

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018148.D
 Acq On : 03 May 2024 17:20
 Operator : SY/MD
 Sample : P2386-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: May 06 03:01:20 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	26275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	39071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	27758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8003	38.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.280%
35) Dibromofluoromethane	7.716	113	10465	46.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.220%
50) Toluene-d8	10.179	98	41140	46.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.483	95	9816	32.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.080%

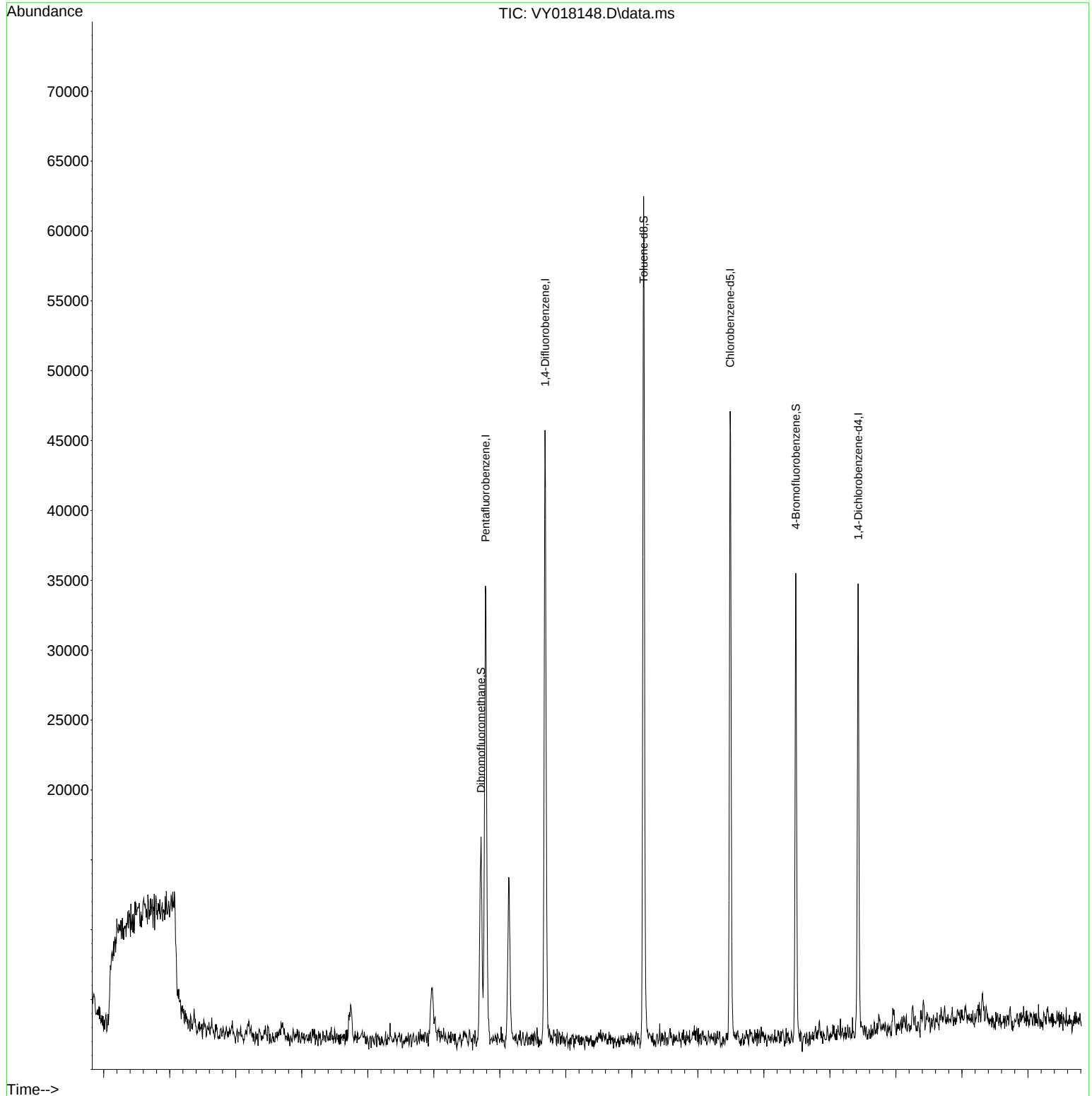
Target Compounds Qvalue

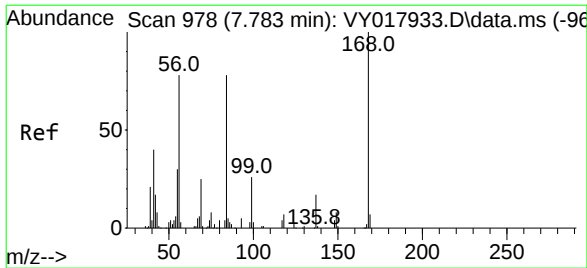
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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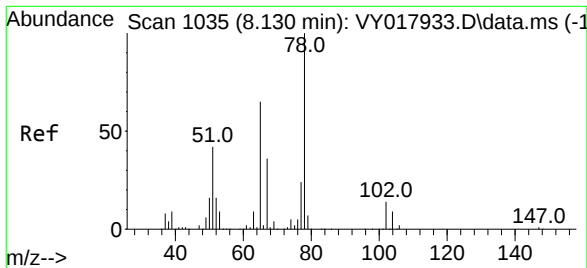
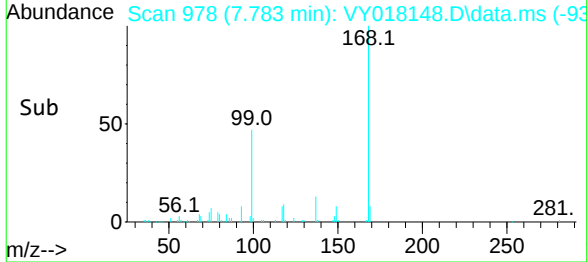
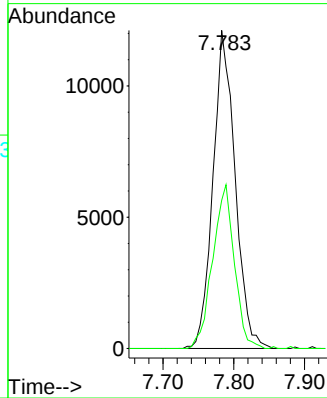
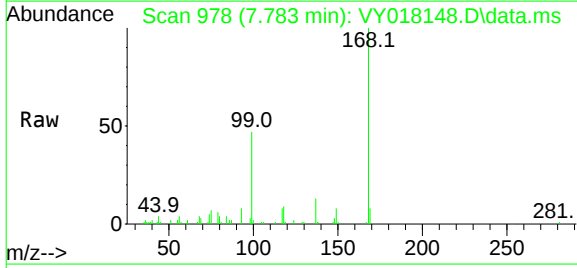




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018148.D
Acq: 03 May 2024 17:20

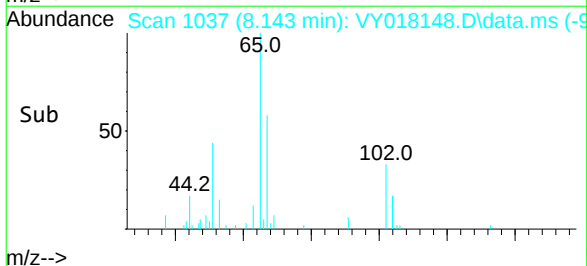
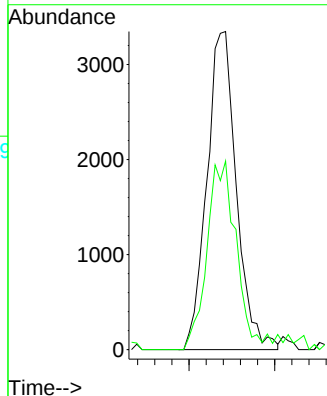
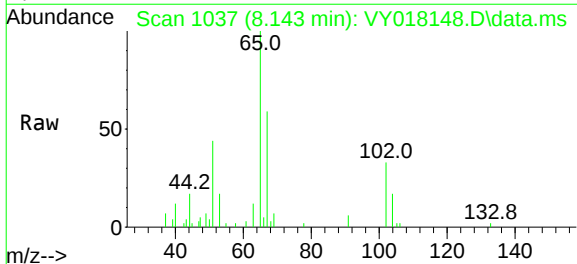
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050324-B

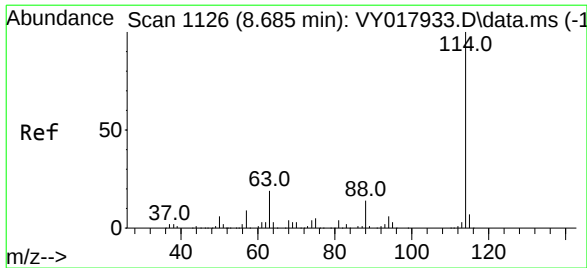
Tgt Ion:168 Resp: 26275
Ion Ratio Lower Upper
168 100
99 46.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.641 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY018148.D
Acq: 03 May 2024 17:20

Tgt Ion: 65 Resp: 8003
Ion Ratio Lower Upper
65 100
67 58.1 0.0 109.6

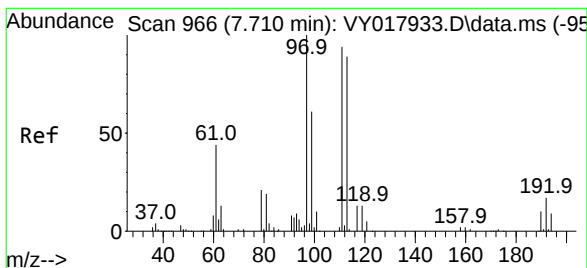
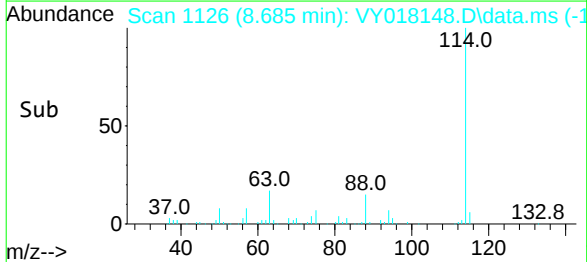
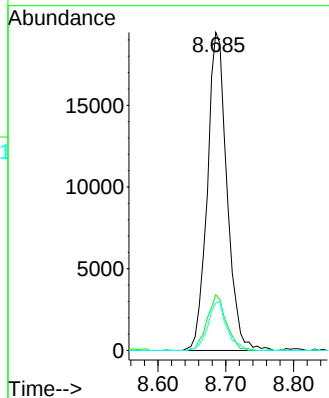
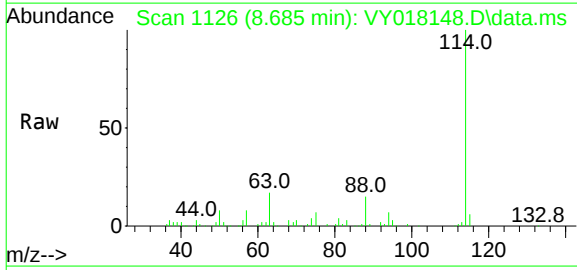




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018148.D
Acq: 03 May 2024 17:20

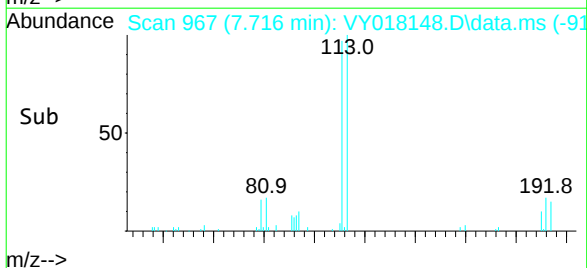
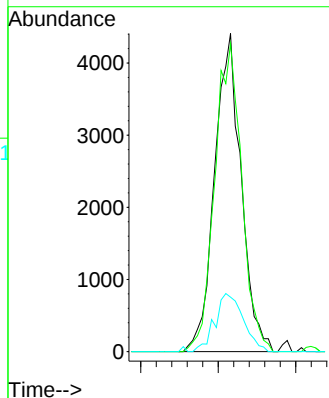
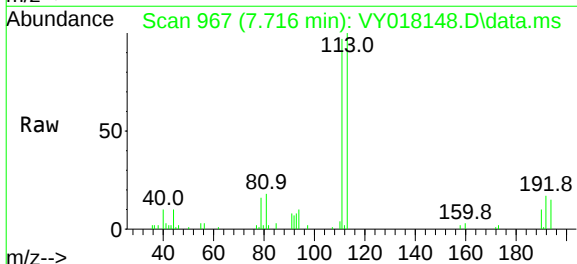
Instrument :
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ClientSampleId :
EO-01-050324-B

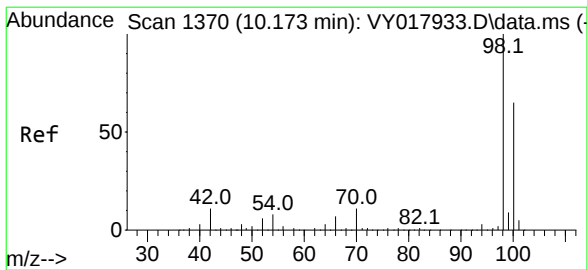
Tgt Ion:	114	Resp:	39071
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	14.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 46.609 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018148.D
Acq: 03 May 2024 17:20

Tgt Ion:	113	Resp:	10465
Ion	Ratio	Lower	Upper
113	100		
111	98.9	82.2	123.4
192	19.5	15.9	23.9





#50

Toluene-d8

Concen: 46.934 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018148.D

Acq: 03 May 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

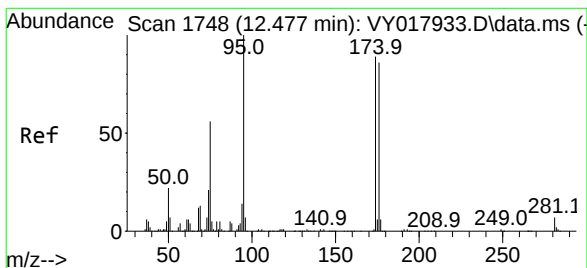
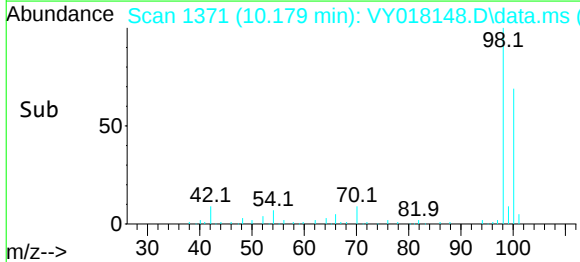
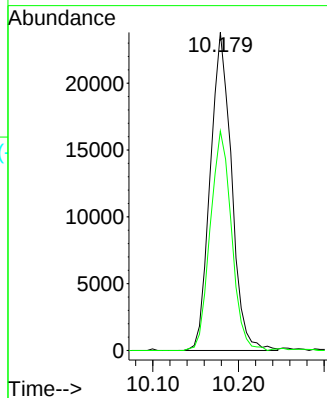
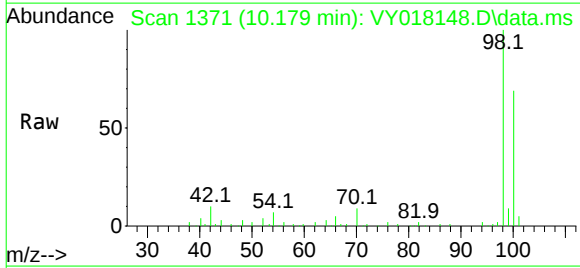
EO-01-050324-B

Tgt Ion: 98 Resp: 41140

Ion Ratio Lower Upper

98 100

100 68.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.540 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018148.D

Acq: 03 May 2024 17:20

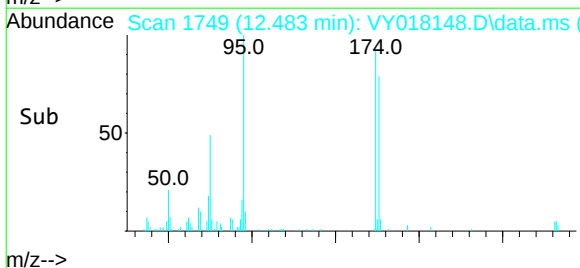
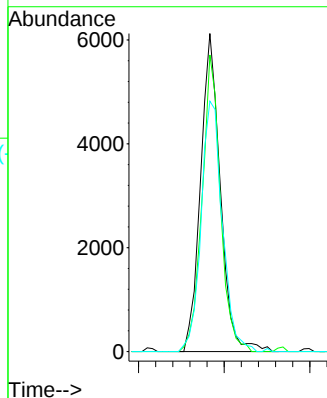
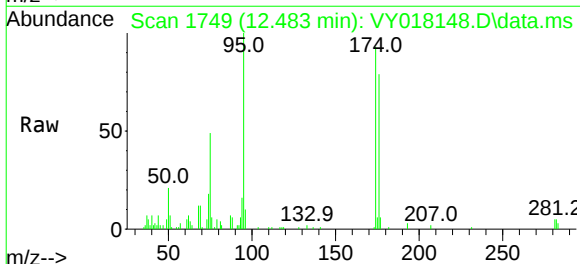
Tgt Ion: 95 Resp: 9816

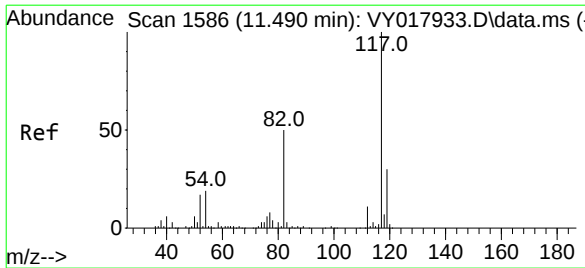
Ion Ratio Lower Upper

95 100

174 86.3 0.0 175.6

176 84.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.001 min

Lab File: VY018148.D

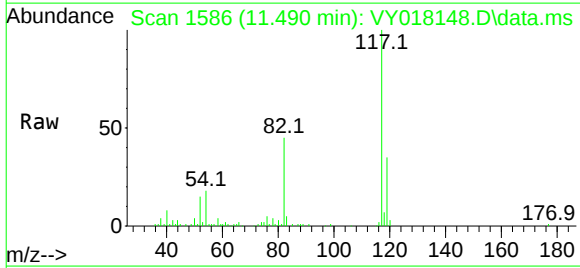
Acq: 03 May 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-050324-B



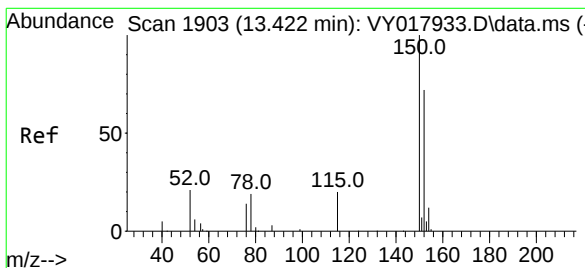
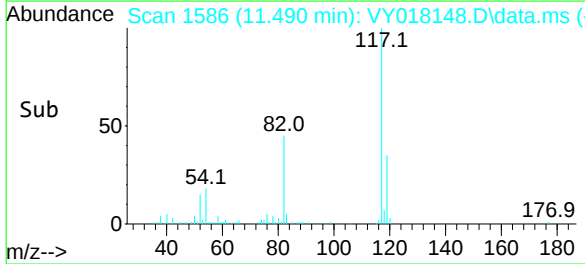
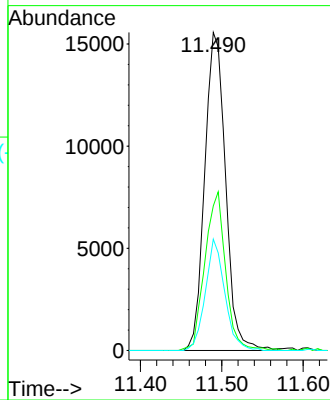
Tgt Ion:117 Resp: 27758

Ion Ratio Lower Upper

117 100

82 45.4 42.4 63.6

119 35.0 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: VY018148.D

Acq: 03 May 2024 17:20

Tgt Ion:152 Resp: 8503

Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 150.4 0.0 345.6

