

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017591.D
 Acq On : 06 Mar 2024 15:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 07 02:08:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52801	56.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.716	113	54155	47.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.185	98	181279	45.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.489	95	44285	35.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.600%

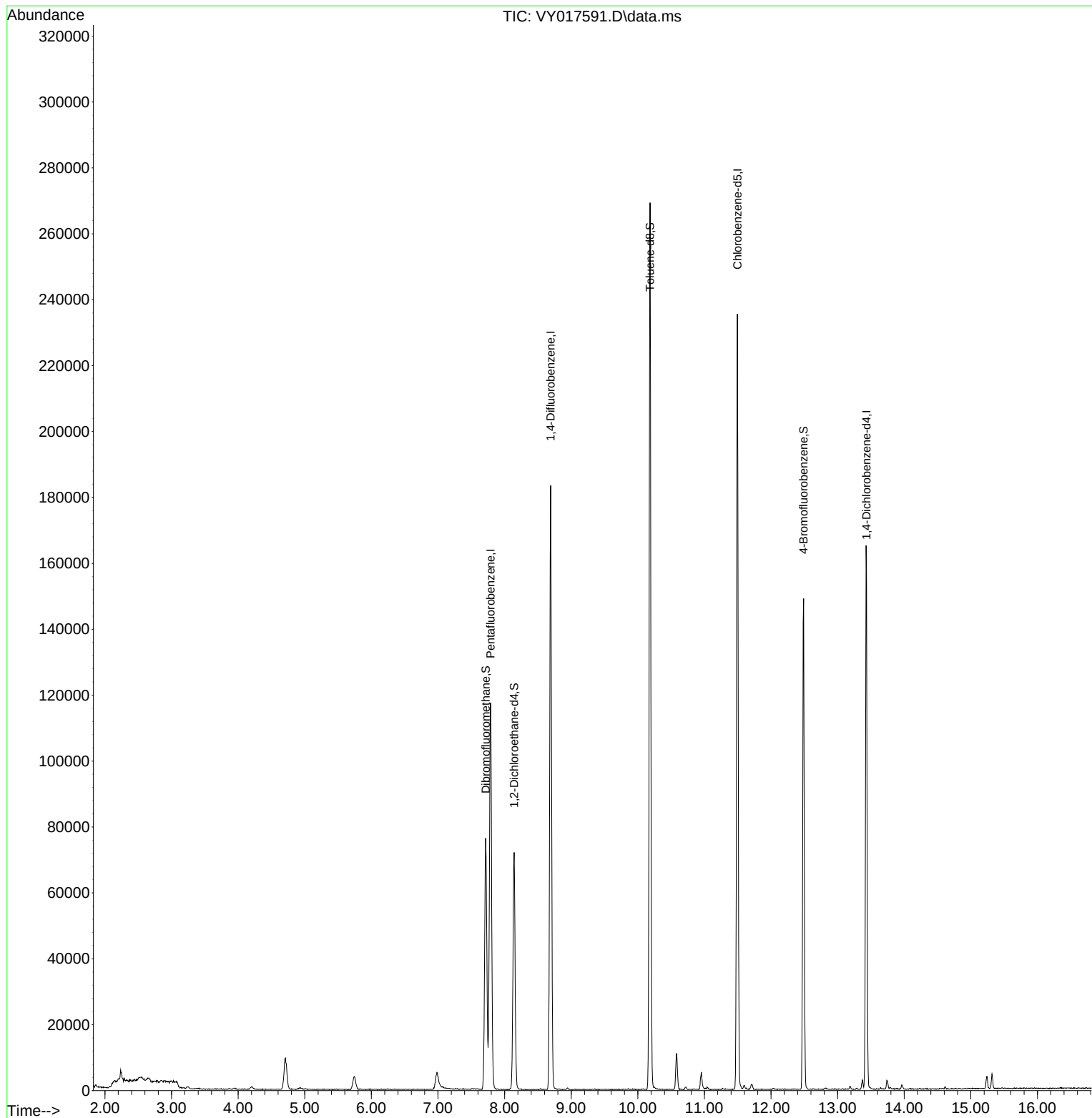
Target Compounds	Qvalue

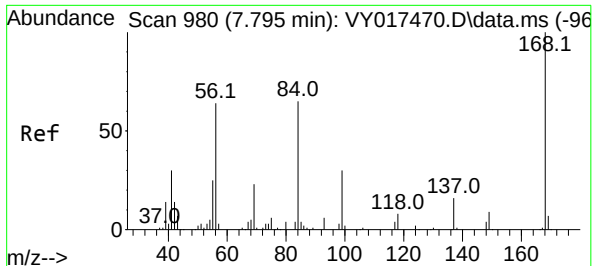
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
Data File : VY017591.D
Acq On : 06 Mar 2024 15:01
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Mar 07 02:08:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

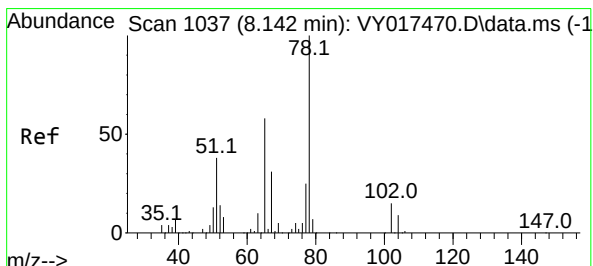
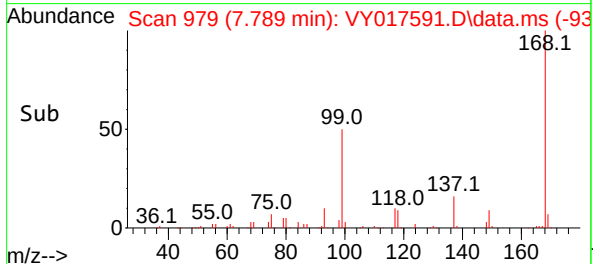
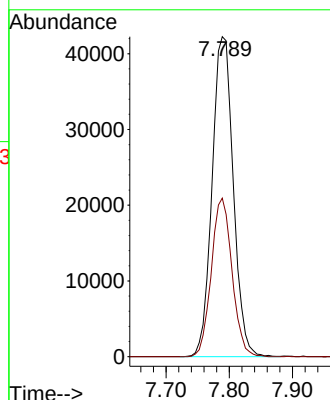
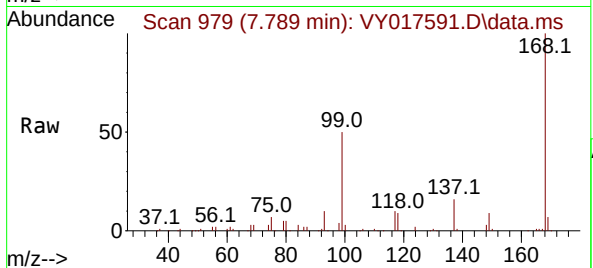




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

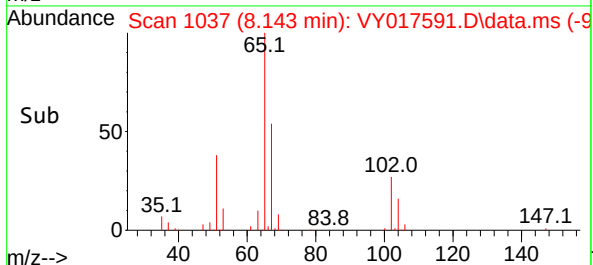
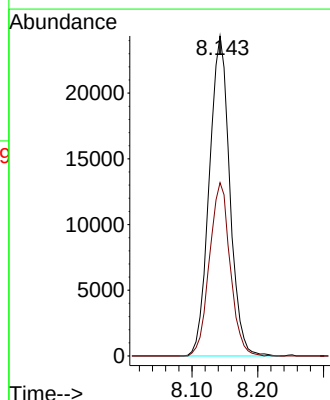
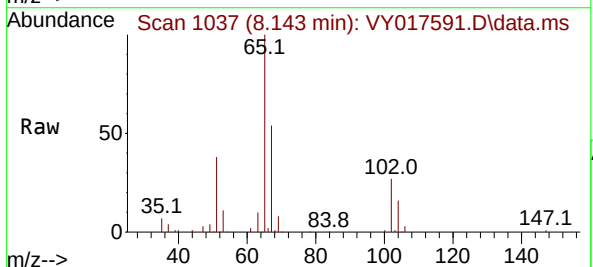
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

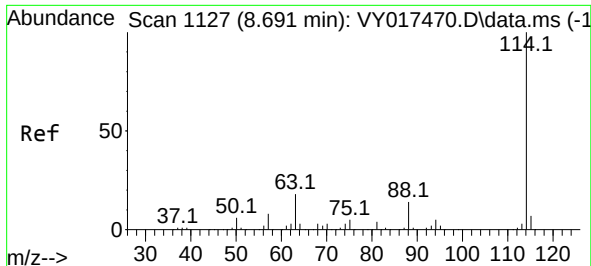
Tgt Ion:168 Resp: 98363
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.640 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 65 Resp: 52801
Ion Ratio Lower Upper
65 100
67 54.6 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: VY017591.D

Acq: 06 Mar 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

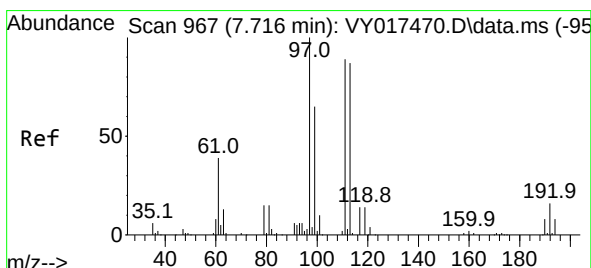
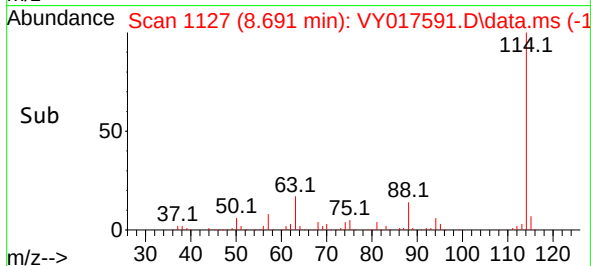
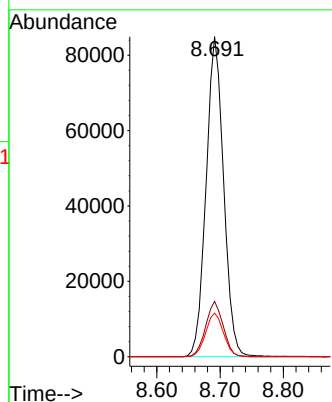
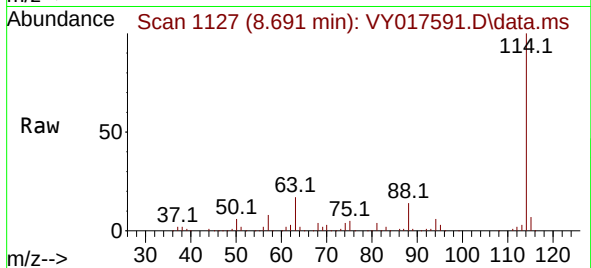
Tgt Ion:114 Resp: 163850

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.431 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

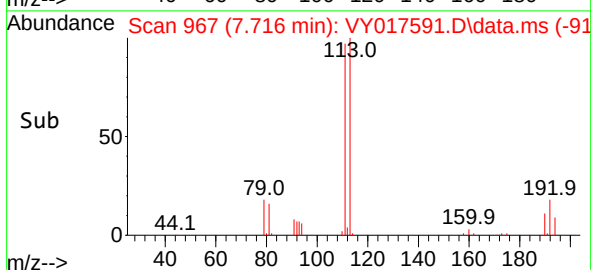
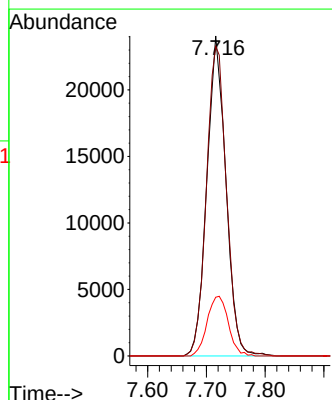
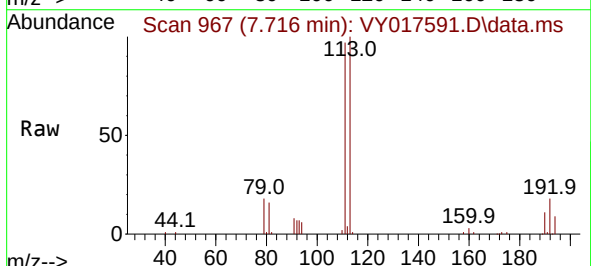
Tgt Ion:113 Resp: 54155

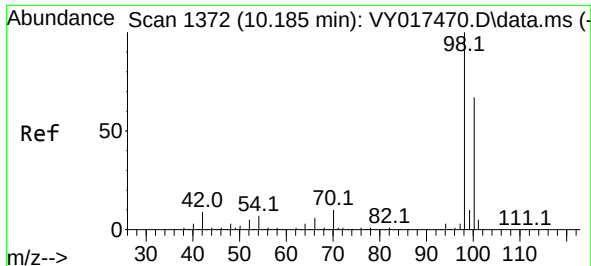
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.7 15.9 23.9

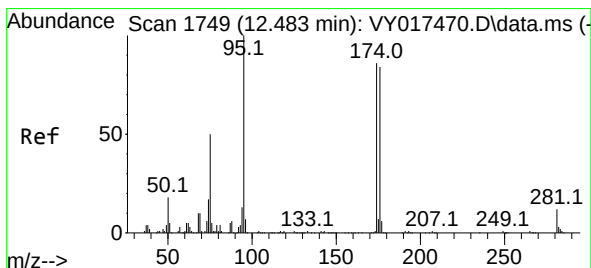
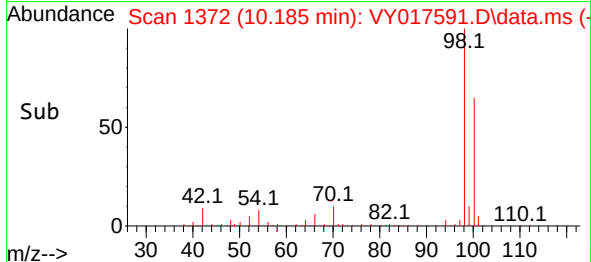
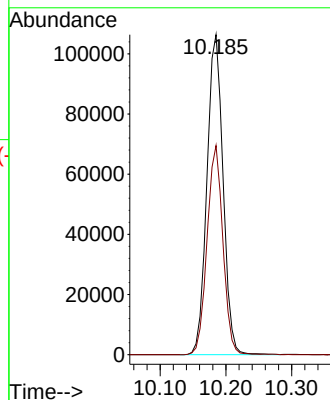
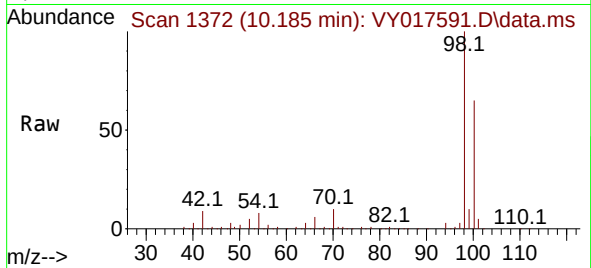




#50
Toluene-d8
Concen: 45.410 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

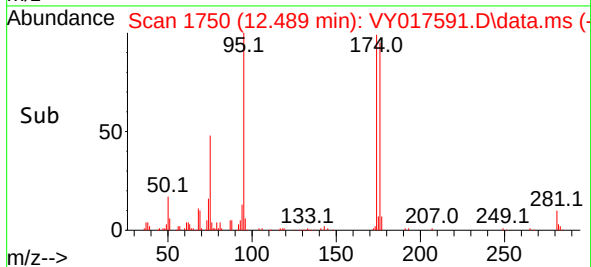
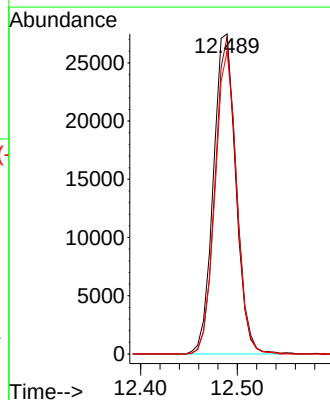
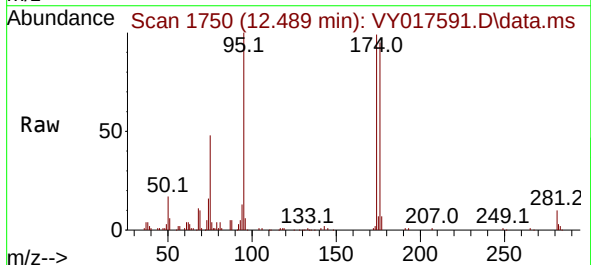
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

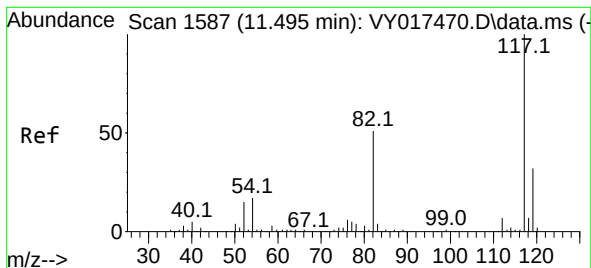
Tgt Ion: 98 Resp: 181279
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.299 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017591.D
Acq: 06 Mar 2024 15:01

Tgt Ion: 95 Resp: 44285
Ion Ratio Lower Upper
95 100
174 94.5 0.0 175.6
176 90.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

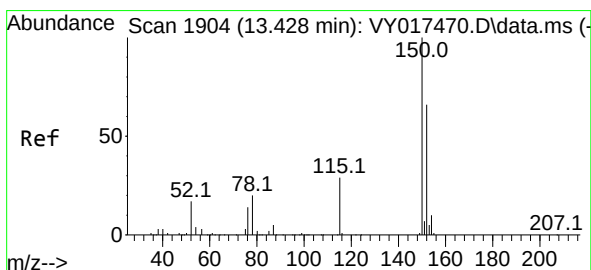
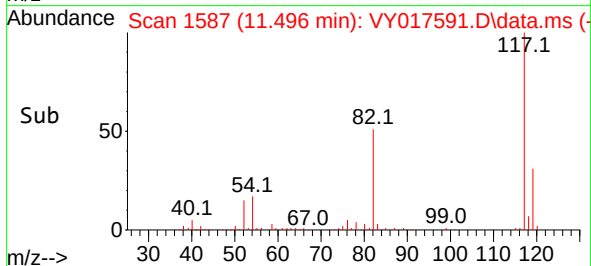
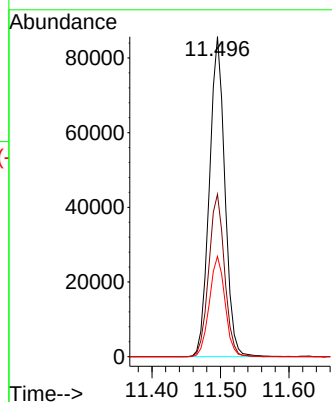
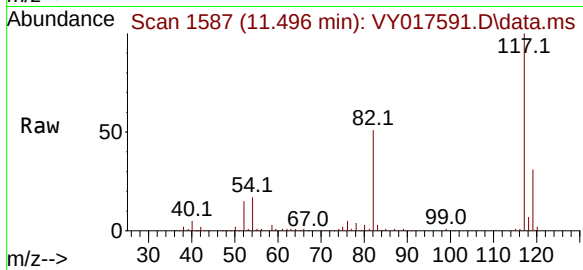
Tgt Ion:117 Resp: 134956

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017591.D

Acq: 06 Mar 2024 15:01

Tgt Ion:152 Resp: 46422

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 155.4 0.0 345.6

