

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017320.D
 Acq On : 08 Feb 2024 18:10
 Operator : SY/MD
 Sample : P1391-41
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-5

Quant Time: Feb 09 00:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	66632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	105500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	37742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31063	52.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.716	113	31609	47.780	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.185	98	109806	45.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.489	95	28589	36.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.460%

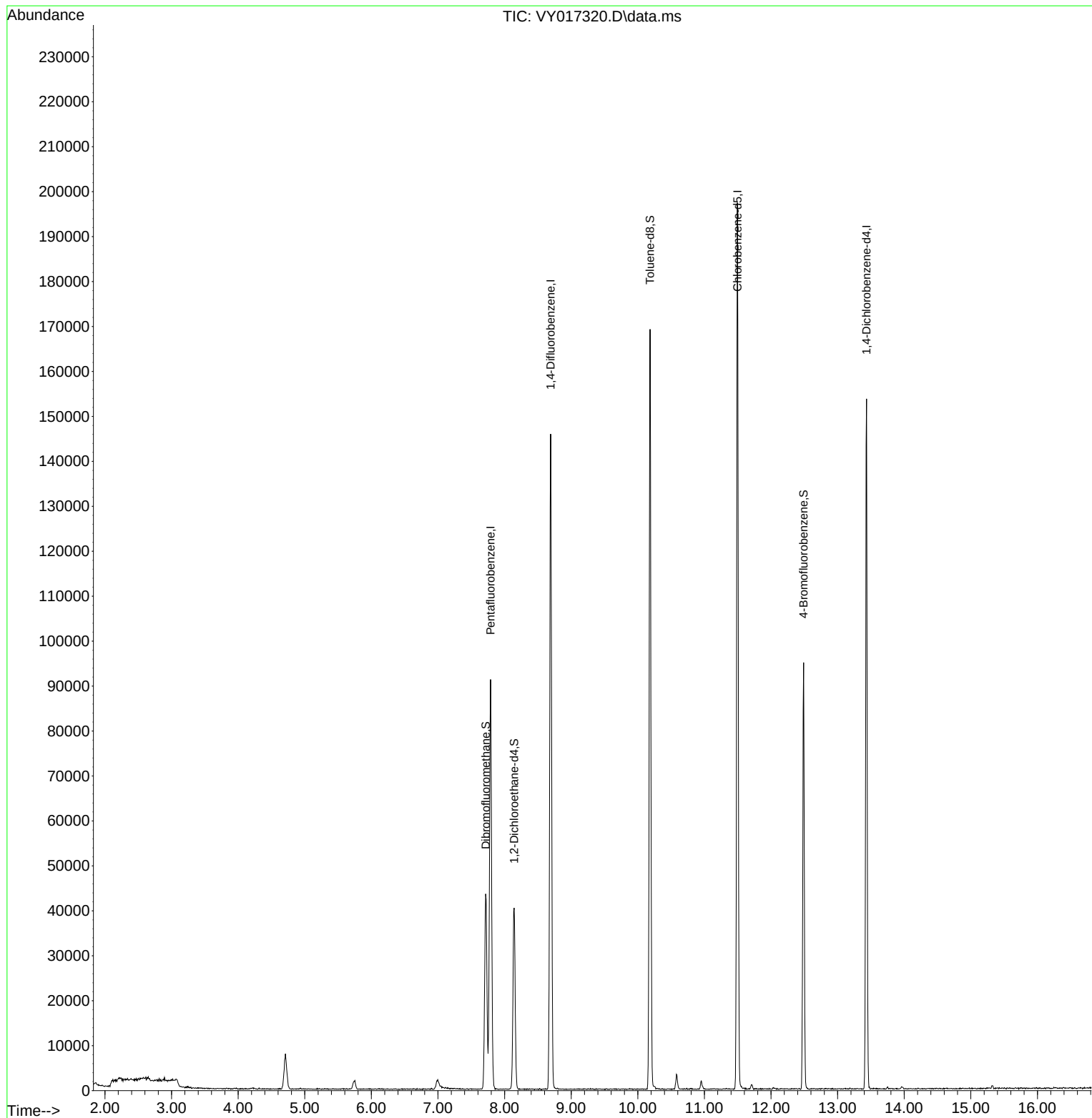
Target Compounds	Qvalue

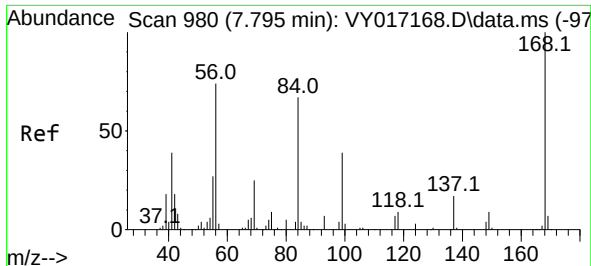
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017320.D
Acq On : 08 Feb 2024 18:10
Operator : SY/MD
Sample : P1391-41
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Quant Time: Feb 09 00:15:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

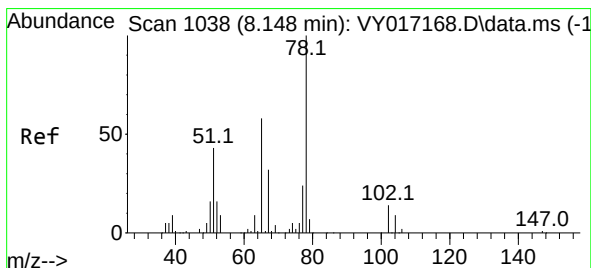
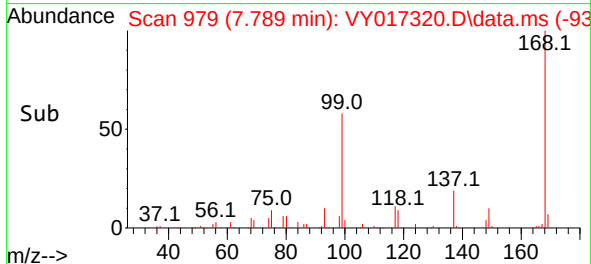
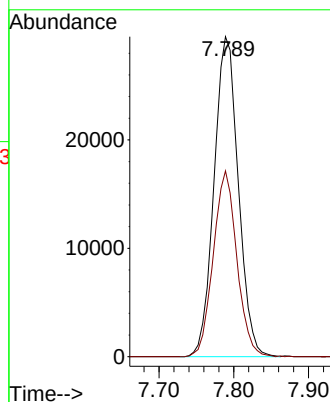
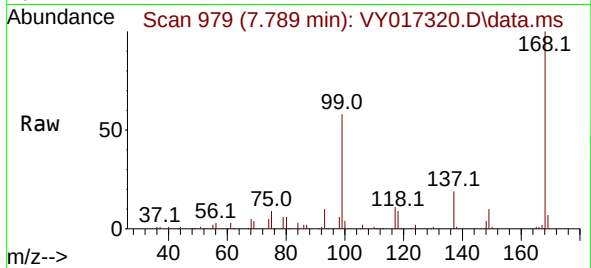




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

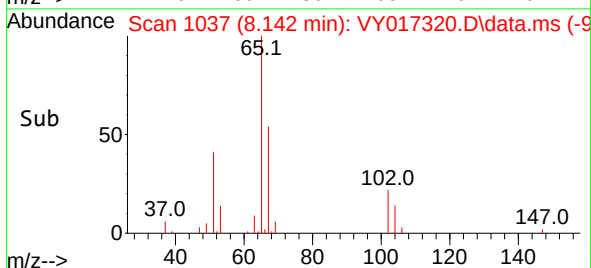
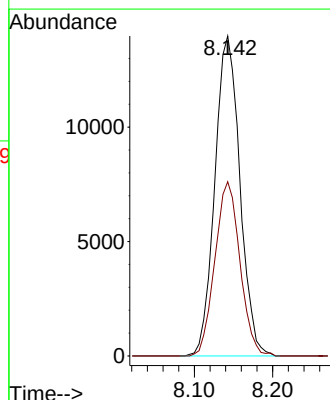
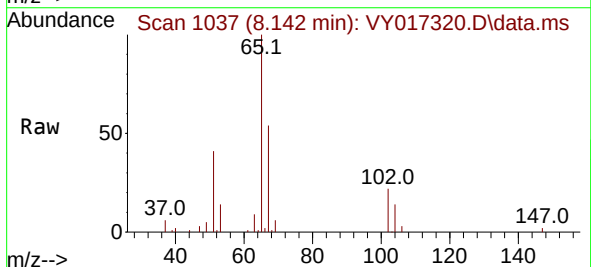
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

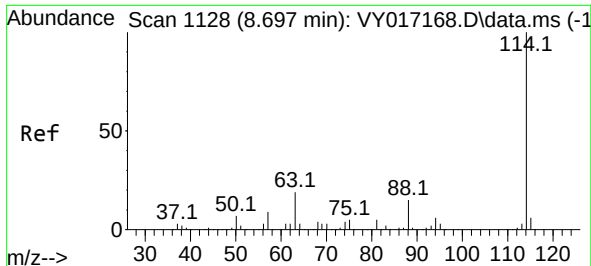
Tgt Ion:168 Resp: 66632
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.185 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 65 Resp: 31063
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

SP-5

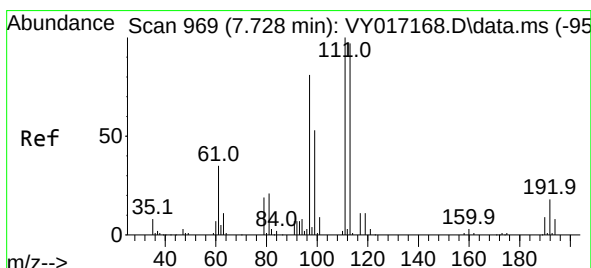
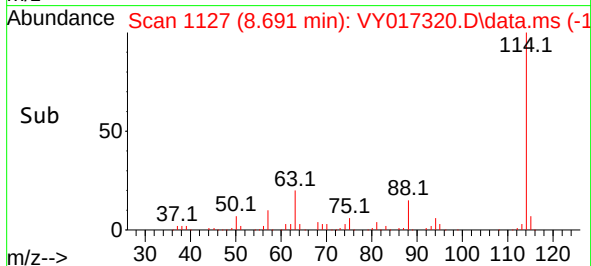
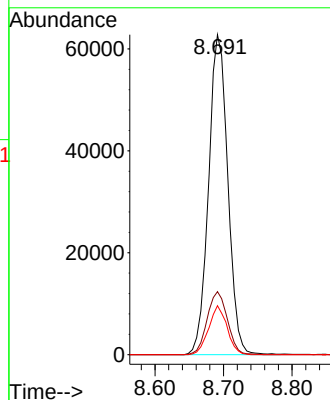
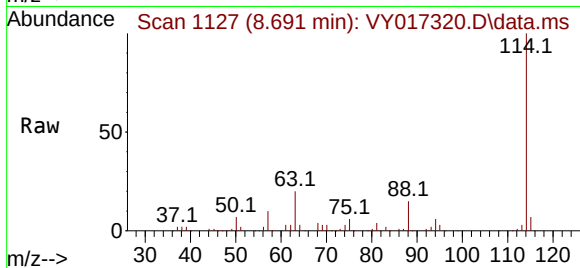
Tgt Ion:114 Resp: 122524

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.780 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

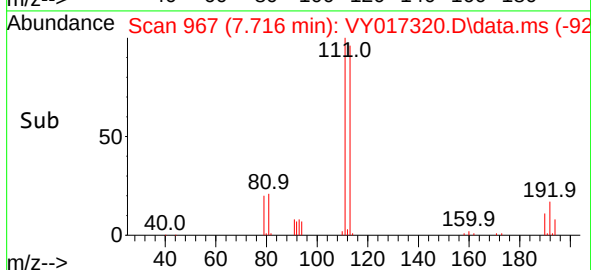
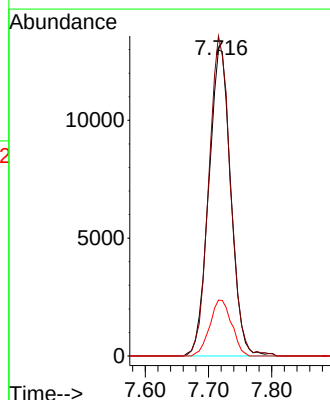
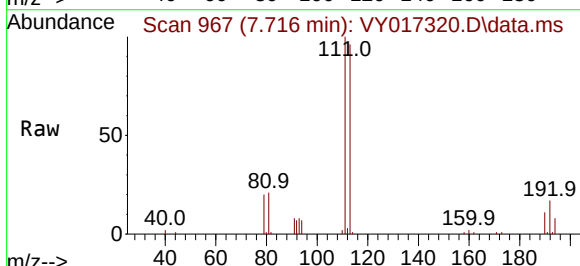
Tgt Ion:113 Resp: 31609

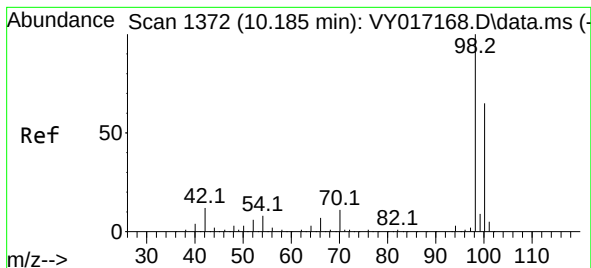
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 45.588 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

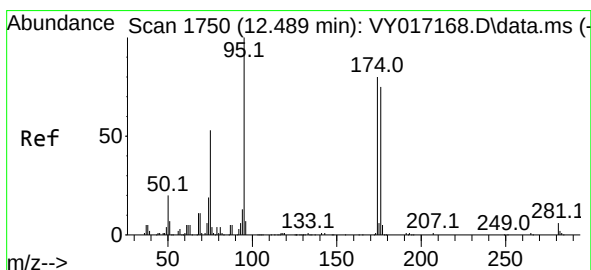
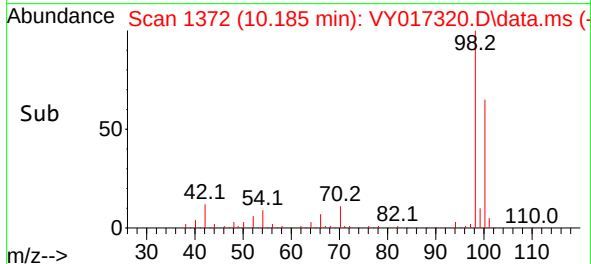
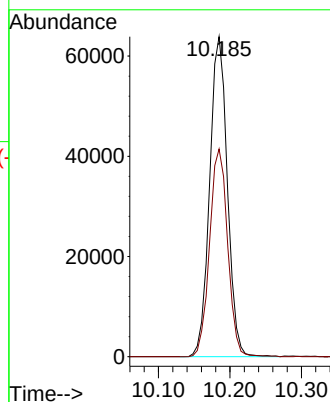
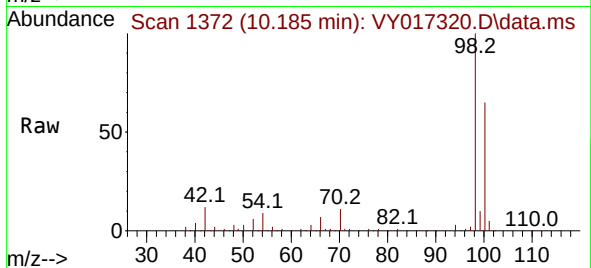
SP-5

Tgt Ion: 98 Resp: 109806

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.233 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

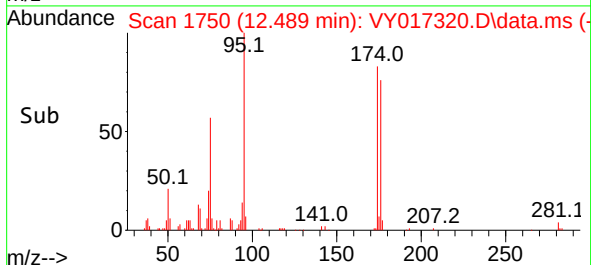
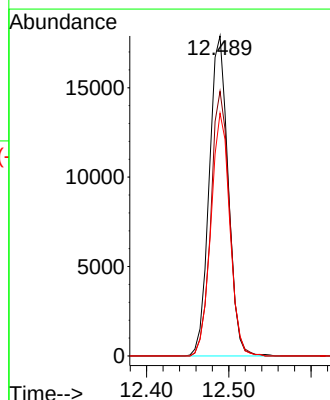
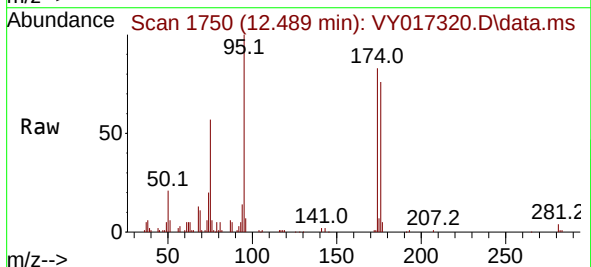
Tgt Ion: 95 Resp: 28589

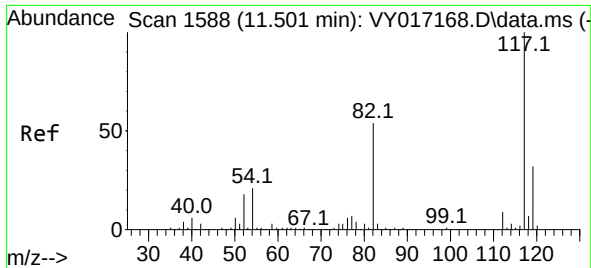
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.0

176 75.8 0.0 151.8

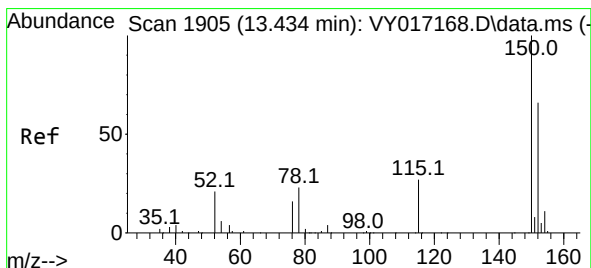
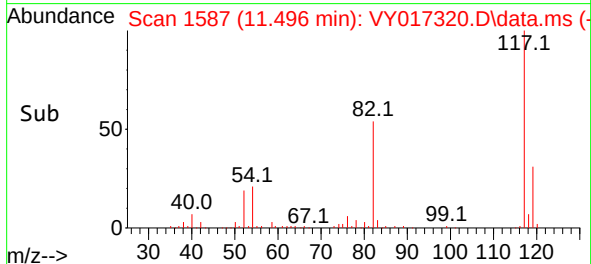
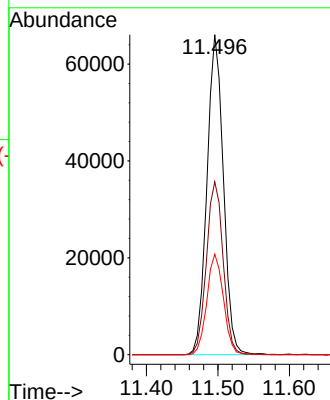
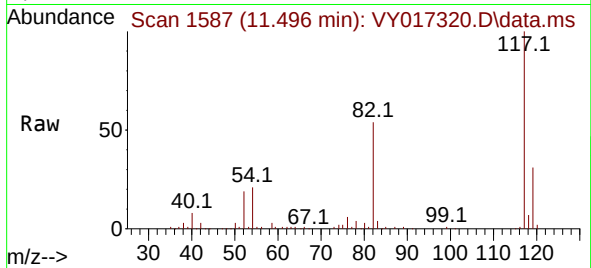




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion:117 Resp: 105500
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 31.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Tgt Ion:152 Resp: 37742
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 160.3 0.0 344.6

