

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017801.D
 Acq On : 01 Apr 2024 11:31
 Operator : SY/MD
 Sample : VY0401SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Quant Time: Apr 02 03:17:32 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	7.795	168	176069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	276594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95762	62.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.700%
35) Dibromofluoromethane	7.722	113	103117	55.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	373305	53.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.489	95	93005	43.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.620%

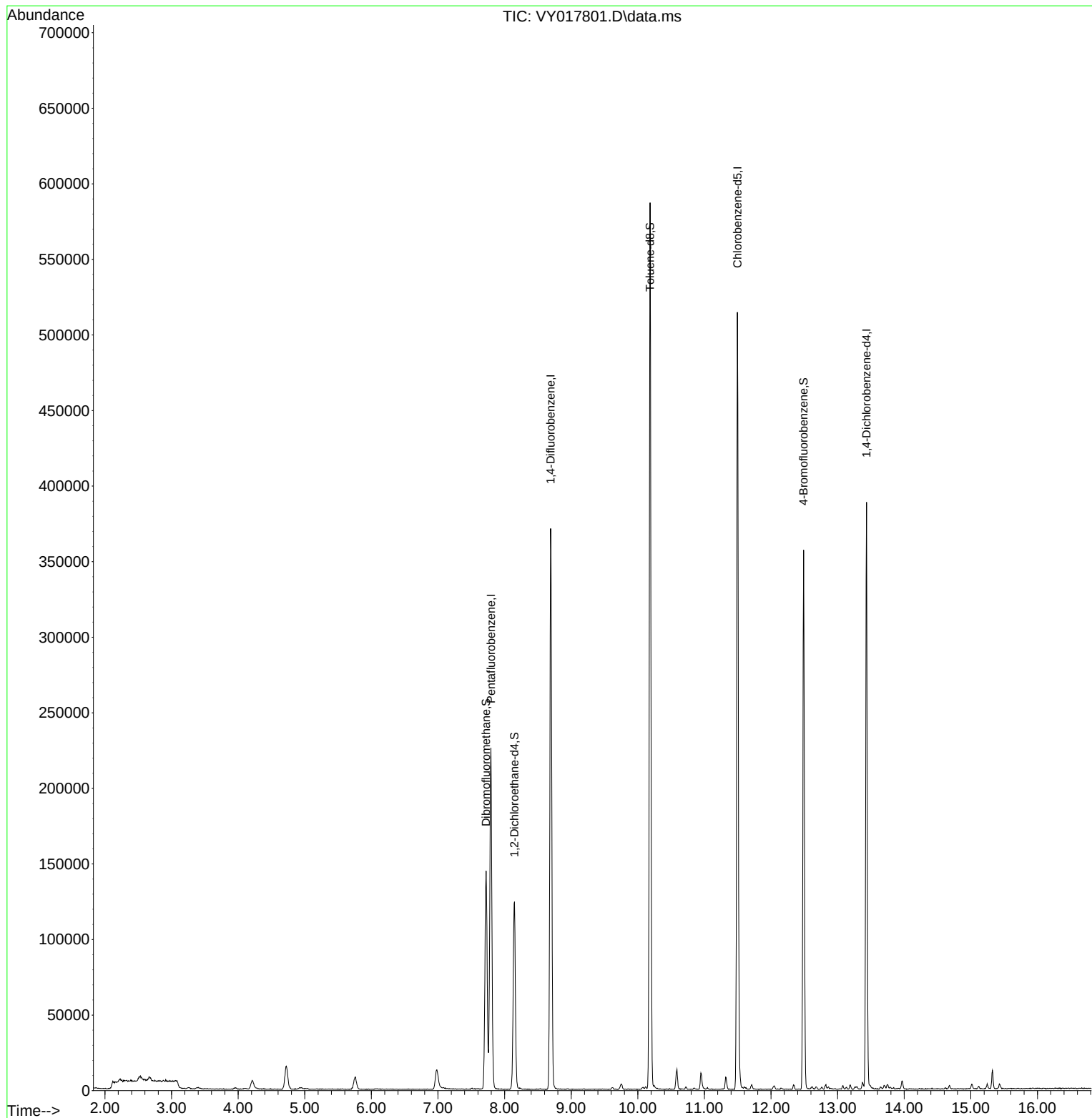
Target Compounds	Qvalue

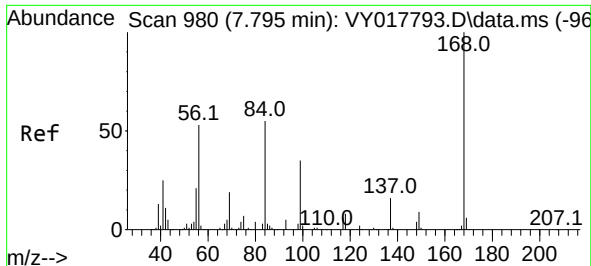
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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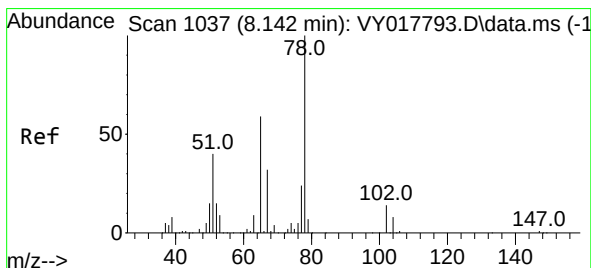
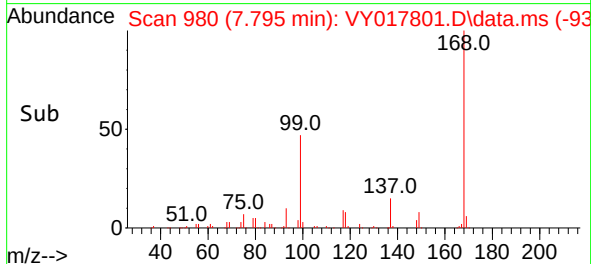
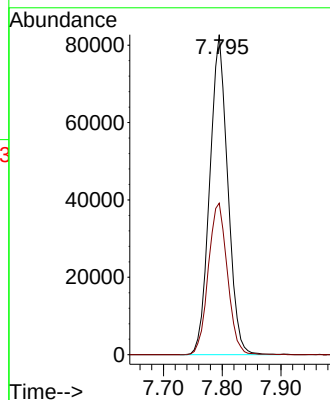
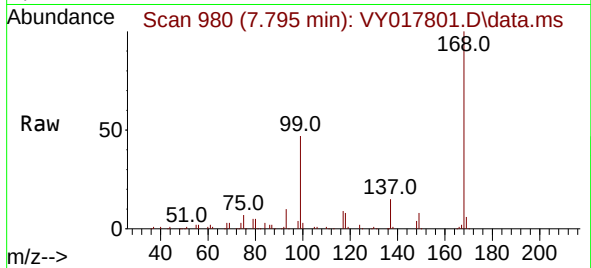




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

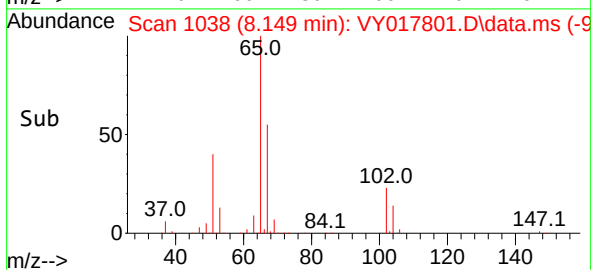
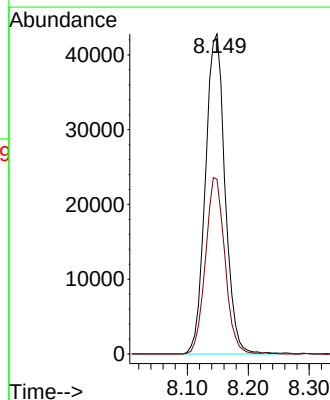
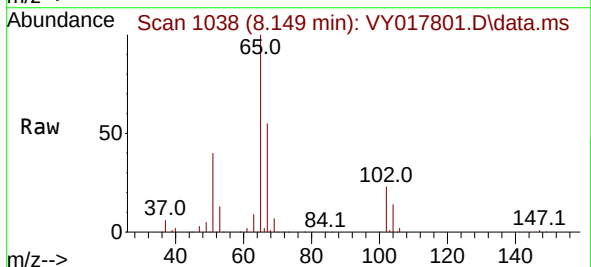
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

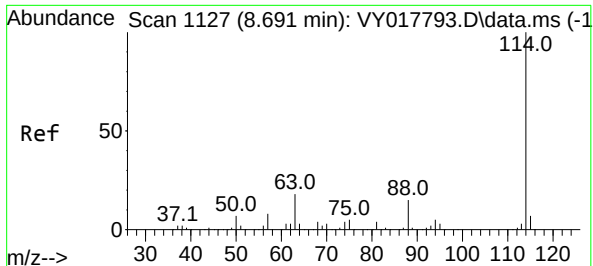
Tgt Ion:168 Resp: 176069
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 62.853 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 65 Resp: 95762
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

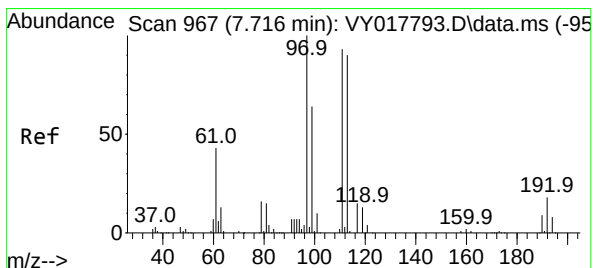
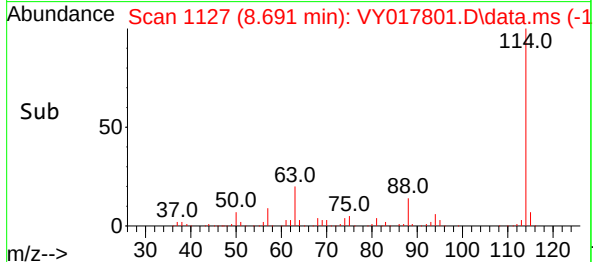
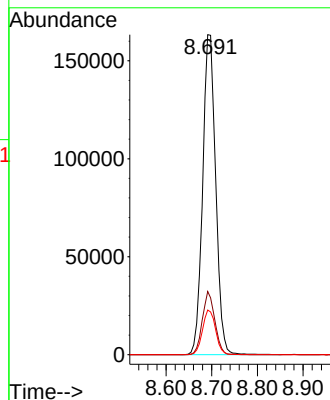
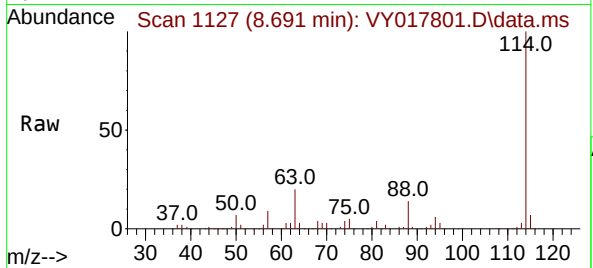




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

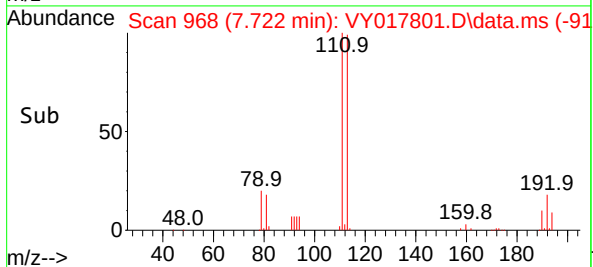
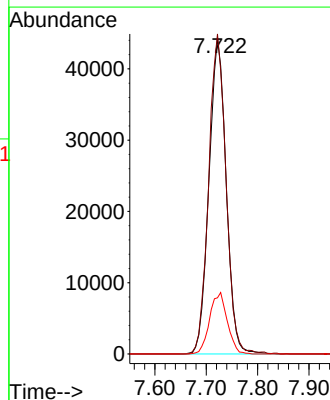
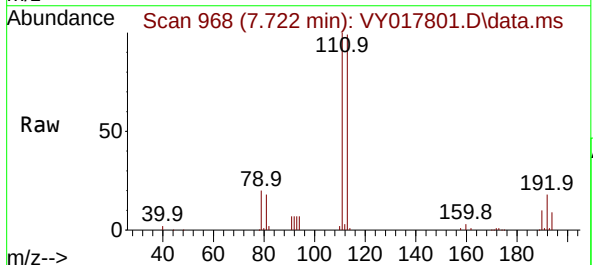
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

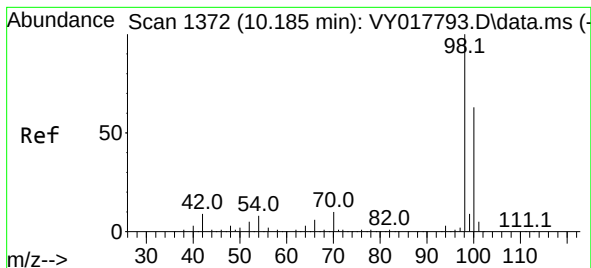
Tgt Ion:114 Resp: 323227
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.209 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion:113 Resp: 103117
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 53.506 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017801.D

Acq: 01 Apr 2024 11:31

Instrument :

MSVOA_Y

ClientSampleId :

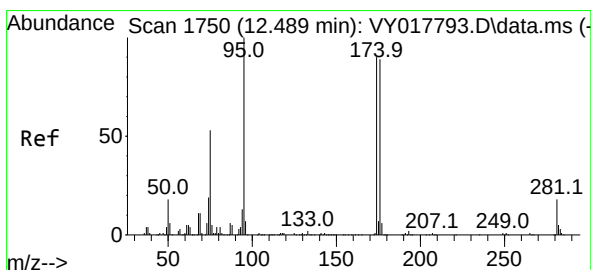
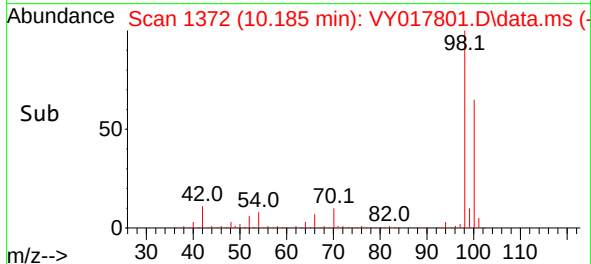
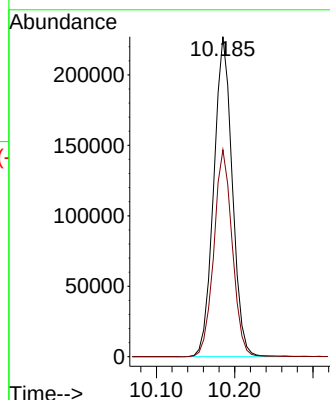
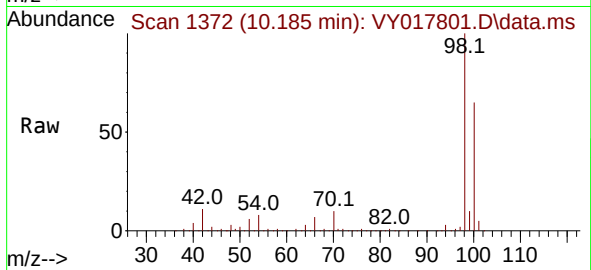
VY0401SBL01

Tgt Ion: 98 Resp: 373305

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.814 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017801.D

Acq: 01 Apr 2024 11:31

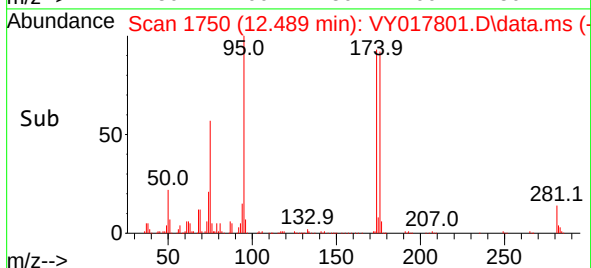
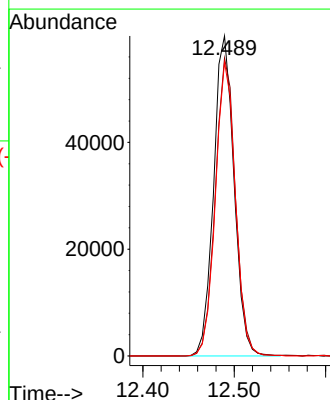
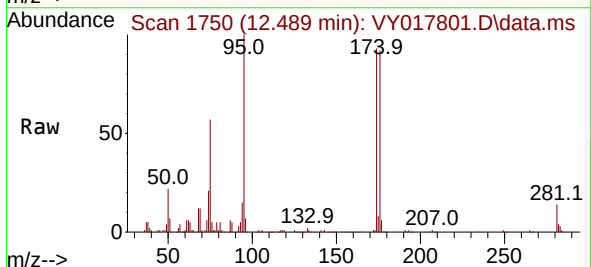
Tgt Ion: 95 Resp: 93005

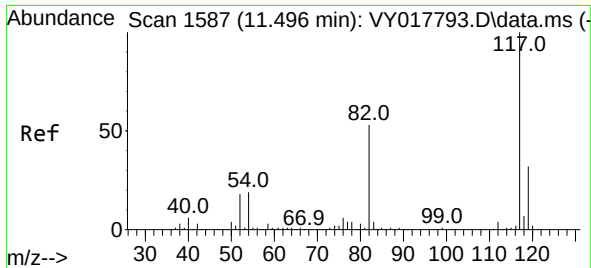
Ion Ratio Lower Upper

95 100

174 92.3 0.0 175.6

176 89.8 0.0 171.4

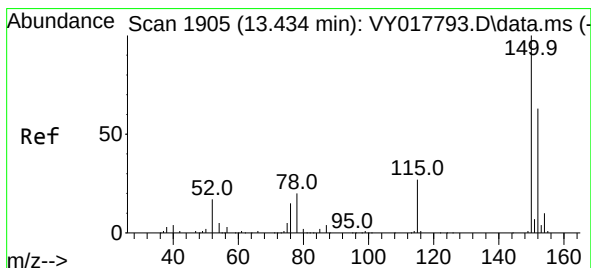
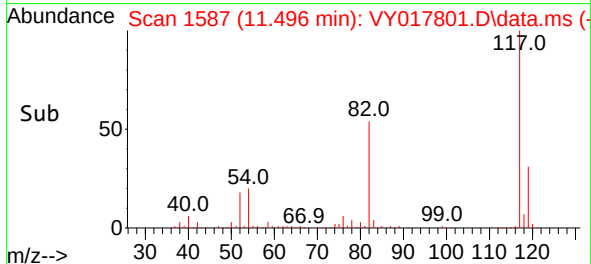
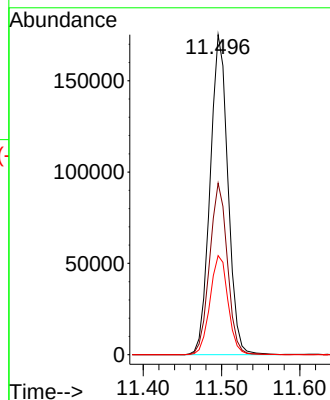
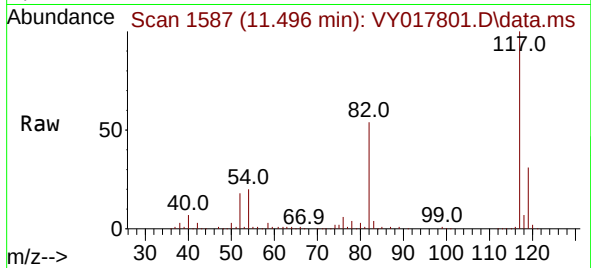




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

Tgt Ion:117 Resp: 276594
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion:152 Resp: 98263
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 155.3 0.0 345.6

