

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018435.D
 Acq On : 03 Jun 2024 12:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 04 05:28:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	92688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	183124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	158367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52575	28.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.760%
35) Dibromofluoromethane	7.710	113	55526	23.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.820%#
50) Toluene-d8	10.173	98	217042	23.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	46.980%#
62) 4-Bromofluorobenzene	12.477	95	61984	21.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.100%

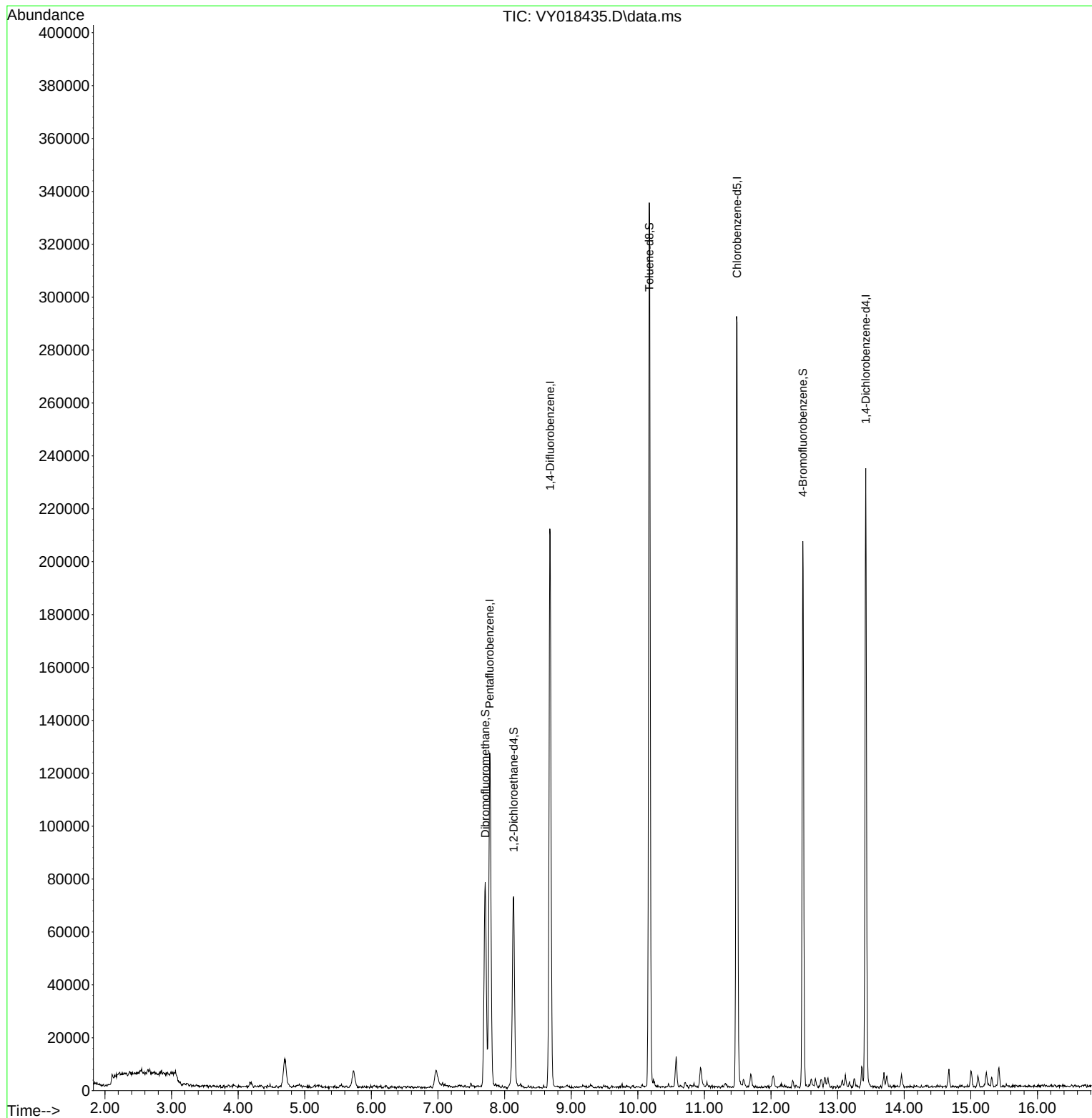
Target Compounds	Qvalue

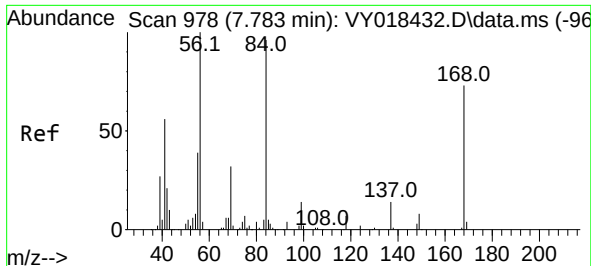
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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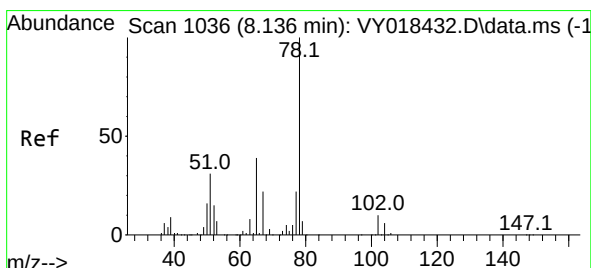
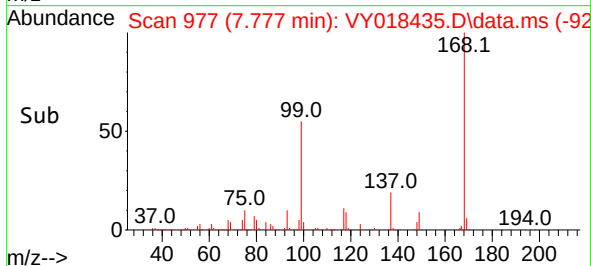
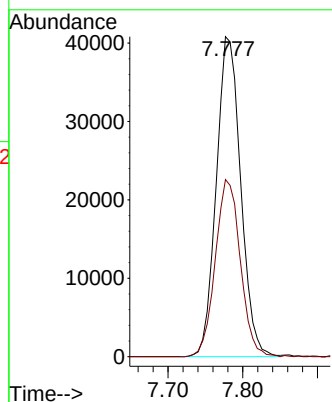
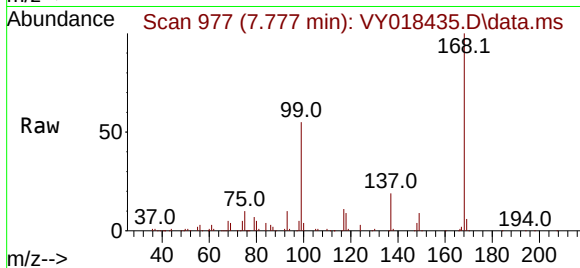




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018435.D
Acq: 03 Jun 2024 12:34

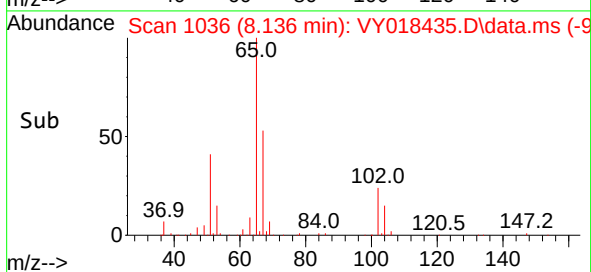
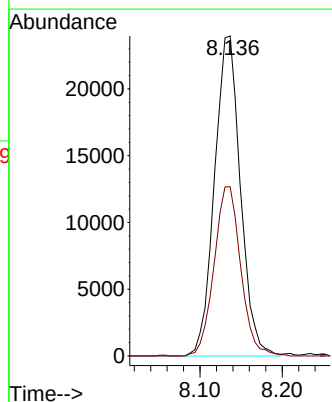
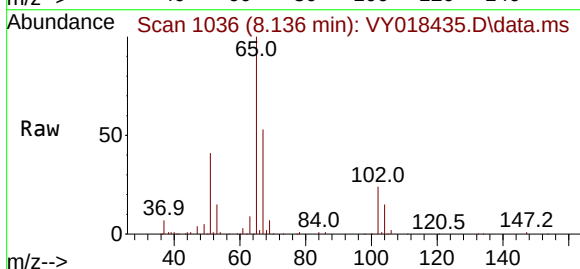
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

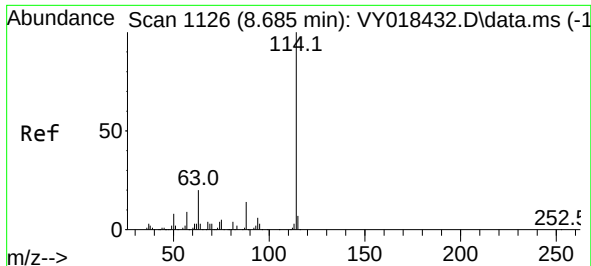
Tgt Ion:168 Resp: 92688
Ion Ratio Lower Upper
168 100
99 55.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 28.883 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018435.D
Acq: 03 Jun 2024 12:34

Tgt Ion: 65 Resp: 52575
Ion Ratio Lower Upper
65 100
67 54.3 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: VY018435.D

Acq: 03 Jun 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

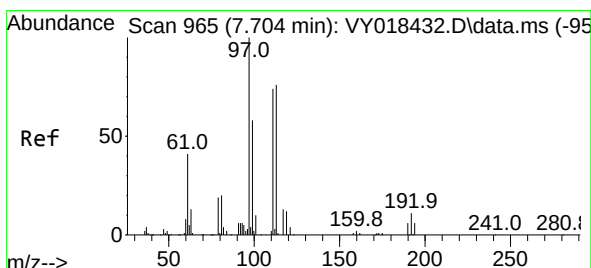
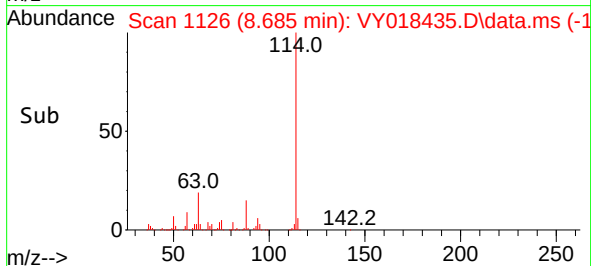
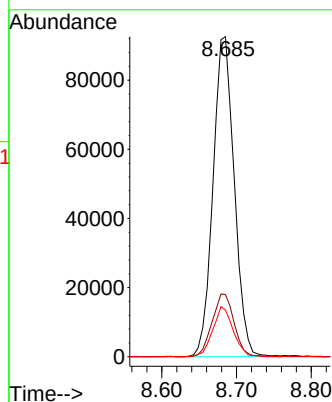
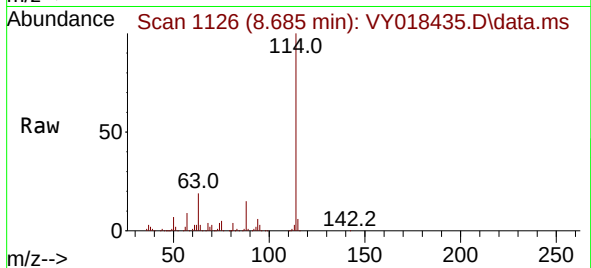
Tgt Ion:114 Resp: 183124

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 23.912 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018435.D

Acq: 03 Jun 2024 12:34

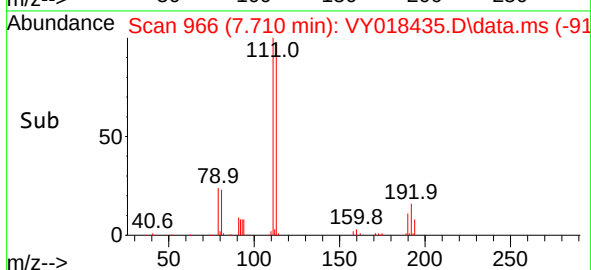
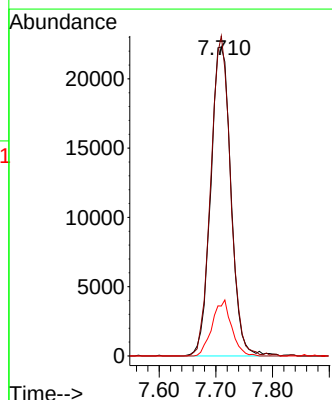
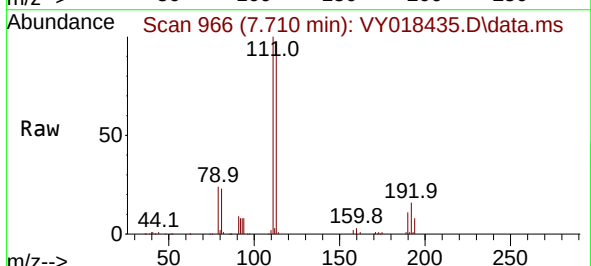
Tgt Ion:113 Resp: 55526

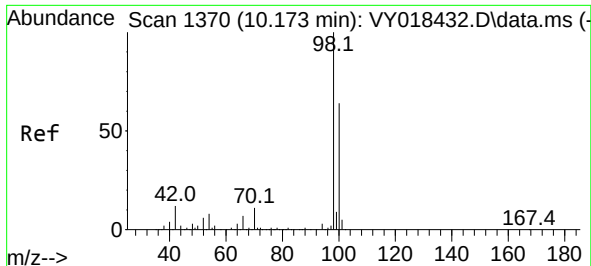
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 17.2 15.9 23.9

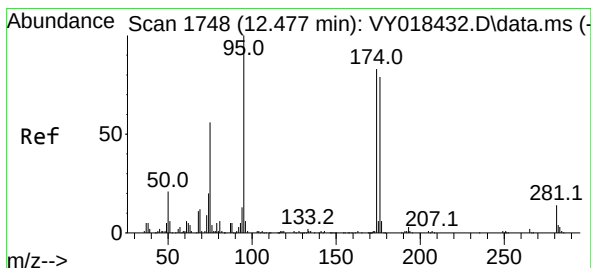
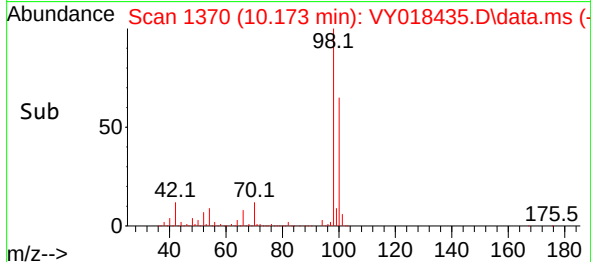
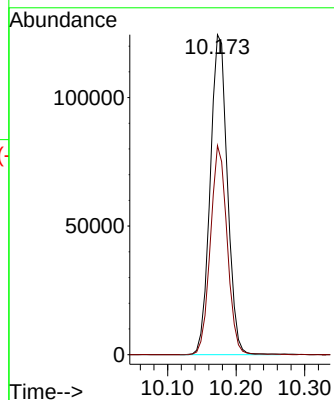
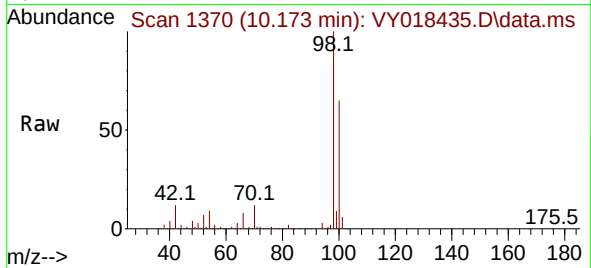




#50
Toluene-d8
Concen: 23.494 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018435.D
Acq: 03 Jun 2024 12:34

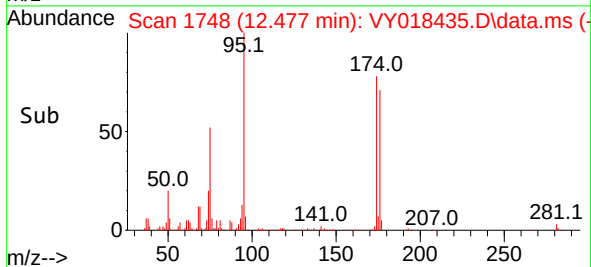
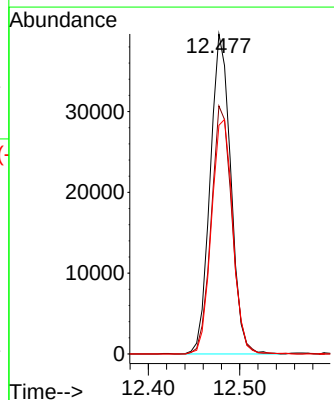
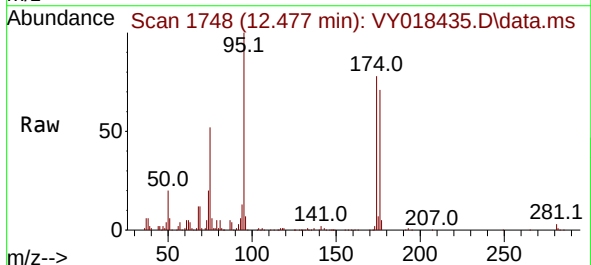
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

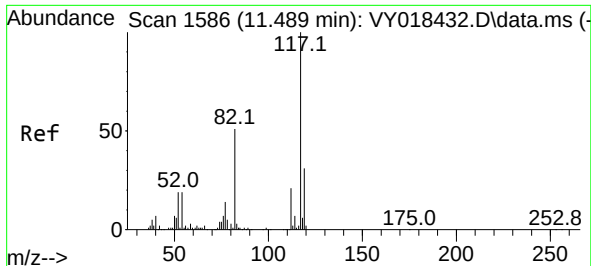
Tgt Ion: 98 Resp: 217042
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 21.550 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018435.D
Acq: 03 Jun 2024 12:34

Tgt Ion: 95 Resp: 61984
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 75.8 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: VY018435.D

Acq: 03 Jun 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

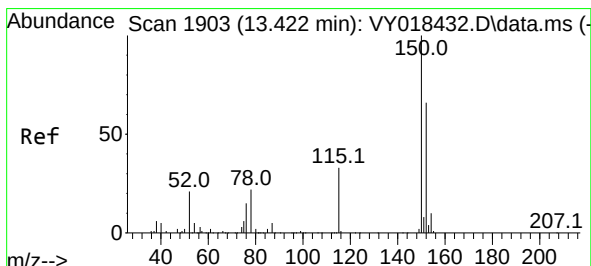
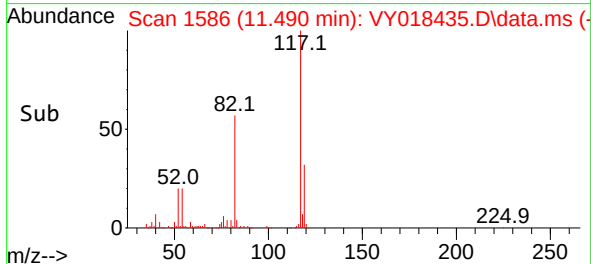
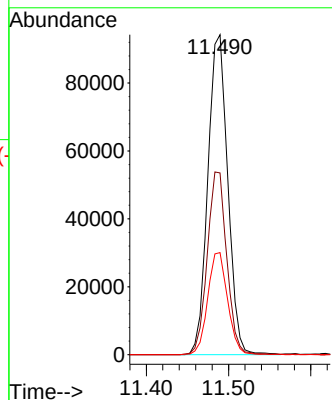
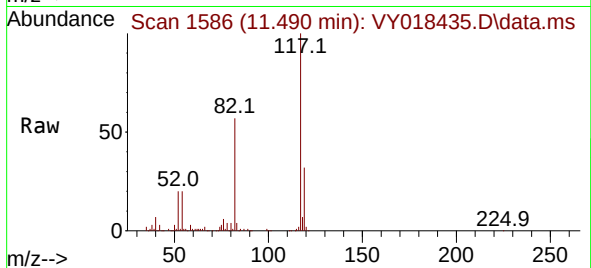
Tgt Ion:117 Resp: 158367

Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 31.9 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: VY018435.D

Acq: 03 Jun 2024 12:34

Tgt Ion:152 Resp: 56616

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 156.9 0.0 345.6

