: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion:152 Resp: 60291
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 158.4 0.0 345.6

