

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017920.D
 Acq On : 12 Apr 2024 10:01
 Operator : SY/MD
 Sample : VY0412SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Quant Time: Apr 13 01:33:09 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	129694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66291	59.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.140%
35) Dibromofluoromethane	7.716	113	74599	55.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.500%
50) Toluene-d8	10.185	98	266170	52.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.483	95	87629	57.101	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.200%

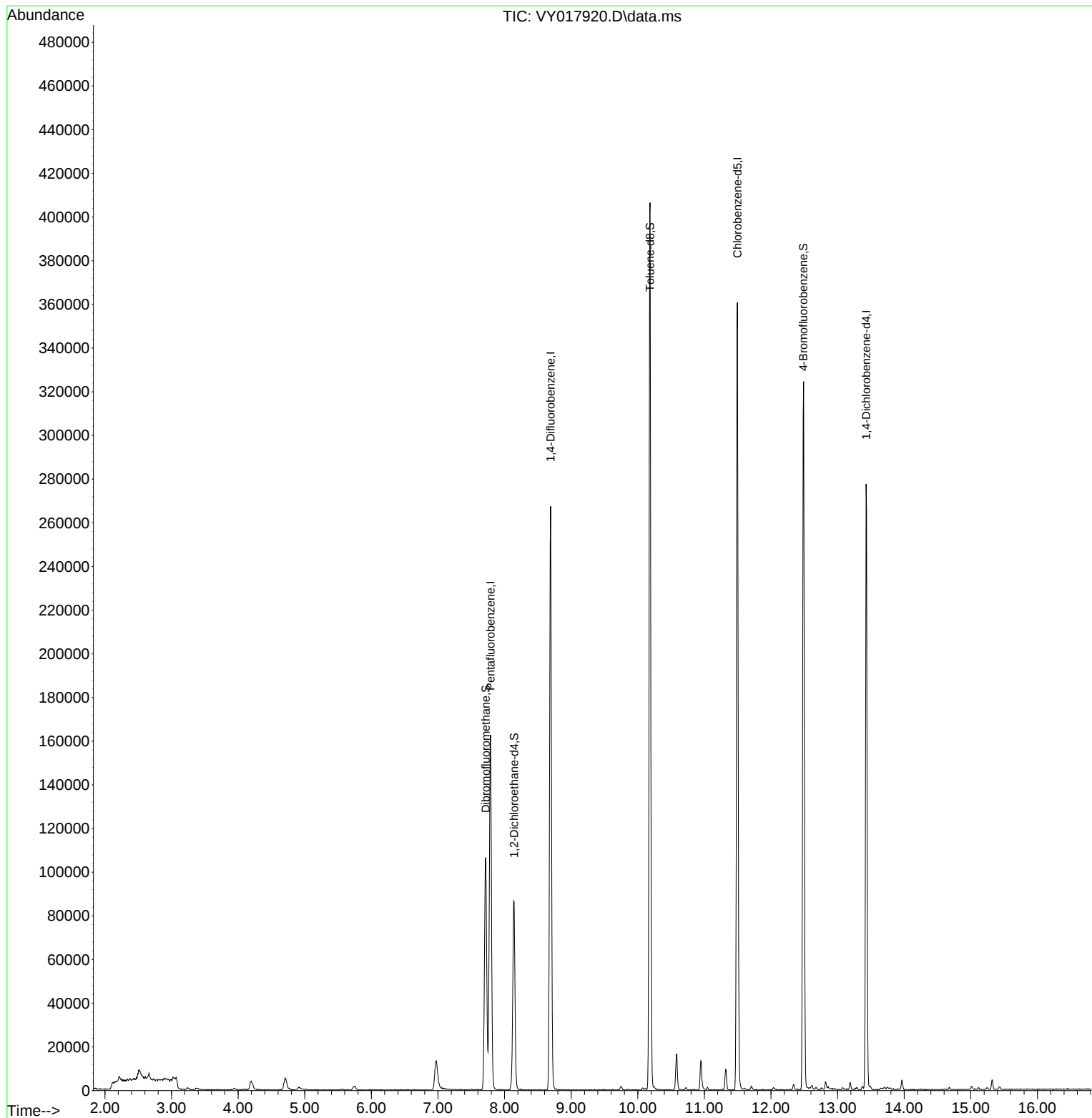
Target Compounds	Qvalue

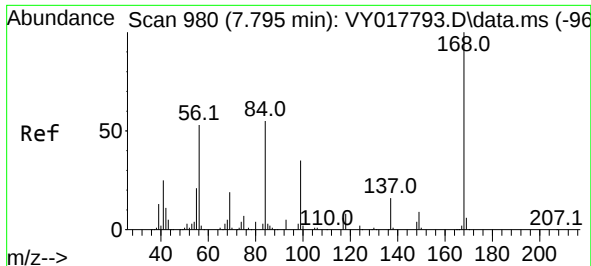
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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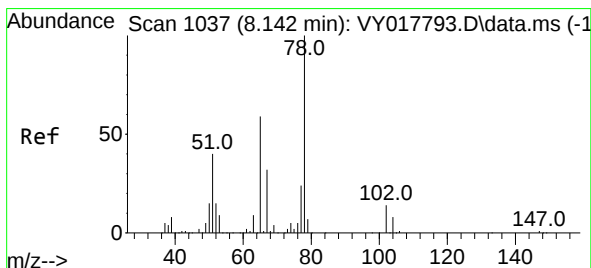
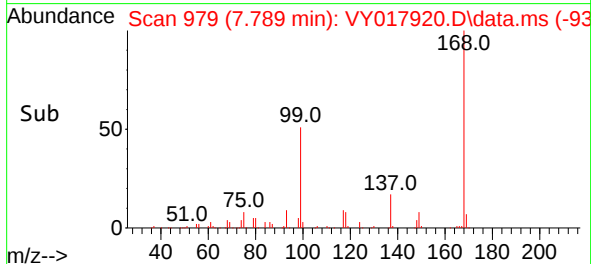
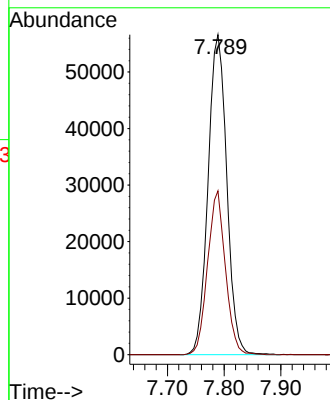
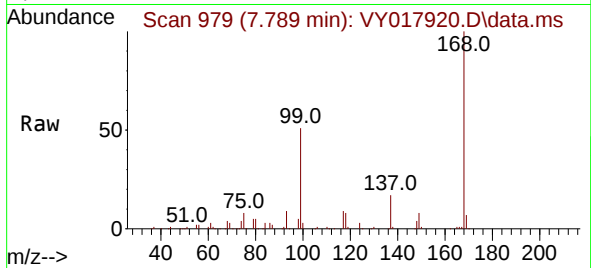




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

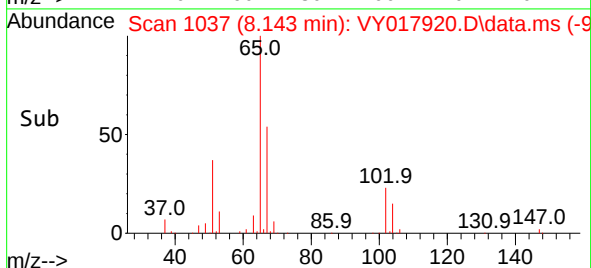
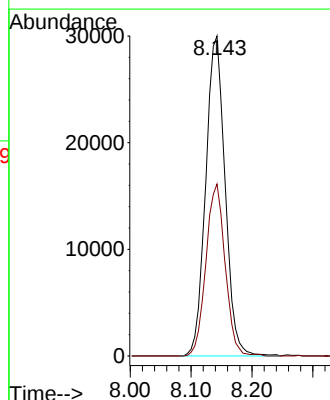
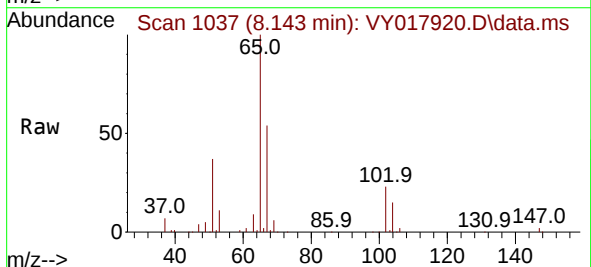
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

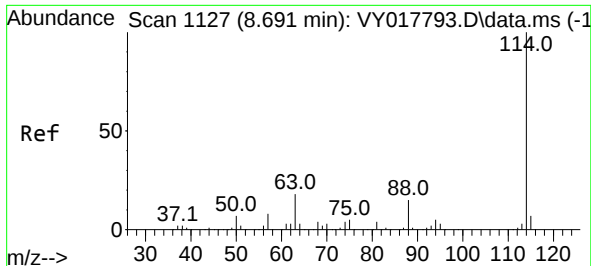
Tgt Ion:168 Resp: 129694
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.068 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion: 65 Resp: 66291
Ion Ratio Lower Upper
65 100
67 53.2 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: VY017920.D

Acq: 12 Apr 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBL01

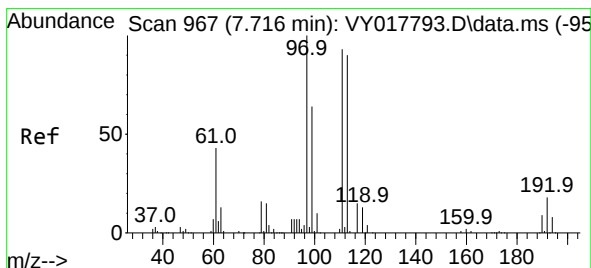
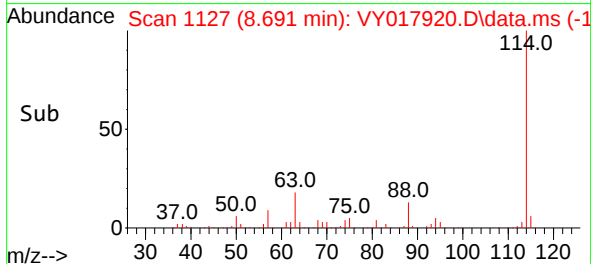
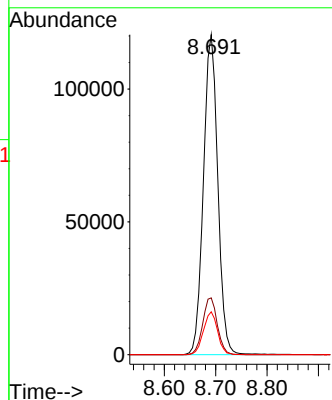
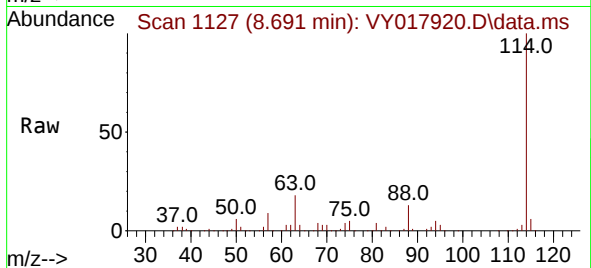
Tgt Ion:114 Resp: 233679

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.246 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017920.D

Acq: 12 Apr 2024 10:01

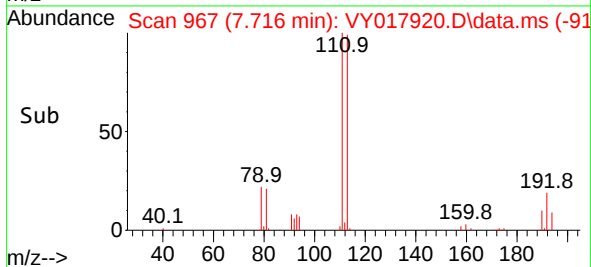
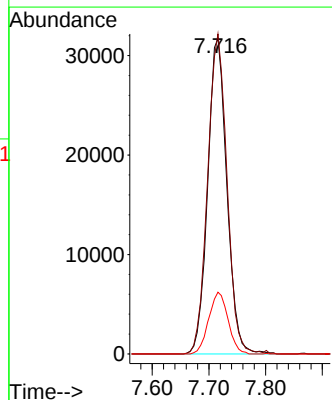
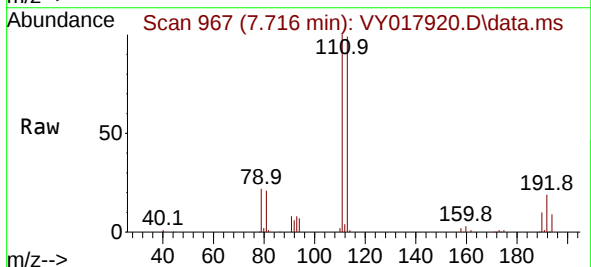
Tgt Ion:113 Resp: 74599

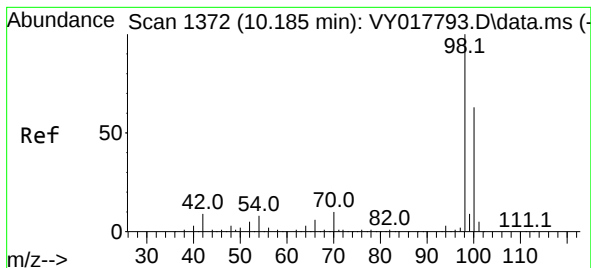
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 19.7 15.9 23.9

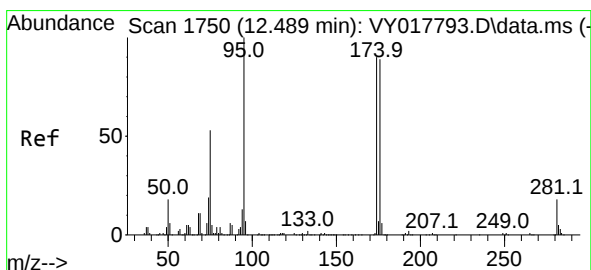
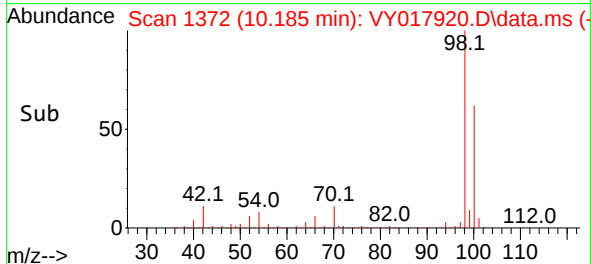
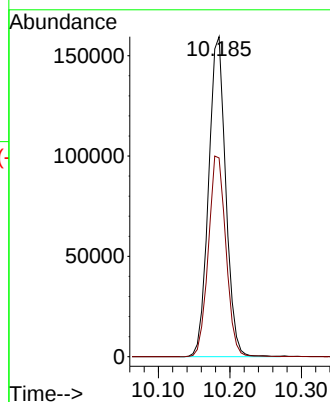
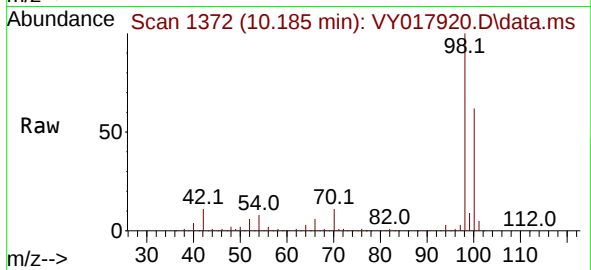




#50
Toluene-d8
Concen: 52.770 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

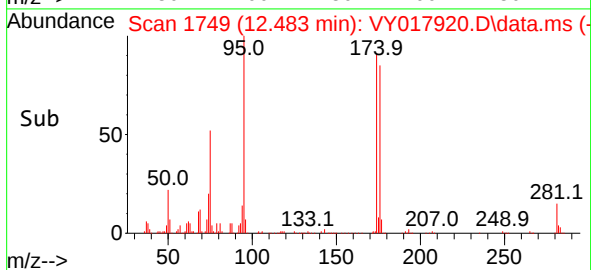
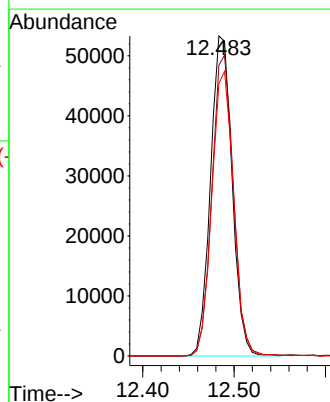
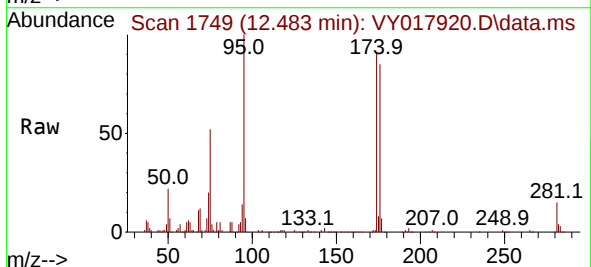
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

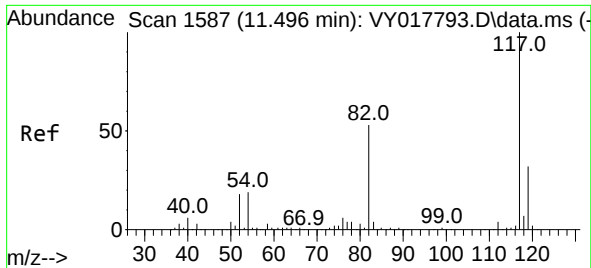
Tgt Ion: 98 Resp: 266170
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.101 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion: 95 Resp: 87629
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 89.9 0.0 171.4

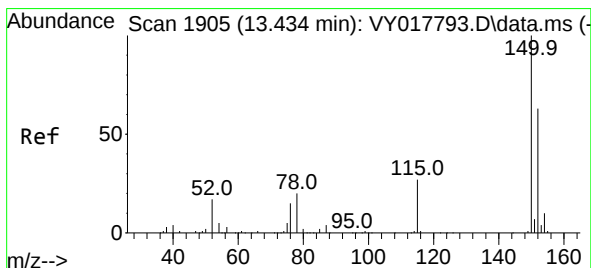
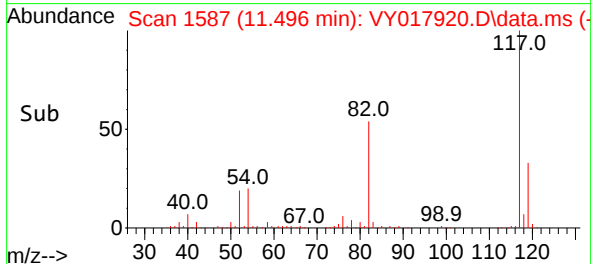
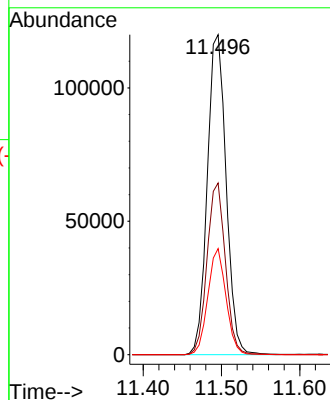
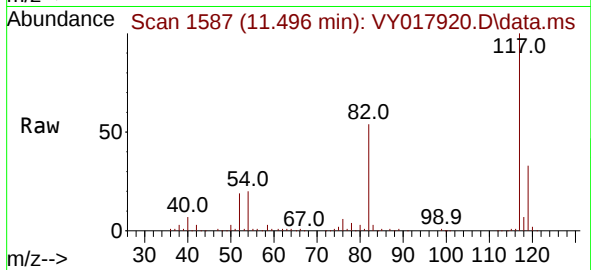




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

Tgt Ion:117 Resp: 200139
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 33.1 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: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion:152 Resp: 69999
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 159.2 0.0 345.6

