

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018596.D
 Acq On : 14 Jun 2024 15:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 14 23:24:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

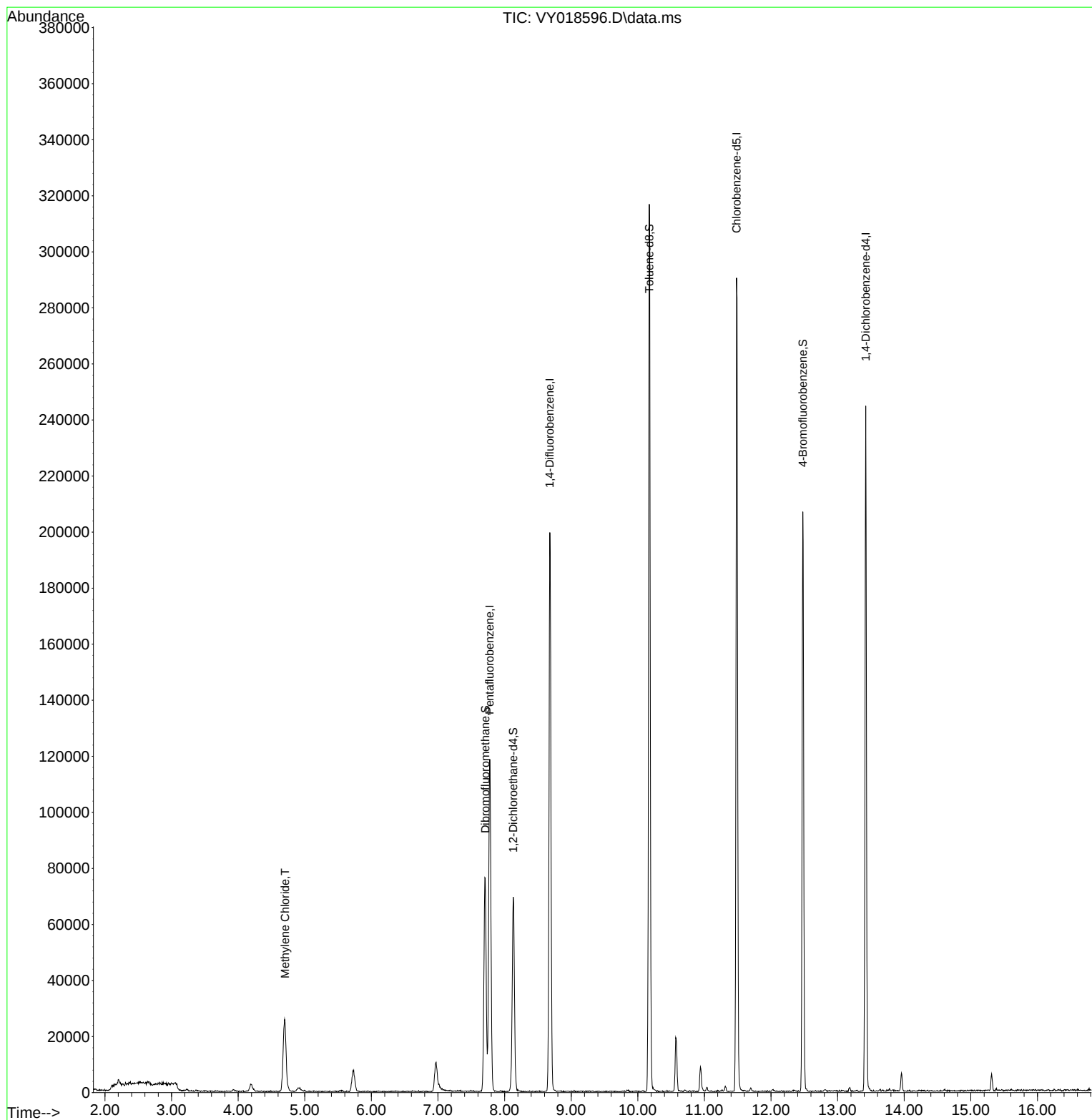
Internal Standards						
1) Pentafluorobenzene	7.777	168	90697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	174844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	158330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52110	57.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.140%	
35) Dibromofluoromethane	7.710	113	54171	50.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.173	98	206341	50.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.477	95	57400	44.318	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	19478	9.811	ug/l #	91

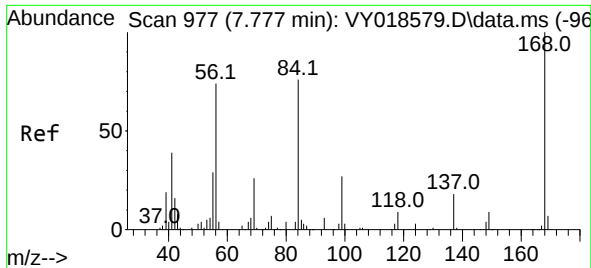
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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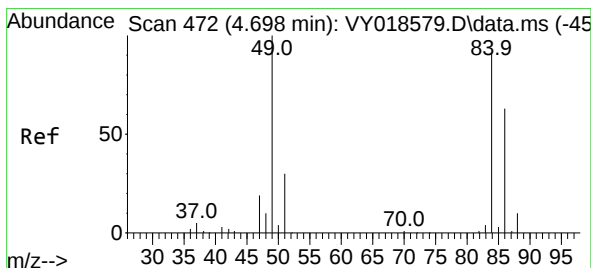
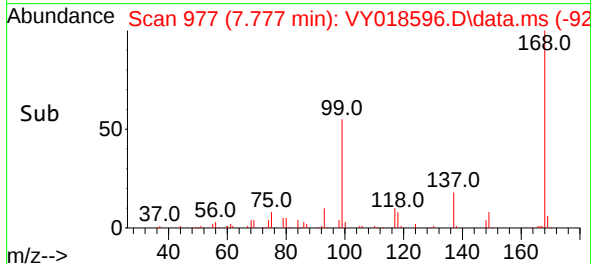
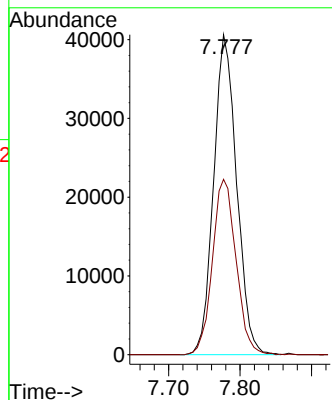
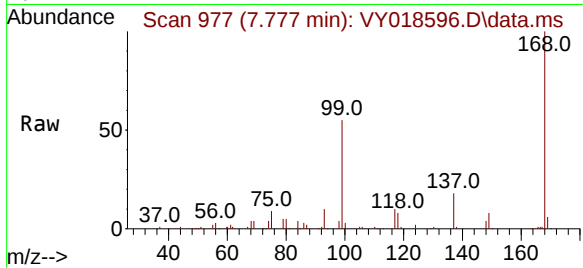




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

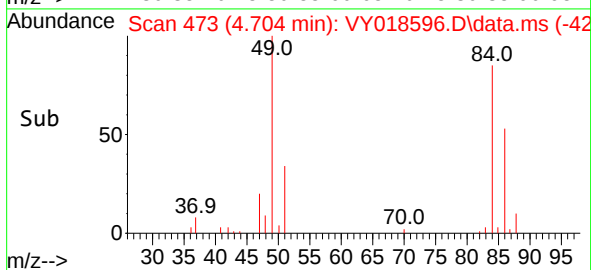
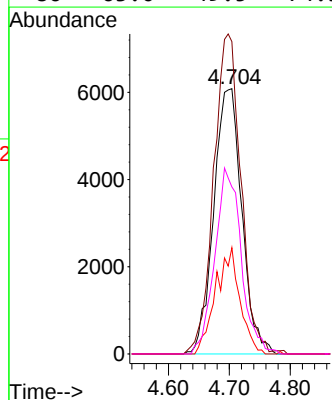
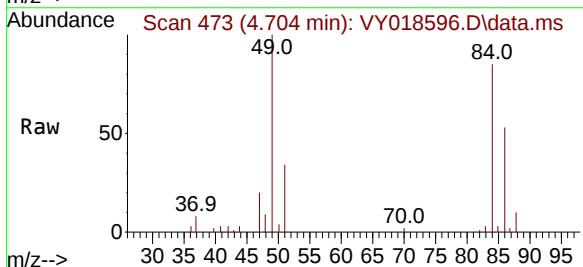
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

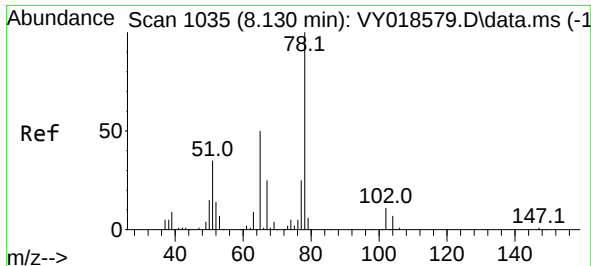
Tgt Ion:168 Resp: 90697
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.811 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 84 Resp: 19478
Ion Ratio Lower Upper
84 100
49 117.8 84.4 126.6
51 40.0 26.0 39.0#
86 63.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.068 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

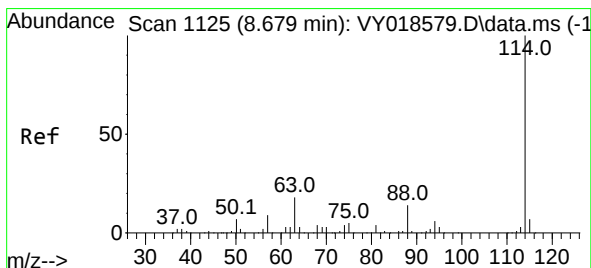
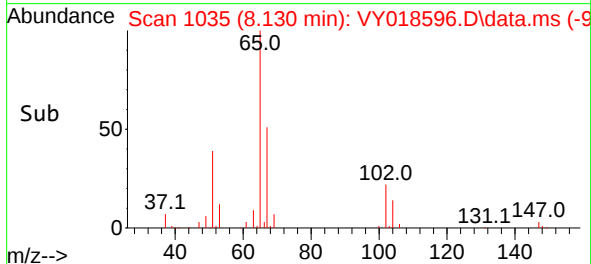
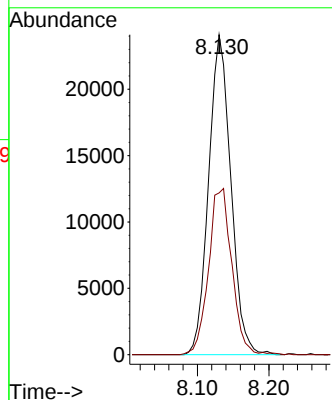
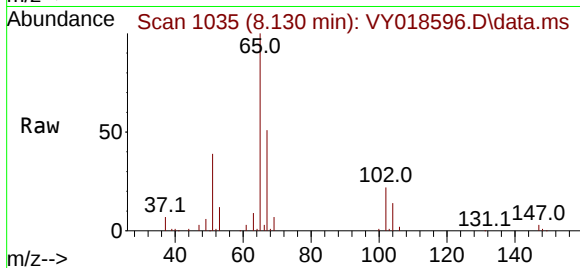
VIBLK

Tgt Ion: 65 Resp: 52110

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

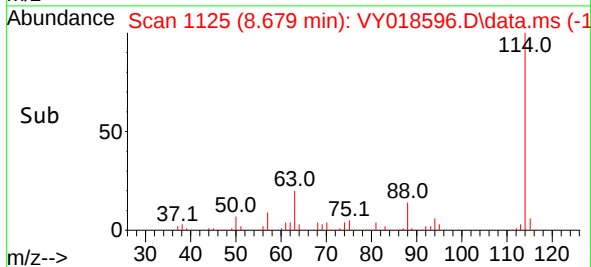
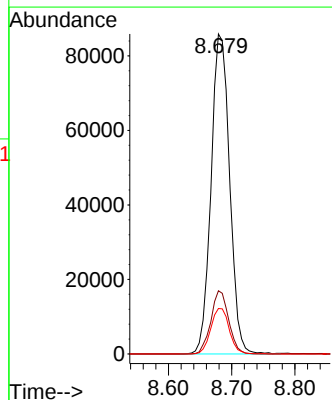
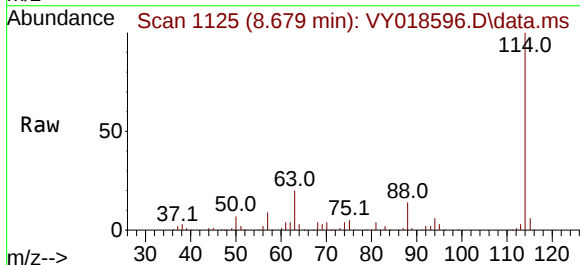
Tgt Ion: 114 Resp: 174844

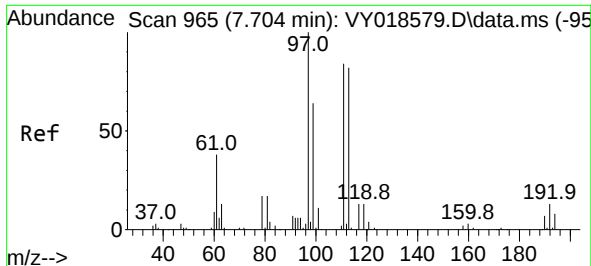
Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 14.2 0.0 27.2

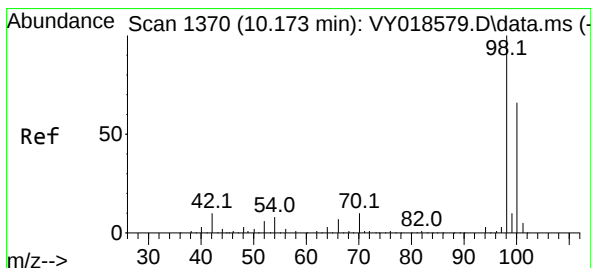
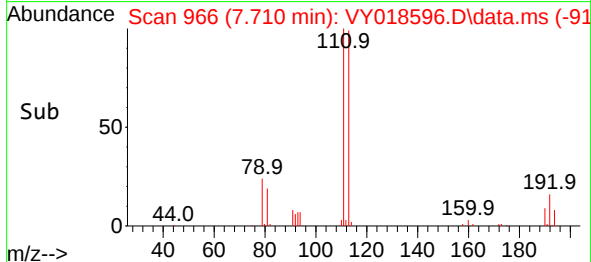
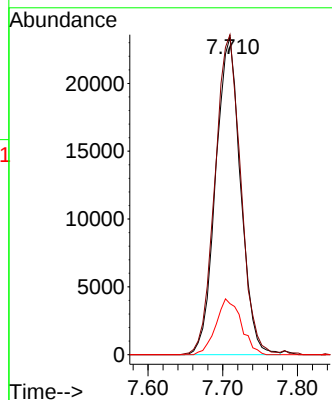
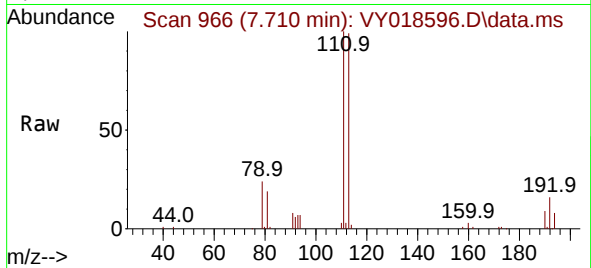




#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

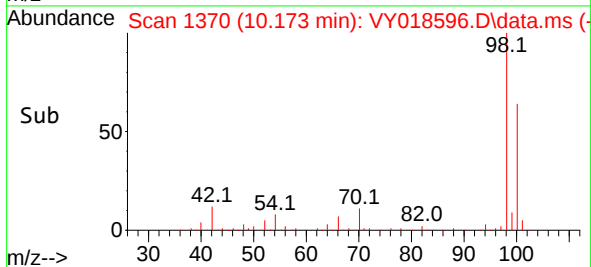
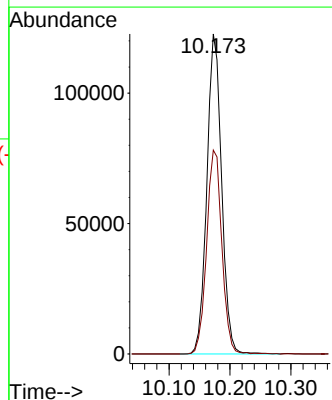
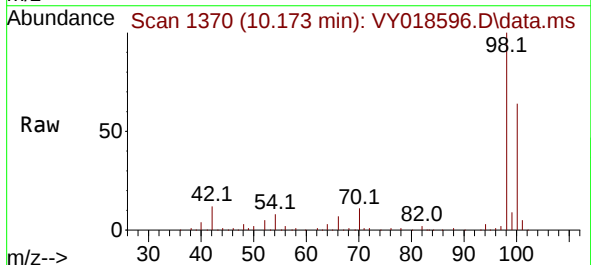
Instrument :
MSVOA_Y
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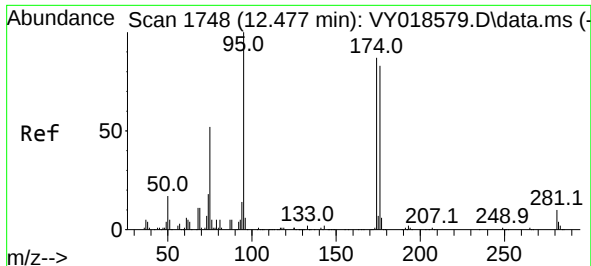
Tgt Ion:113 Resp: 54171
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.9 15.9 23.9



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 98 Resp: 206341
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

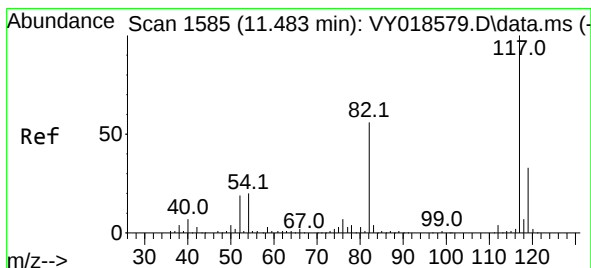
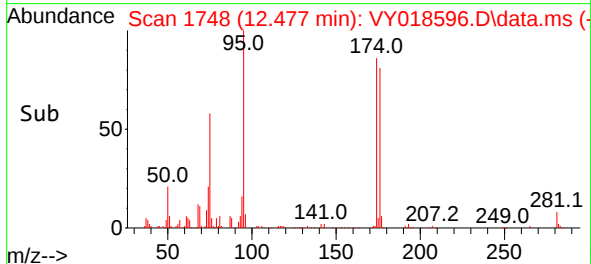
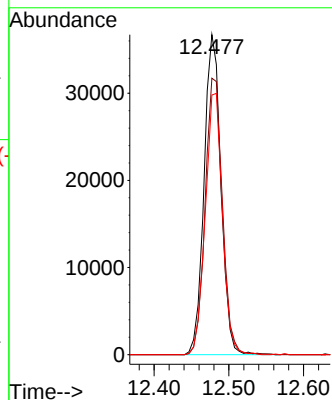
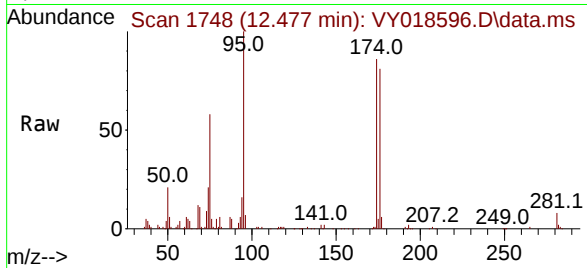




#62
4-Bromofluorobenzene
Concen: 44.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

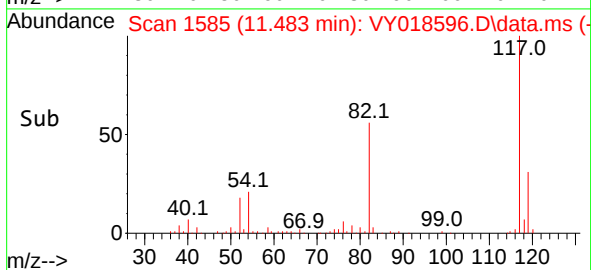
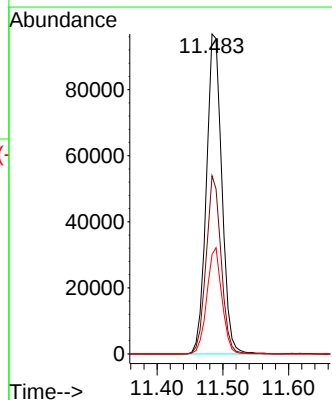
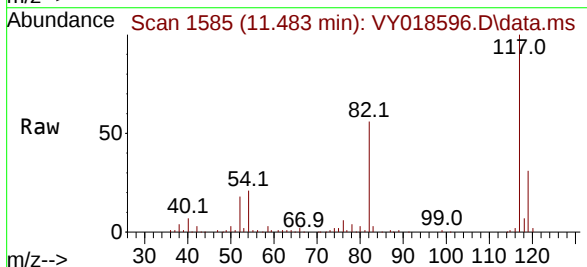
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

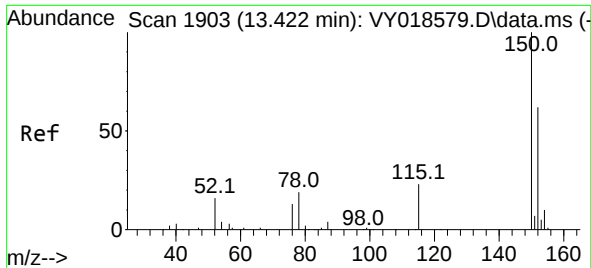
Tgt Ion: 95 Resp: 57400
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 83.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 117 Resp: 158330
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 31.1 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: VY018596.D

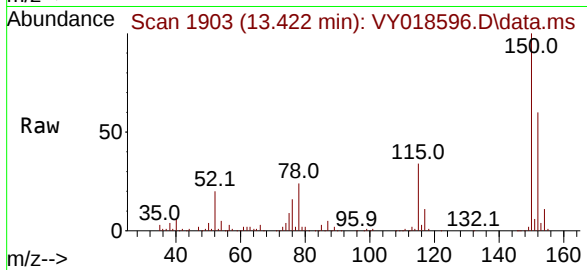
Acq: 14 Jun 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 59314

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 157.4 0.0 345.6

