

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017099.D
 Acq On : 24 Jan 2024 19:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 25 04:48:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	97753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	204339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	191873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	43827	46.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.734	113	47861	38.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.620%
50) Toluene-d8	10.197	98	179724	38.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.160%
62) 4-Bromofluorobenzene	12.495	95	56007	39.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.060%

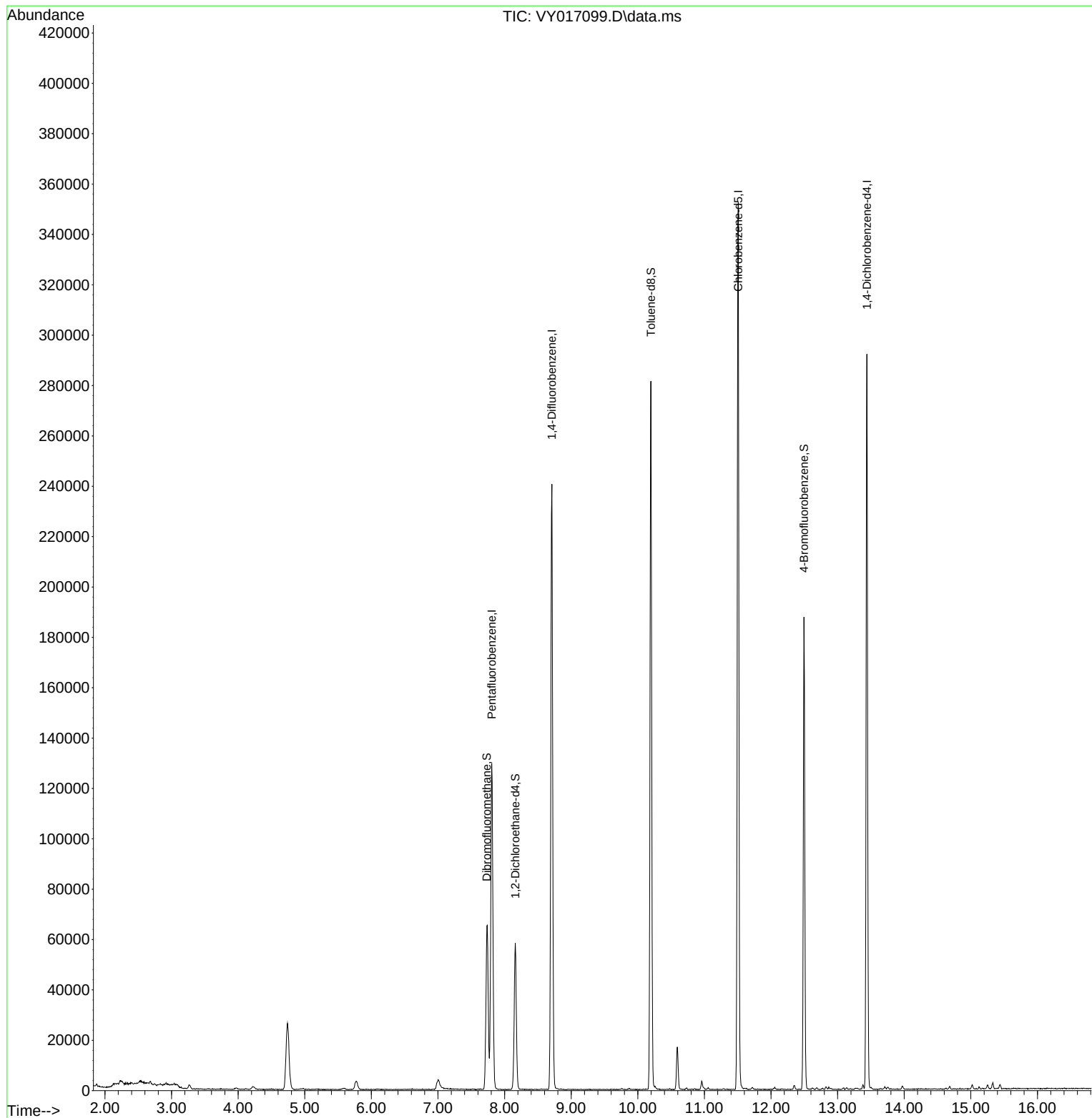
Target Compounds	Qvalue

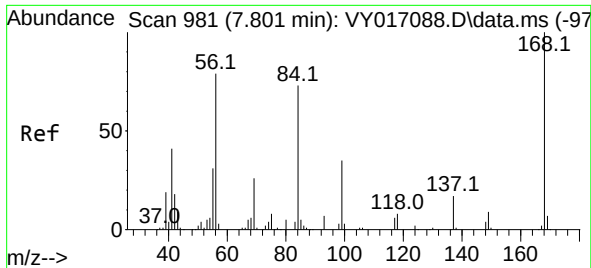
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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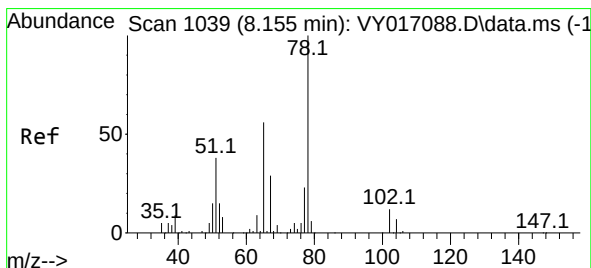
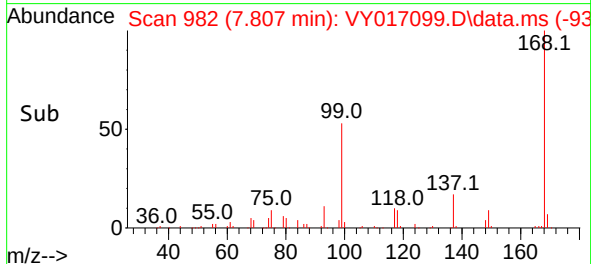
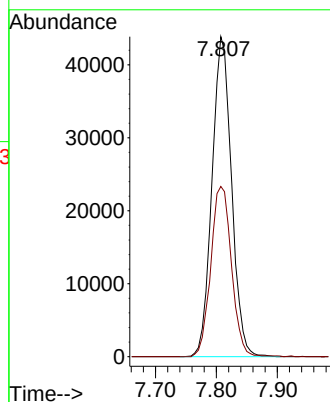
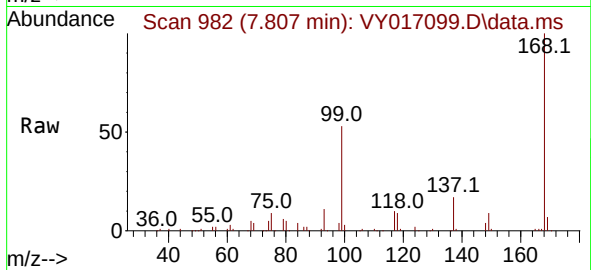




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

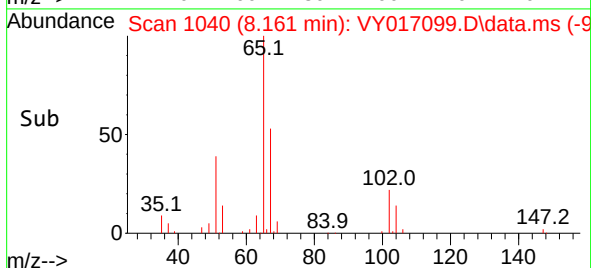
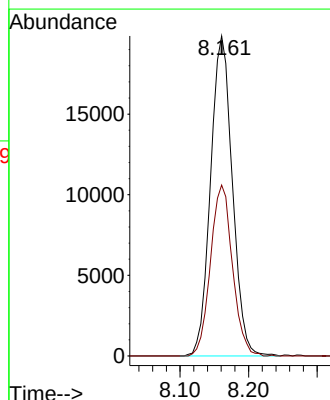
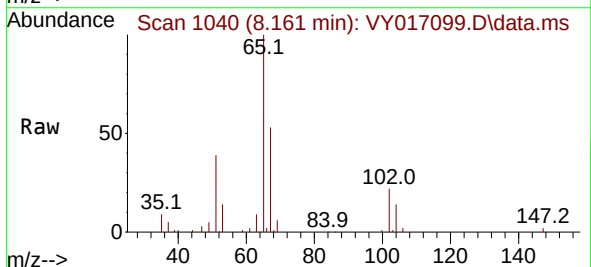
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

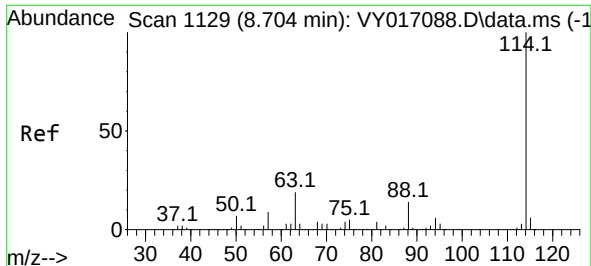
Tgt Ion:168 Resp: 97753
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.017 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

Tgt Ion: 65 Resp: 43827
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017099.D

Acq: 24 Jan 2024 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

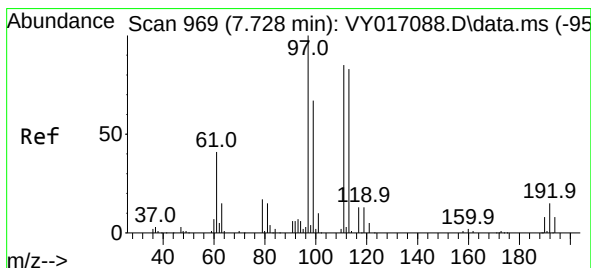
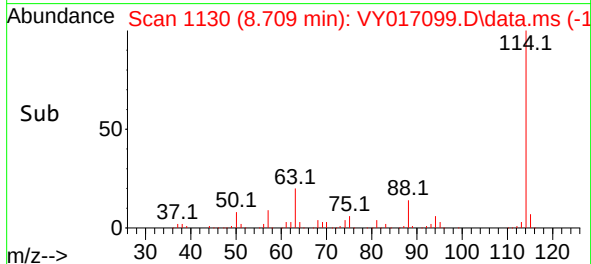
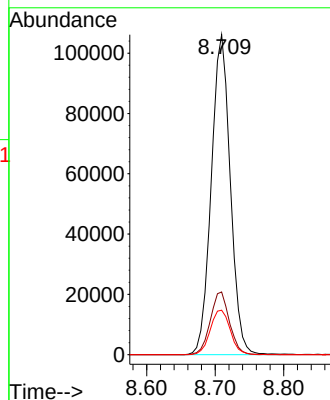
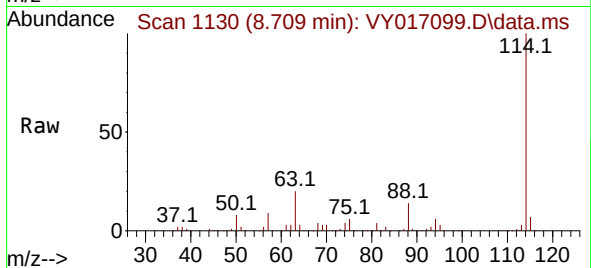
Tgt Ion:114 Resp: 204339

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.808 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017099.D

Acq: 24 Jan 2024 19:02

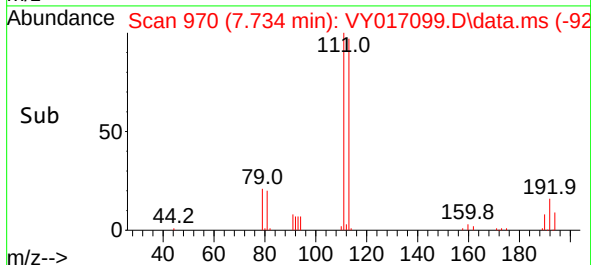
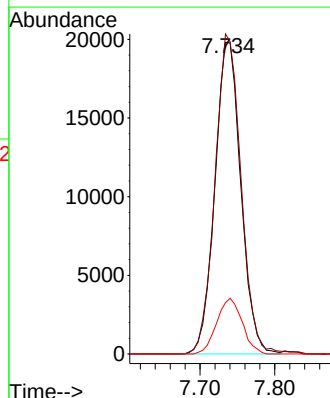
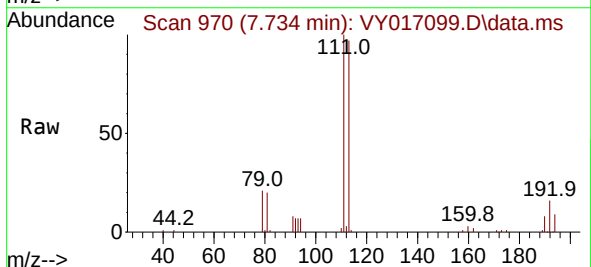
Tgt Ion:113 Resp: 47861

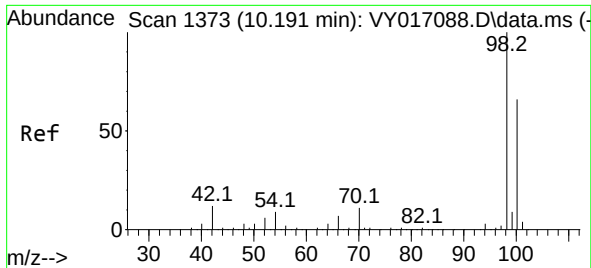
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.5 14.5 21.7

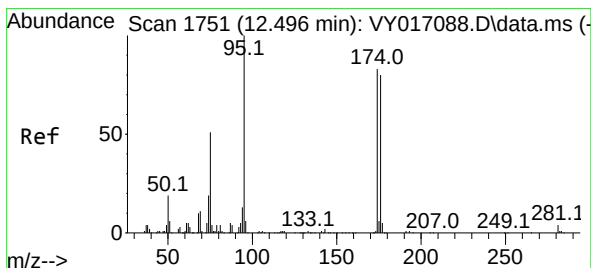
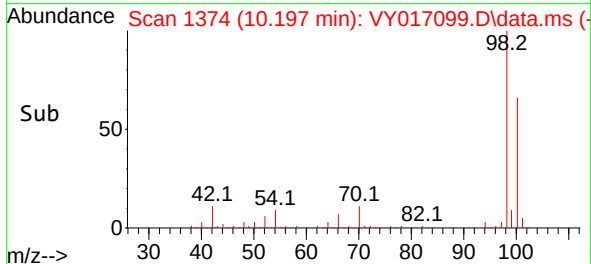
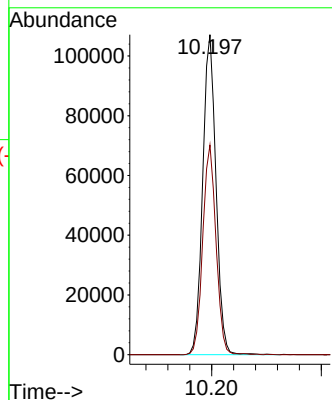
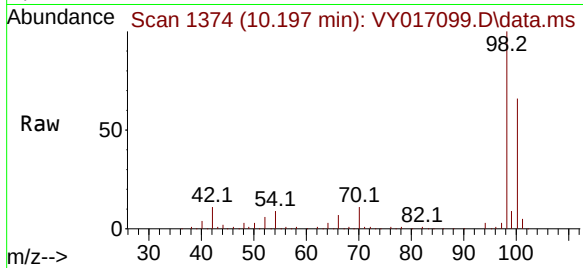




#50
Toluene-d8
Concen: 38.583 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

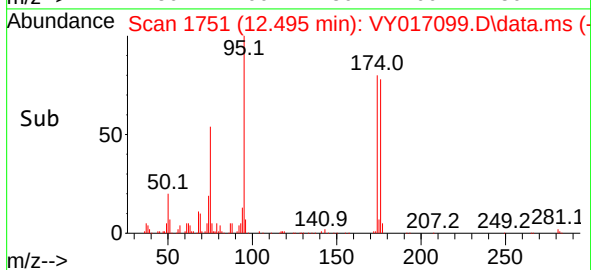
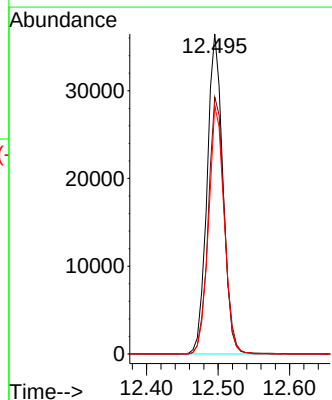
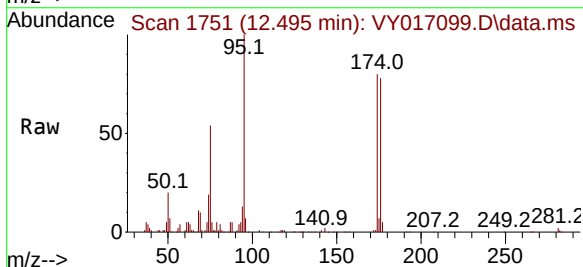
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

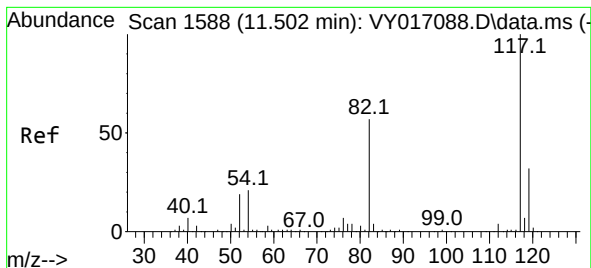
Tgt Ion: 98 Resp: 179724
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.030 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

Tgt Ion: 95 Resp: 56007
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.0
176 76.6 0.0 151.8

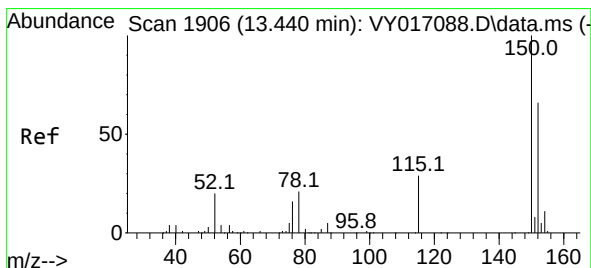
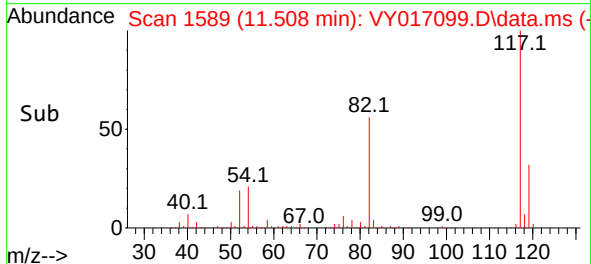
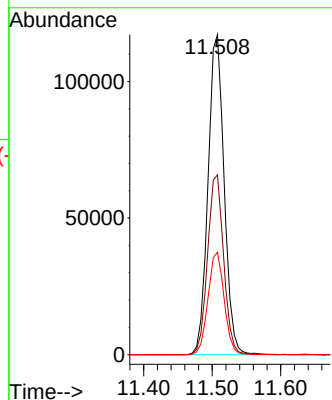
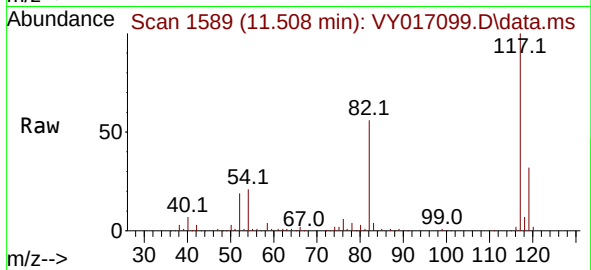




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 191873
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017099.D
Acq: 24 Jan 2024 19:02

Tgt Ion:152 Resp: 71680
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.4 0.0 344.6

