

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017907.D
 Acq On : 11 Apr 2024 13:38
 Operator : SY/MD
 Sample : P2070-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 12 05:00:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64854	69.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.760%
35) Dibromofluoromethane	7.722	113	66840	57.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.940%
50) Toluene-d8	10.185	98	234101	54.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.483	95	61503	46.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.880%

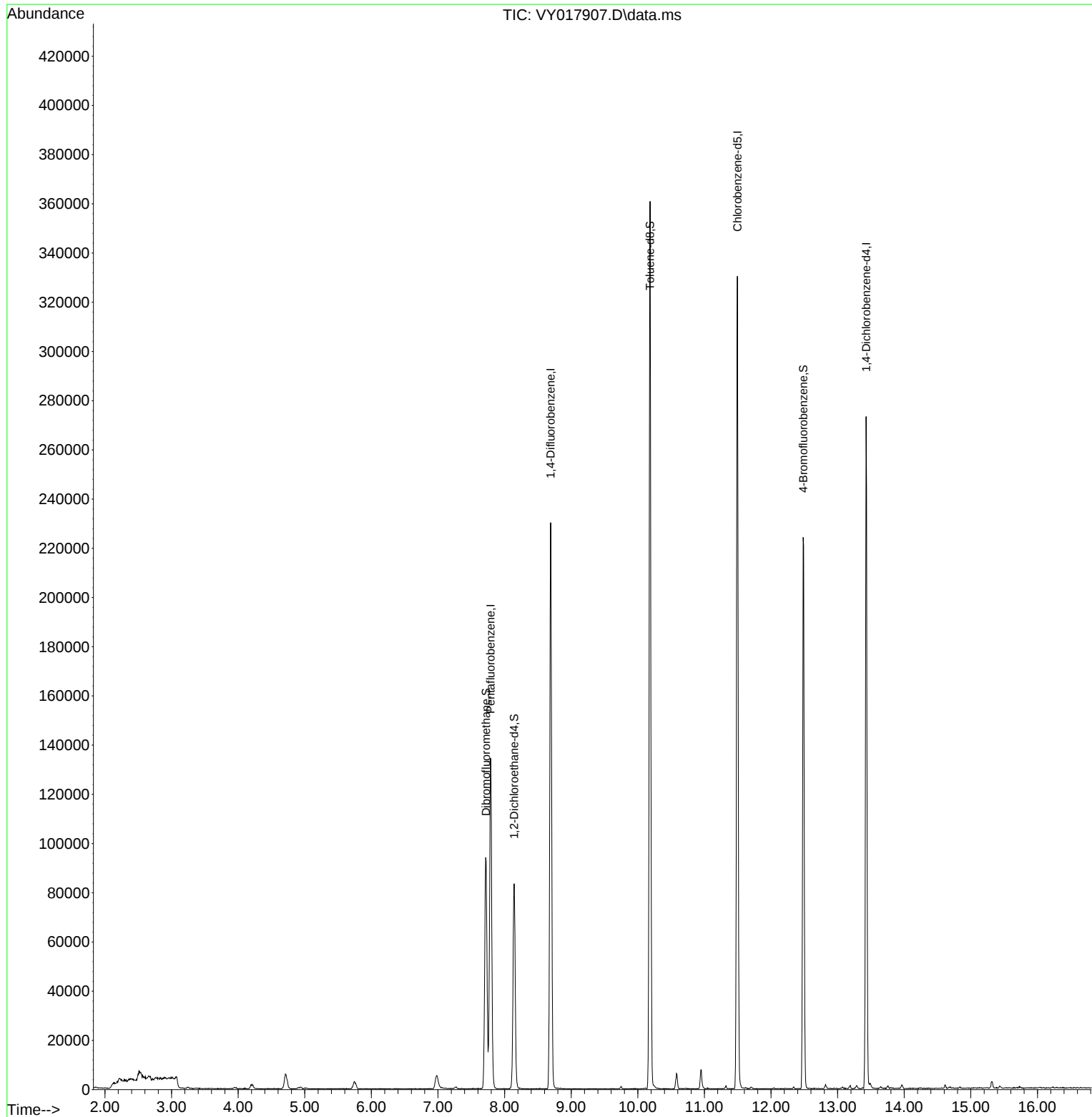
Target Compounds	Qvalue

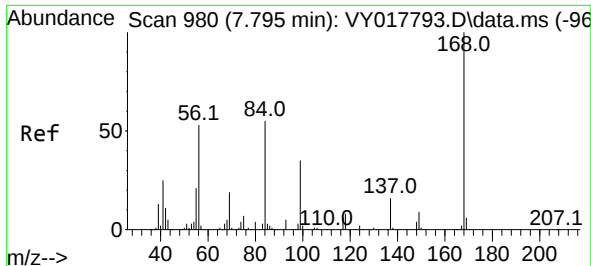
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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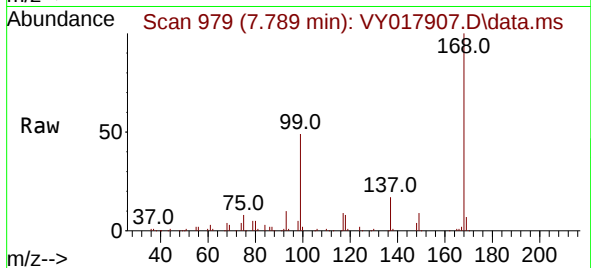
Quant Time: Apr 12 05:00:16 2024
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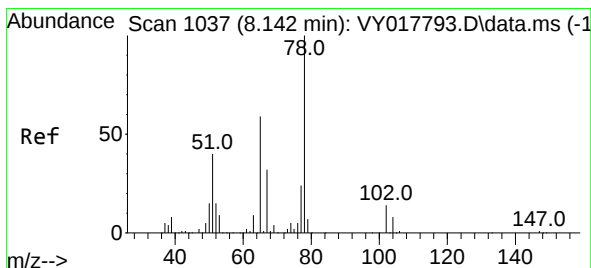
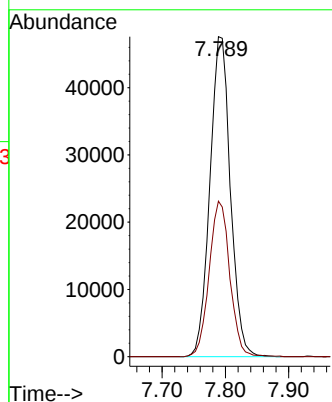
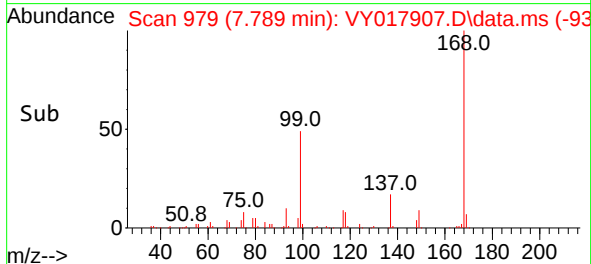


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

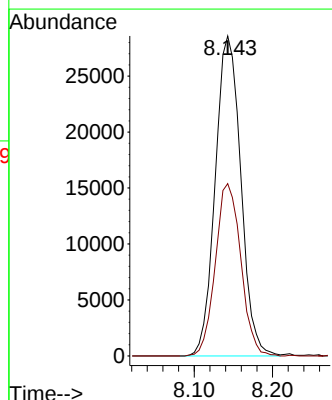
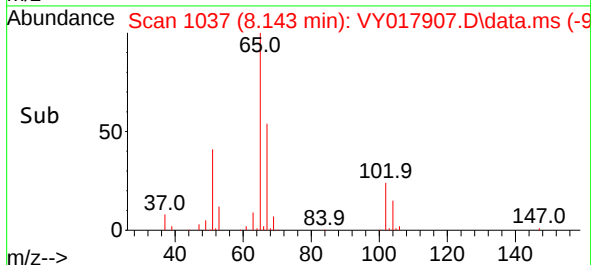
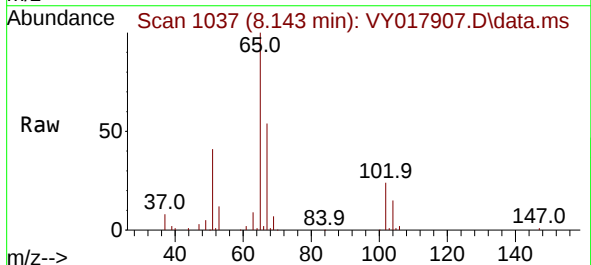


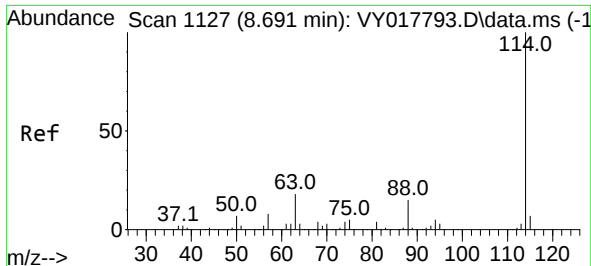
Tgt Ion:168 Resp: 107243
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 69.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 65 Resp: 64854
Ion Ratio Lower Upper
65 100
67 53.6 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: VY017907.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

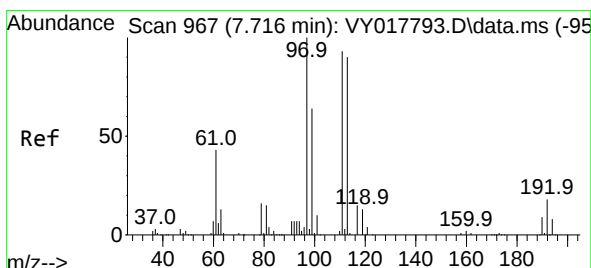
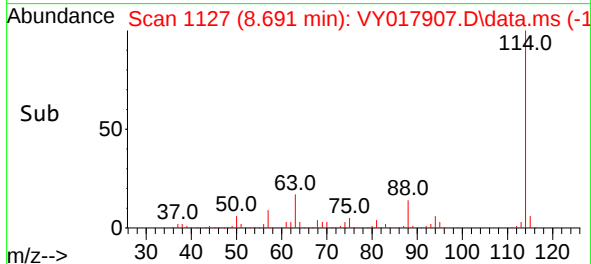
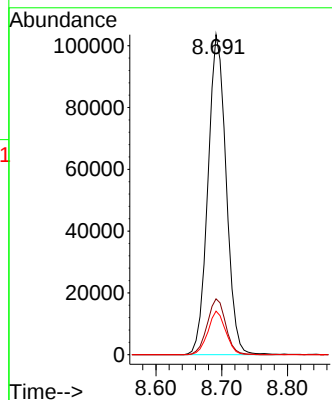
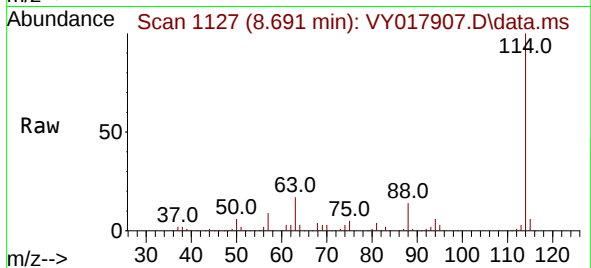
Tgt Ion:114 Resp: 199521

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.975 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

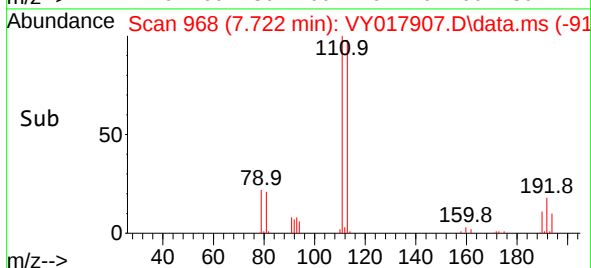
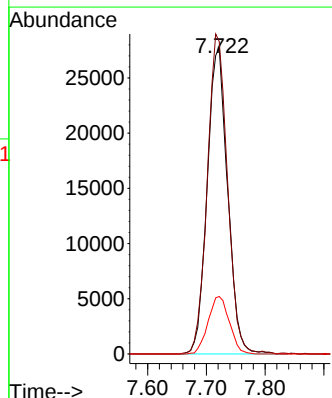
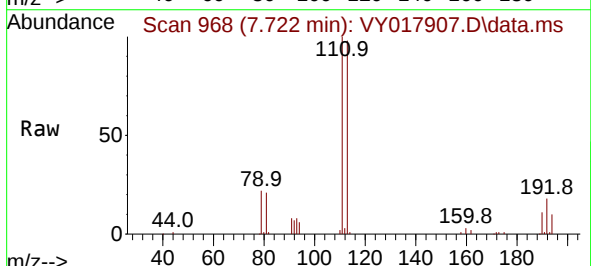
Tgt Ion:113 Resp: 66840

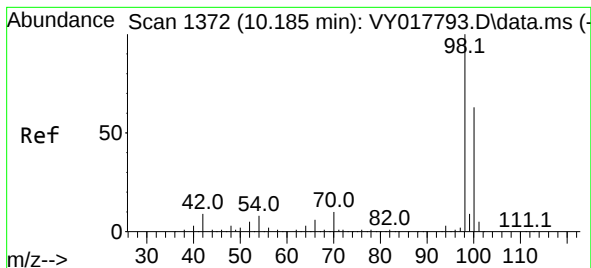
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 54.358 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

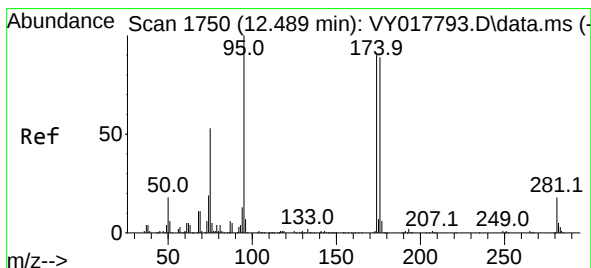
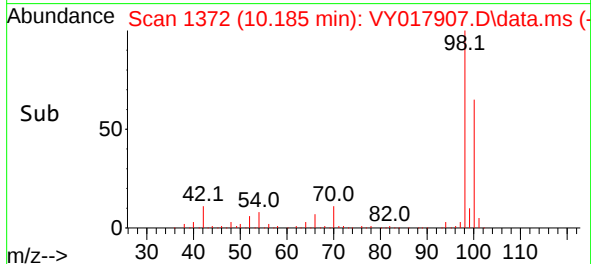
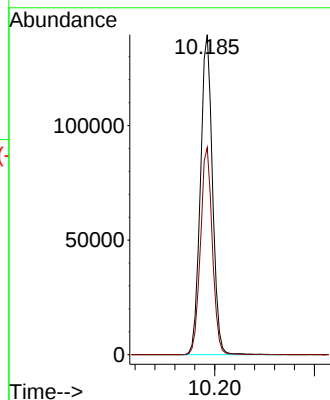
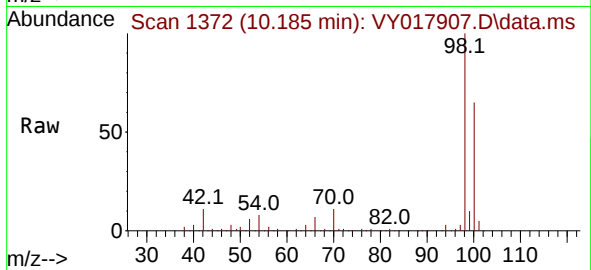
TP-1

Tgt Ion: 98 Resp: 234101

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.938 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

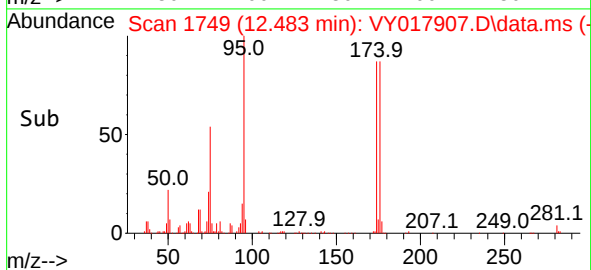
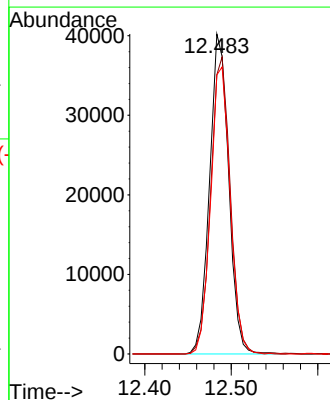
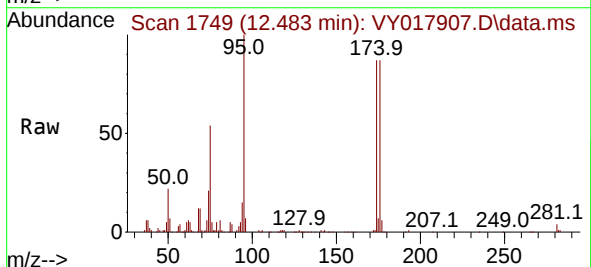
Tgt Ion: 95 Resp: 61503

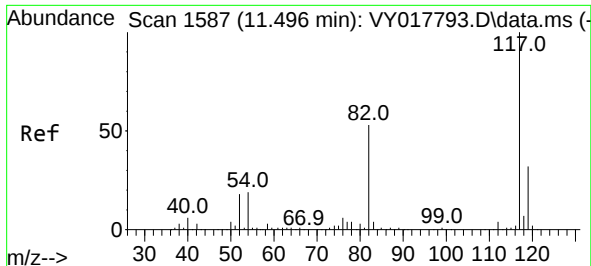
Ion Ratio Lower Upper

95 100

174 95.4 0.0 175.6

176 92.0 0.0 171.4

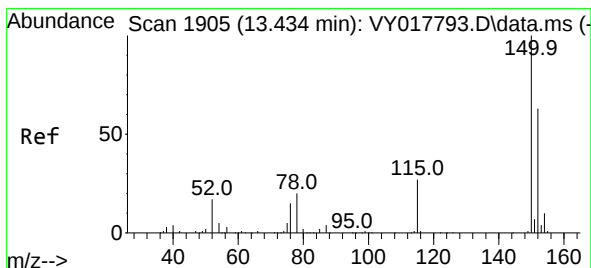
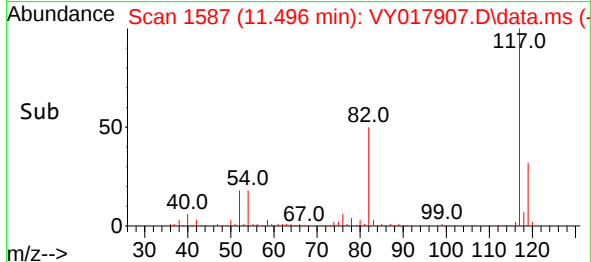
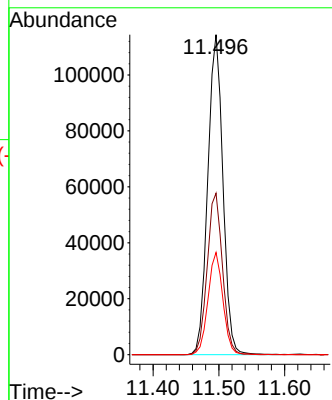
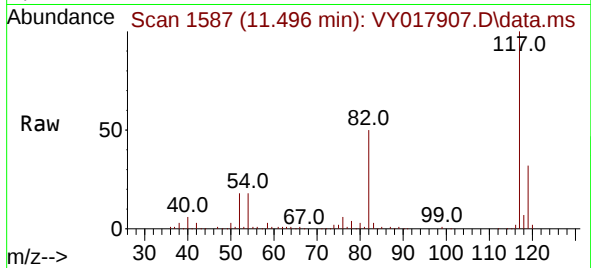




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 183109
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion:152 Resp: 69805
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.9 0.0 345.6

