

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017991.D
 Acq On : 19 Apr 2024 12:09
 Operator : SY/MD
 Sample : VY0419SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

Quant Time: Apr 19 23:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	390818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	685562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	613906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	242798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	181451	53.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.722	113	216730	51.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.185	98	787651	49.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.483	95	223871	45.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.080%

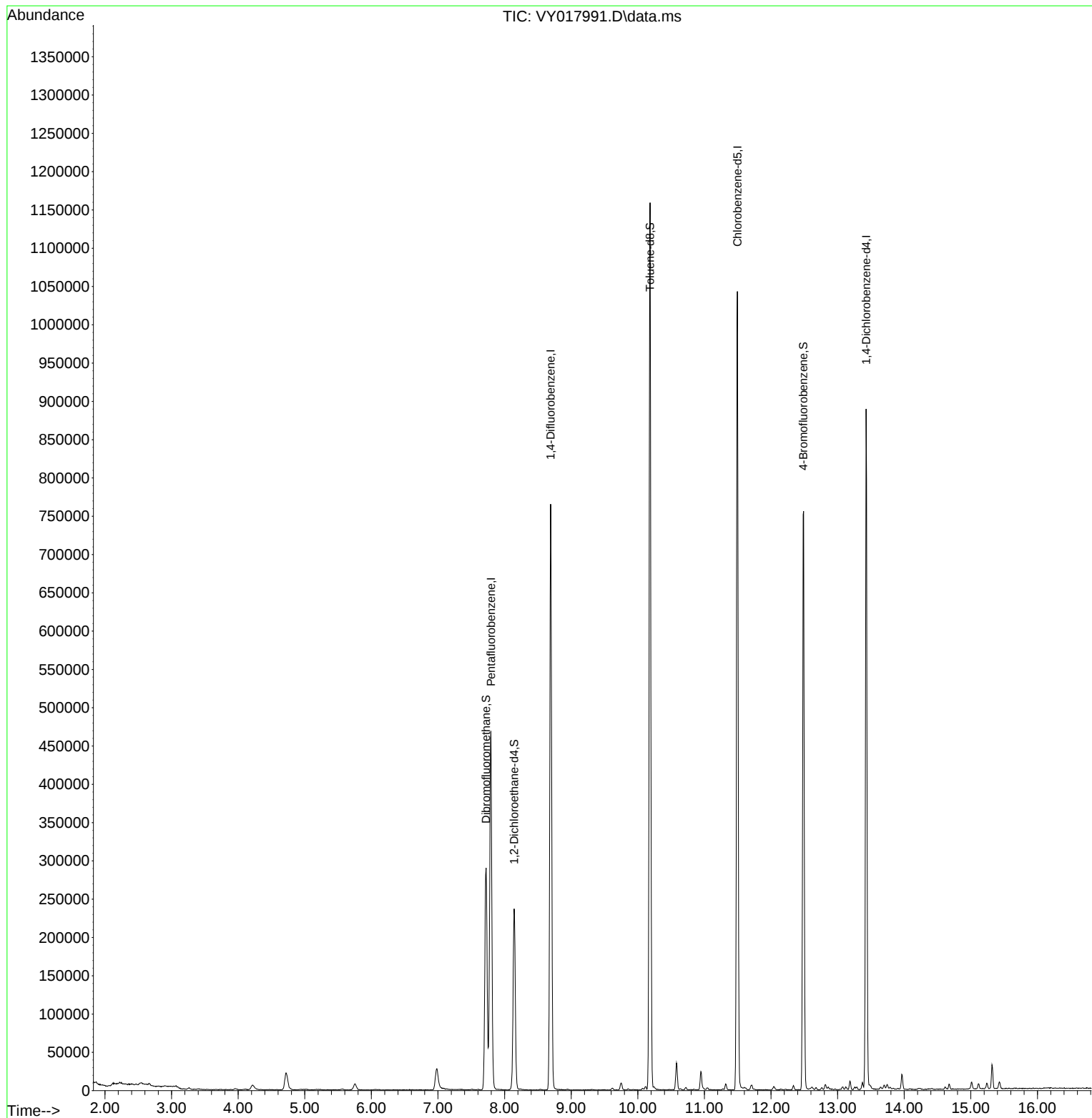
Target Compounds	Qvalue

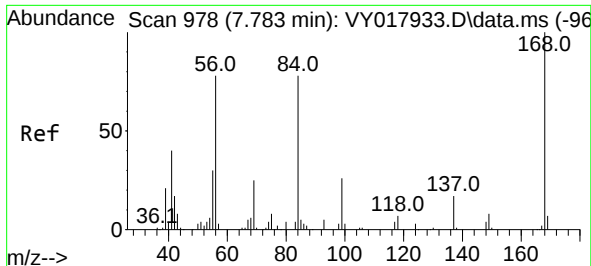
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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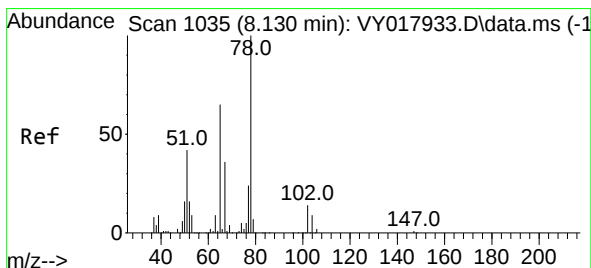
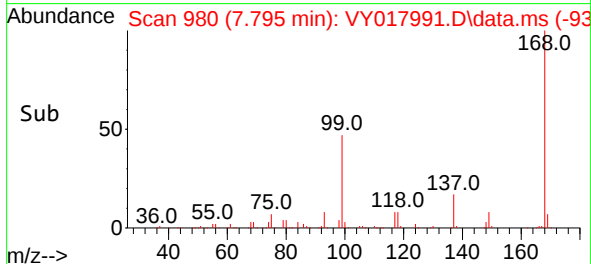
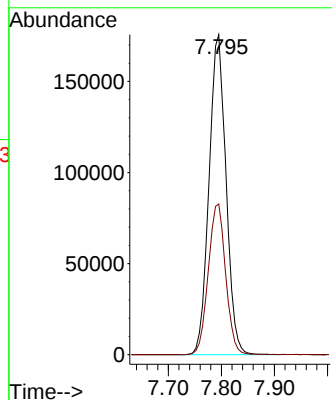
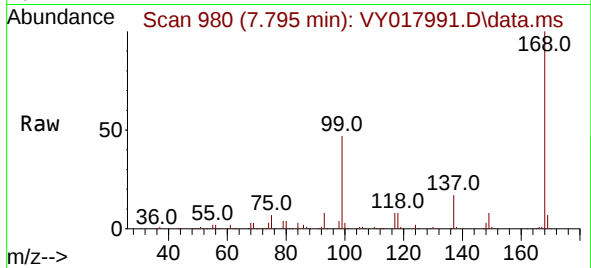




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

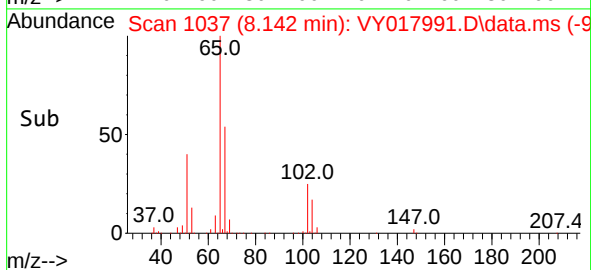
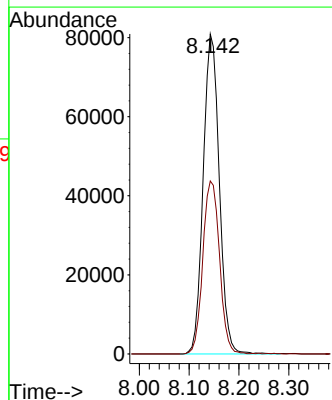
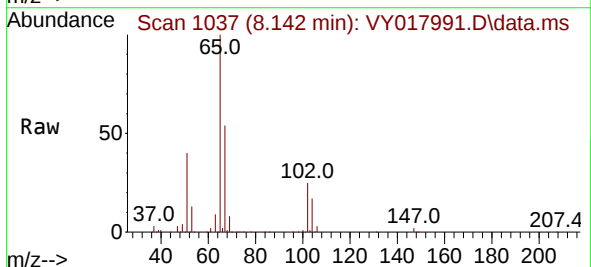
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

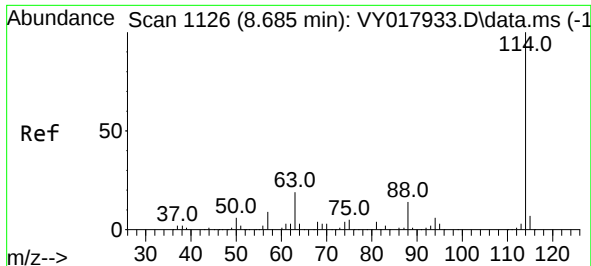
Tgt Ion:168 Resp: 390818
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.652 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 65 Resp: 181451
Ion Ratio Lower Upper
65 100
67 56.0 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: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBL01

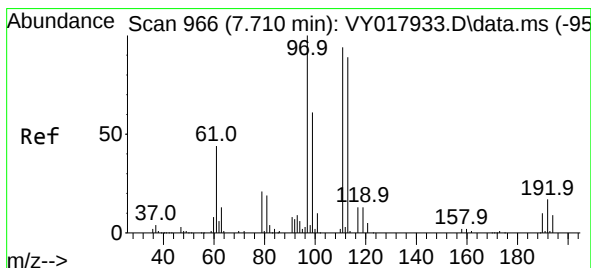
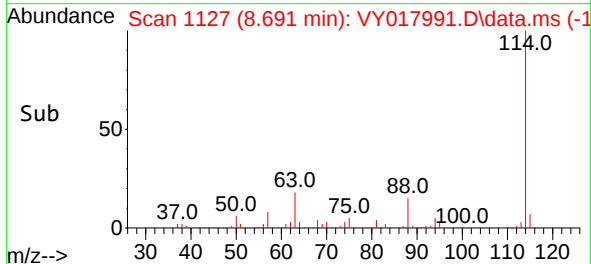
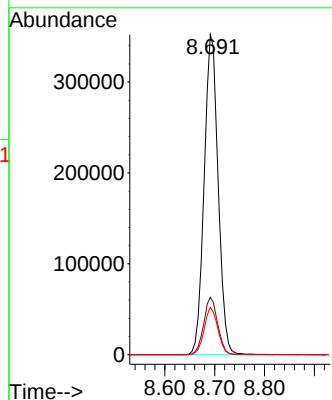
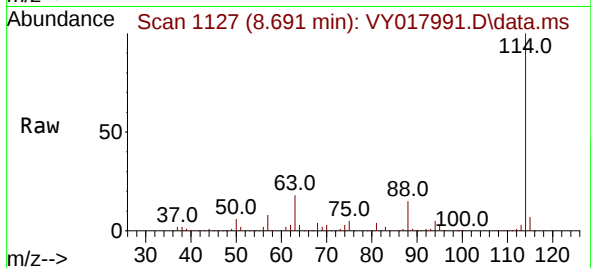
Tgt Ion:114 Resp: 685562

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.242 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

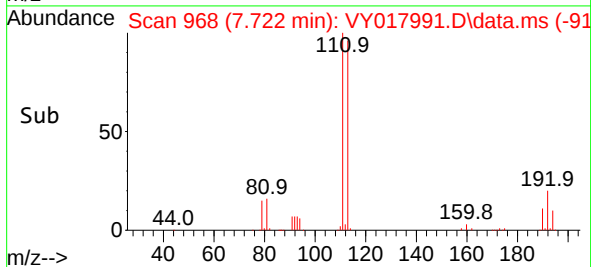
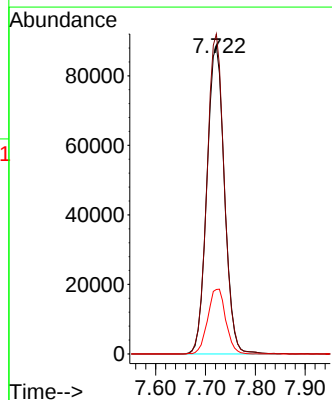
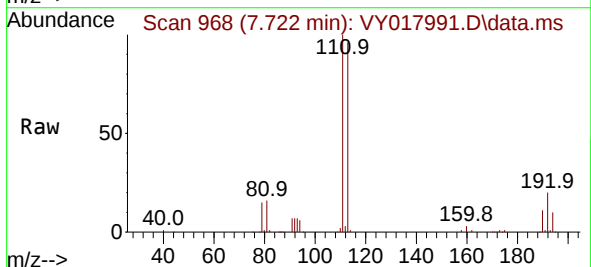
Tgt Ion:113 Resp: 216730

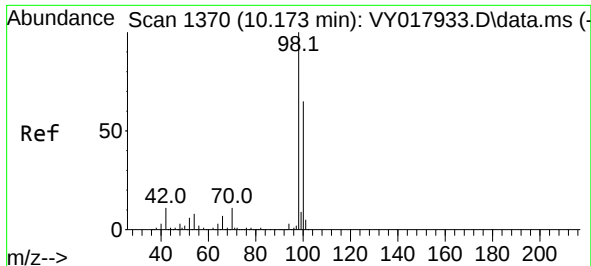
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 21.6 15.9 23.9

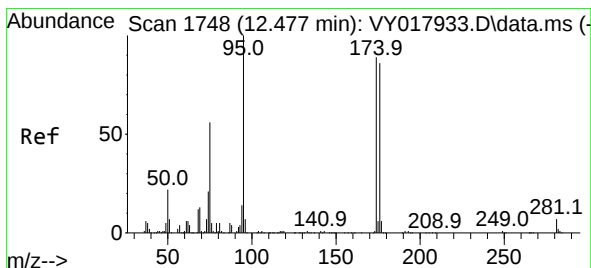
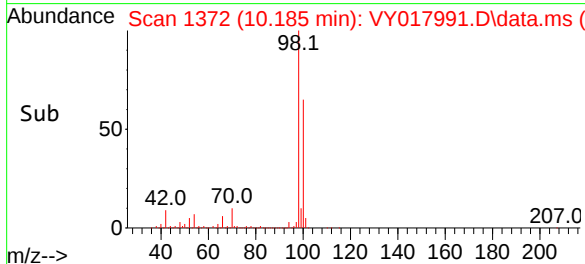
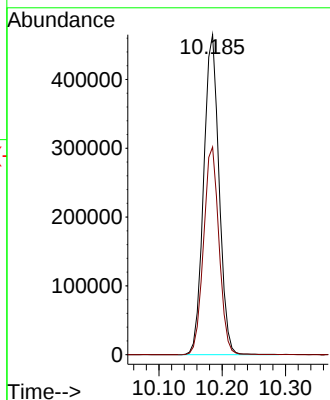
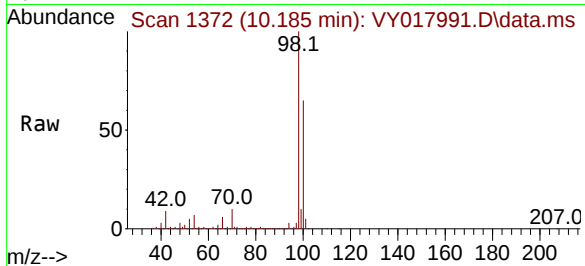




#50
Toluene-d8
Concen: 49.078 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

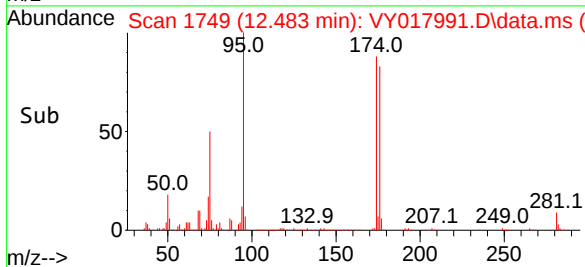
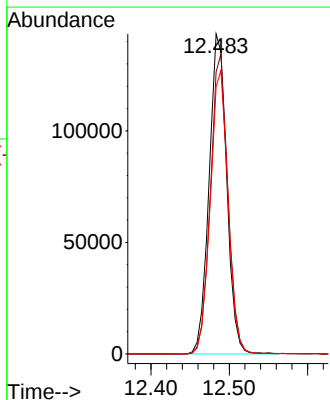
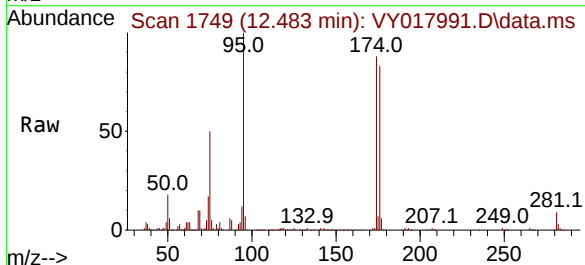
Instrument :
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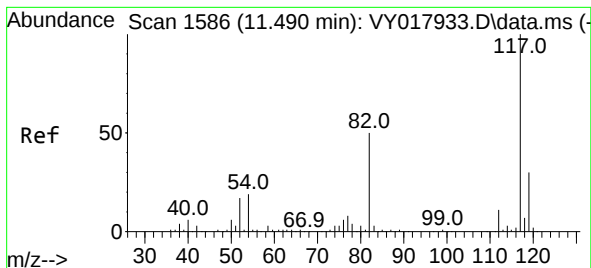
Tgt Ion: 98 Resp: 787651
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 95 Resp: 223871
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 89.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBL01

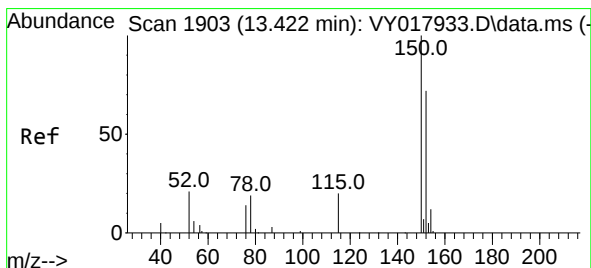
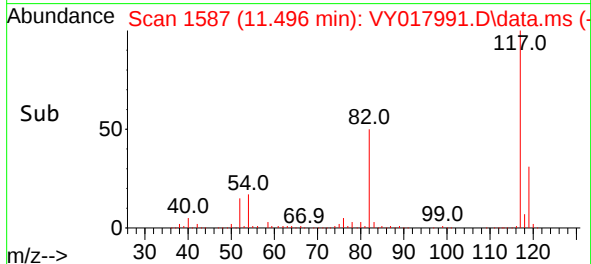
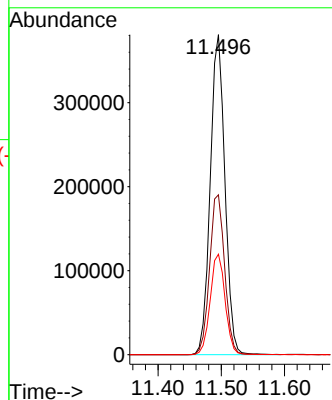
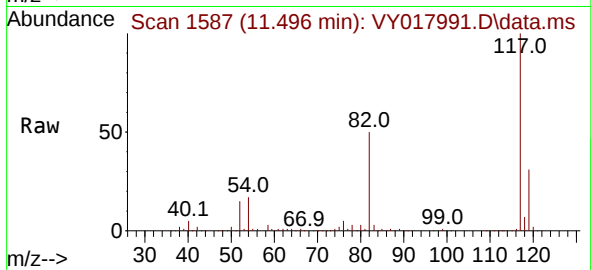
Tgt Ion:117 Resp: 613906

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Tgt Ion:152 Resp: 242798

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 156.6 0.0 345.6

