

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017961.D
 Acq On : 17 Apr 2024 14:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 18 02:51:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

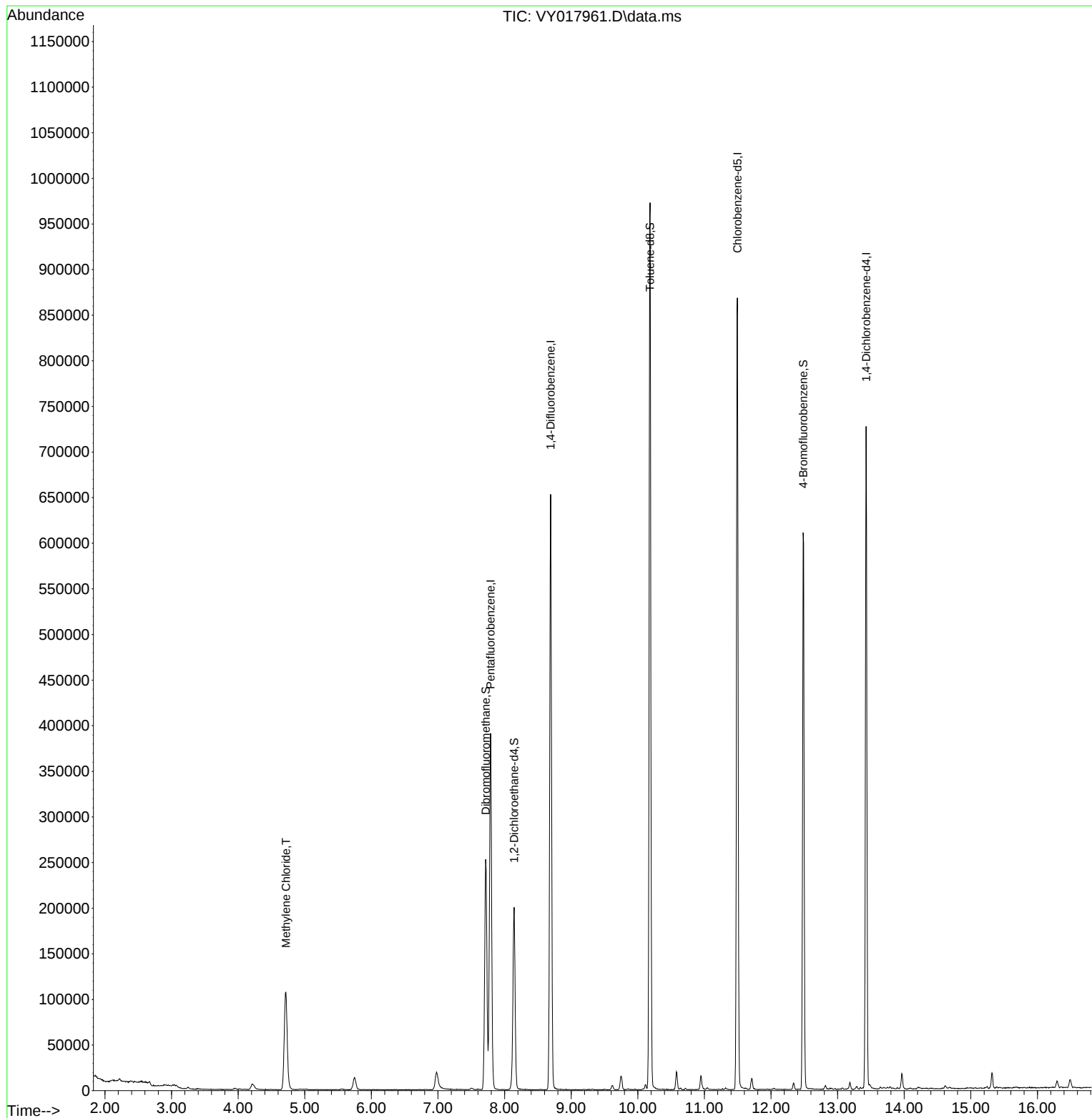
Internal Standards						
1) Pentafluorobenzene	7.789	168	317404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	575670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	512035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145768	53.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.140%	
35) Dibromofluoromethane	7.716	113	183275	51.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.185	98	669865	49.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.483	95	183378	43.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.880%	
Target Compounds						
20) Methylene Chloride	4.716	84	88480	24.064	ug/l	Qvalue 97

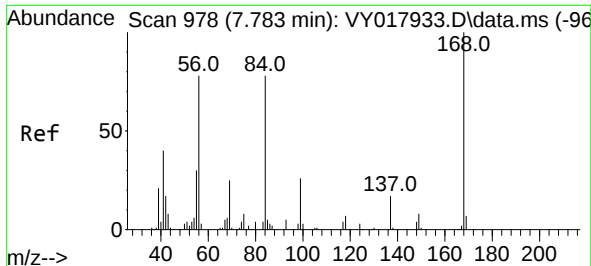
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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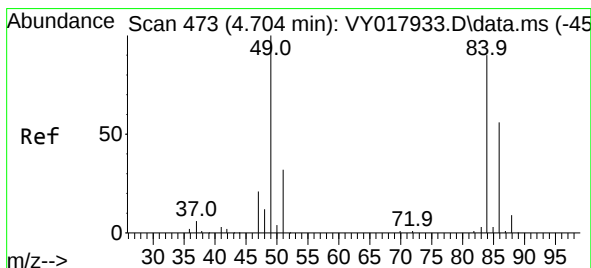
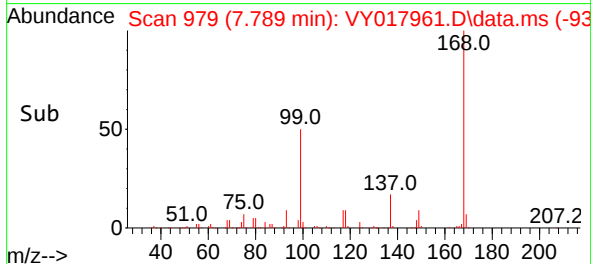
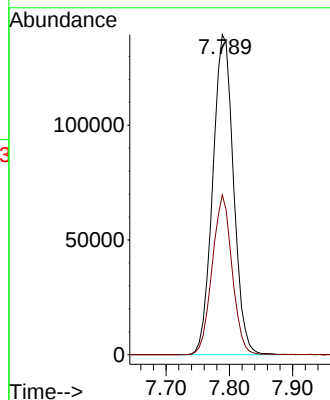
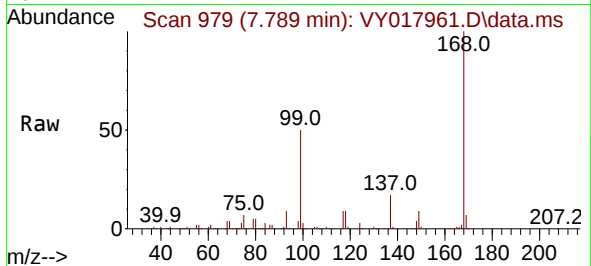




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

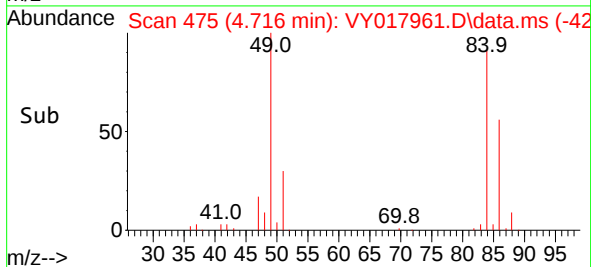
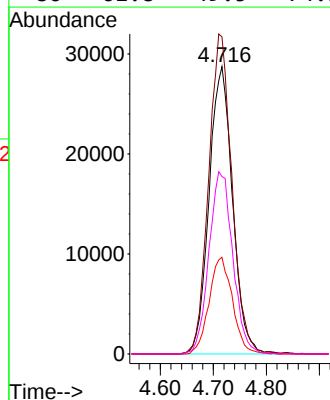
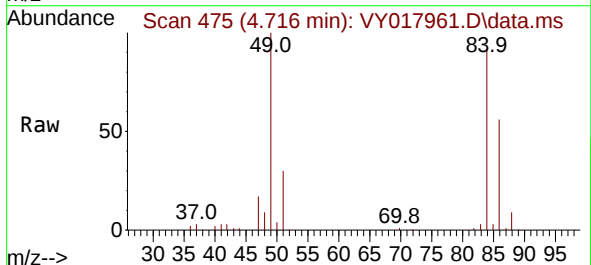
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

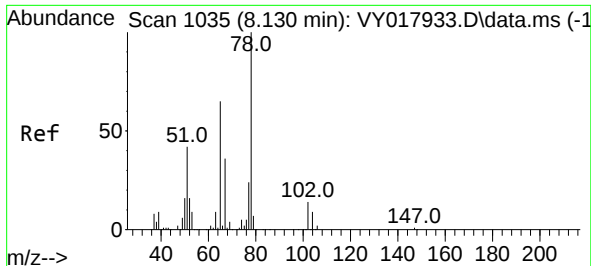
Tgt Ion:168 Resp: 317404
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#20
Methylene Chloride
Concen: 24.064 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

Tgt Ion: 84 Resp: 88480
Ion Ratio Lower Upper
84 100
49 110.4 84.4 126.6
51 33.6 26.0 39.0
86 61.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.070 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017961.D

Acq: 17 Apr 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

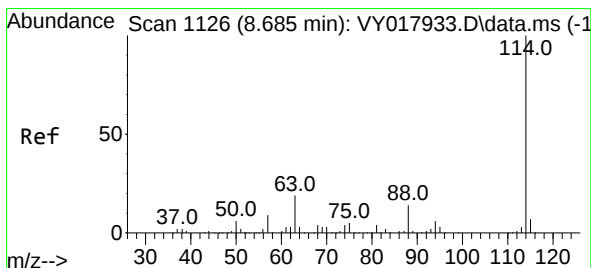
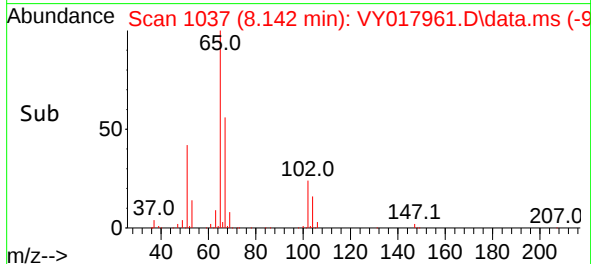
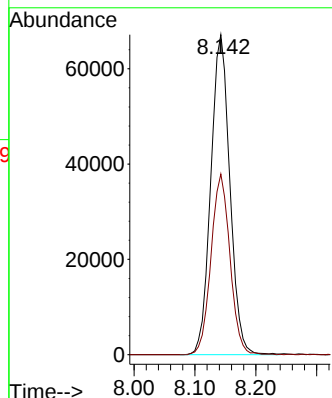
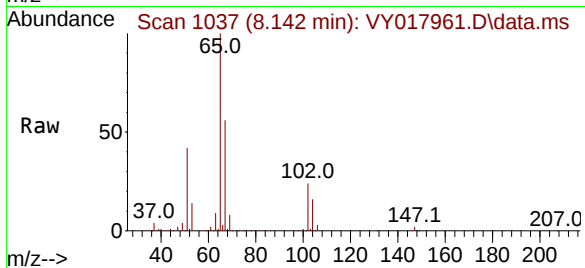
VIBLK

Tgt Ion: 65 Resp: 145768

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017961.D

Acq: 17 Apr 2024 14:33

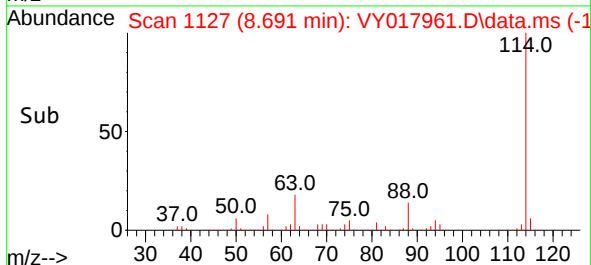
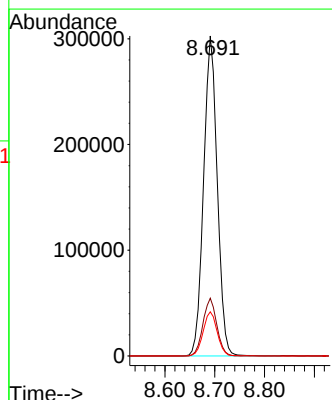
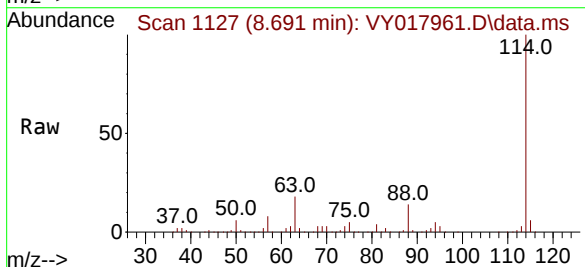
Tgt Ion:114 Resp: 575670

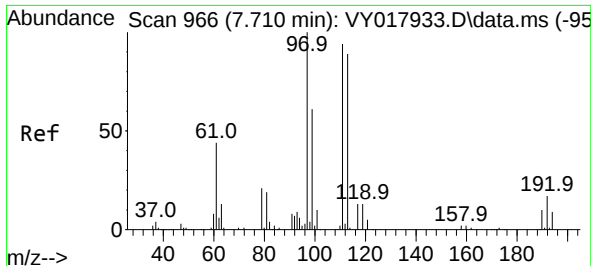
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.8 0.0 27.2

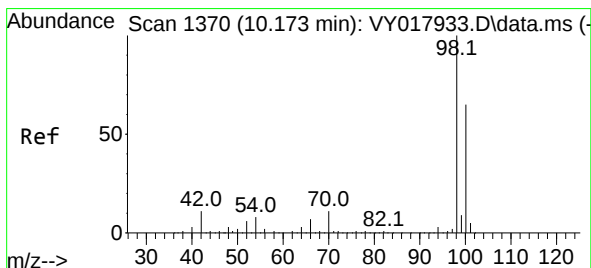
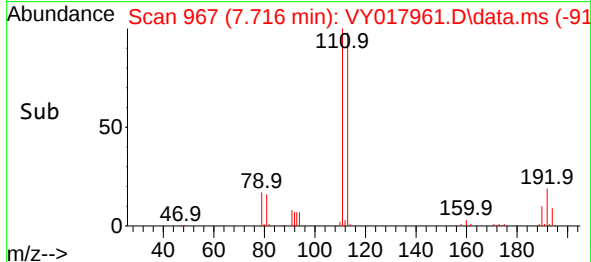
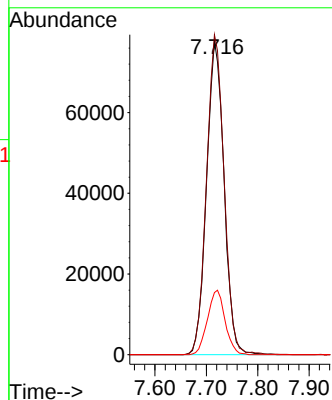
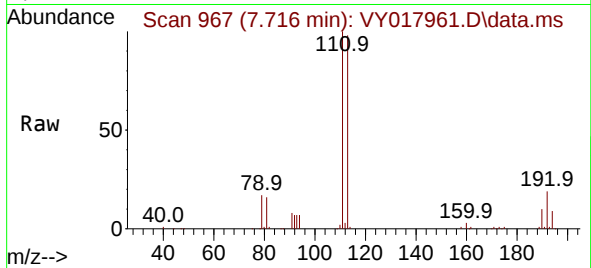




#35
Dibromofluoromethane
Concen: 51.604 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

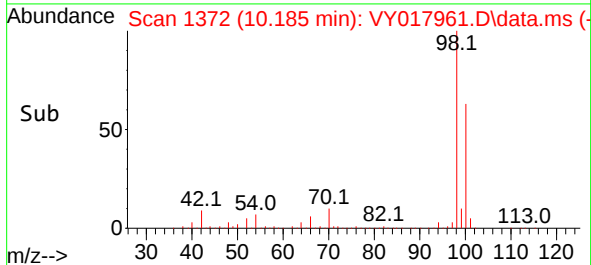
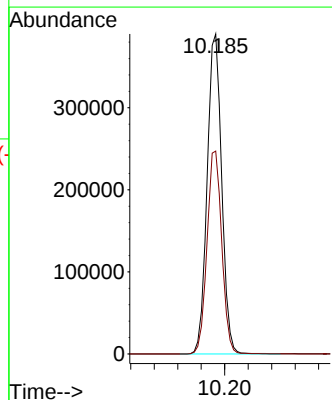
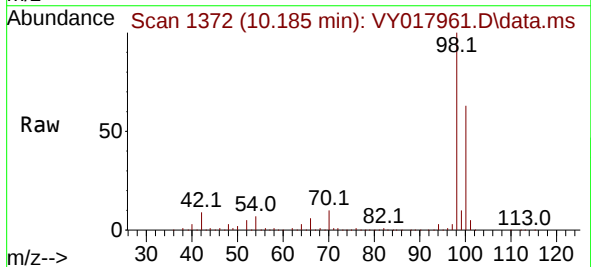
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

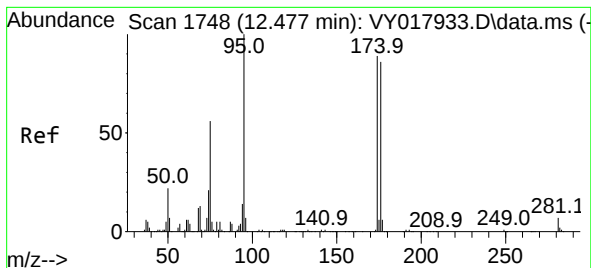
Tgt Ion:113 Resp: 183275
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

Tgt Ion: 98 Resp: 669865
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

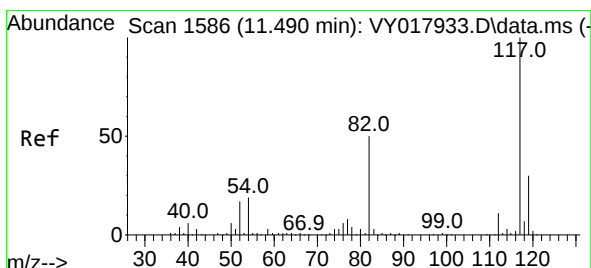
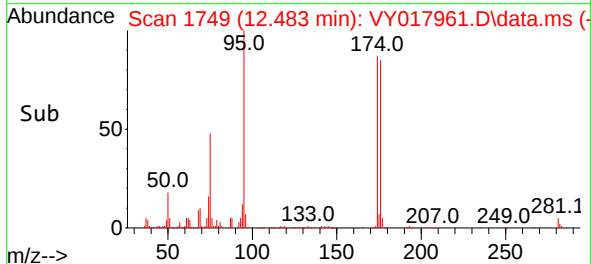
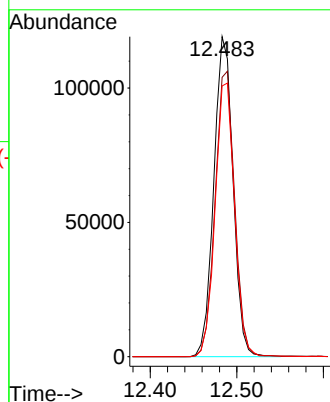
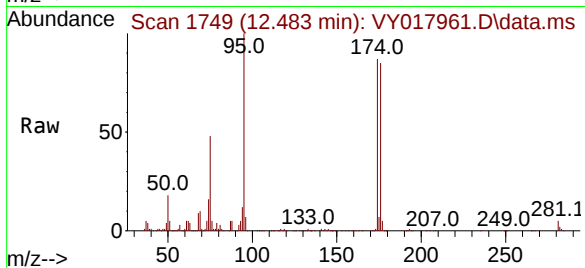




#62
4-Bromofluorobenzene
Concen: 43.937 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

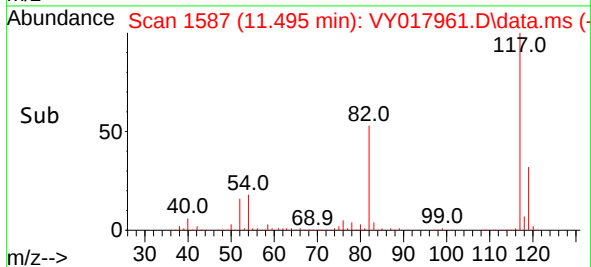
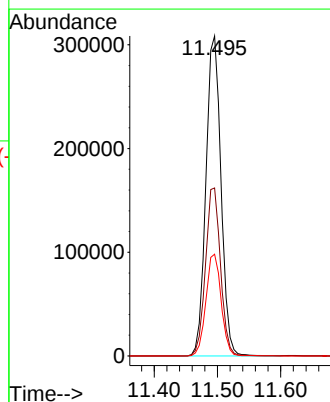
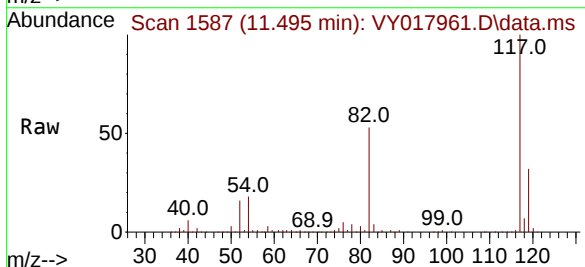
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

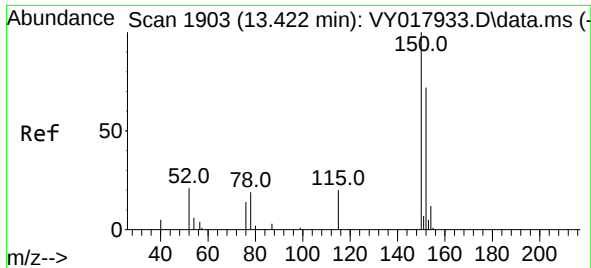
Tgt Ion: 95 Resp: 183378
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 86.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

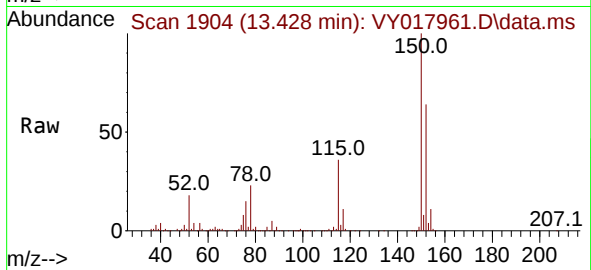
Tgt Ion: 117 Resp: 512035
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 31.8 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017961.D
Acq: 17 Apr 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:152 Resp: 195880
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 157.5 0.0 345.6

