

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017317.D
 Acq On : 08 Feb 2024 16:58
 Operator : SY/MD
 Sample : P1391-21RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3RE

Quant Time: Feb 09 00:14:38 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	26517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	31454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8763	36.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.980%
35) Dibromofluoromethane	7.722	113	10169	44.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.260%
50) Toluene-d8	10.185	98	36099	43.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.060%
62) 4-Bromofluorobenzene	12.489	95	7016	25.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.060%

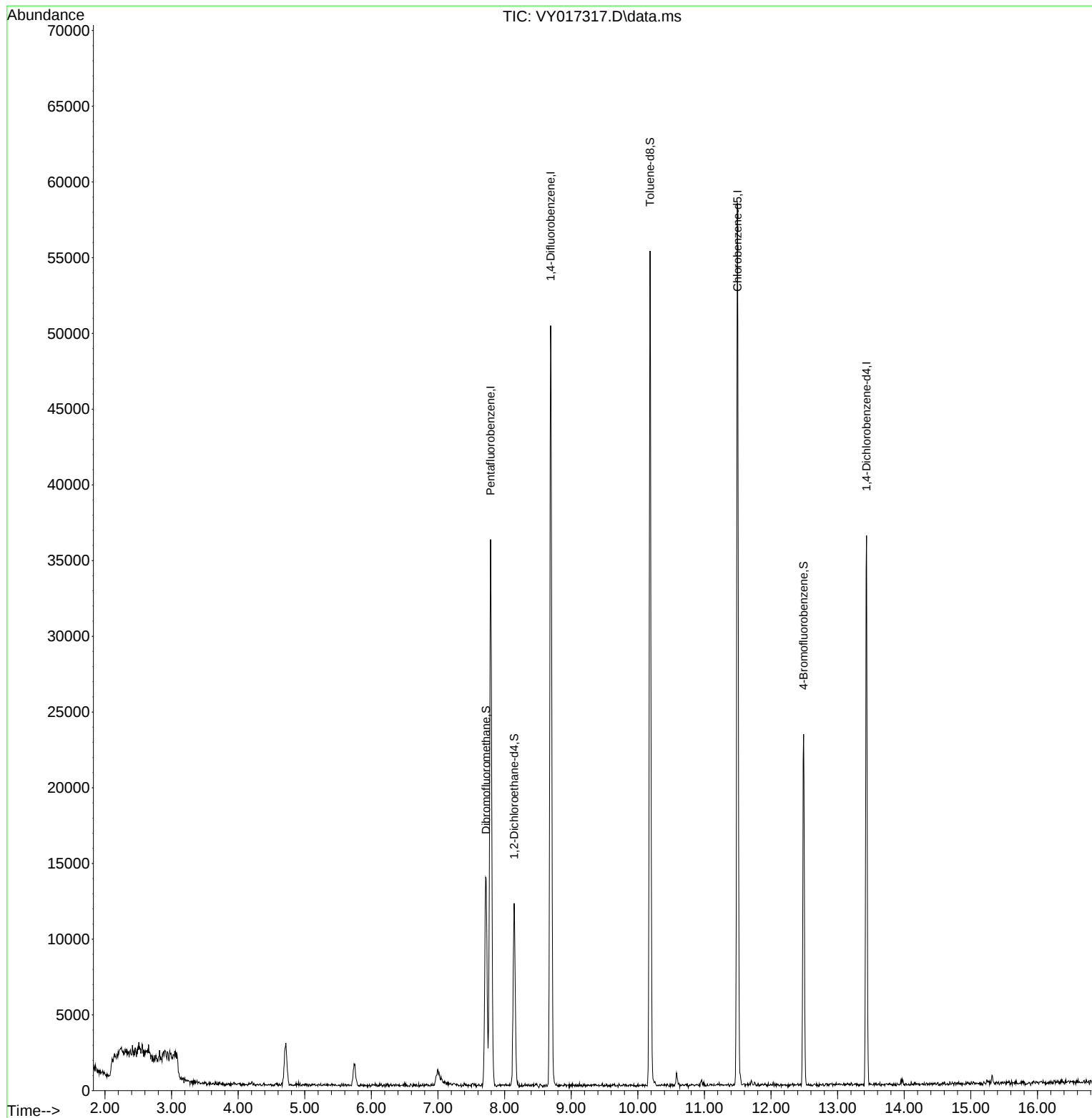
Target Compounds	Qvalue

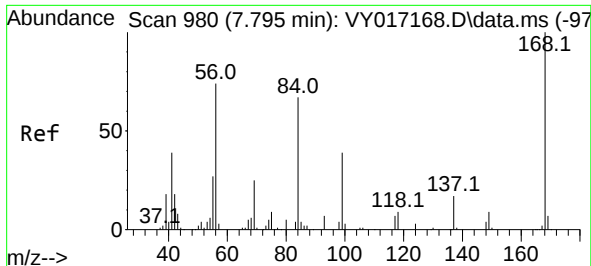
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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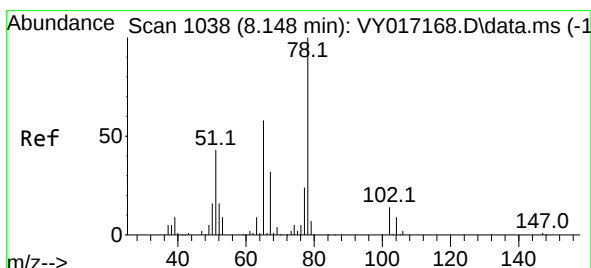
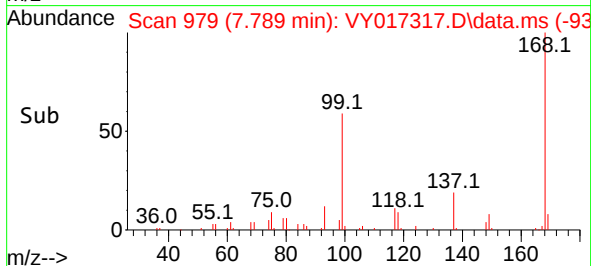
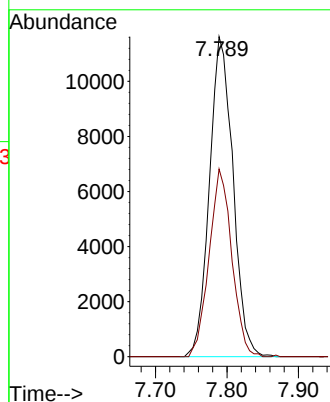
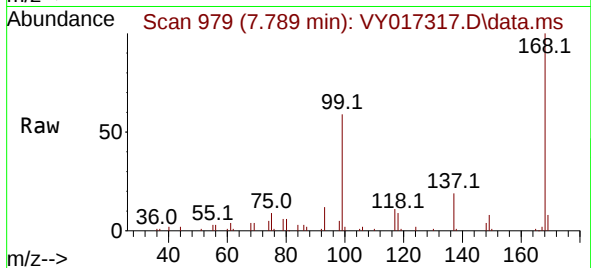




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

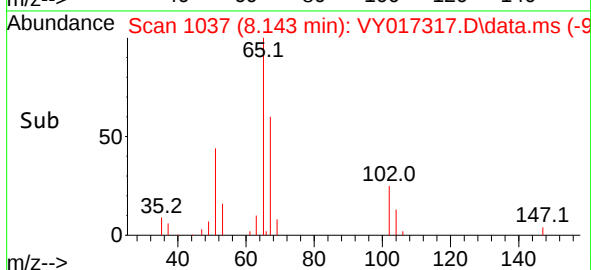
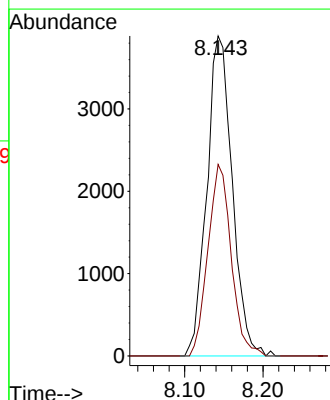
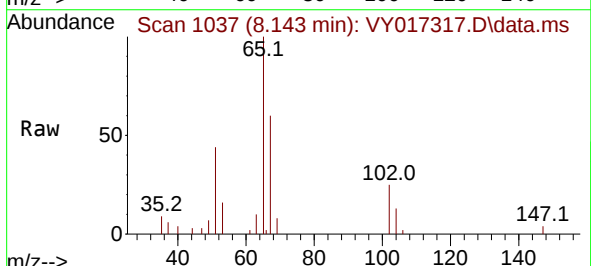
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

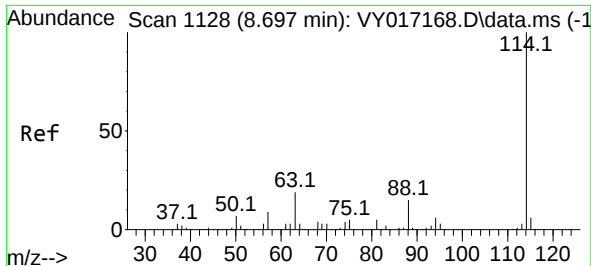
Tgt Ion:168 Resp: 26517
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 36.992 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

Tgt Ion: 65 Resp: 8763
Ion Ratio Lower Upper
65 100
67 54.9 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: VY017317.D

Acq: 08 Feb 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

SP-3RE

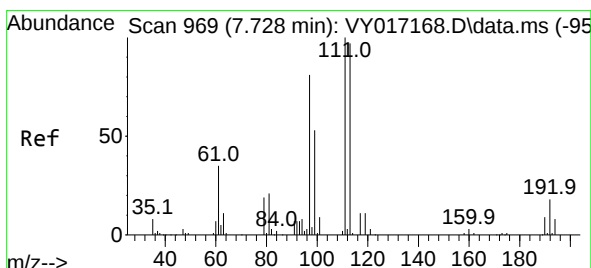
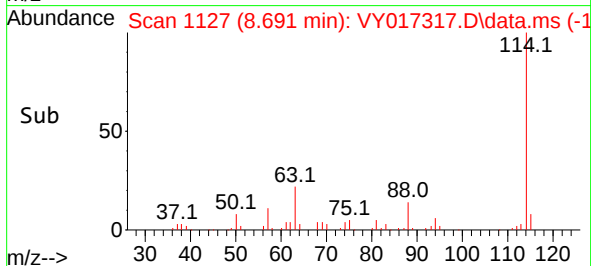
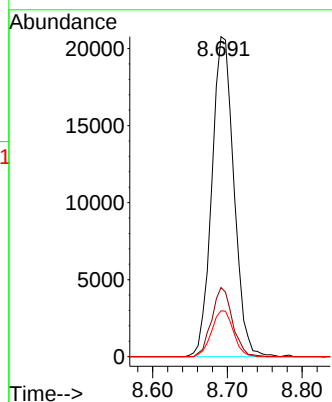
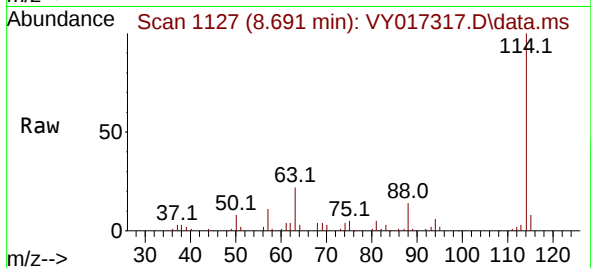
Tgt Ion:114 Resp: 42677

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.131 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017317.D

Acq: 08 Feb 2024 16:58

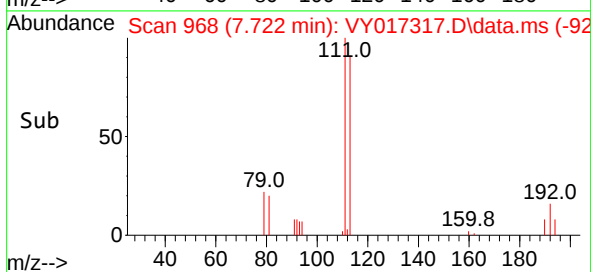
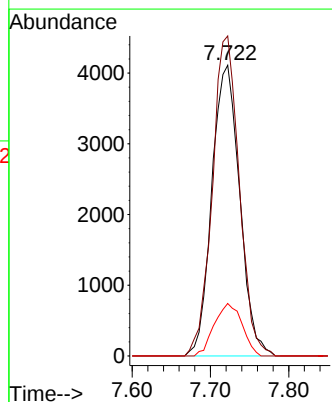
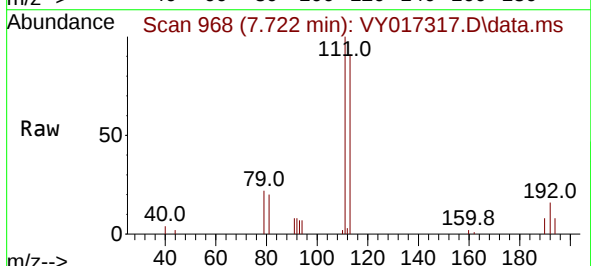
Tgt Ion:113 Resp: 10169

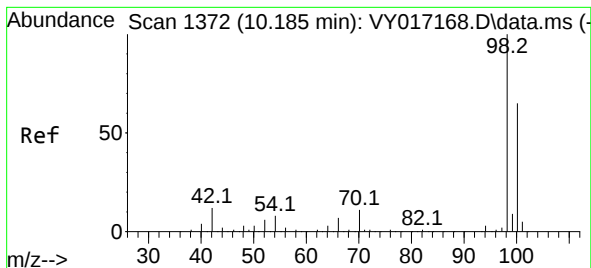
Ion Ratio Lower Upper

113 100

111 106.2 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 43.028 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017317.D

Acq: 08 Feb 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

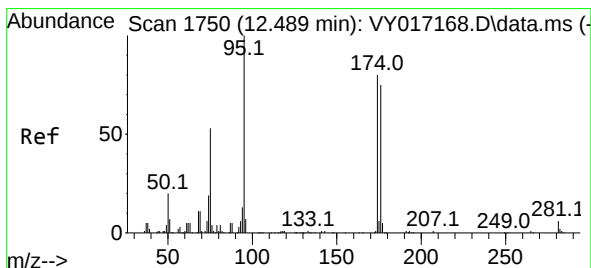
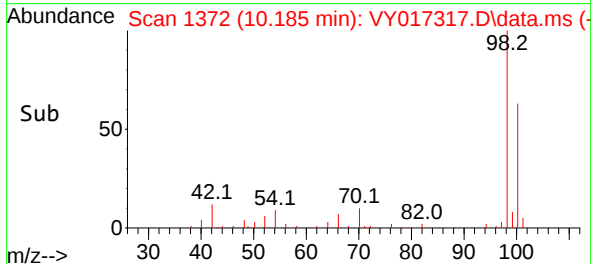
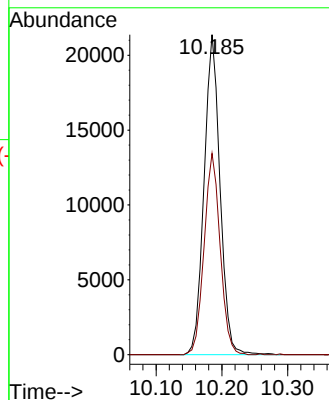
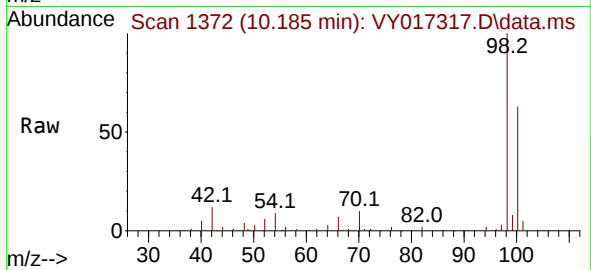
SP-3RE

Tgt Ion: 98 Resp: 36099

Ion Ratio Lower Upper

98 100

100 63.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 25.528 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017317.D

Acq: 08 Feb 2024 16:58

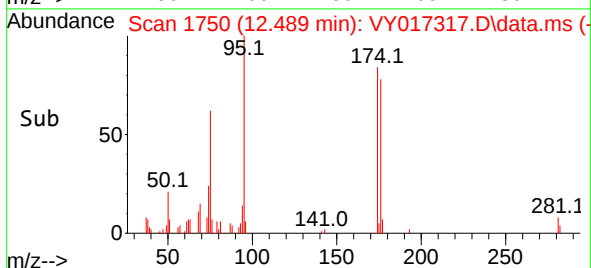
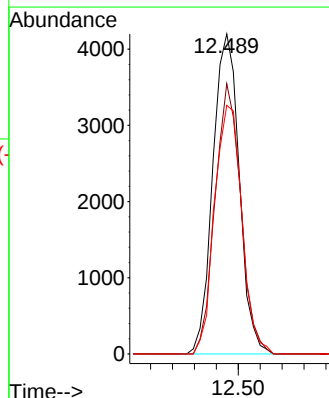
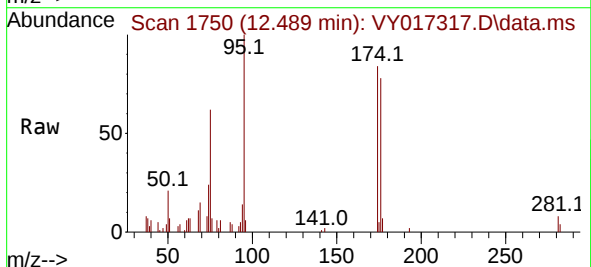
Tgt Ion: 95 Resp: 7016

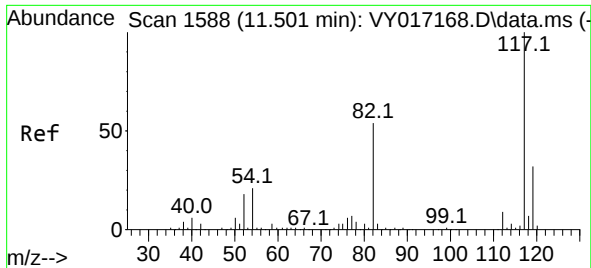
Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.0

176 80.7 0.0 151.8

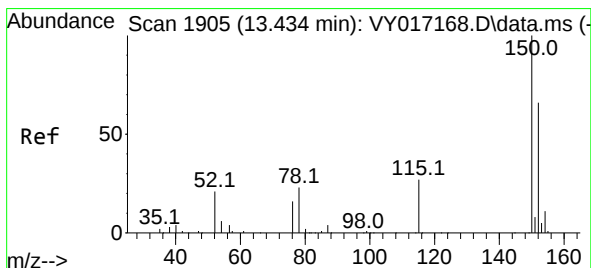
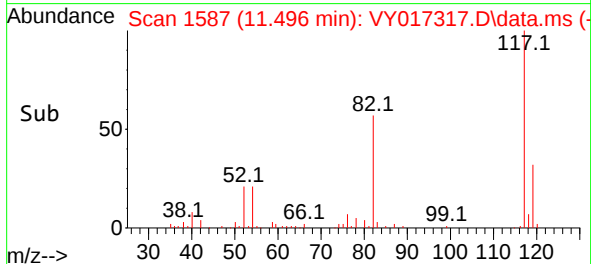
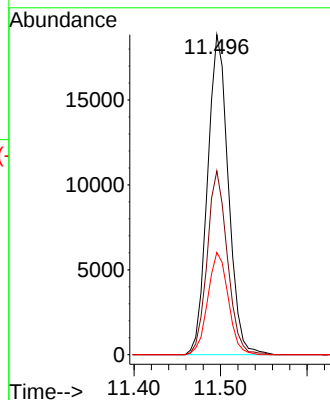
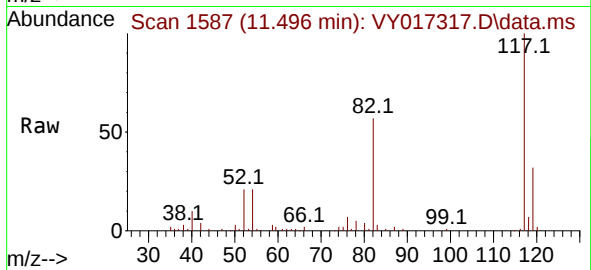




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017317.D
Acq: 08 Feb 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

Tgt Ion:117 Resp: 31454
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 32.0 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: VY017317.D
Acq: 08 Feb 2024 16:58

Tgt Ion:152 Resp: 8930
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 158.7 0.0 344.6

