

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018140.D
 Acq On : 03 May 2024 14:10
 Operator : SY/MD
 Sample : P2357-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-05022024

Quant Time: May 06 02:57:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	231137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99697	54.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.440%
35) Dibromofluoromethane	7.710	113	121558	50.420	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.179	98	467670	49.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.483	95	149150	46.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.100%

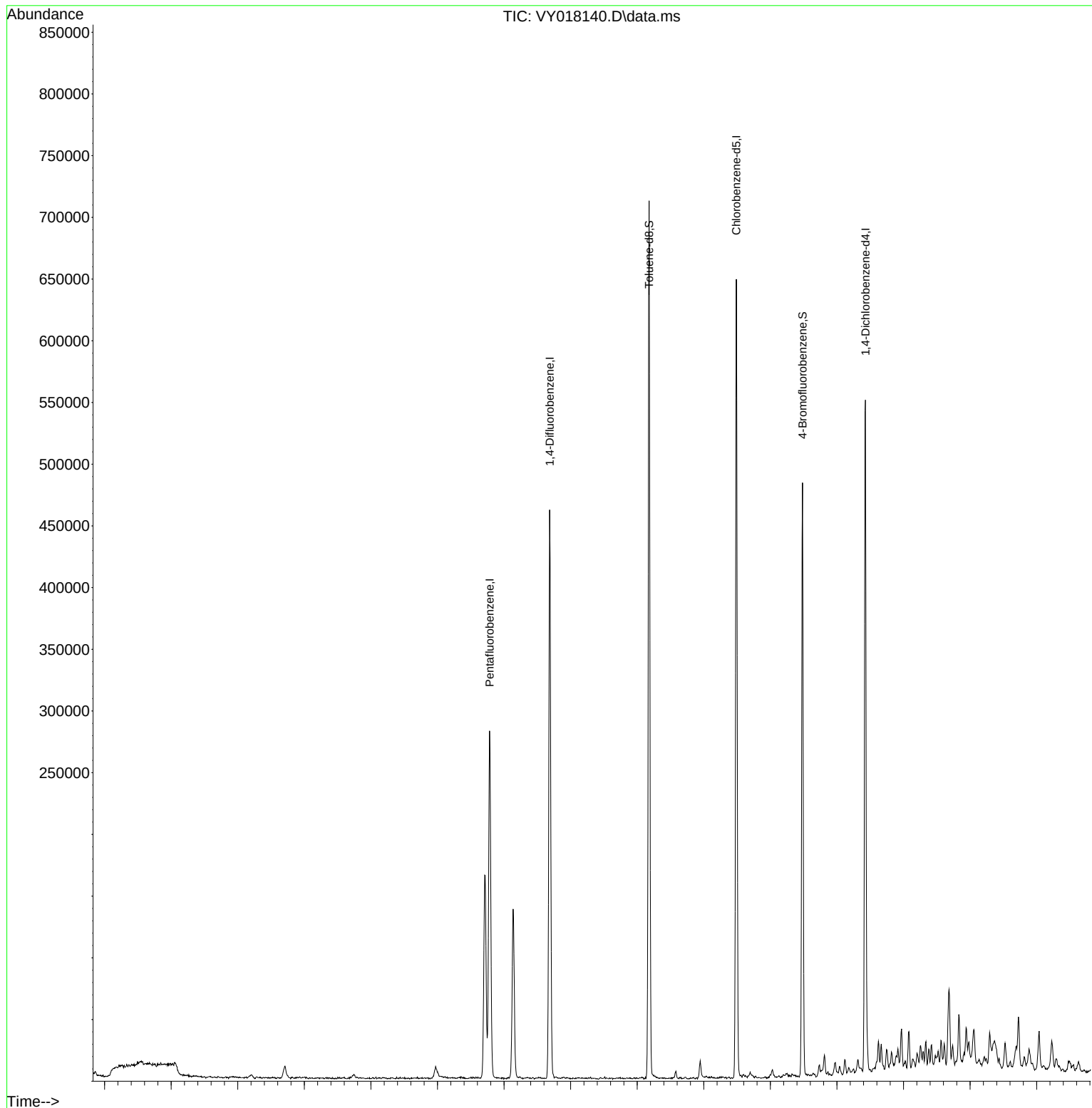
Target Compounds Qvalue

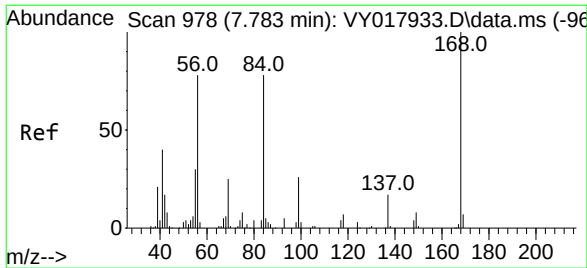
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
Data File : VY018140.D
Acq On : 03 May 2024 14:10
Operator : SY/MD
Sample : P2357-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-05022024

Quant Time: May 06 02:57:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

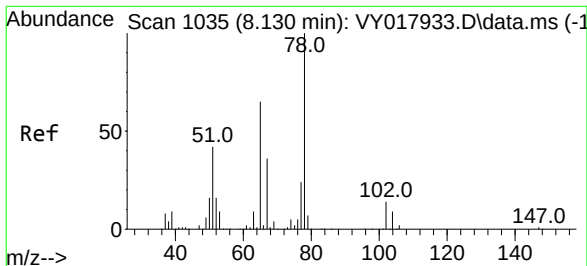
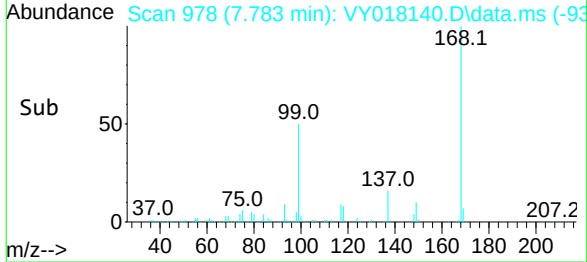
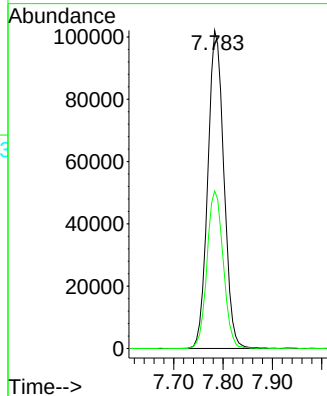
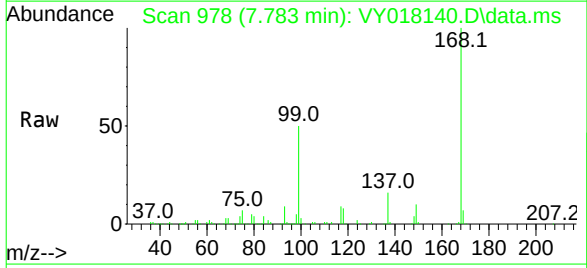




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

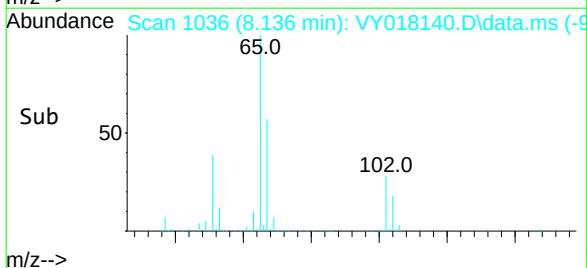
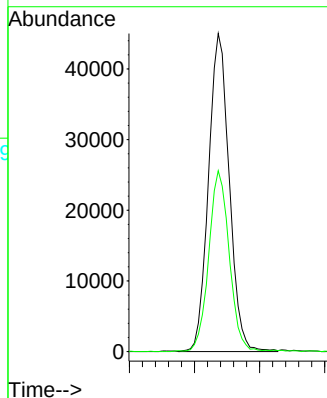
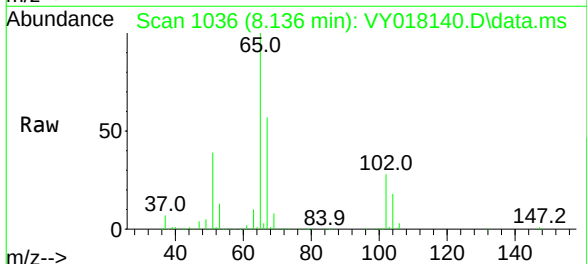
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-05022024

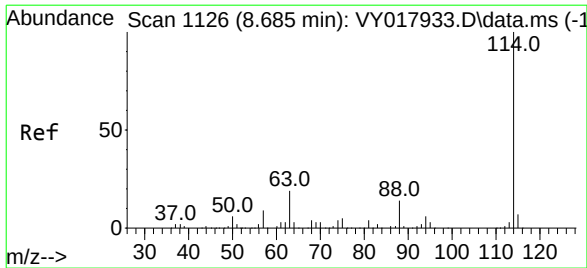
Tgt Ion:168 Resp: 231137
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.721 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Tgt Ion: 65 Resp: 99697
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

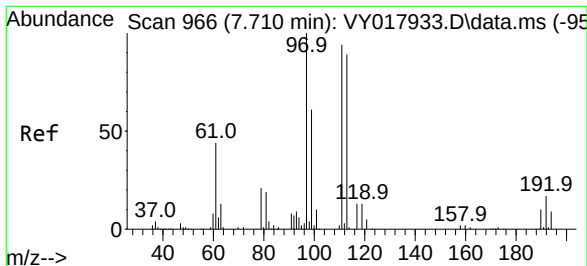
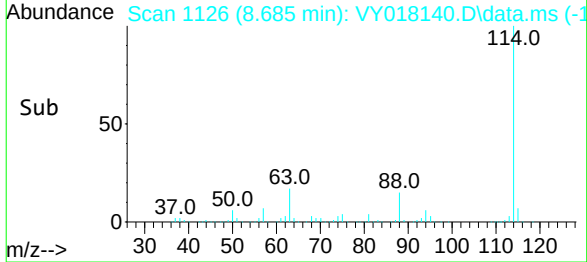
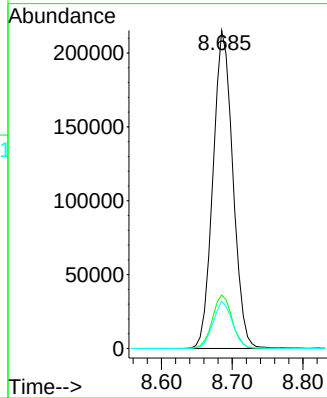
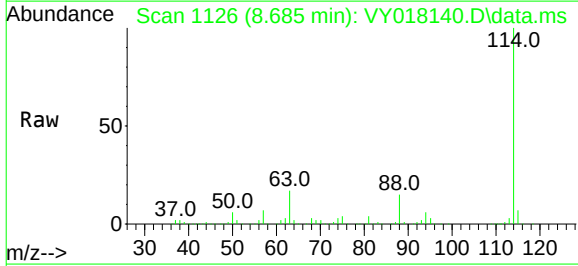




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

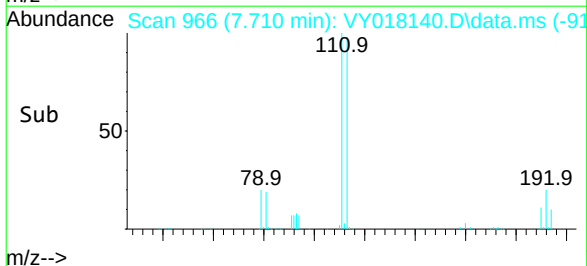
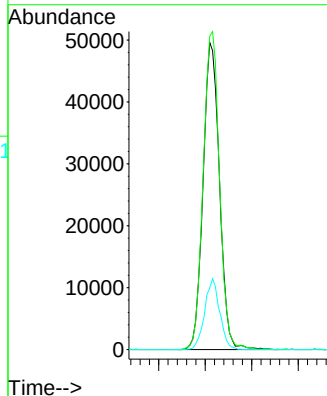
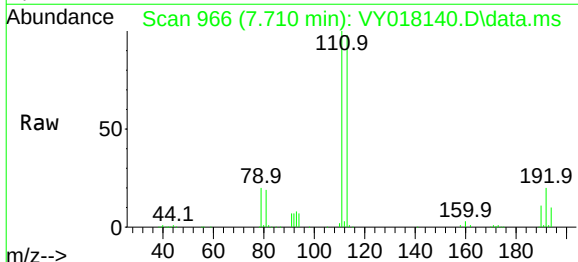
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-05022024

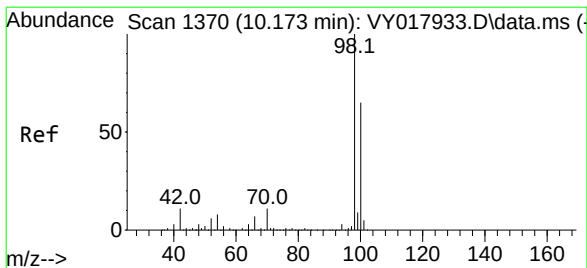
Tgt Ion:	114	Resp:	419527
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	14.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Tgt Ion:	113	Resp:	121558
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	21.1	15.9	23.9





#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

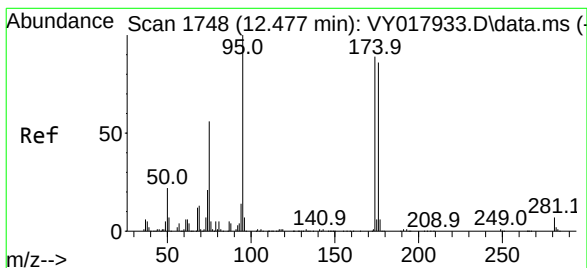
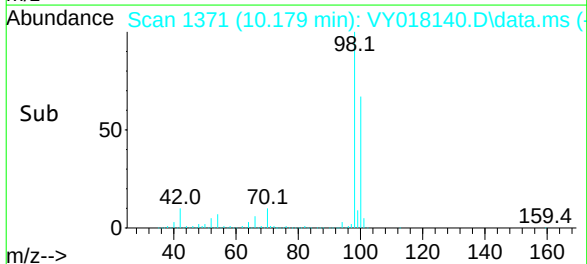
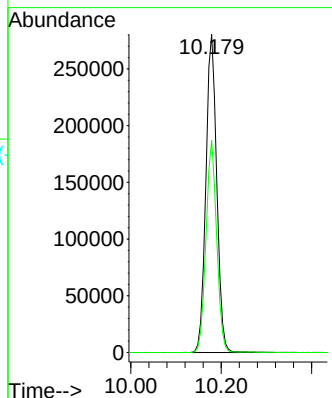
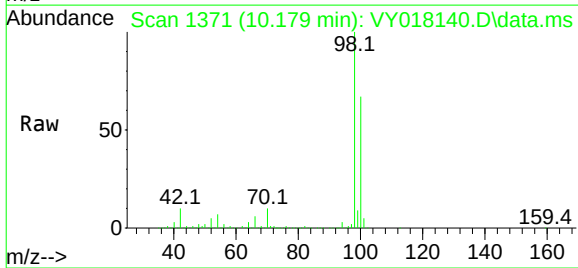
HD-01-05022024

Tgt Ion: 98 Resp: 467670

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.047 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

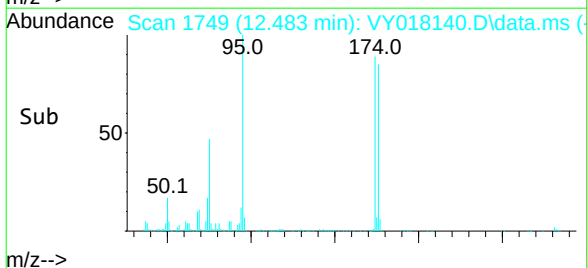
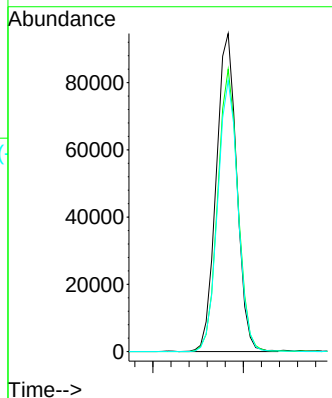
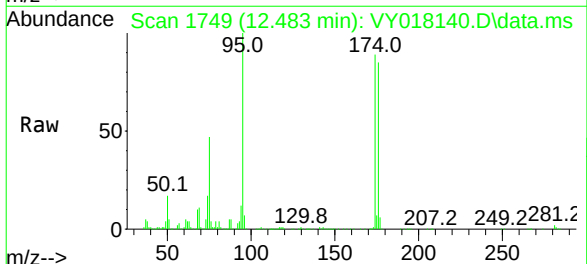
Tgt Ion: 95 Resp: 149150

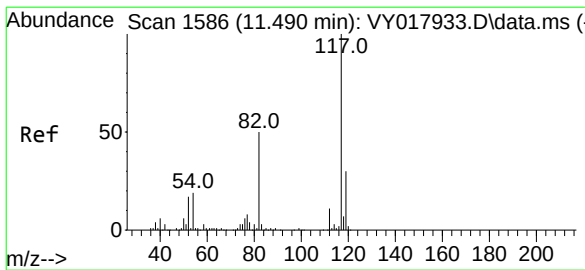
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.6

176 84.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-05022024

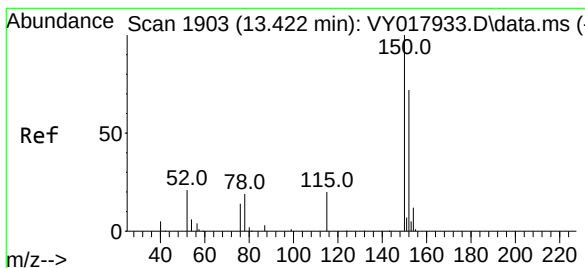
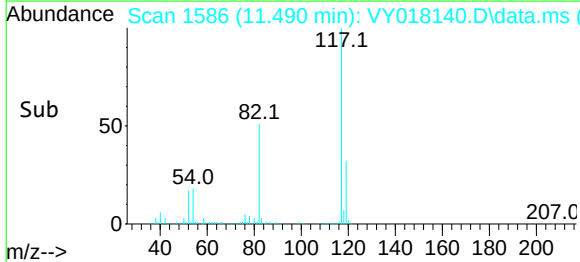
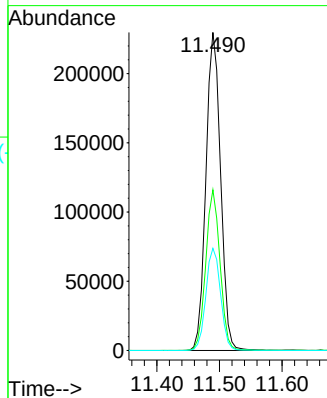
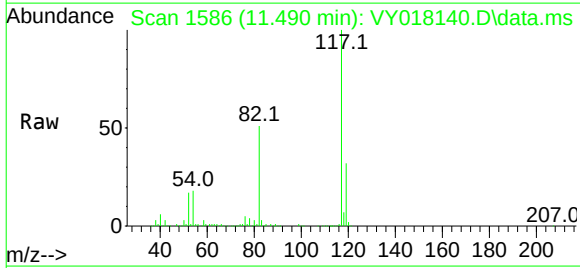
Tgt Ion:117 Resp: 374172

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Tgt Ion:152 Resp: 148615

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.8 0.0 345.6

