

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018511.D
 Acq On : 06 Jun 2024 17:40
 Operator : SY/MD
 Sample : P2707-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03

Quant Time: Jun 07 02:29:32 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	3273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	5674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3844	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	3252	50.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.180%
35) Dibromofluoromethane	7.710	113	2776	38.582	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.160%
50) Toluene-d8	10.179	98	8826	30.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.660%
62) 4-Bromofluorobenzene	12.477	95	1717	19.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.540%

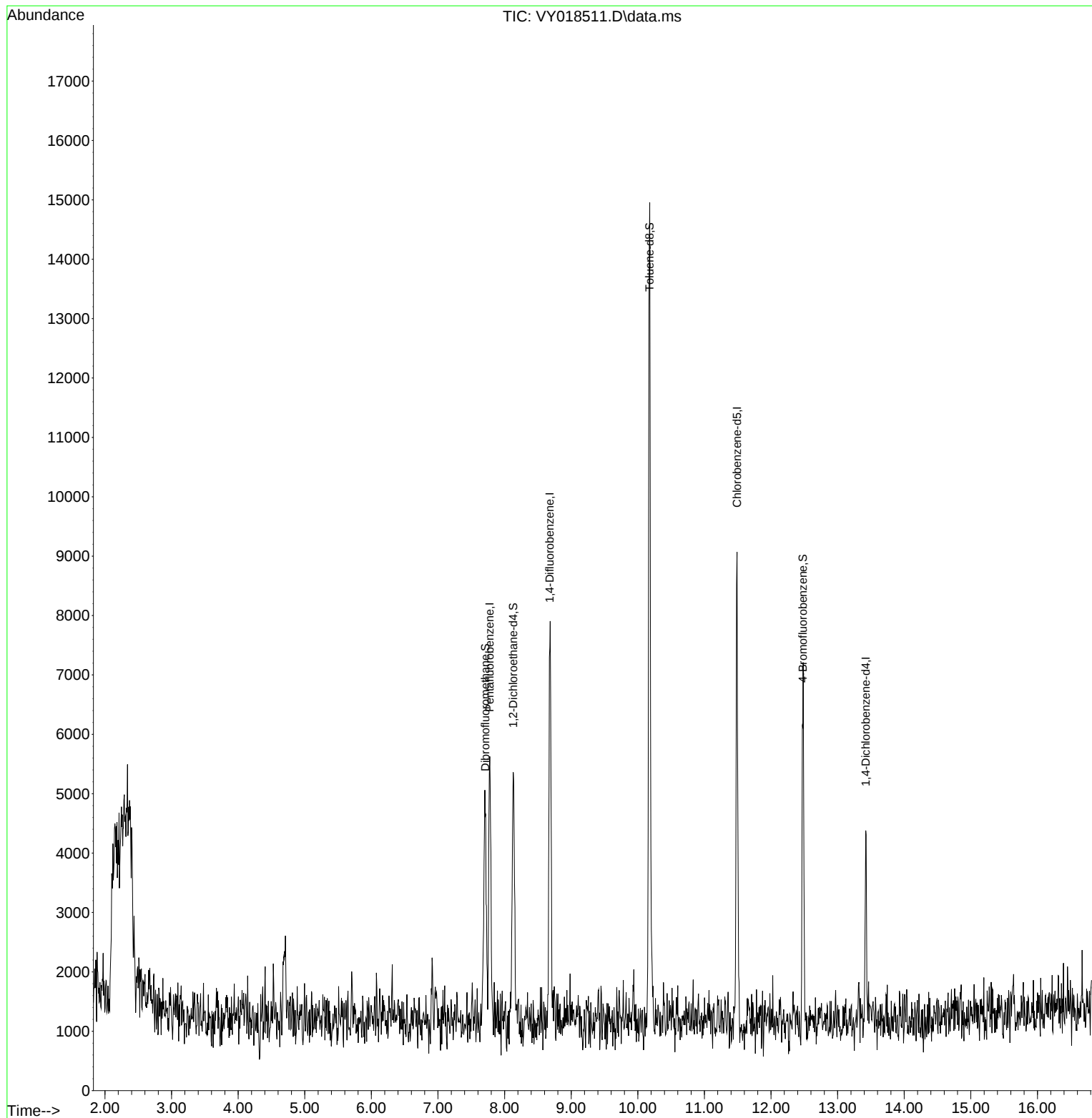
Target Compounds	Qvalue

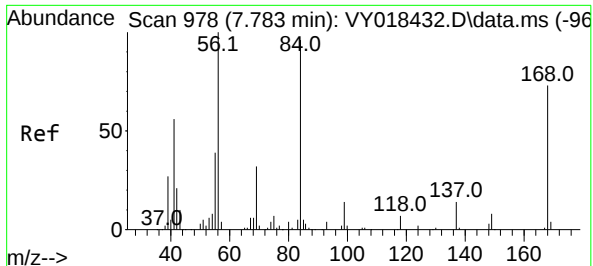
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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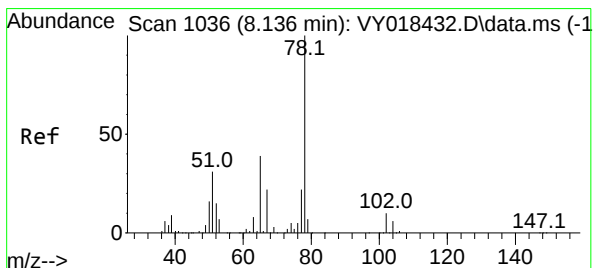
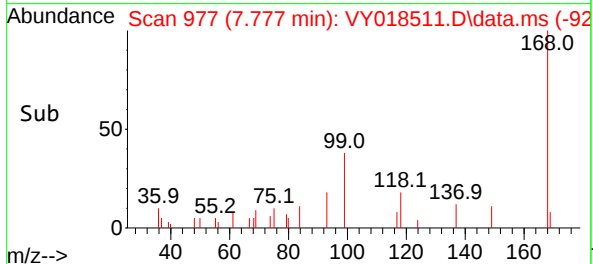
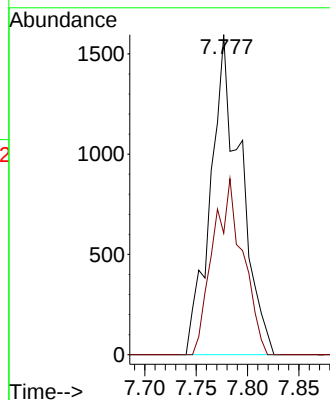
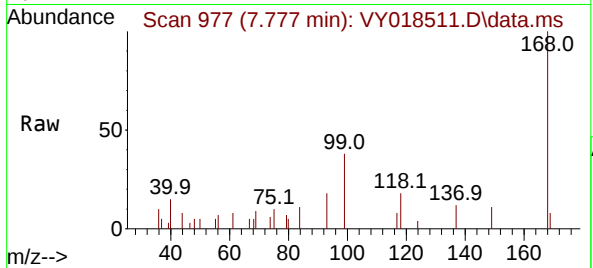




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

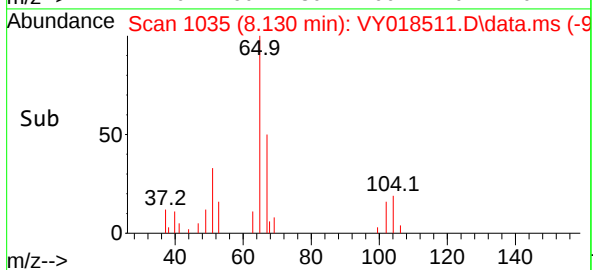
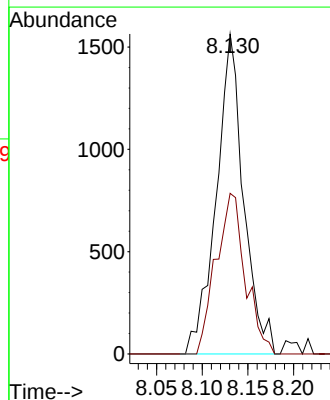
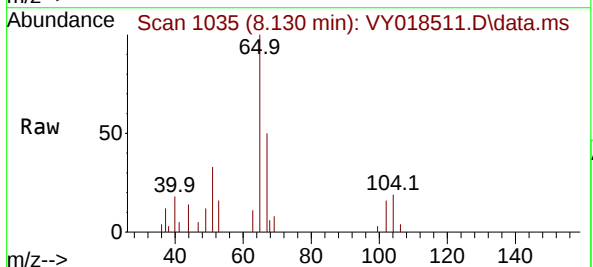
Instrument :
MSVOA_Y
ClientSampleId :
SW-03

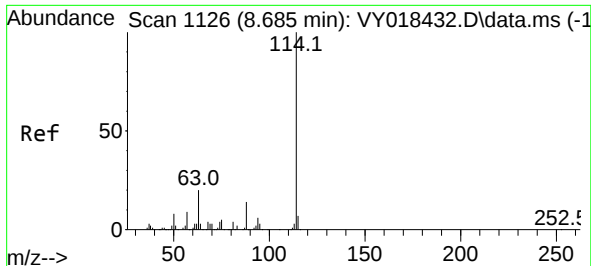
Tgt Ion:168 Resp: 3273
Ion Ratio Lower Upper
168 100
99 38.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

Tgt Ion: 65 Resp: 3252
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

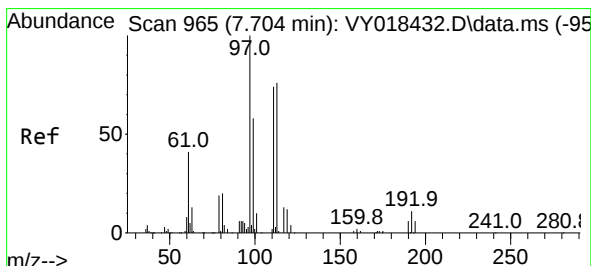
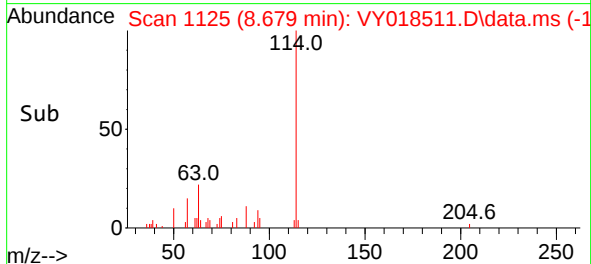
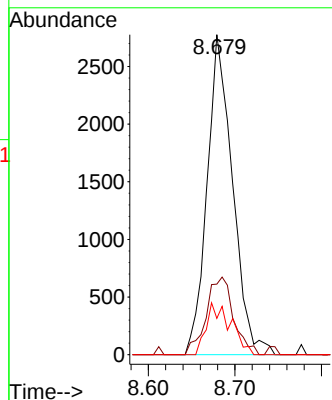
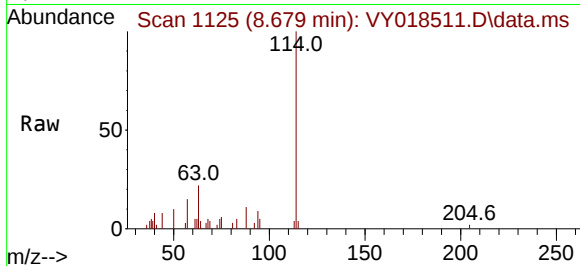




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

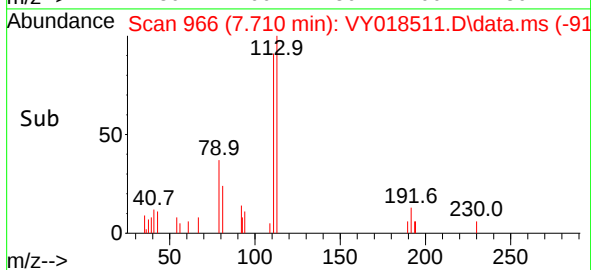
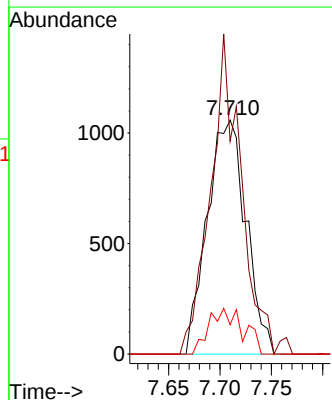
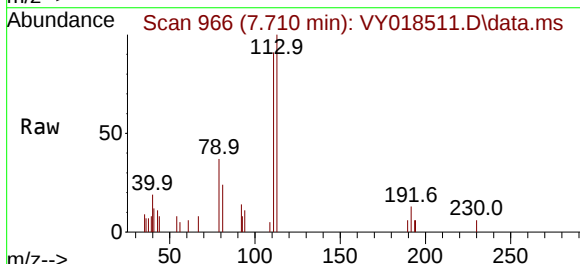
Instrument :
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ClientSampleId :
SW-03

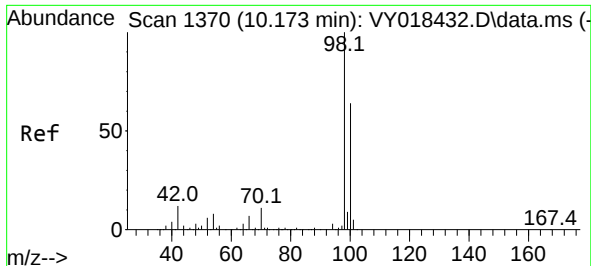
Tgt Ion:	114	Resp:	5674
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	35.0
88	11.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 38.582 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

Tgt Ion:	113	Resp:	2776
Ion	Ratio	Lower	Upper
113	100		
111	109.2	82.2	123.4
192	17.1	15.9	23.9

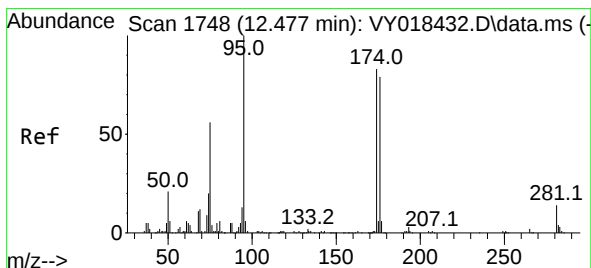
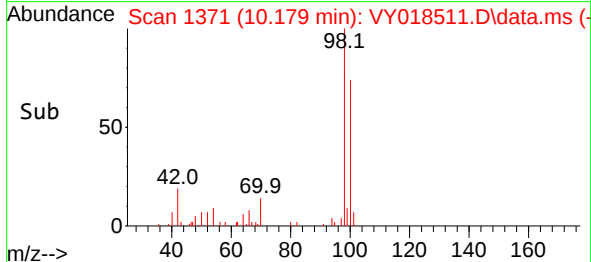
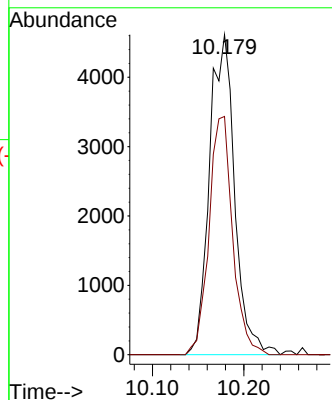
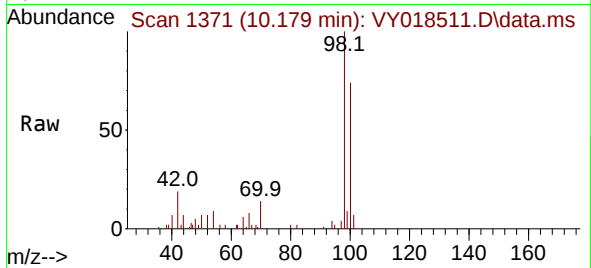




#50
Toluene-d8
Concen: 30.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

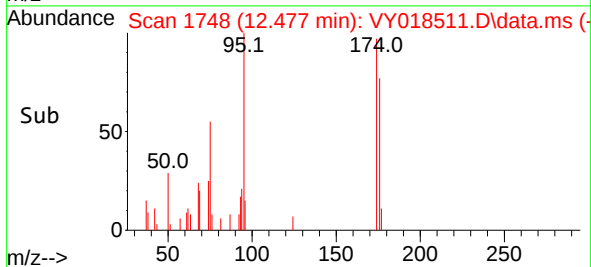
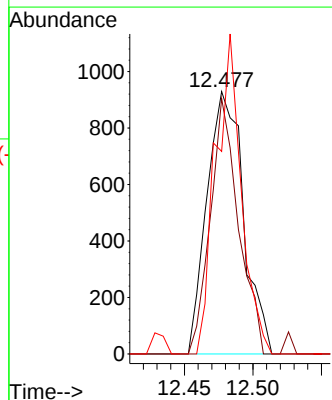
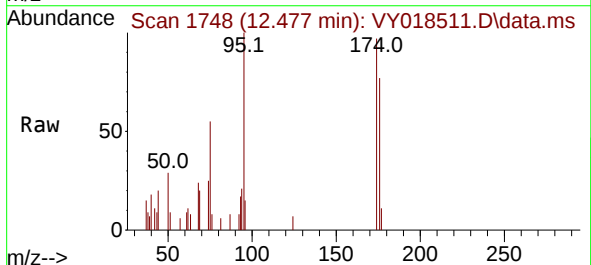
Instrument :
MSVOA_Y
ClientSampleId :
SW-03

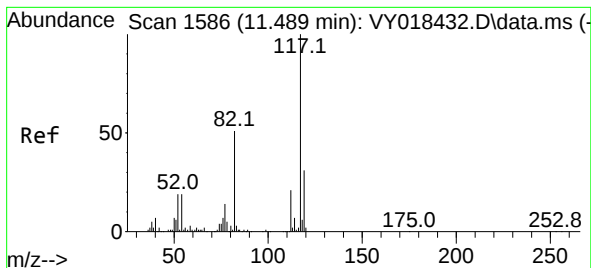
Tgt Ion: 98 Resp: 8826
Ion Ratio Lower Upper
98 100
100 69.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018511.D
Acq: 06 Jun 2024 17:40

Tgt Ion: 95 Resp: 1717
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 86.5 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: VY018511.D

Acq: 06 Jun 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SW-03

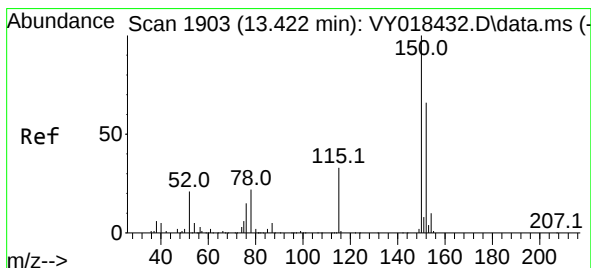
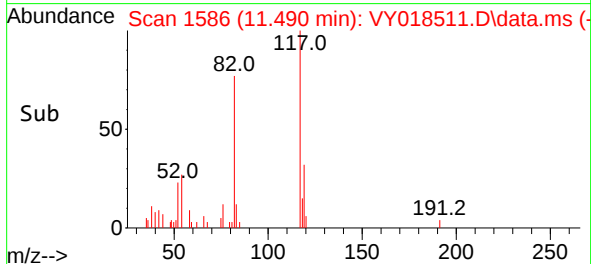
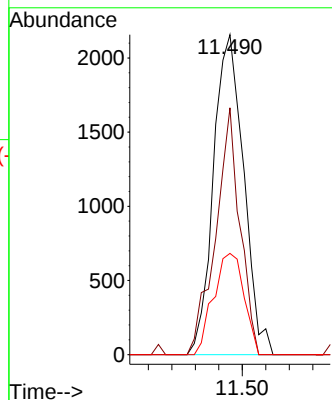
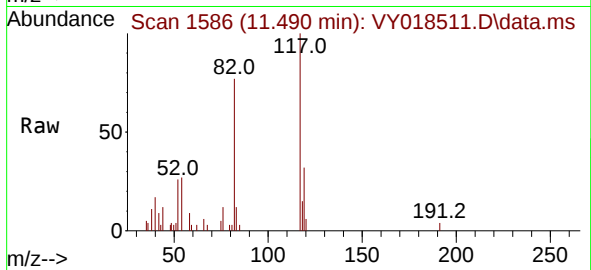
Tgt Ion:117 Resp: 3844

Ion Ratio Lower Upper

117 100

82 77.1 42.4 63.6#

119 31.7 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: VY018511.D

Acq: 06 Jun 2024 17:40

Tgt Ion:152 Resp: 715

Ion Ratio Lower Upper

152 100

115 78.6 28.2 84.7

150 194.1 0.0 345.6

