

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018217.D
 Acq On : 09 May 2024 18:06
 Operator : SY/MD
 Sample : P2432-05
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03-011

Quant Time: May 10 01:21:16 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	7.777	168	3096	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	5787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1853	81.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.720%
35) Dibromofluoromethane	7.710	113	1765	58.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.060%
50) Toluene-d8	10.179	98	5620	46.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.495	95	1241	32.064	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.120%

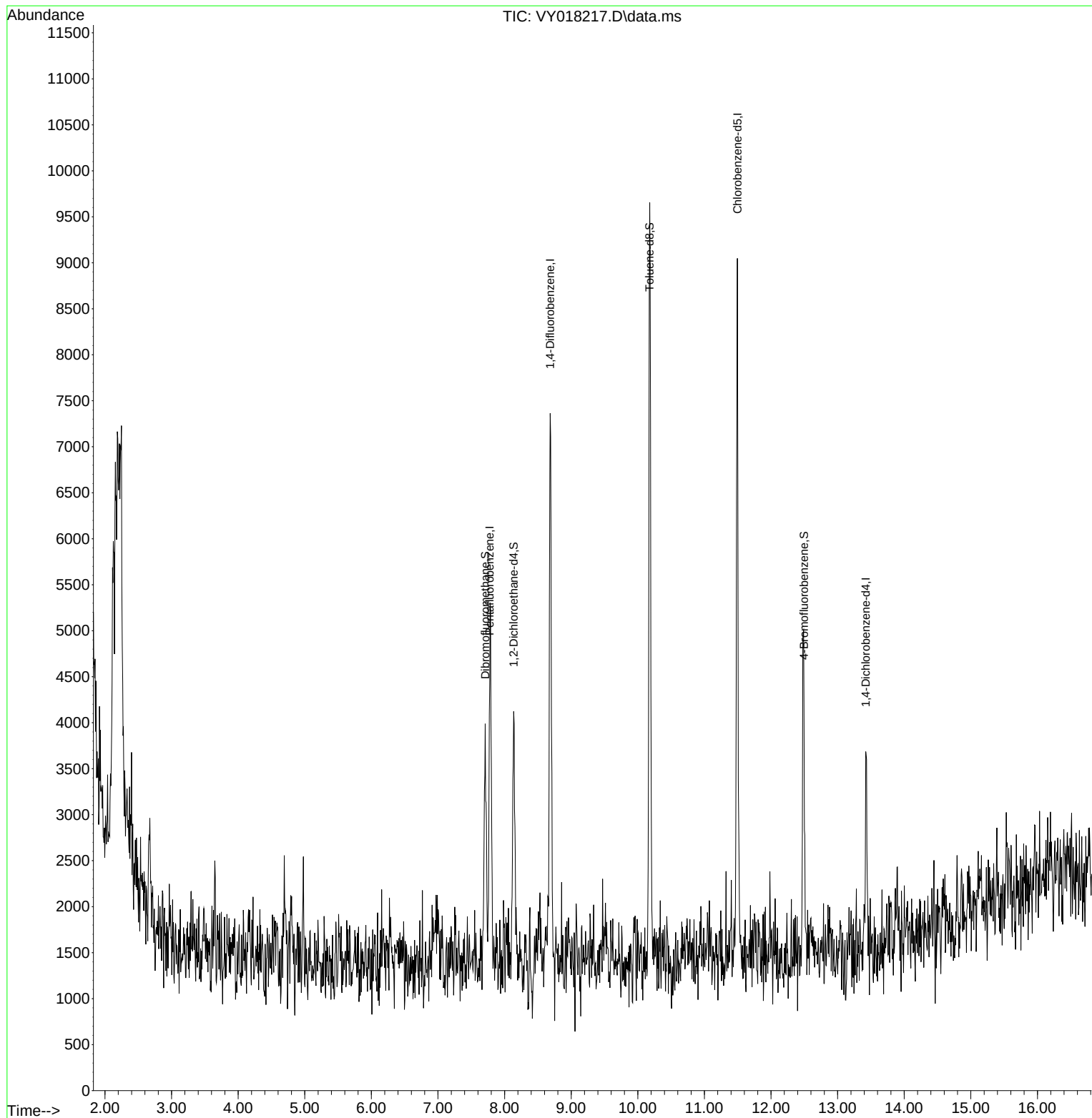
Target Compounds	Qvalue

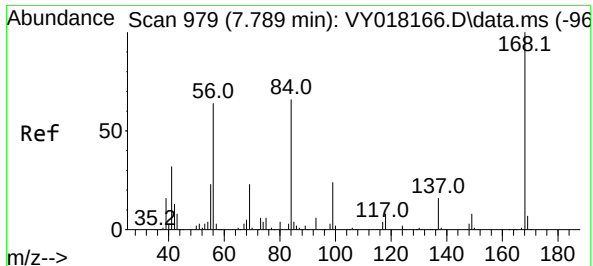
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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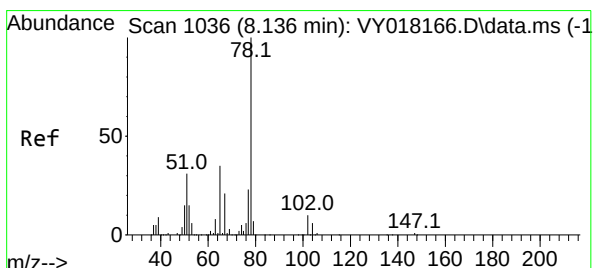
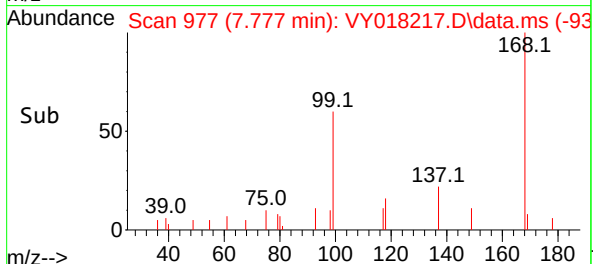
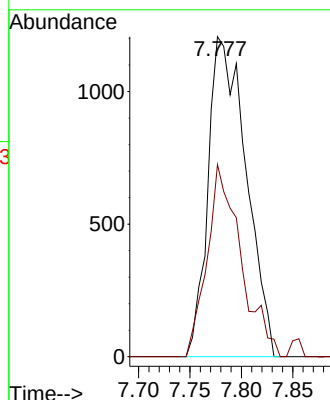
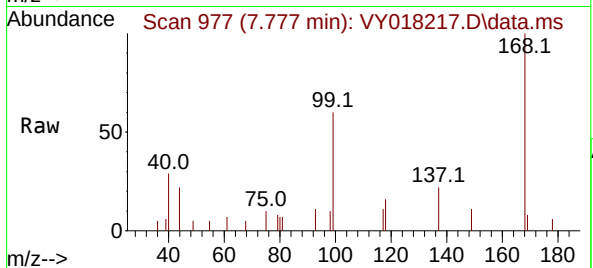




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

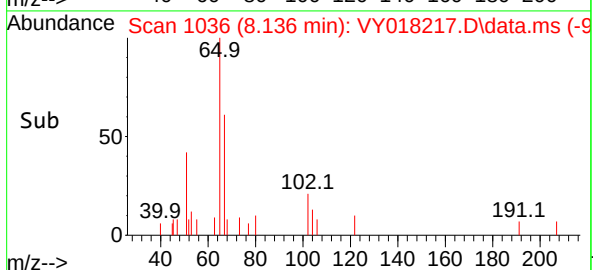
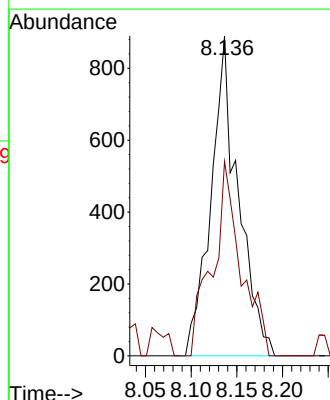
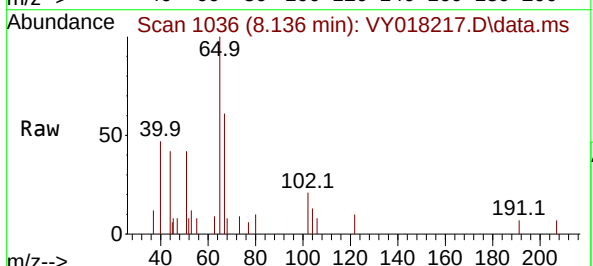
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-011

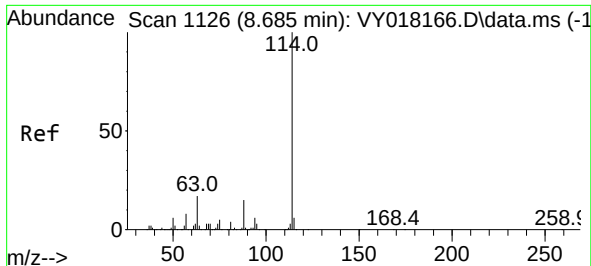
Tgt Ion:168 Resp: 3096
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 81.356 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 65 Resp: 1853
Ion Ratio Lower Upper
65 100
67 63.7 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: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SW-03-011

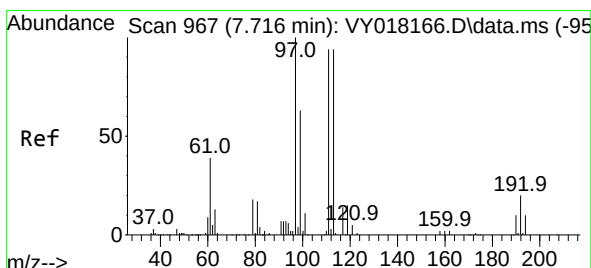
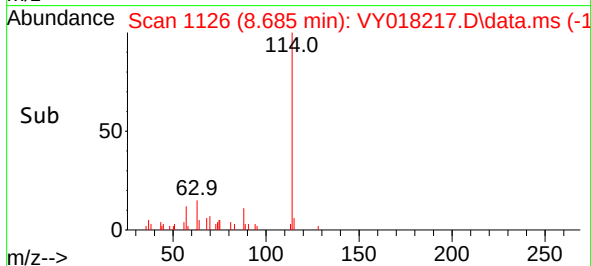
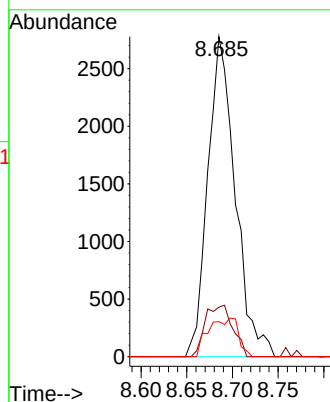
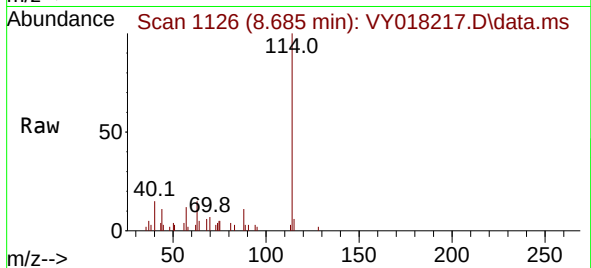
Tgt Ion:114 Resp: 5787

Ion Ratio Lower Upper

114 100

63 15.4 0.0 35.0

88 10.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.034 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

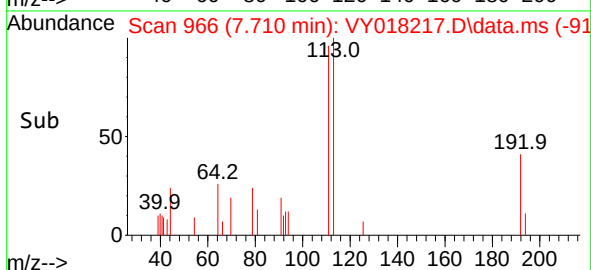
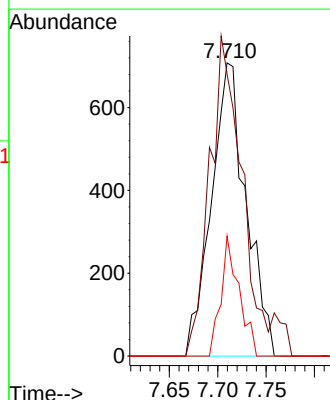
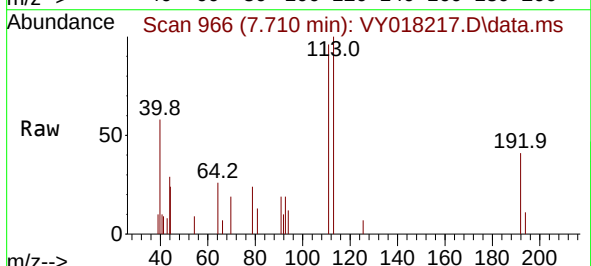
Tgt Ion:113 Resp: 1765

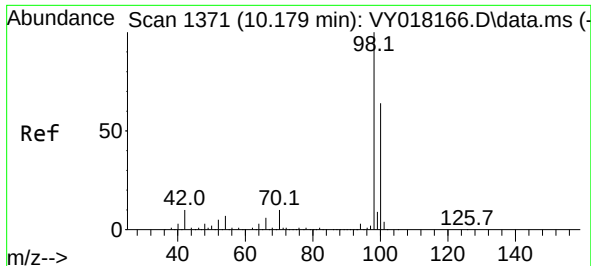
Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 21.4 15.9 23.9

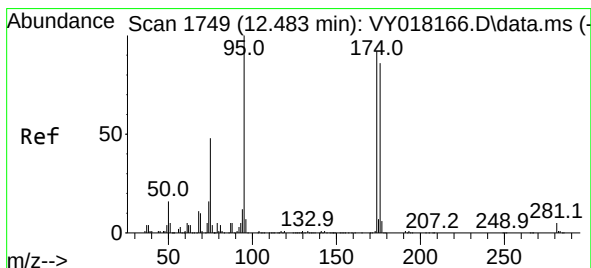
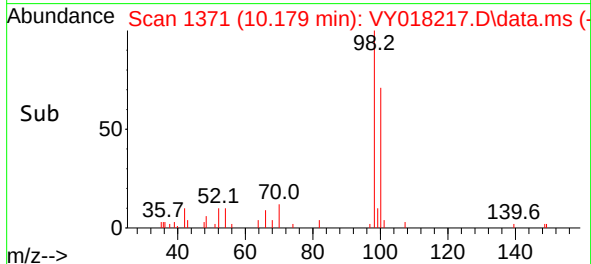
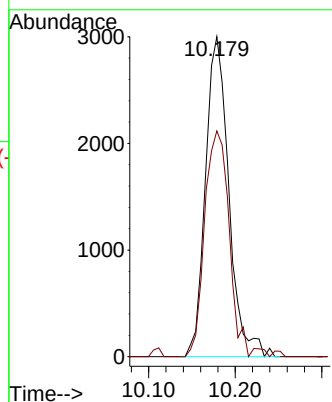
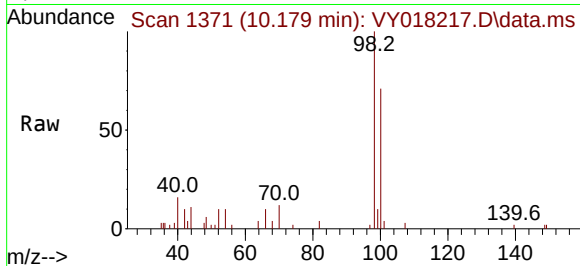




#50
Toluene-d8
Concen: 46.893 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

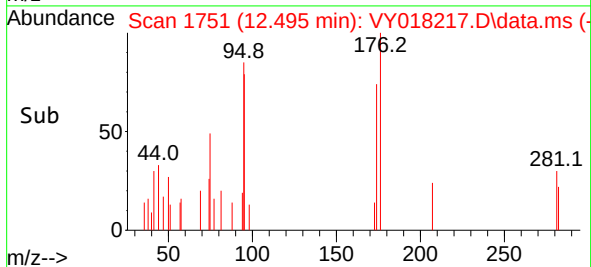
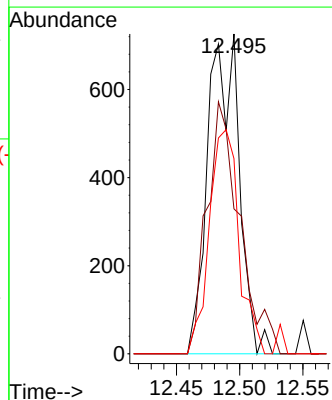
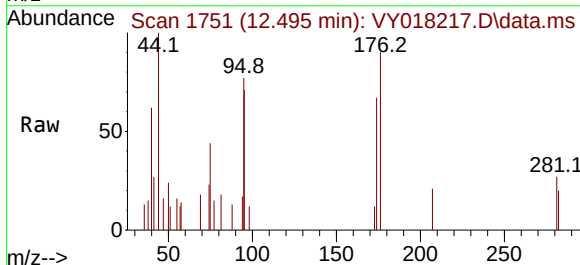
Instrument :
MSVOA_Y
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SW-03-011

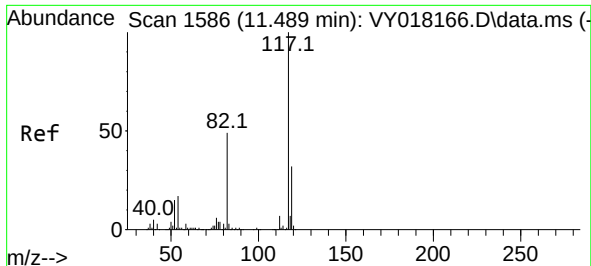
Tgt Ion: 98 Resp: 5620
Ion Ratio Lower Upper
98 100
100 74.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.064 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY018217.D
Acq: 09 May 2024 18:06

Tgt Ion: 95 Resp: 1241
Ion Ratio Lower Upper
95 100
174 83.0 0.0 175.6
176 66.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SW-03-011

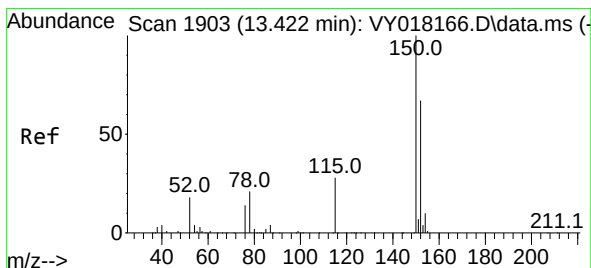
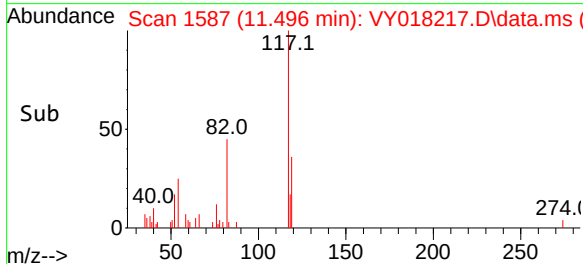
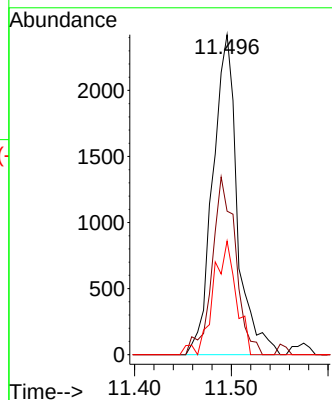
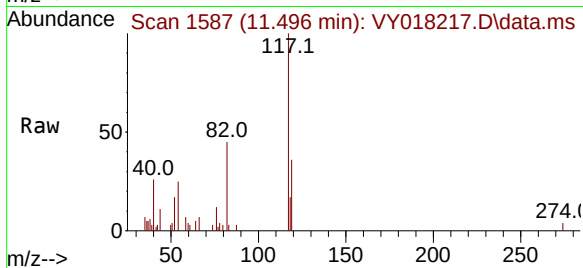
Tgt Ion:117 Resp: 4265

Ion Ratio Lower Upper

117 100

82 44.8 42.4 63.6

119 35.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018217.D

Acq: 09 May 2024 18:06

Tgt Ion:152 Resp: 607

Ion Ratio Lower Upper

152 100

115 68.2 28.2 84.7

150 185.2 0.0 345.6

