

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018536.D
 Acq On : 07 Jun 2024 18:57
 Operator : SY/MD
 Sample : P2794-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-060724

Quant Time: Jun 07 23:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	35114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	64110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39276	56.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.920%
35) Dibromofluoromethane	7.710	113	36008	41.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.180%
50) Toluene-d8	10.173	98	141576	41.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.200%
62) 4-Bromofluorobenzene	12.477	95	37137	34.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.260%

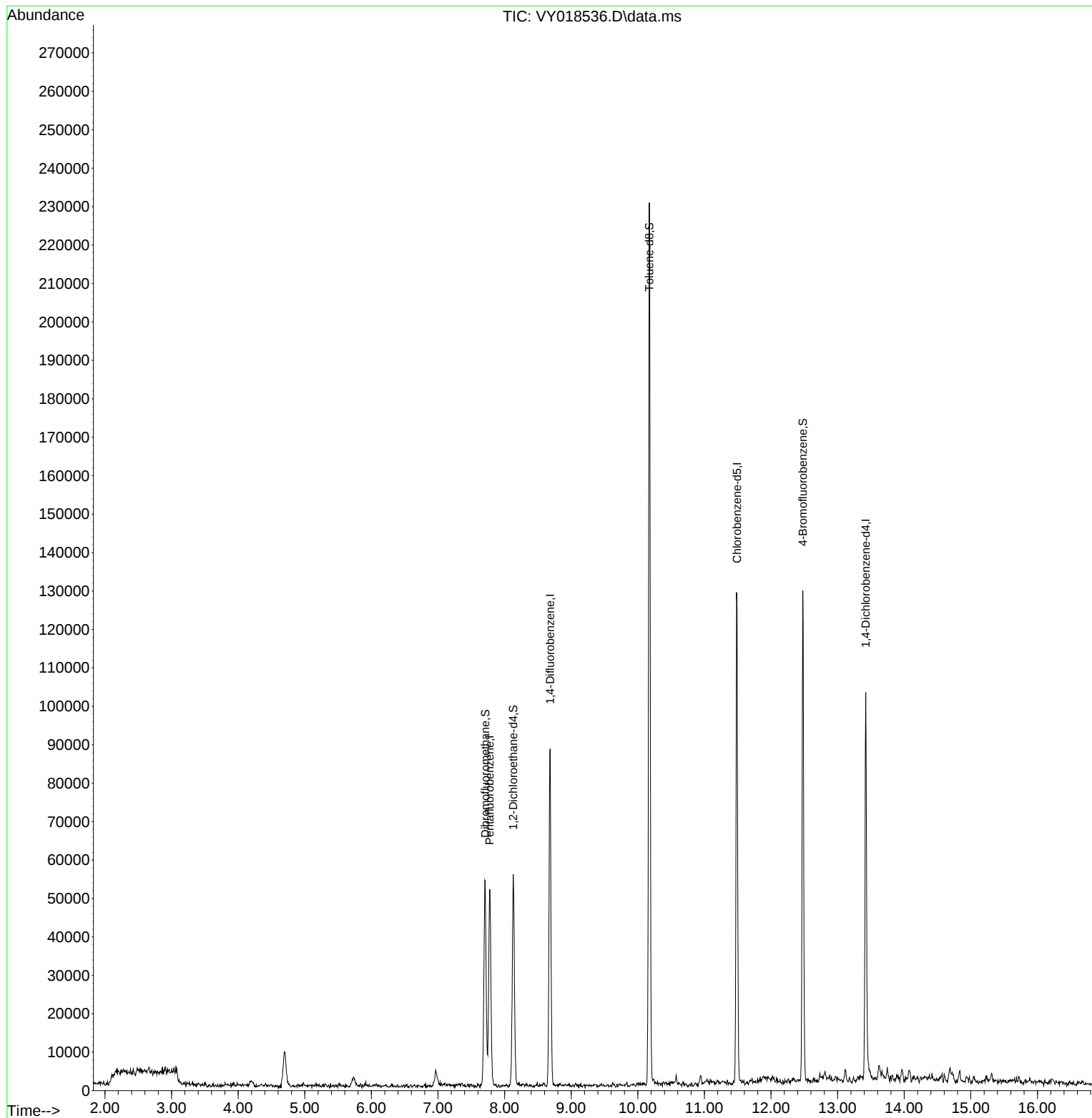
Target Compounds	Qvalue

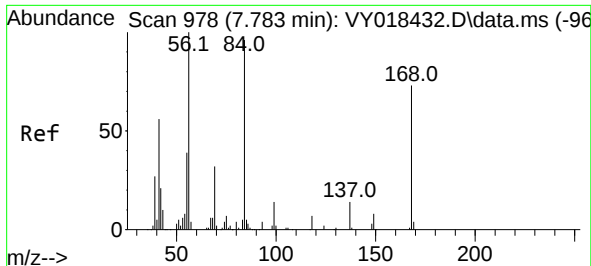
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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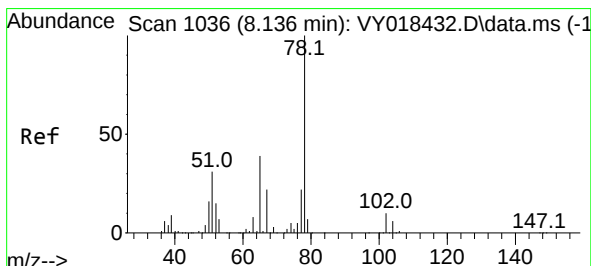
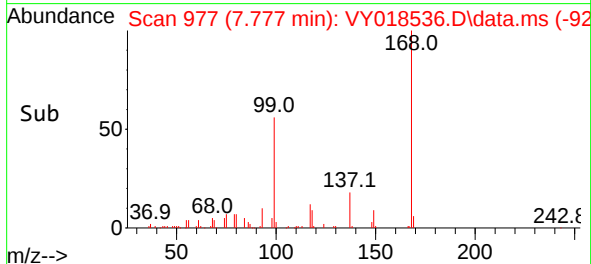
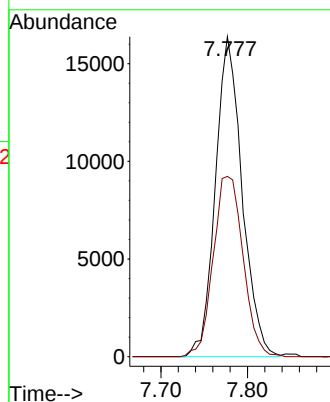
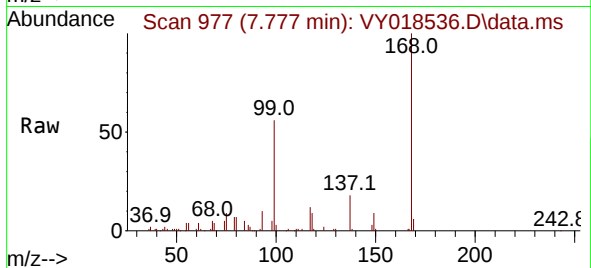




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

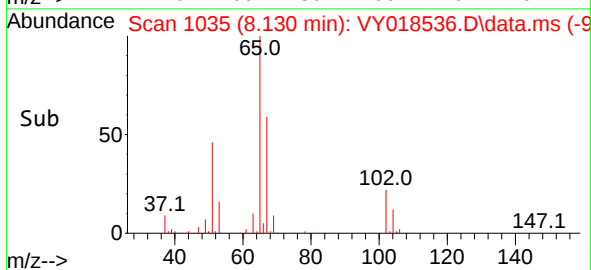
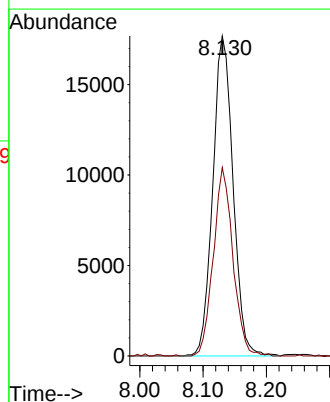
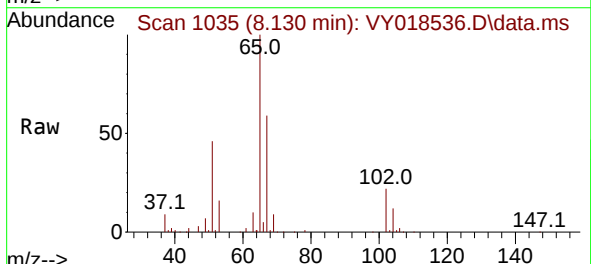
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060724

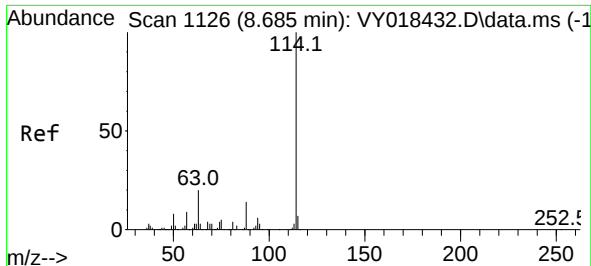
Tgt Ion:168 Resp: 35114
Ion Ratio Lower Upper
168 100
99 56.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.956 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 65 Resp: 39276
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.6

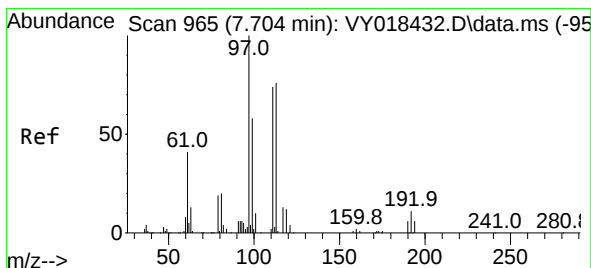
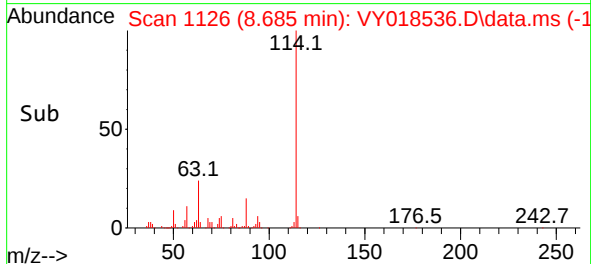
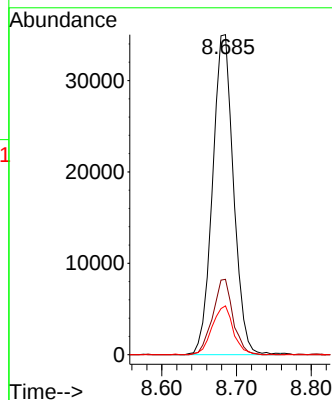
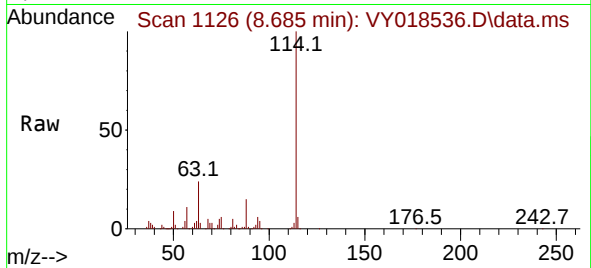




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

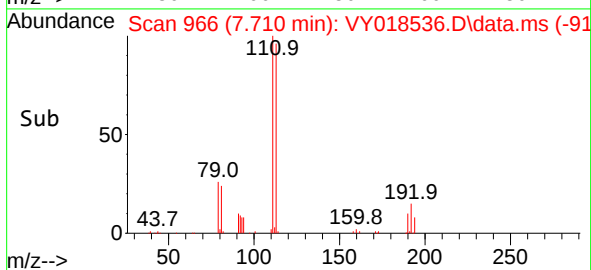
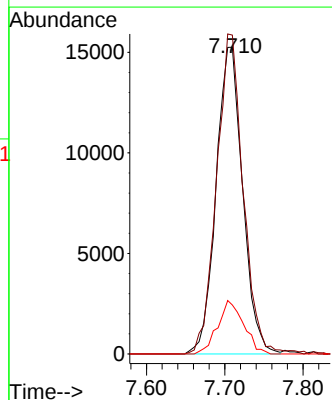
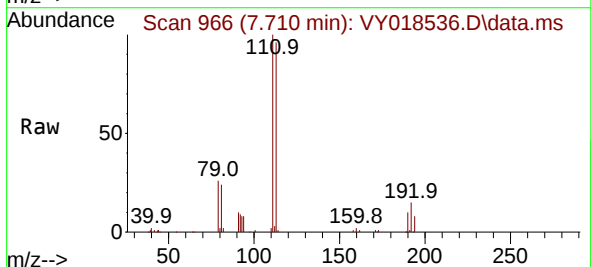
Instrument :
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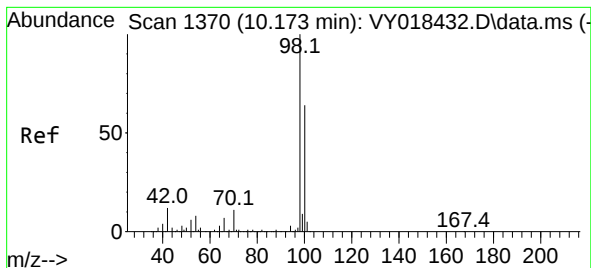
Tgt Ion:	114	Resp:	68284
Ion Ratio	Lower	Upper	
114	100		
63	23.6	0.0	35.0
88	15.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 41.585 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion:	113	Resp:	36008
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.2	123.4
192	17.0	15.9	23.9





#50

Toluene-d8

Concen: 41.099 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

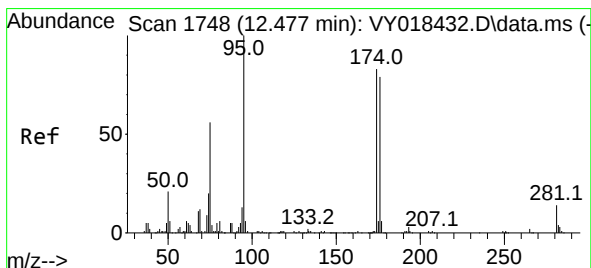
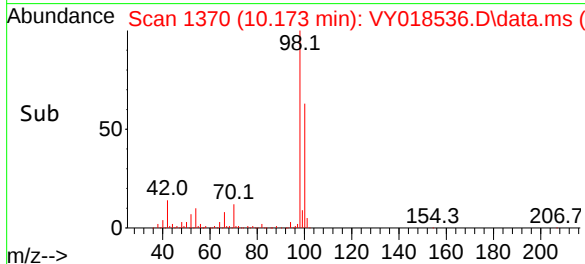
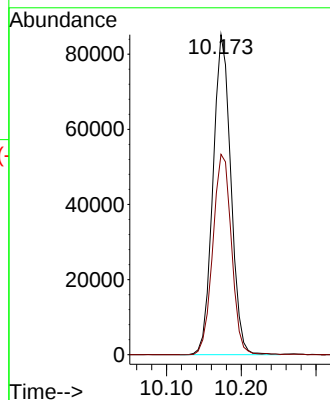
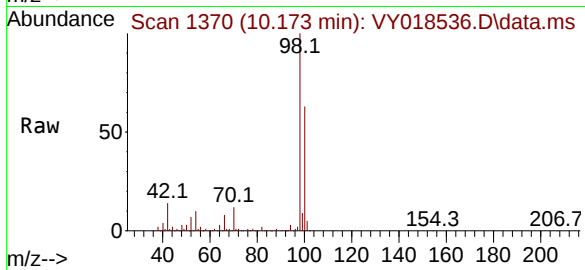
TR-04-060724

Tgt Ion: 98 Resp: 141576

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.626 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

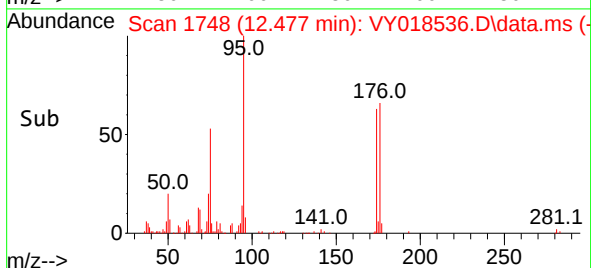
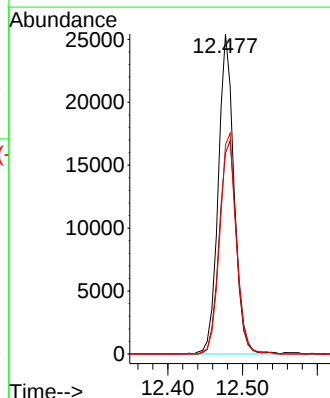
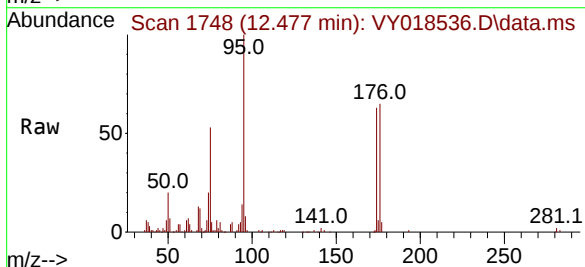
Tgt Ion: 95 Resp: 37137

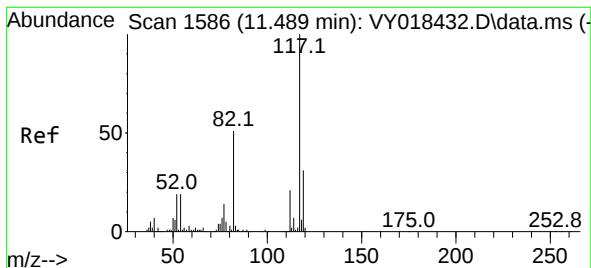
Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060724

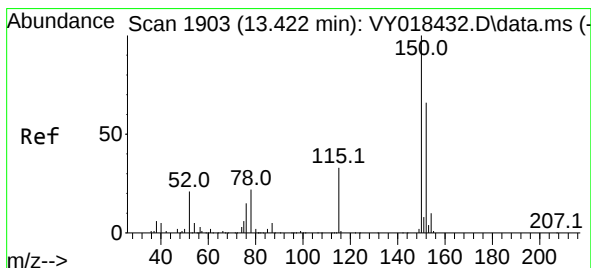
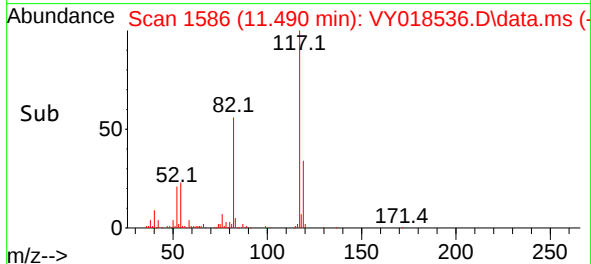
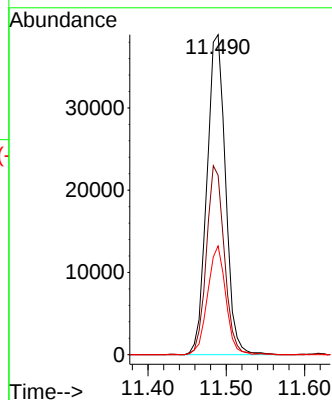
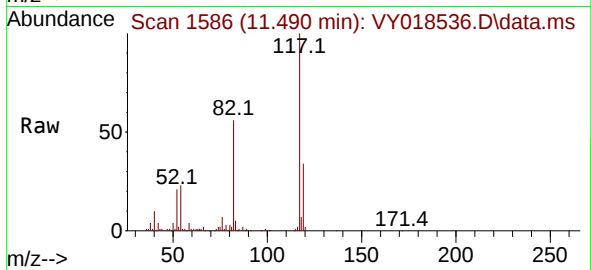
Tgt Ion:117 Resp: 64110

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 34.0 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: VY018536.D

Acq: 07 Jun 2024 18:57

Tgt Ion:152 Resp: 22938

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 156.0 0.0 345.6

