

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018157.D
 Acq On : 06 May 2024 12:35
 Operator : SY/MD
 Sample : P2378-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-05032024

Quant Time: May 06 23:45:47 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	227256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94105	52.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.060%
35) Dibromofluoromethane	7.716	113	117256	49.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	456119	49.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.483	95	141345	44.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%

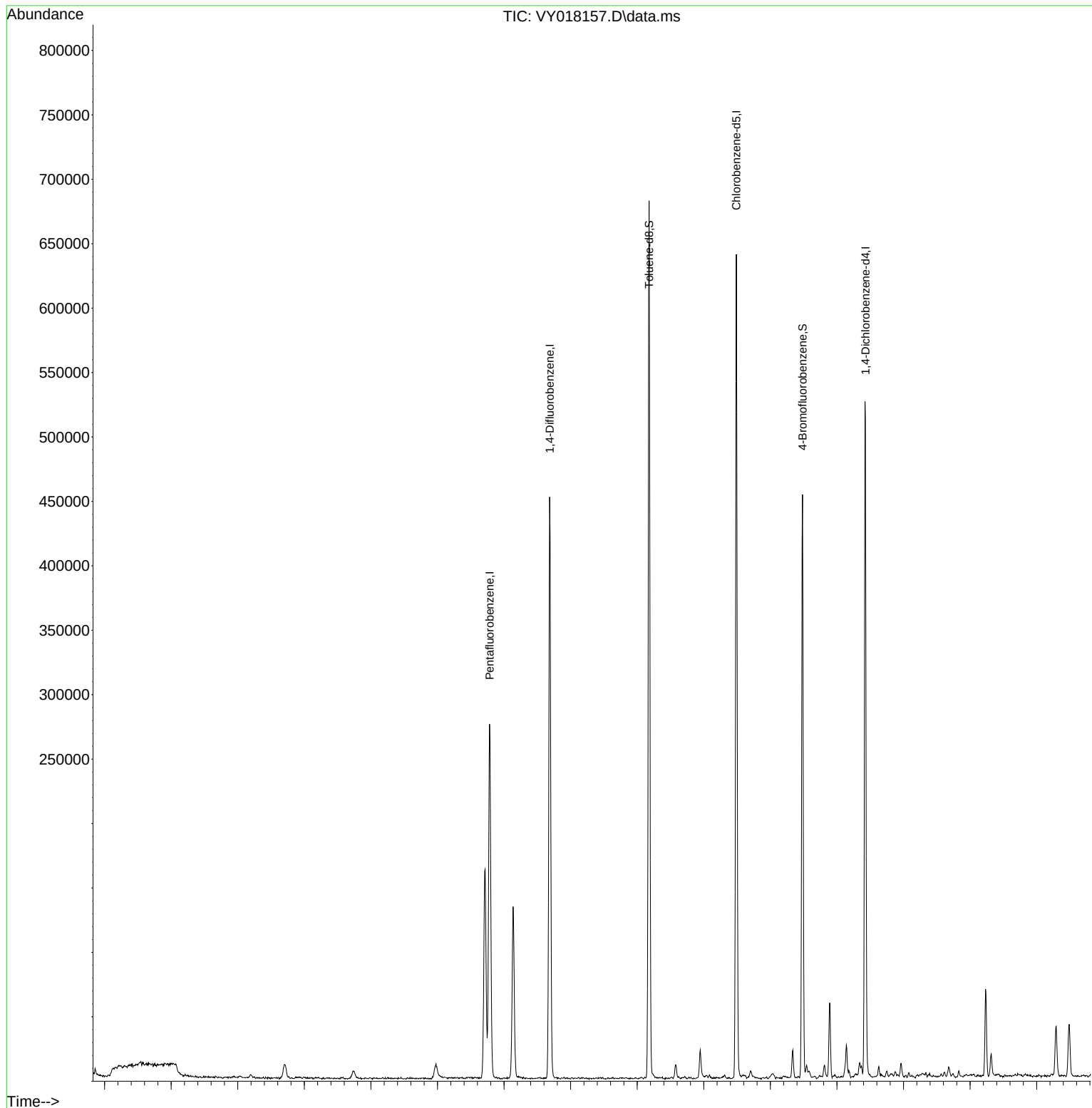
Target Compounds Qvalue

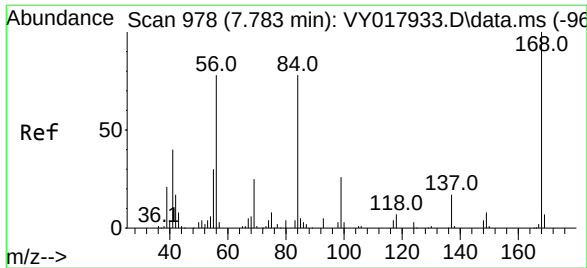
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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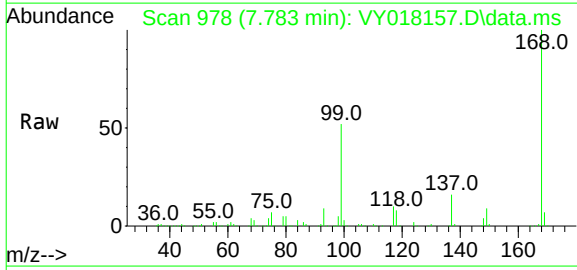
Quant Time: May 06 23:45:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
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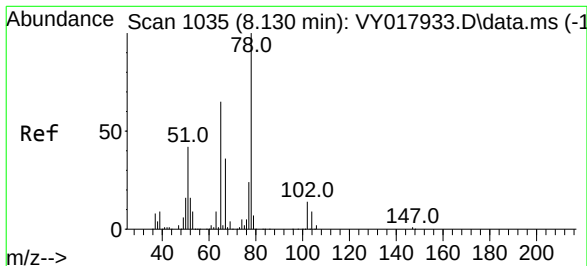
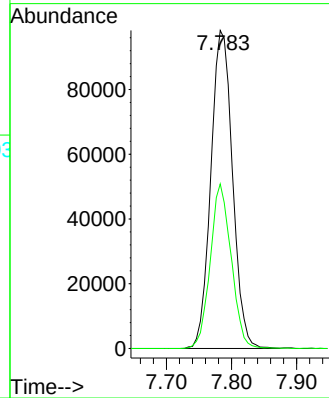
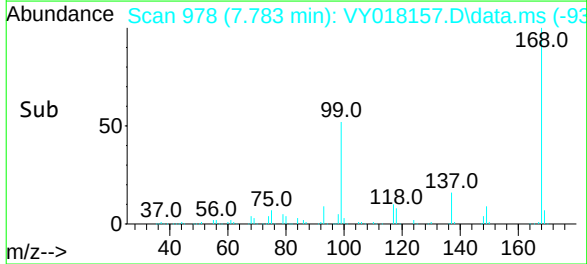


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-05032024

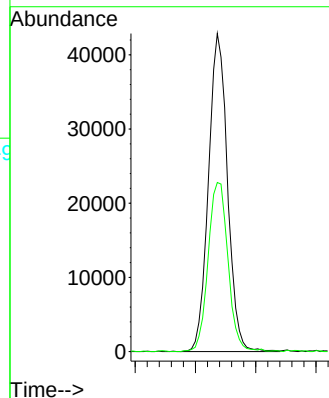
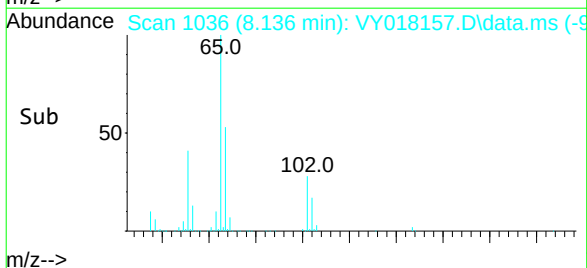
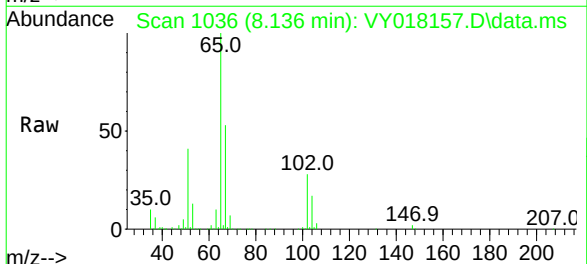


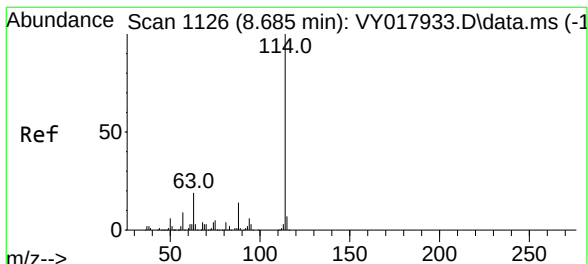
Tgt Ion:168 Resp: 227256
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.534 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion: 65 Resp: 94105
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6

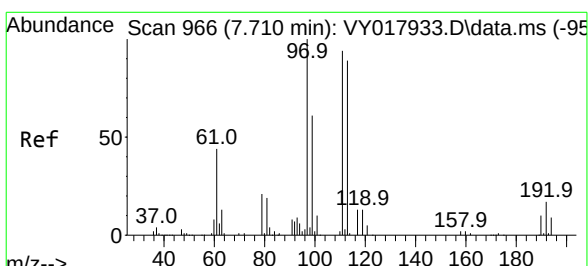
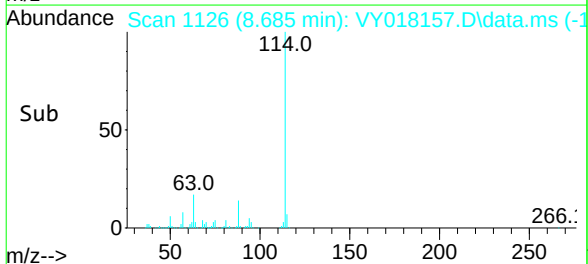
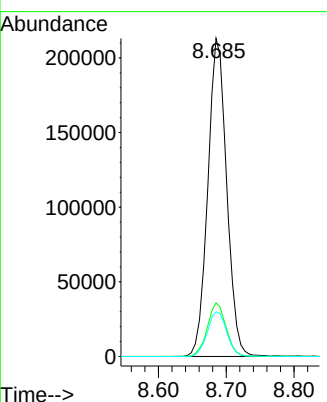
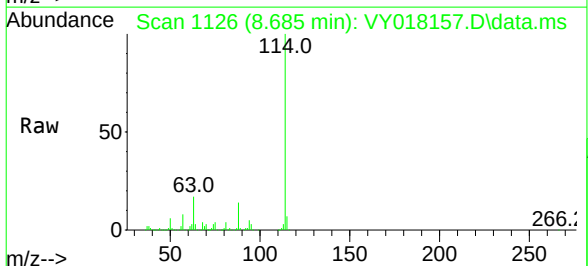




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018157.D
 Acq: 06 May 2024 12:35

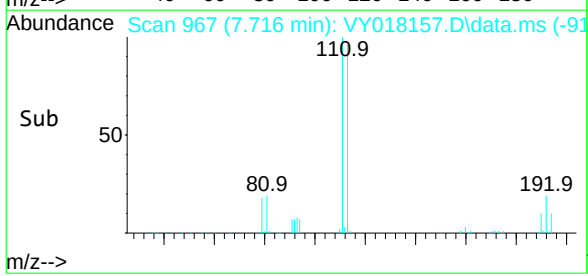
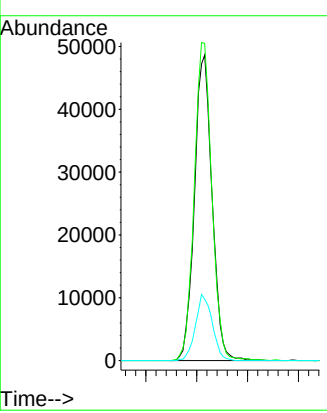
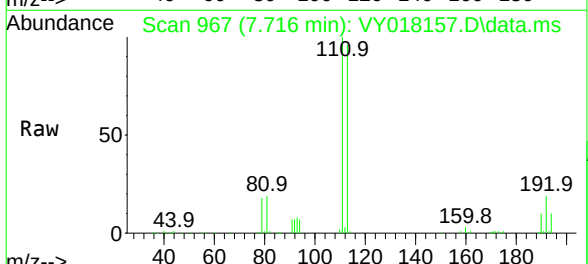
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-05032024

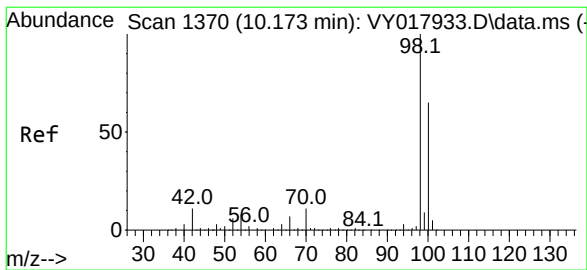
Tgt Ion:	114	Resp:	412186
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	14.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.502 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY018157.D
 Acq: 06 May 2024 12:35

Tgt Ion:	113	Resp:	117256
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	20.6	15.9	23.9





#50

Toluene-d8

Concen: 49.325 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

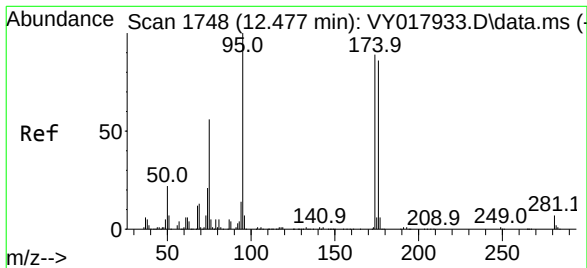
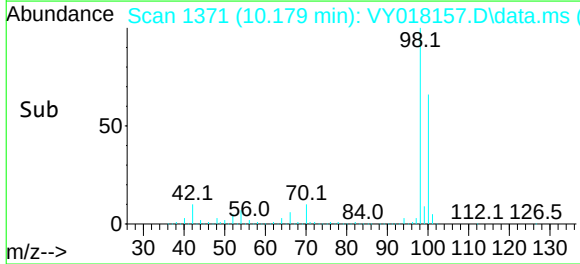
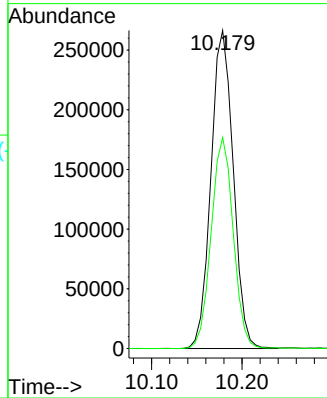
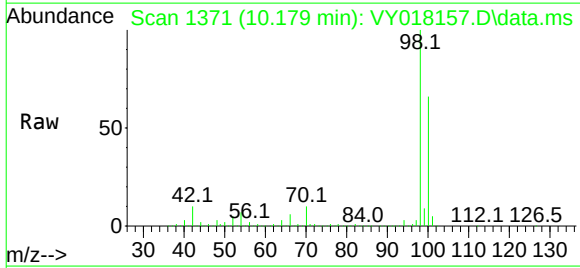
OR-02-05032024

Tgt Ion: 98 Resp: 456119

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.415 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

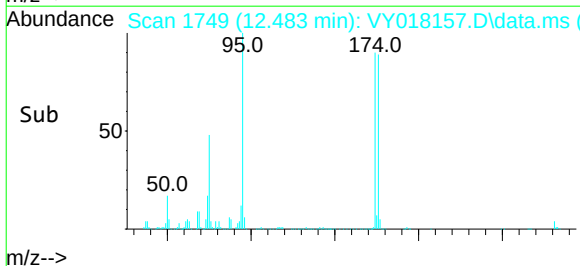
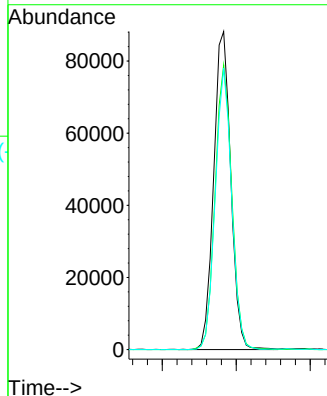
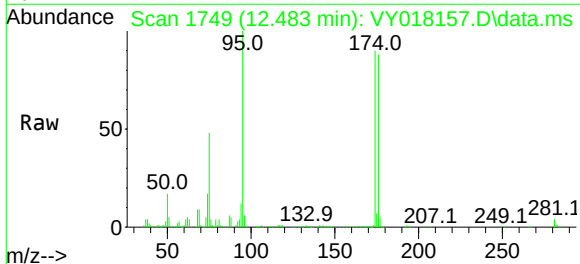
Tgt Ion: 95 Resp: 141345

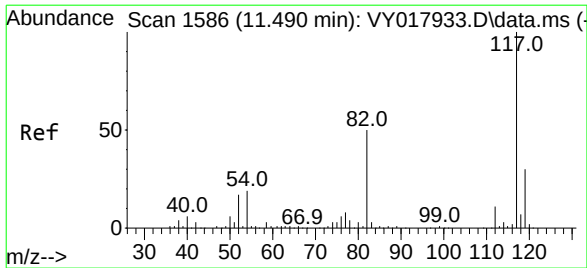
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.6

176 84.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-05032024

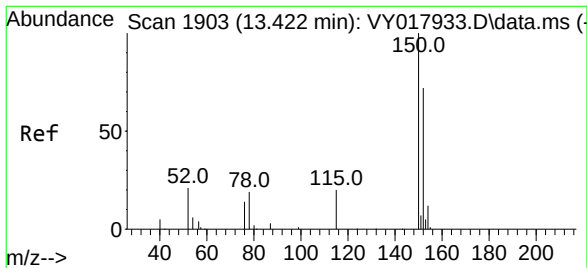
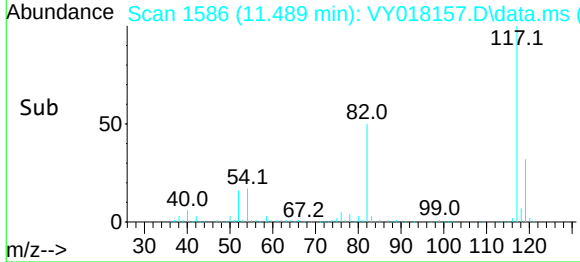
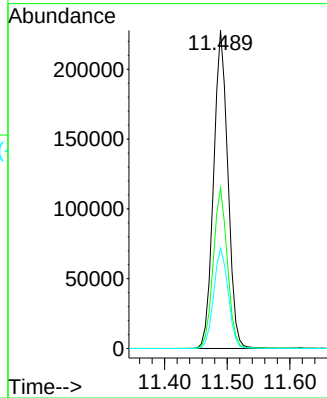
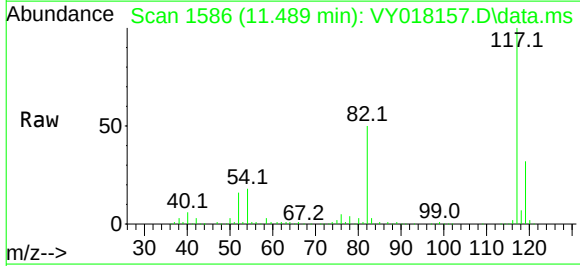
Tgt Ion:117 Resp: 361117

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 31.6 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: VY018157.D

Acq: 06 May 2024 12:35

Tgt Ion:152 Resp: 145388

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 155.6 0.0 345.6

