

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018562.D
 Acq On : 11 Jun 2024 17:12
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Jun 12 03:04:07 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)

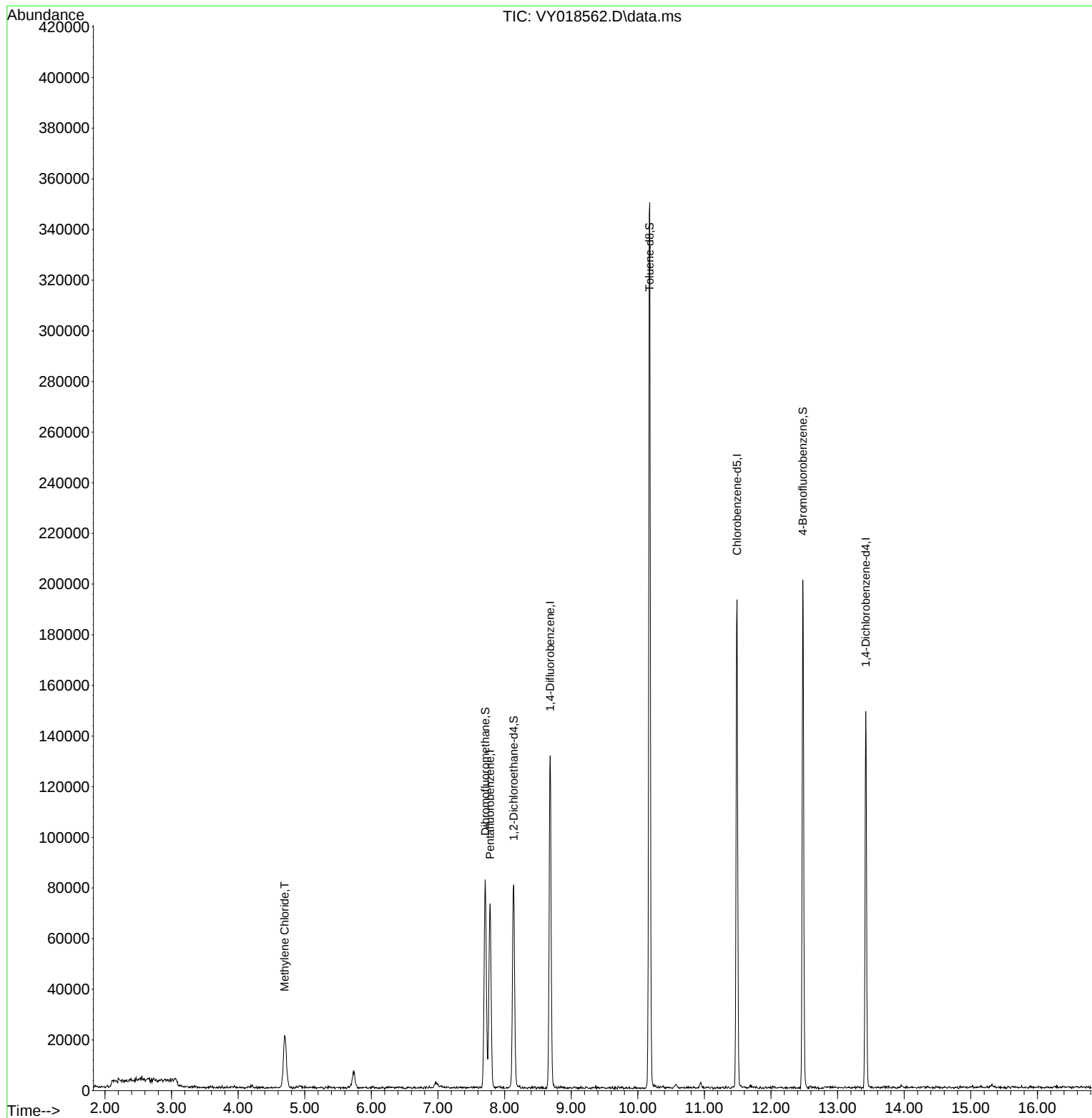
Internal Standards						
1) Pentafluorobenzene	7.783	168	51362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	107850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	96742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59937	59.422	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.840%	
35) Dibromofluoromethane	7.710	113	55971	40.926	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	81.860%	
50) Toluene-d8	10.179	98	217699	40.013	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	80.020%	
62) 4-Bromofluorobenzene	12.477	95	57280	33.814	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	67.620%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	14404	8.703	ug/l	# 85

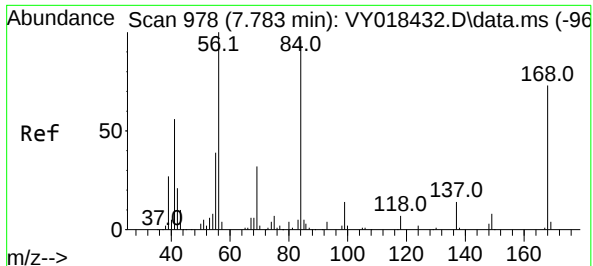
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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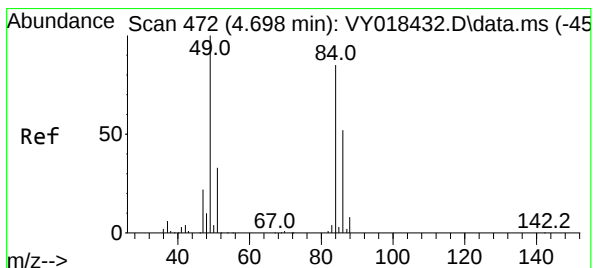
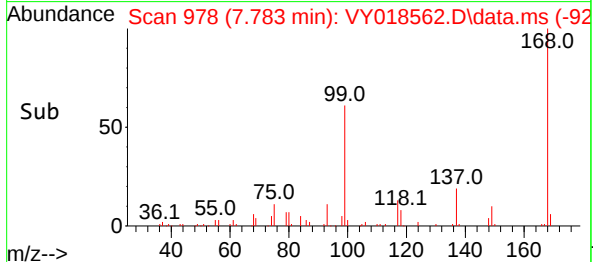
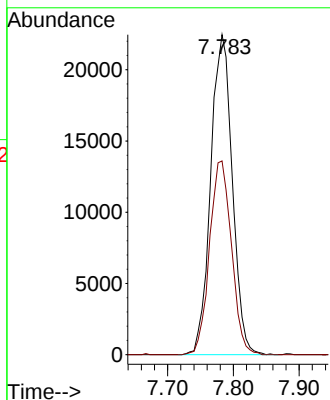
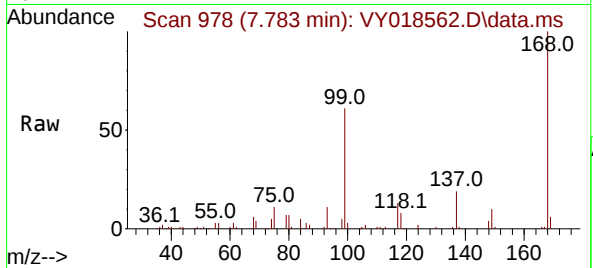




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

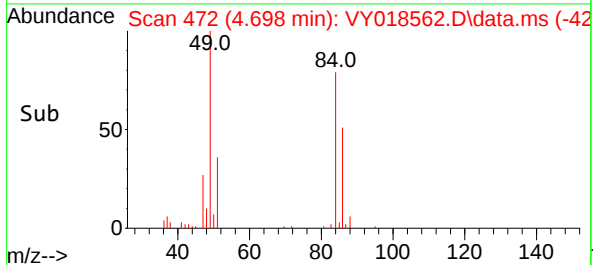
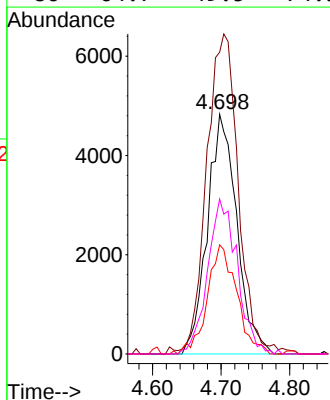
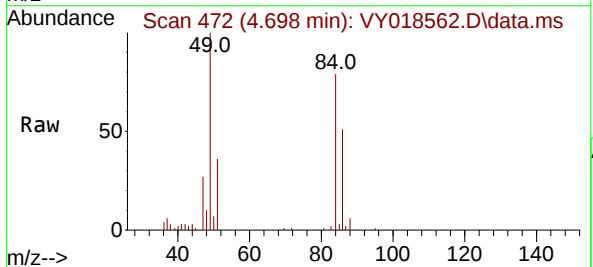
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

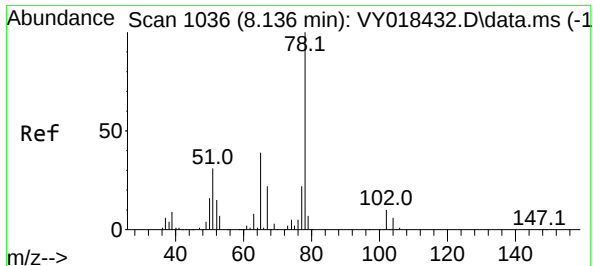
Tgt Ion:168 Resp: 51362
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#20
Methylene Chloride
Concen: 8.703 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

Tgt Ion: 84 Resp: 14404
Ion Ratio Lower Upper
84 100
49 124.6 84.4 126.6
51 45.5 26.0 39.0#
86 64.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 59.422 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018562.D

Acq: 11 Jun 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

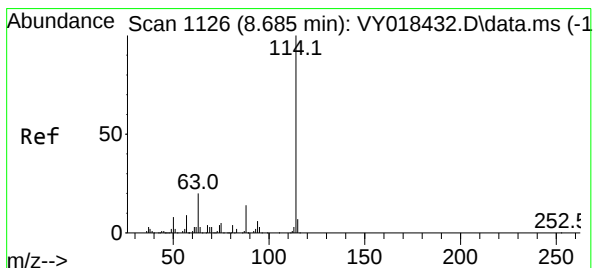
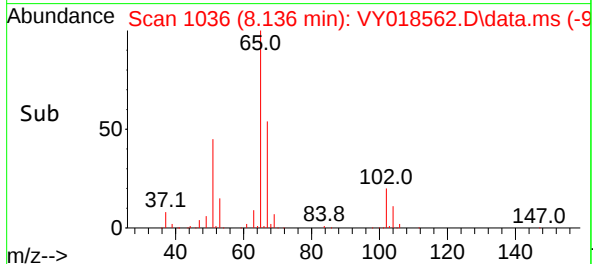
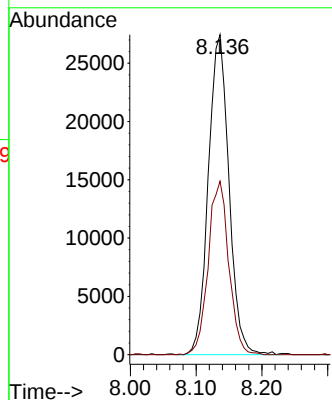
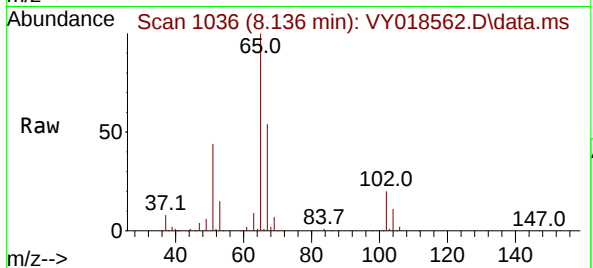
IBLK

Tgt Ion: 65 Resp: 59937

Ion Ratio Lower Upper

65 100

67 53.9 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: VY018562.D

Acq: 11 Jun 2024 17:12

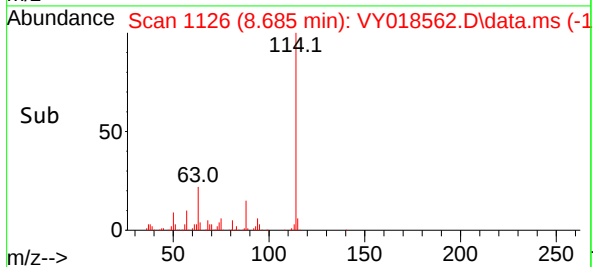
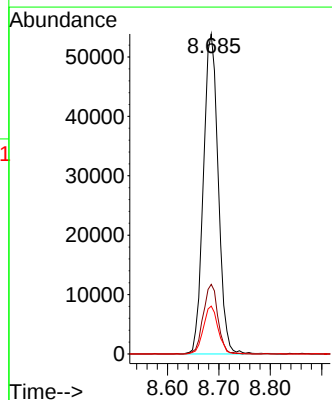
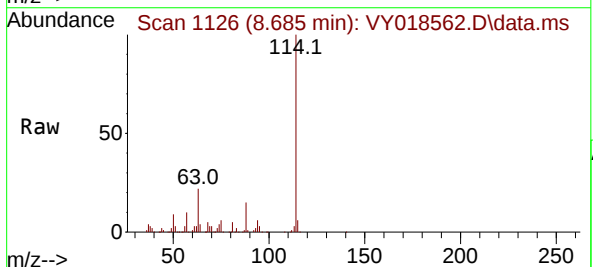
Tgt Ion: 114 Resp: 107850

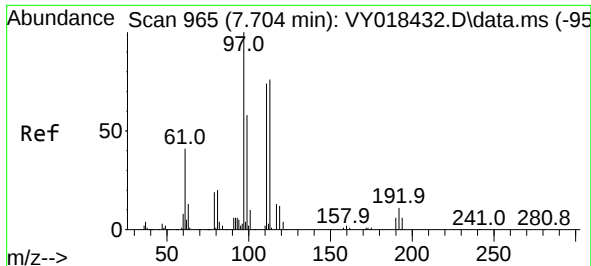
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 15.0 0.0 27.2

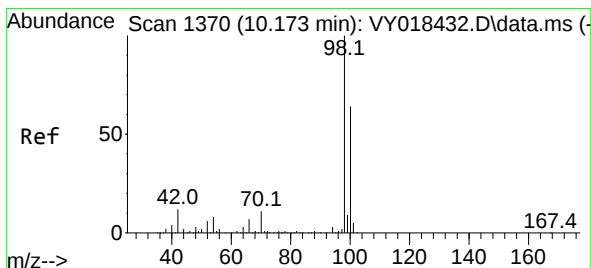
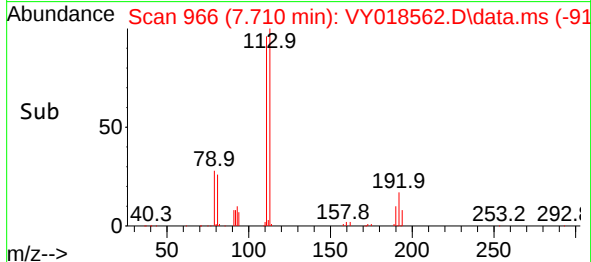
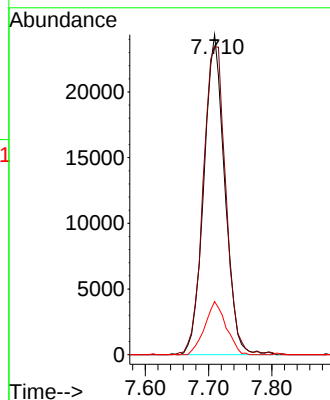
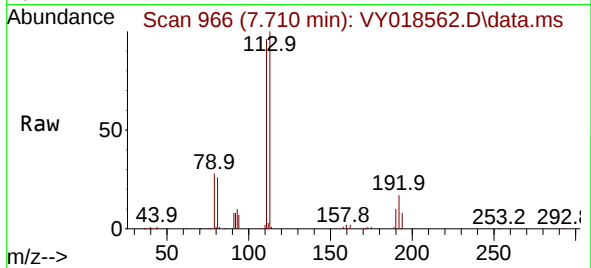




#35
Dibromofluoromethane
Concen: 40.926 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

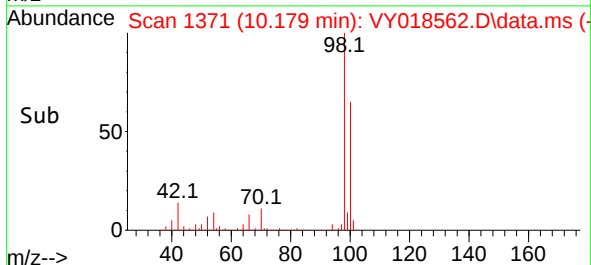
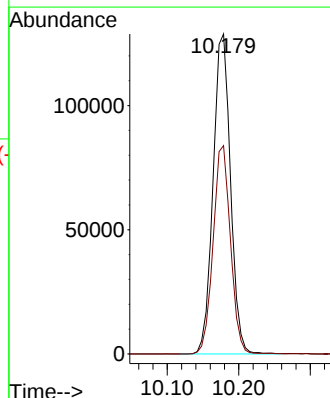
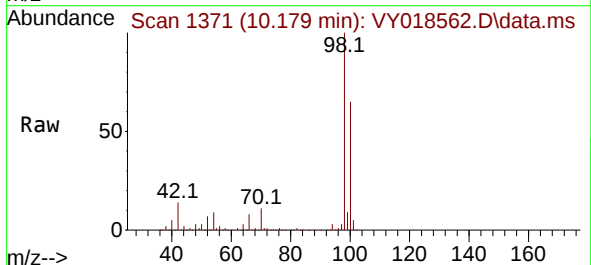
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

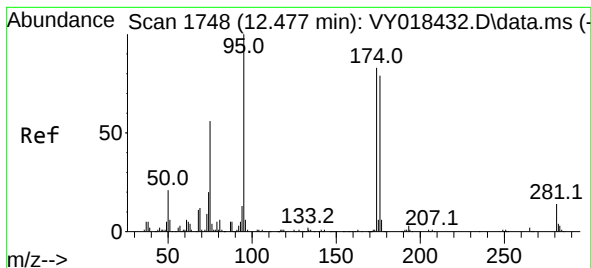
Tgt Ion:113 Resp: 55971
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 16.9 15.9 23.9



#50
Toluene-d8
Concen: 40.013 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

Tgt Ion: 98 Resp: 217699
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

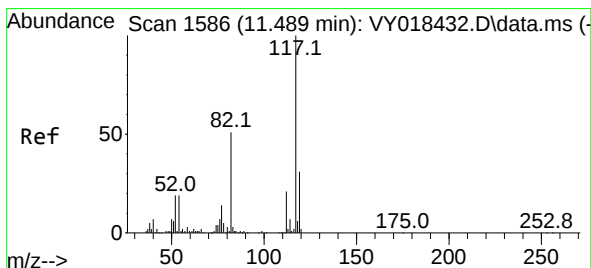
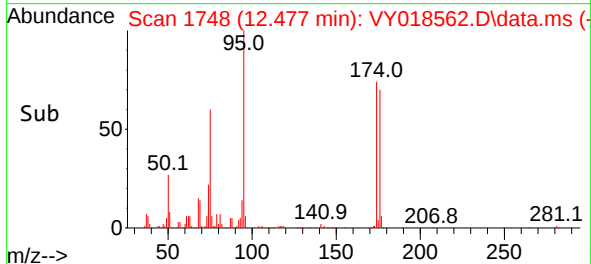
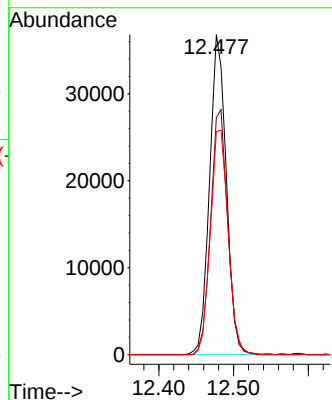
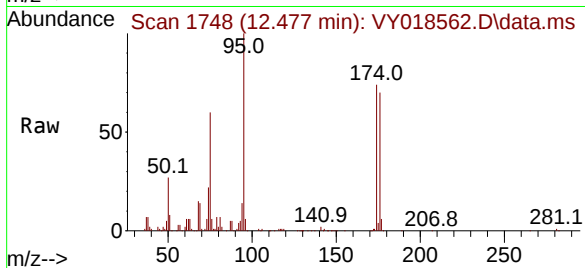




#62
4-Bromofluorobenzene
Concen: 33.814 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

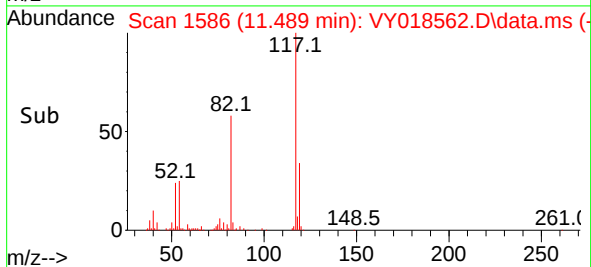
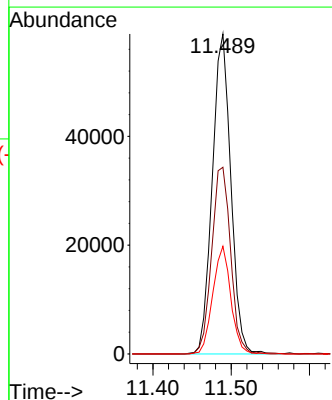
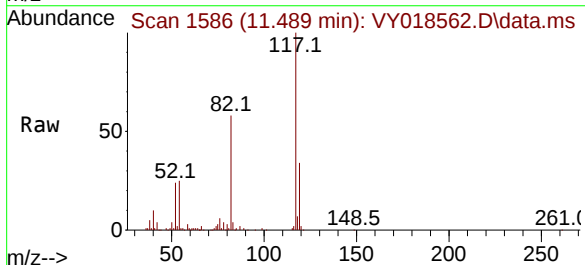
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

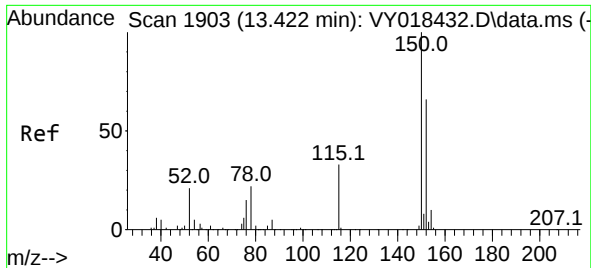
Tgt Ion: 95 Resp: 57280
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 74.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018562.D
Acq: 11 Jun 2024 17:12

Tgt Ion: 117 Resp: 96742
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 33.6 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: VY018562.D

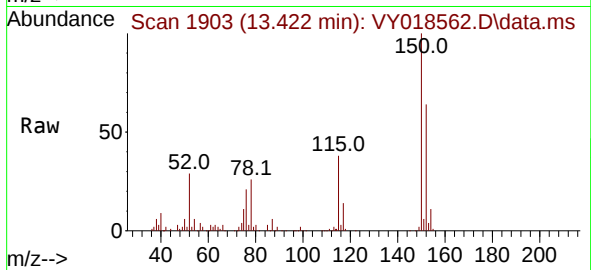
Acq: 11 Jun 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 33765

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 159.6 0.0 345.6

