

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018319.D
 Acq On : 17 May 2024 19:32
 Operator : SY/MD
 Sample : P2482-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-229RE

Quant Time: May 18 00:55:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	64149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28833	61.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.200%
35) Dibromofluoromethane	7.710	113	32286	52.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.179	98	130793	54.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.477	95	33696	43.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.440%

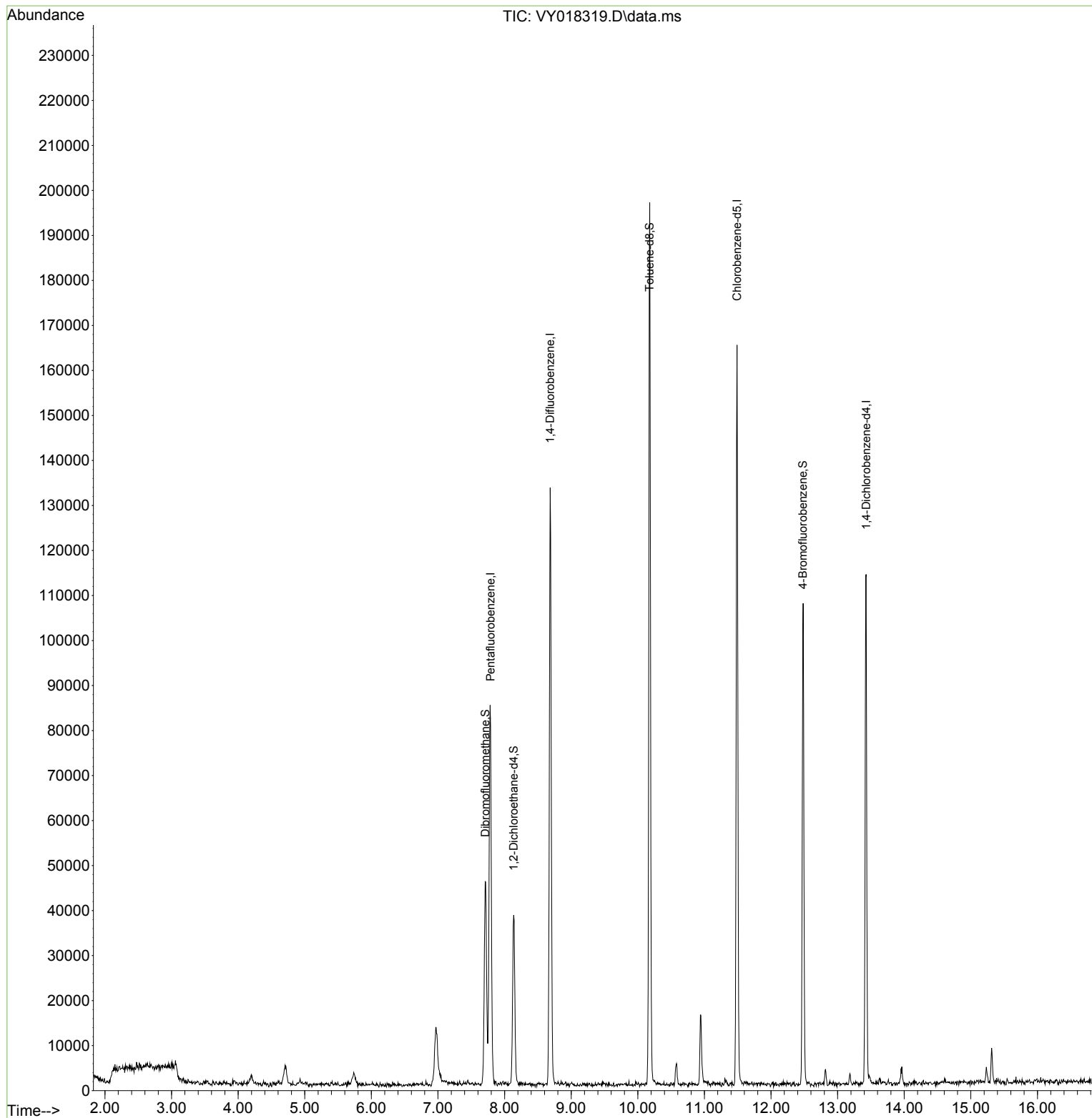
Target Compounds	Qvalue

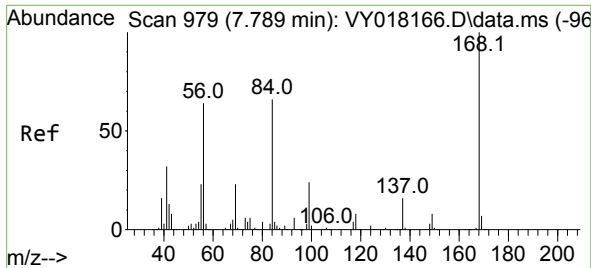
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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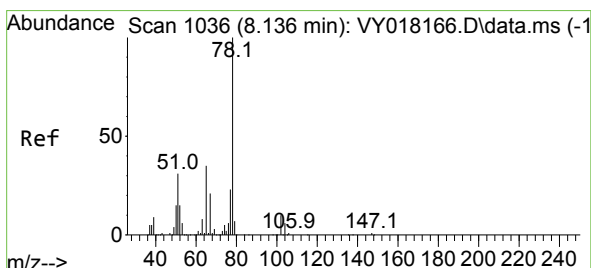
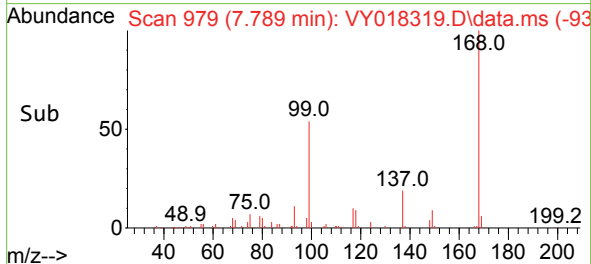
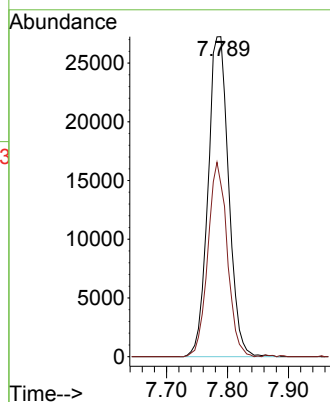
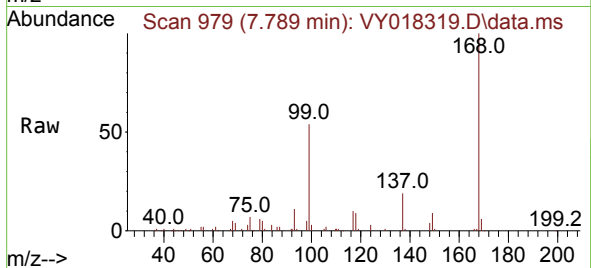




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

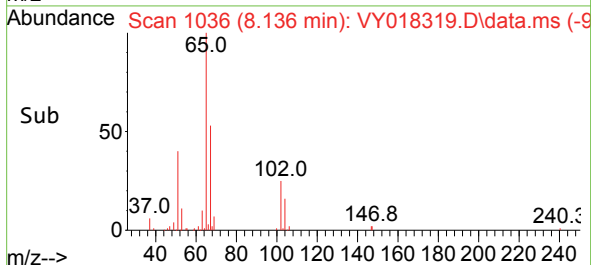
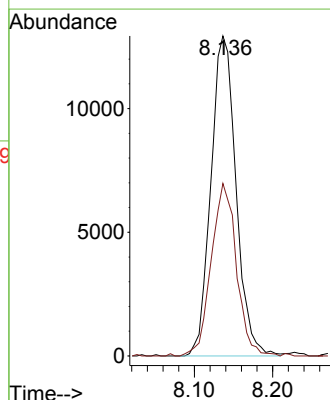
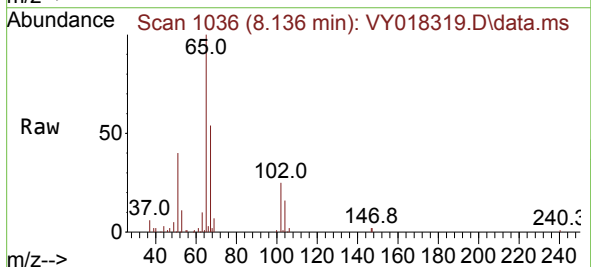
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

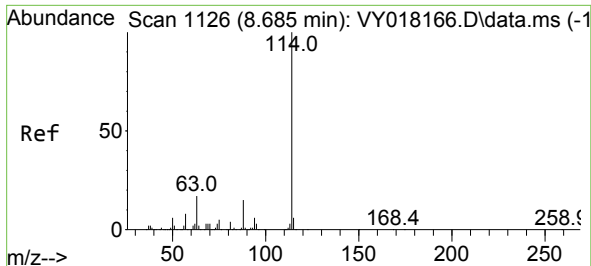
Tgt Ion:168 Resp: 64149
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.097 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 65 Resp: 28833
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# 1126

Delta R.T. -0.000 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

B-01-229RE

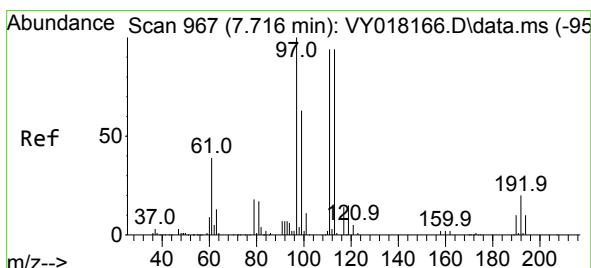
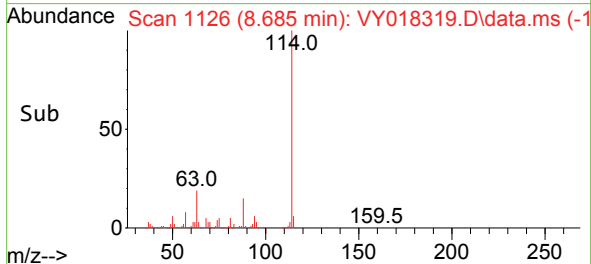
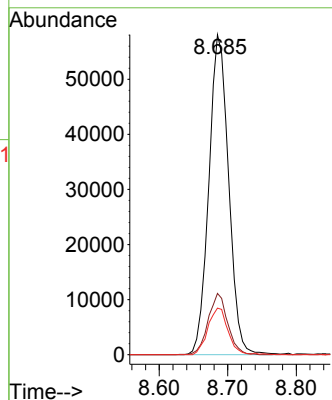
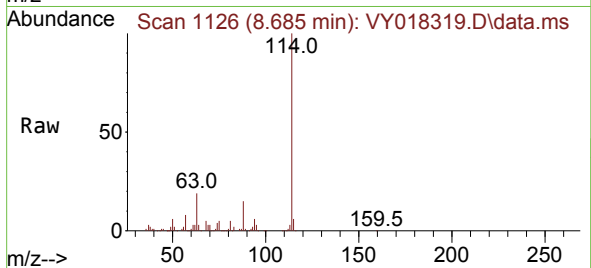
Tgt Ion:114 Resp: 116566

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.703 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

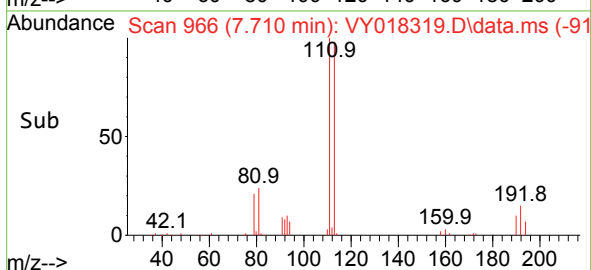
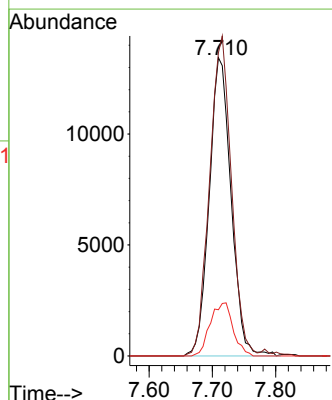
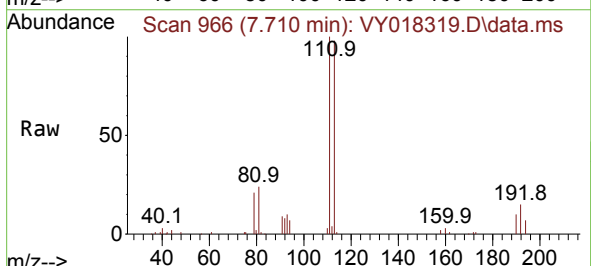
Tgt Ion:113 Resp: 32286

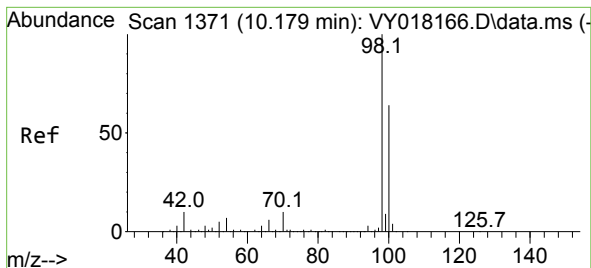
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 18.6 15.9 23.9





#50

Toluene-d8

Concen: 54.180 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

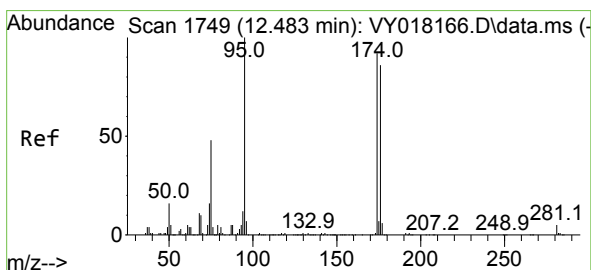
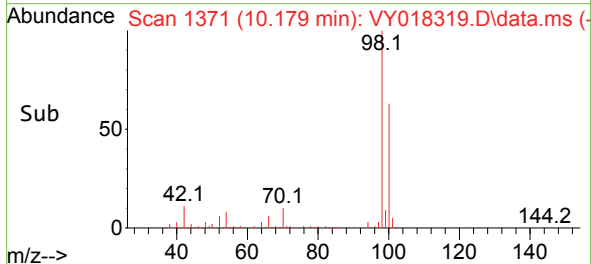
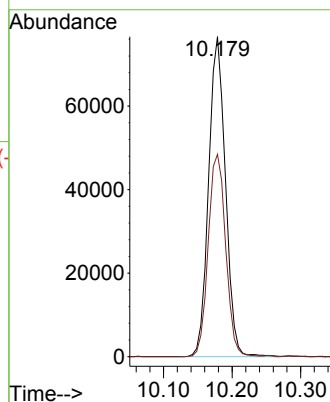
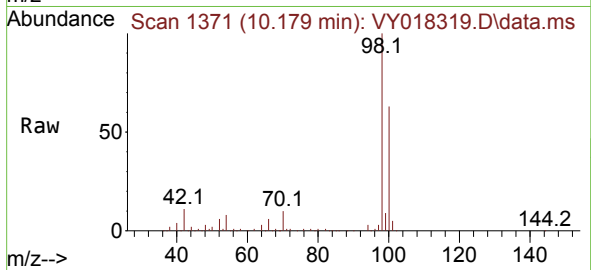
B-01-229RE

Tgt Ion: 98 Resp: 130793

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.222 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

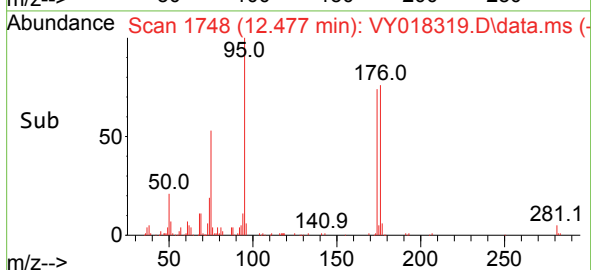
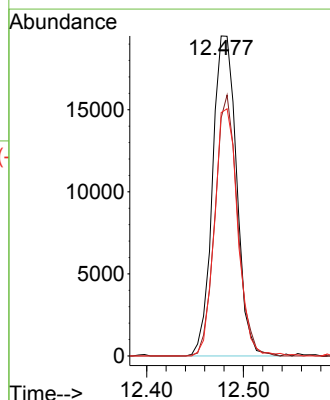
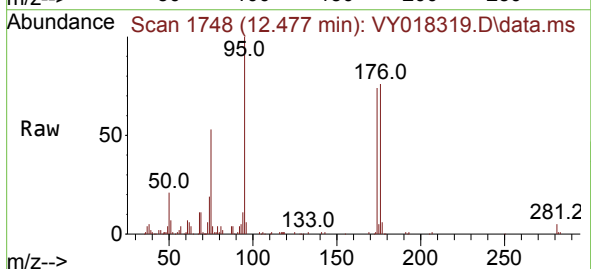
Tgt Ion: 95 Resp: 33696

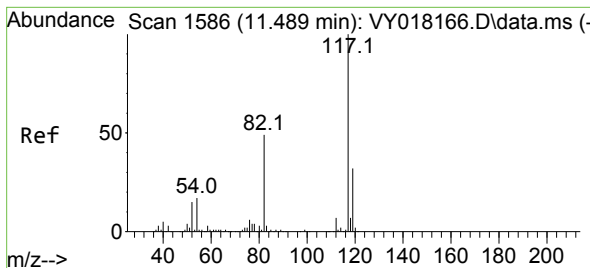
Ion Ratio Lower Upper

95 100

174 76.1 0.0 175.6

176 74.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

B-01-229RE

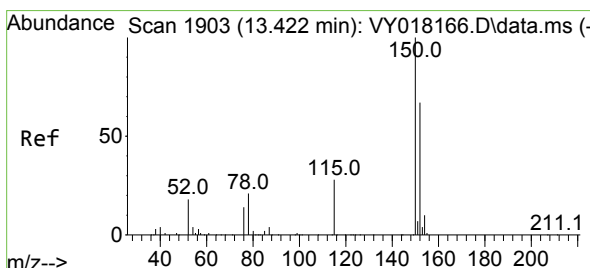
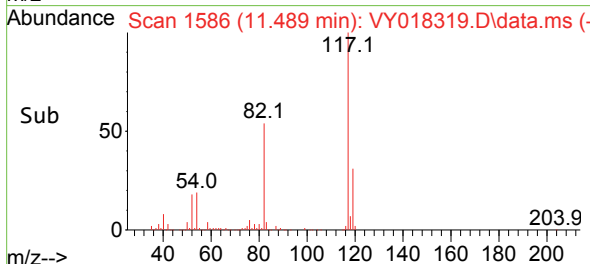
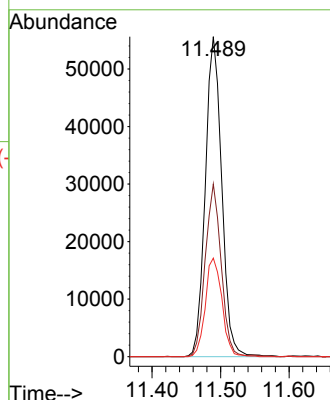
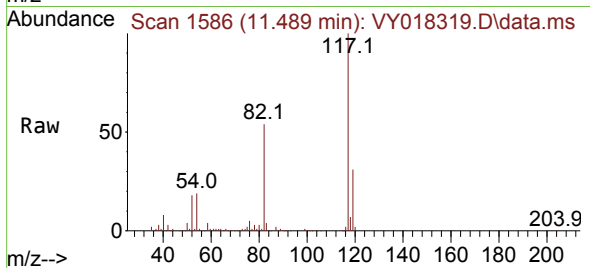
Tgt Ion:117 Resp: 92837

Ion Ratio Lower Upper

117 100

82 53.9 42.4 63.6

119 30.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Tgt Ion:152 Resp: 29761

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 156.2 0.0 345.6

