

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018149.D
 Acq On : 03 May 2024 17:44
 Operator : SY/MD
 Sample : P2386-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050324-A

Quant Time: May 06 03:01:47 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	244016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	383988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105356	54.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.560%
35) Dibromofluoromethane	7.716	113	126586	50.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.179	98	487593	49.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.483	95	152971	45.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.020%

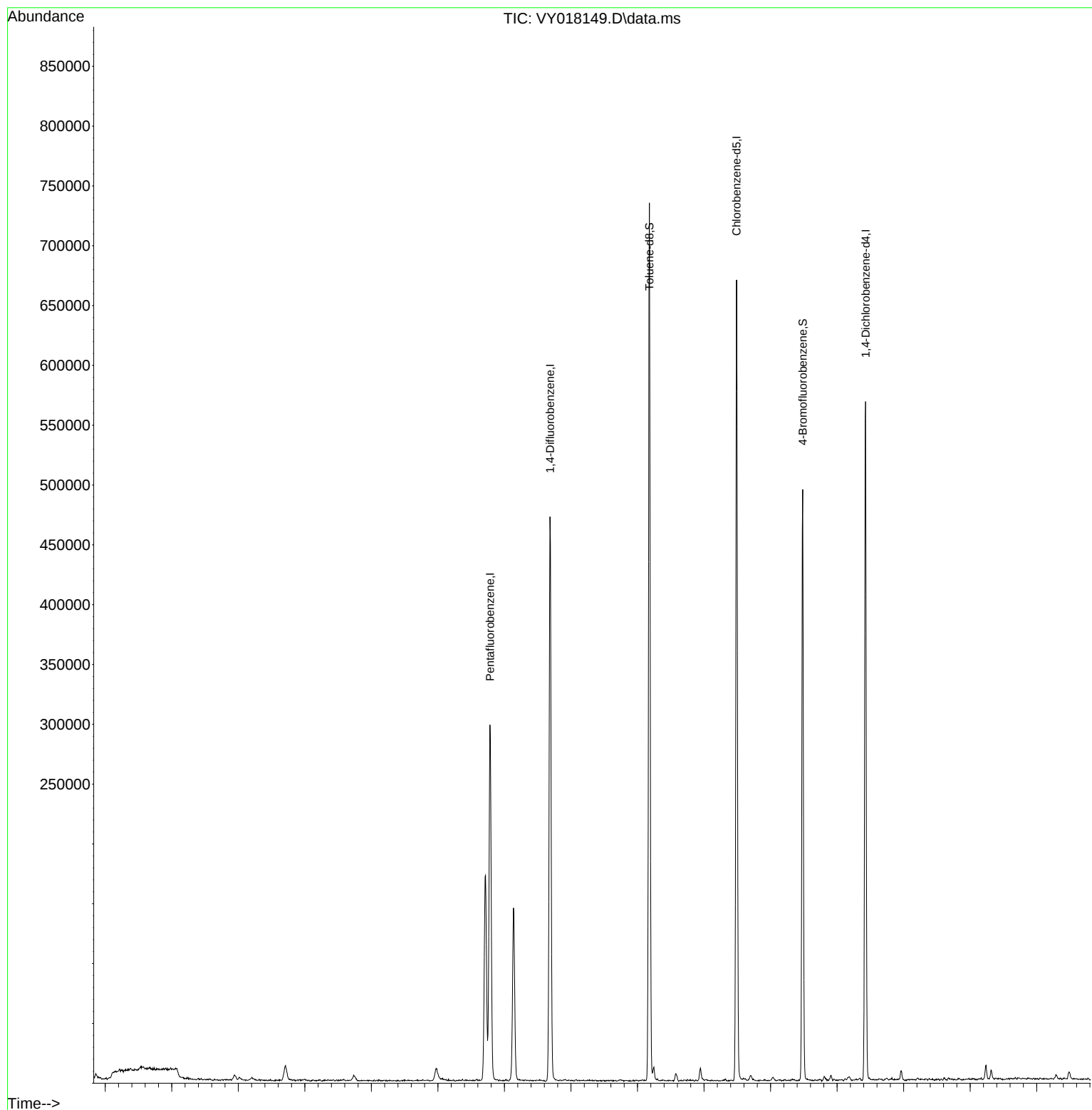
Target Compounds Qvalue

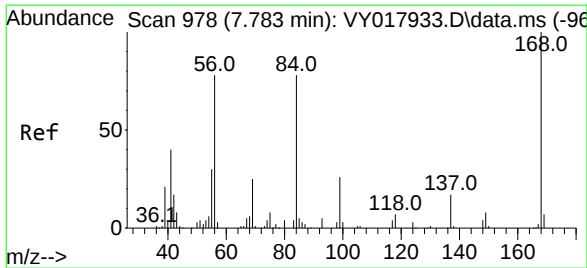
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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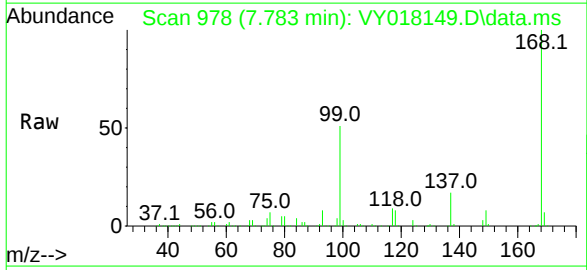
Quant Time: May 06 03:01:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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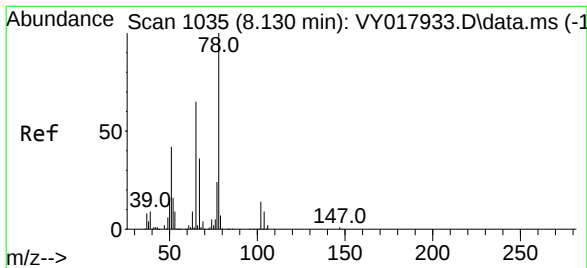
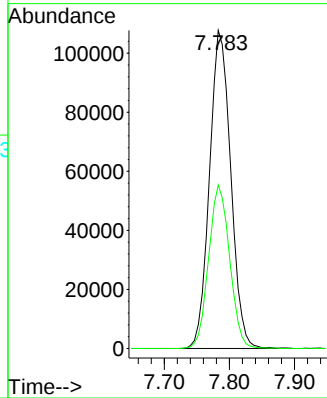
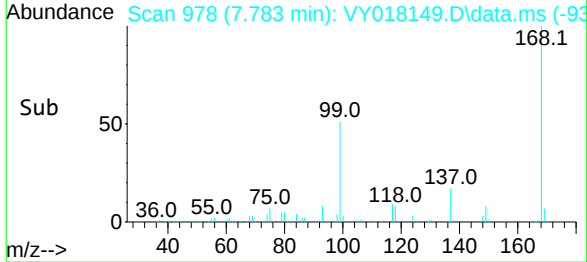


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

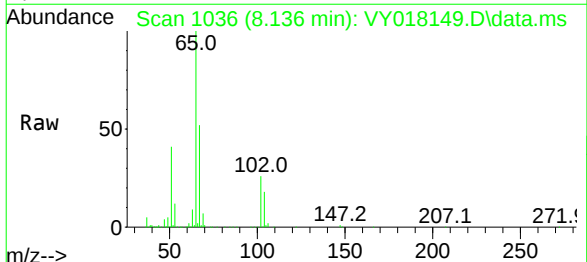
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050324-A



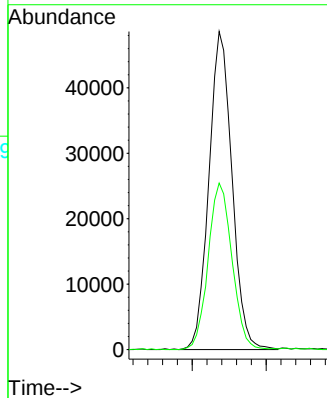
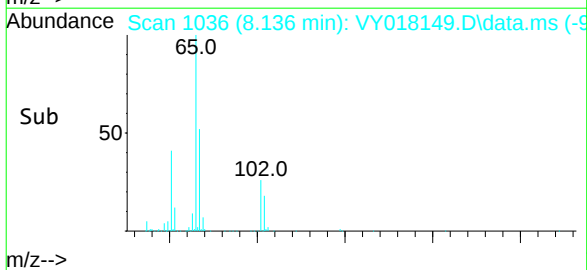
Tgt Ion:168 Resp: 244016
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7

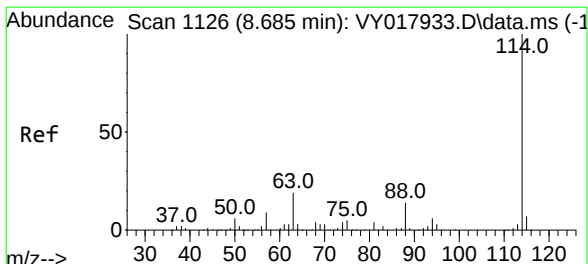


#33
1,2-Dichloroethane-d4
Concen: 54.775 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44



Tgt Ion: 65 Resp: 105356
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

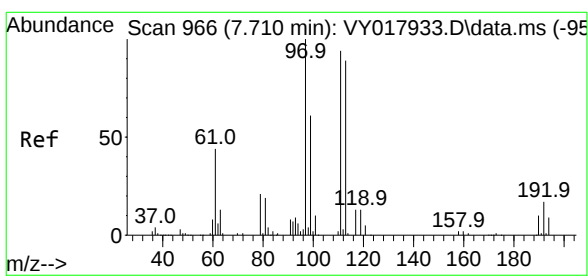
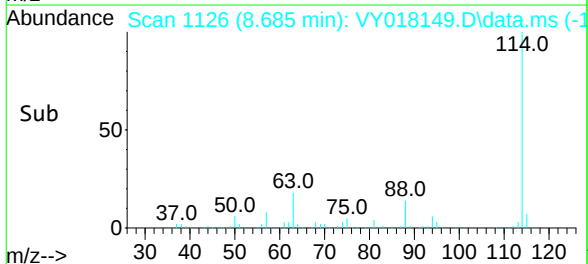
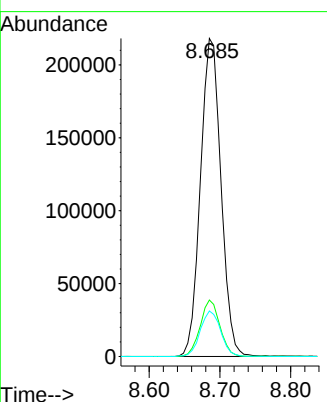
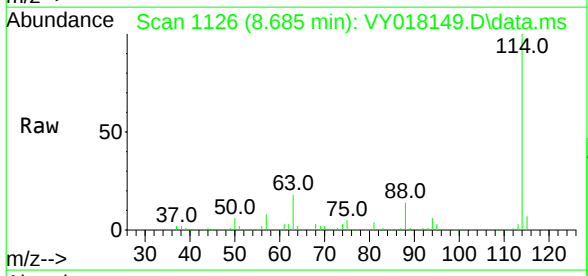




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018149.D
 Acq: 03 May 2024 17:44

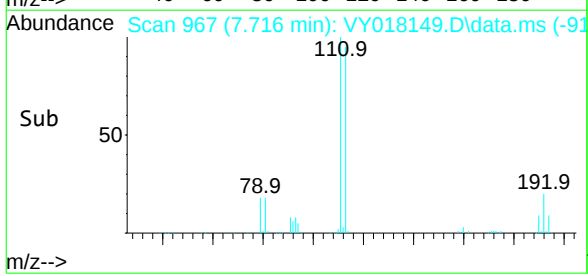
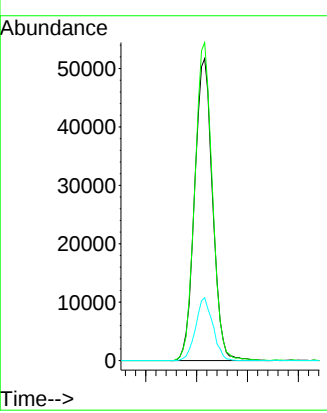
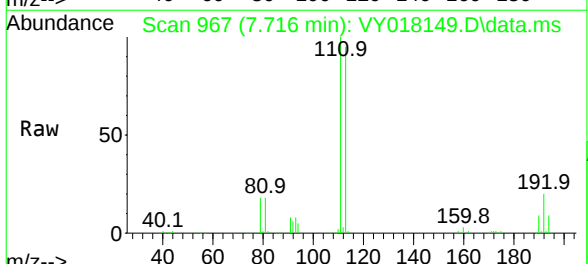
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050324-A

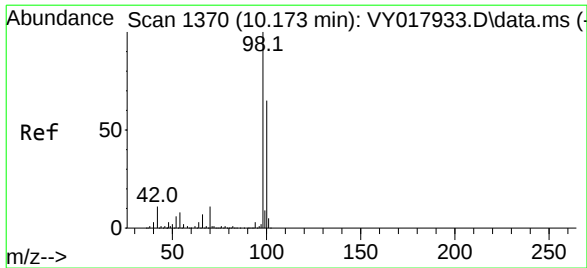
Tgt Ion:	114	Resp:	440170
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.0
88	14.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 50.043 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY018149.D
 Acq: 03 May 2024 17:44

Tgt Ion:	113	Resp:	126586
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	20.0	15.9	23.9





#50

Toluene-d8

Concen: 49.376 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

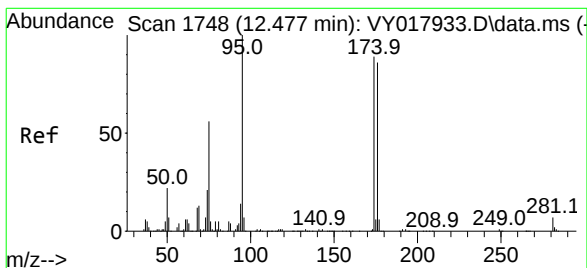
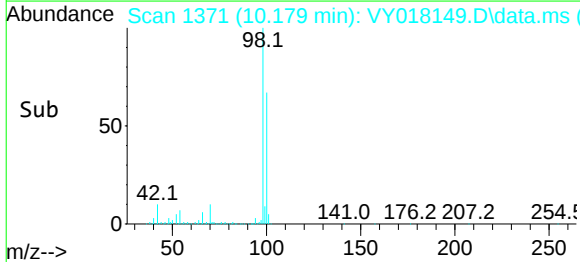
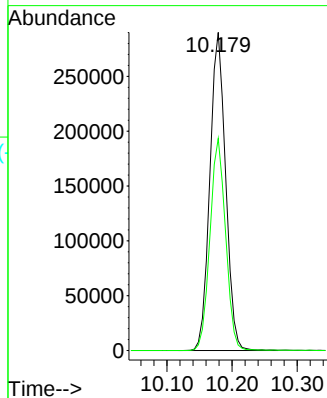
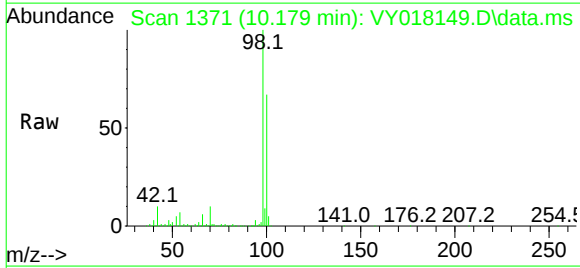
EO-01-050324-A

Tgt Ion: 98 Resp: 487593

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.012 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

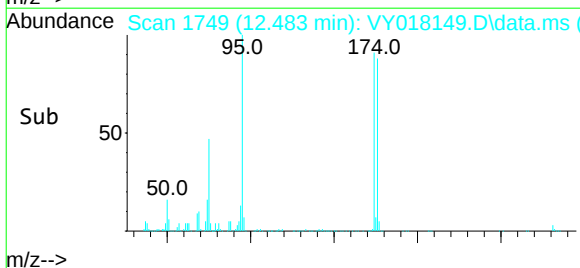
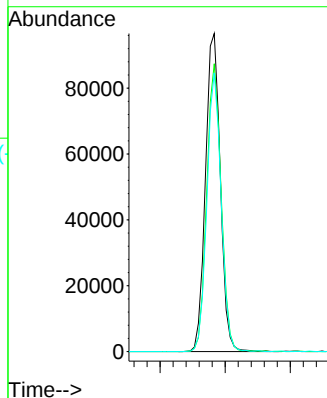
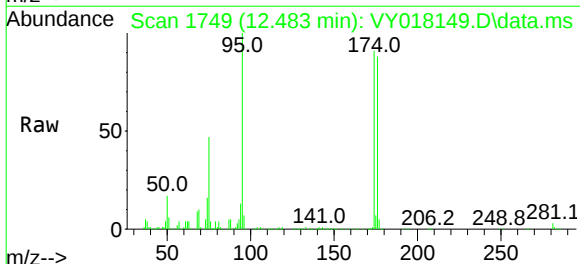
Tgt Ion: 95 Resp: 152971

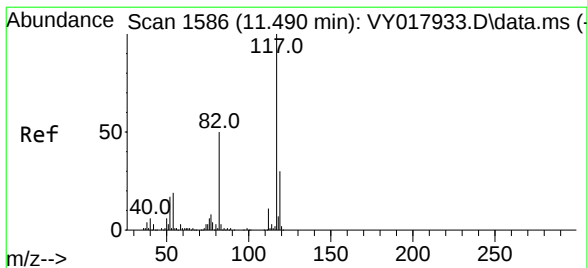
Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.6

176 84.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-050324-A

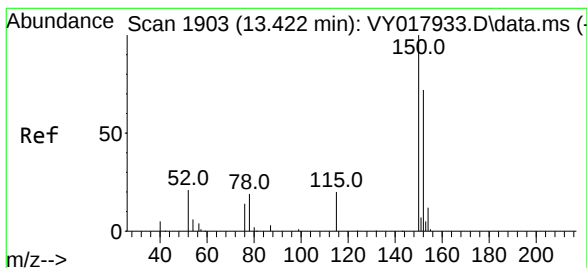
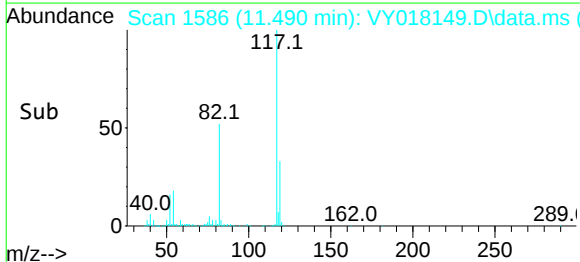
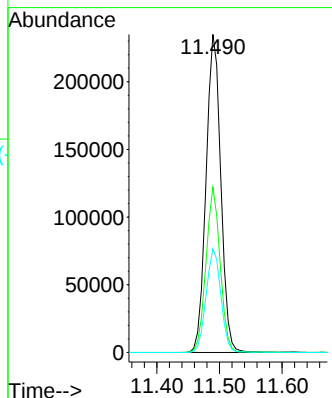
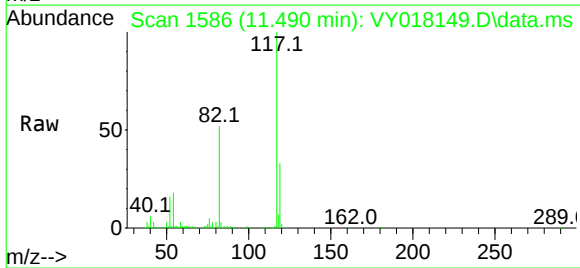
Tgt Ion:117 Resp: 383988

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 32.6 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: VY018149.D

Acq: 03 May 2024 17:44

Tgt Ion:152 Resp: 154230

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 159.1 0.0 345.6

