

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018169.D
 Acq On : 07 May 2024 12:37
 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: May 08 01:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

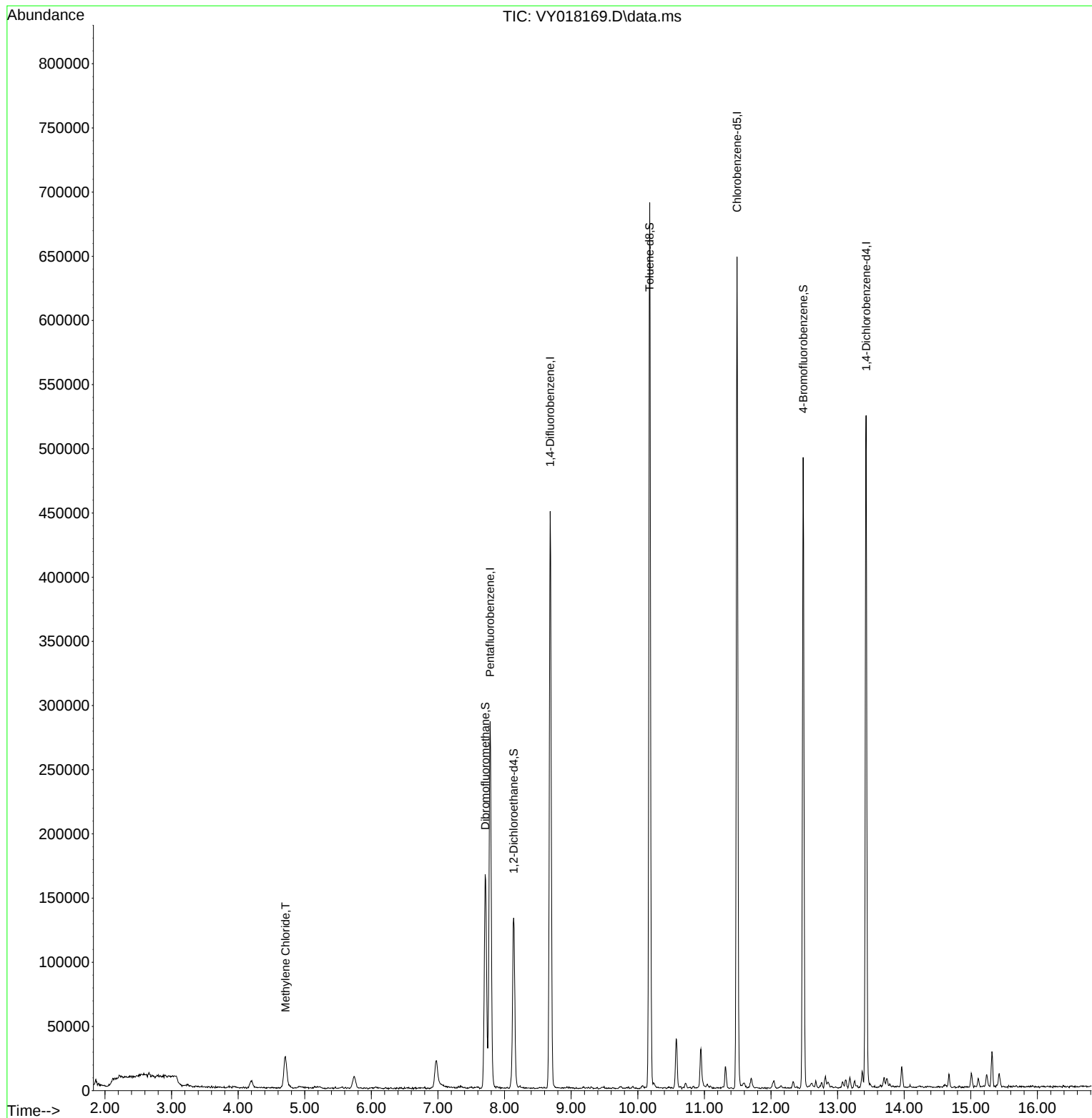
Internal Standards						
1) Pentafluorobenzene	7.783	168	235166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	363813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97194	56.180	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.360%	
35) Dibromofluoromethane	7.710	113	120075	54.456	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.920%	
50) Toluene-d8	10.179	98	463832	53.381	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	106.760%	
62) 4-Bromofluorobenzene	12.483	95	142474	50.774	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	101.540%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	19771	8.102	ug/l	93

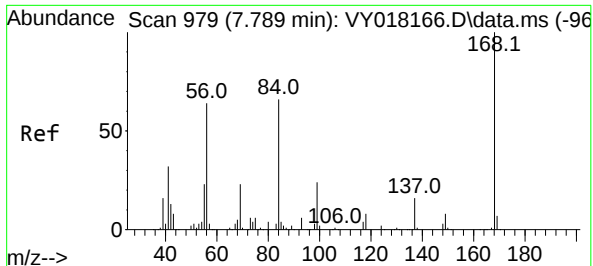
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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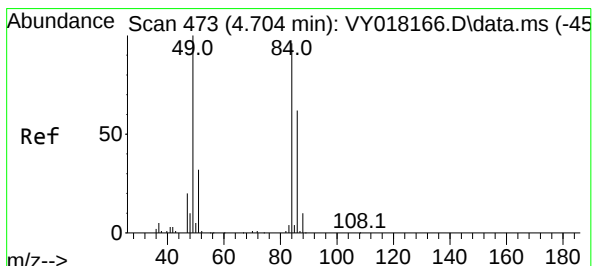
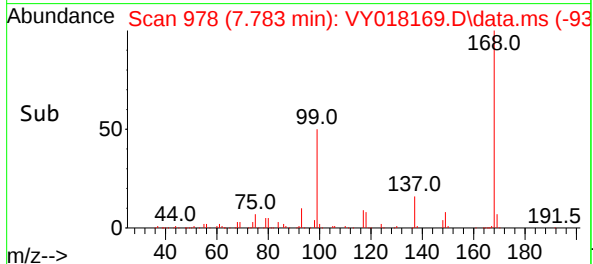
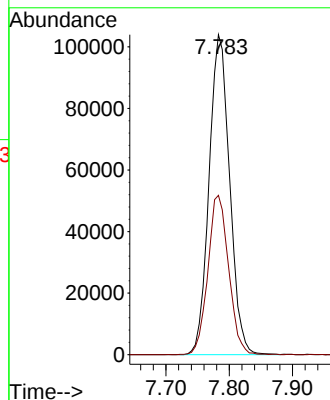
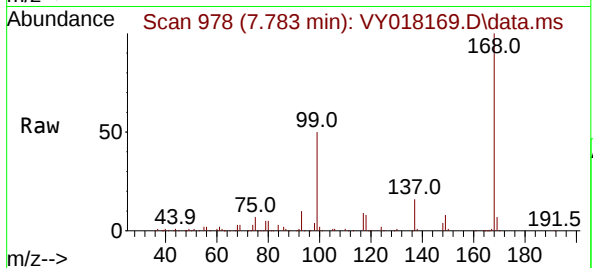




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

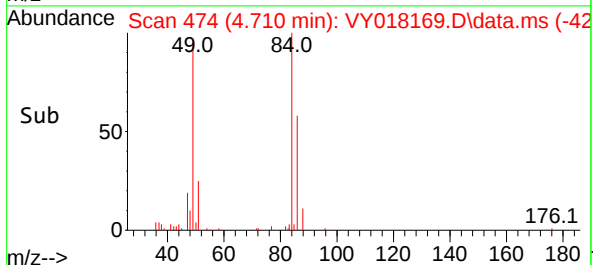
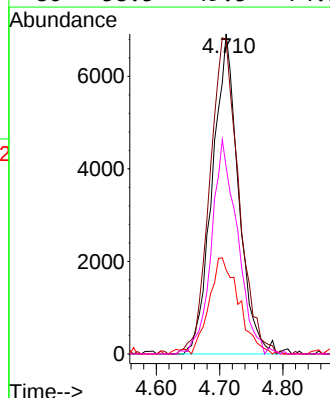
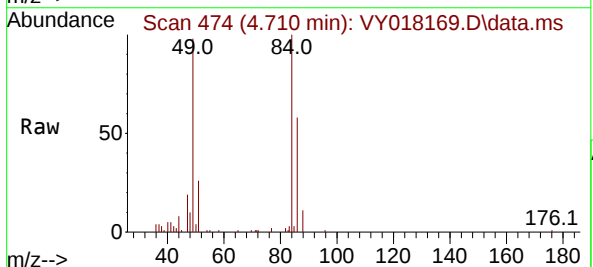
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

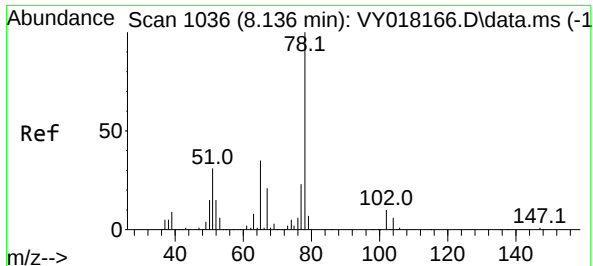
Tgt Ion:168 Resp: 235166
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#20
Methylene Chloride
Concen: 8.102 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

Tgt Ion: 84 Resp: 19771
Ion Ratio Lower Upper
84 100
49 97.3 84.4 126.6
51 26.3 26.0 39.0
86 58.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.180 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018169.D

Acq: 07 May 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

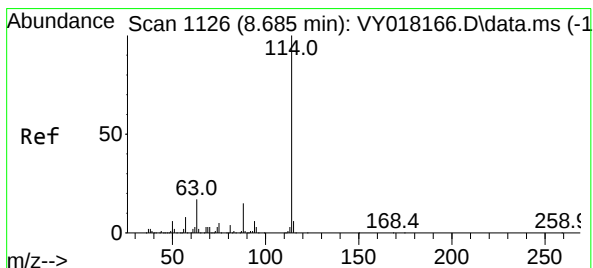
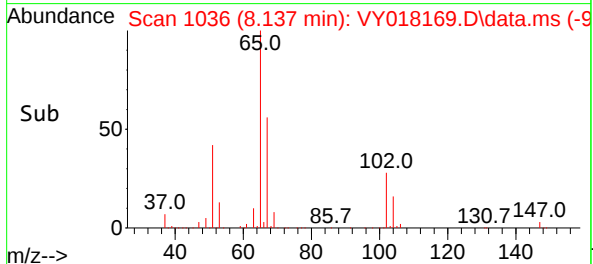
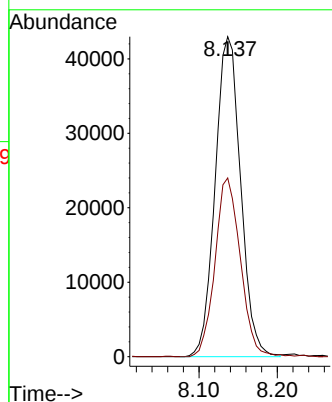
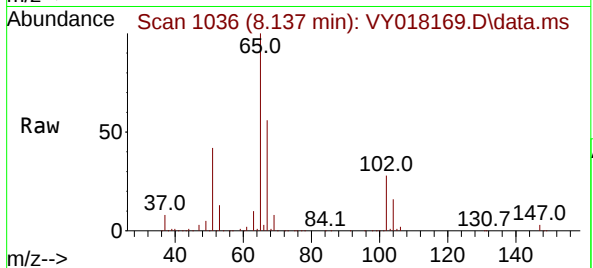
VIBLK

Tgt Ion: 65 Resp: 97194

Ion Ratio Lower Upper

65 100

67 55.5 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: VY018169.D

Acq: 07 May 2024 12:37

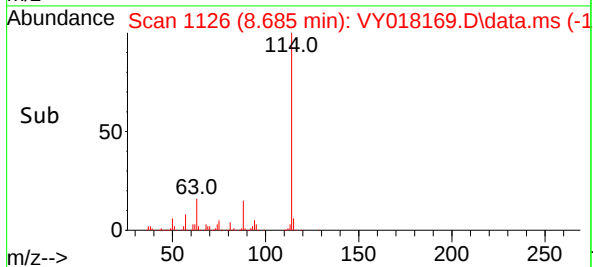
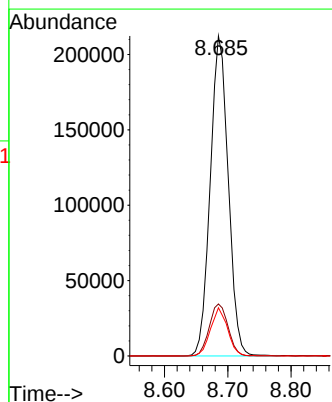
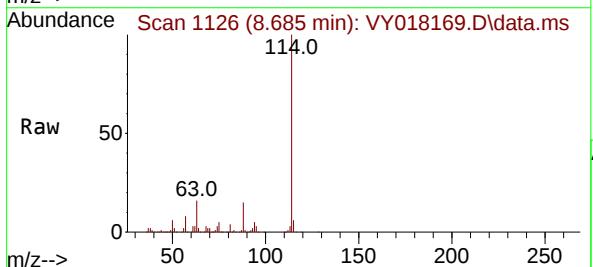
Tgt Ion: 114 Resp: 419561

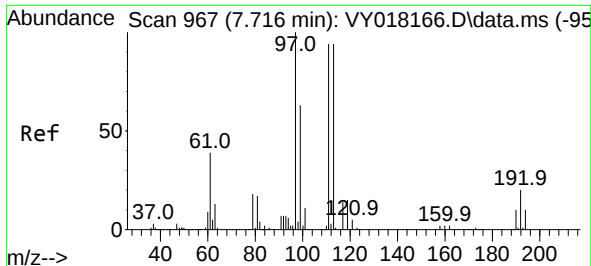
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 15.0 0.0 27.2

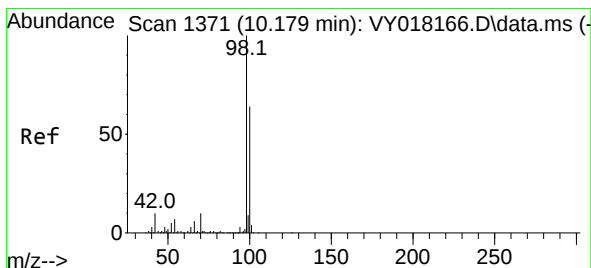
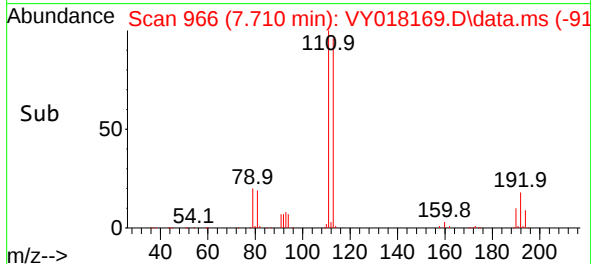
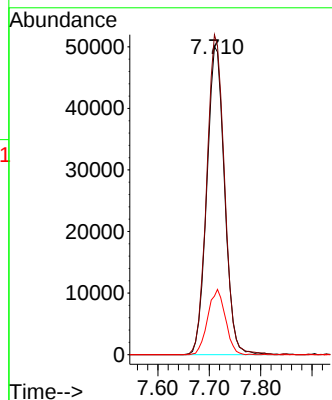
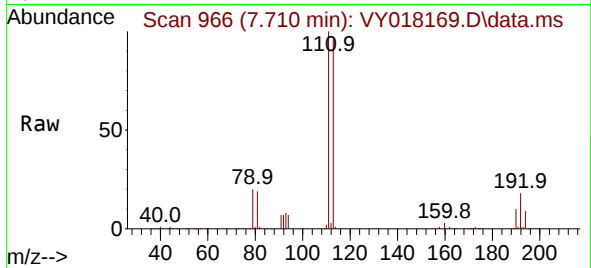




#35
Dibromofluoromethane
Concen: 54.456 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

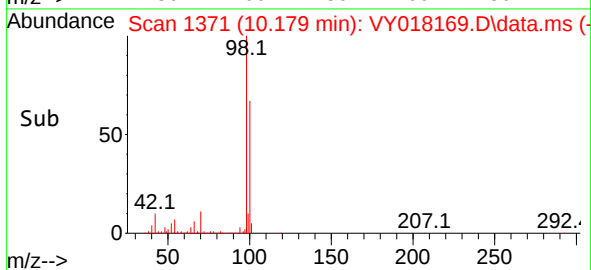
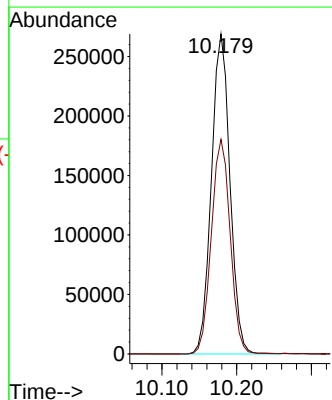
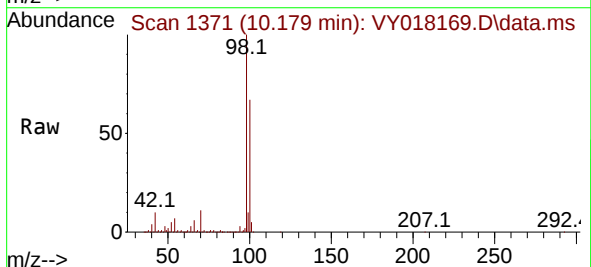
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

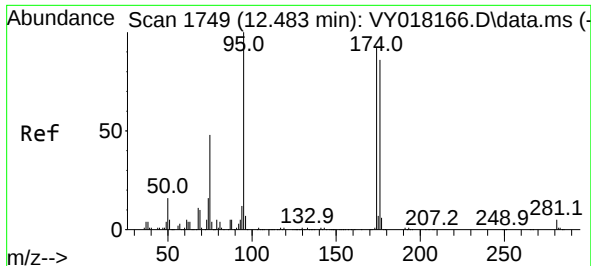
Tgt Ion:113 Resp: 120075
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 53.381 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

Tgt Ion: 98 Resp: 463832
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0

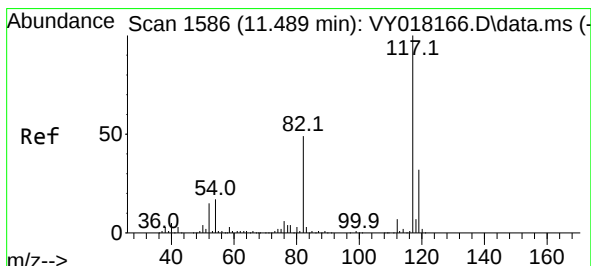
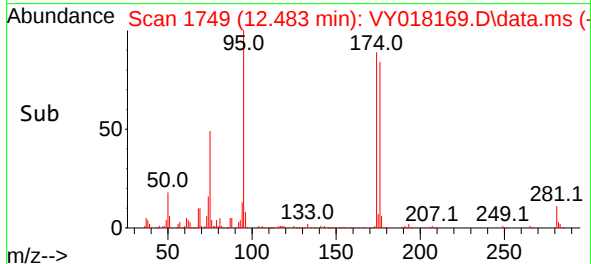
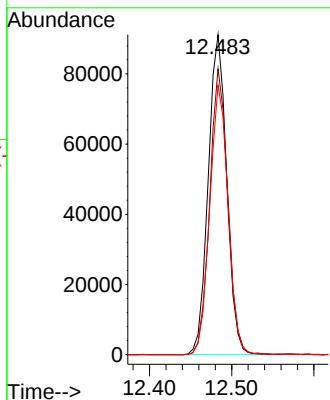
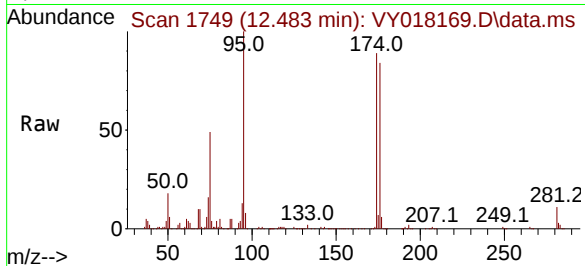




#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

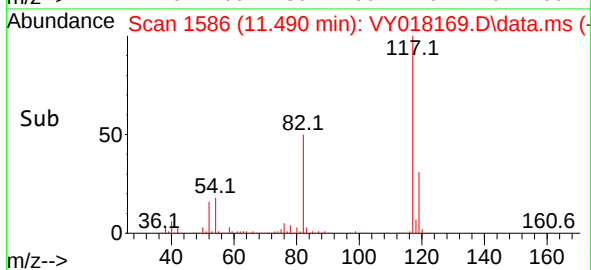
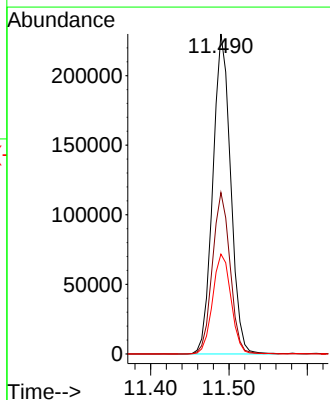
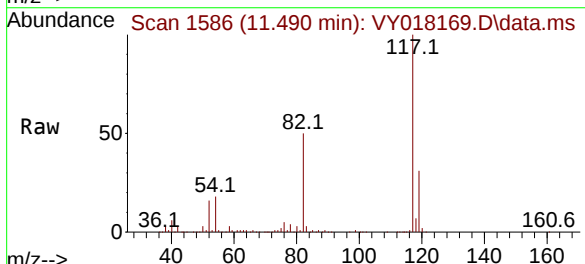
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

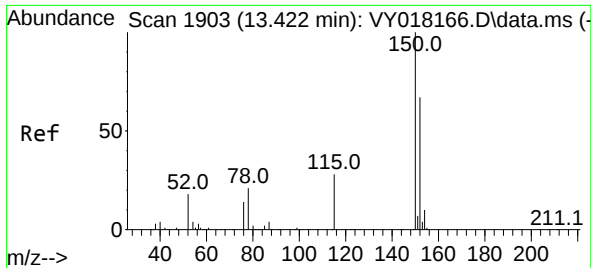
Tgt Ion: 95 Resp: 142474
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 83.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018169.D
Acq: 07 May 2024 12:37

Tgt Ion: 117 Resp: 363813
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018169.D

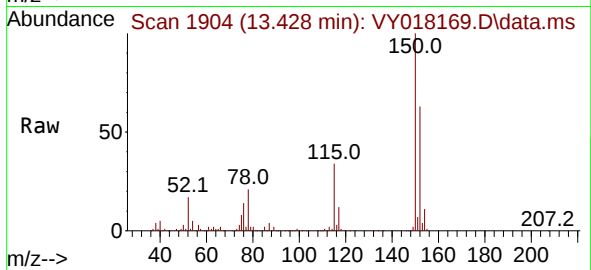
Acq: 07 May 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 142905

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 155.8 0.0 345.6

