

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017841.D
 Acq On : 04 Apr 2024 09:32
 Operator : SY/MD
 Sample : VY0404SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

Quant Time: Apr 05 00:42:30 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	7.807	168	138450	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	250696	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	215439	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76506	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	72555	60.560	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.734	113	80827	55.795	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.600%
50) Toluene-d8	10.197	98	293256	54.194	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.501	95	72182	43.843	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.680%

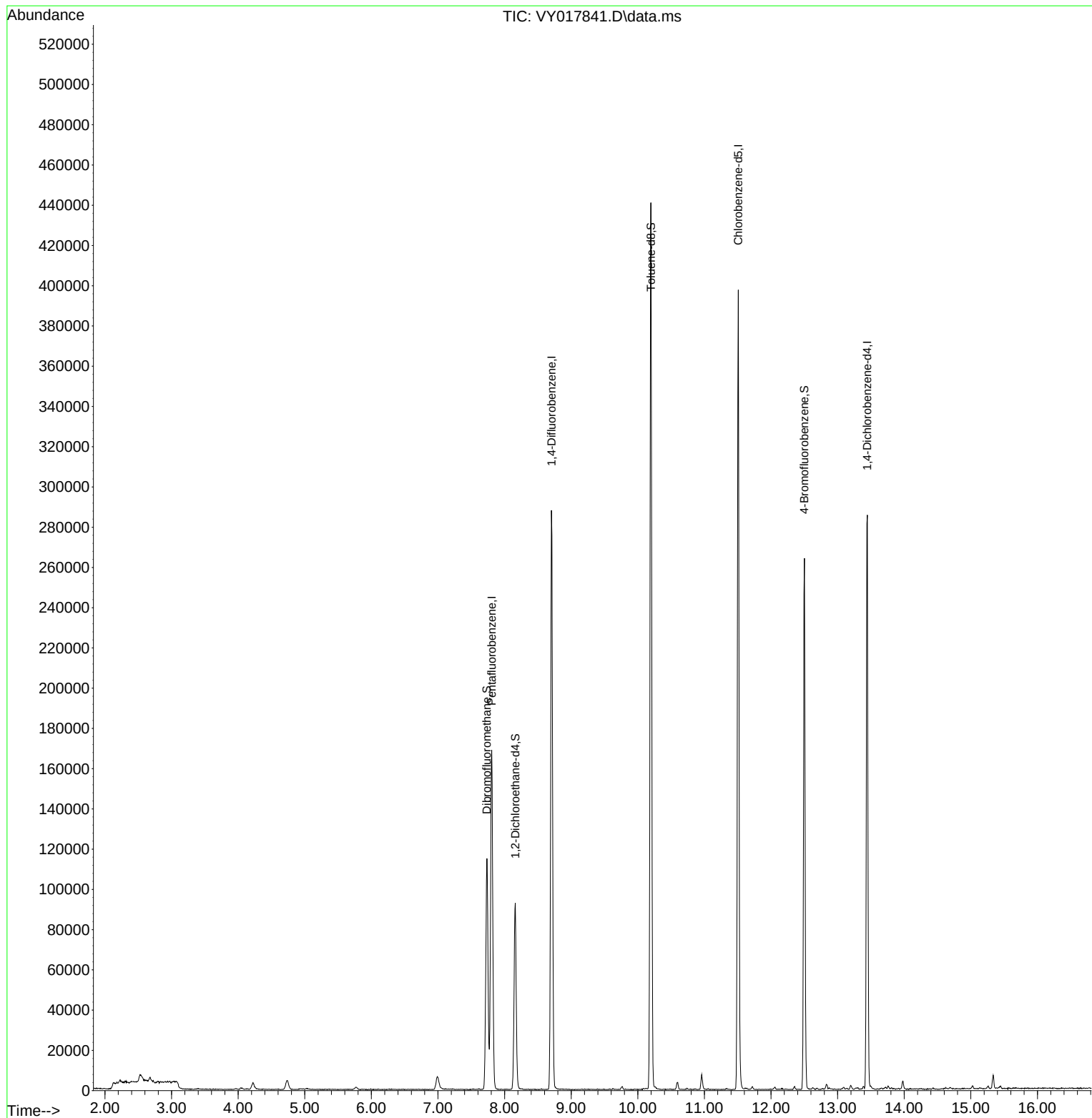
Target Compounds	Qvalue

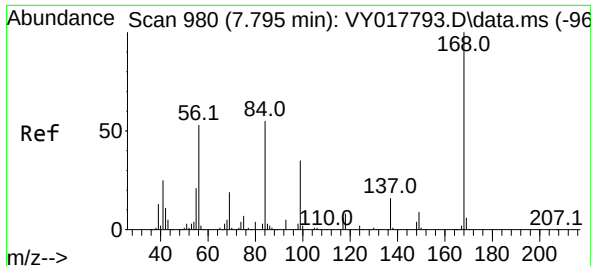
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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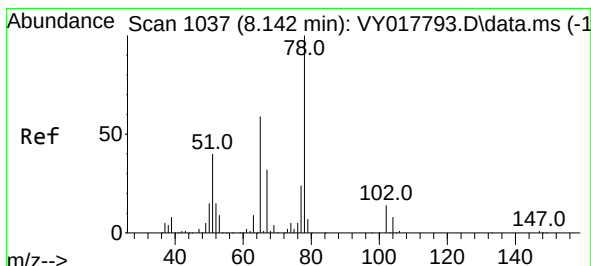
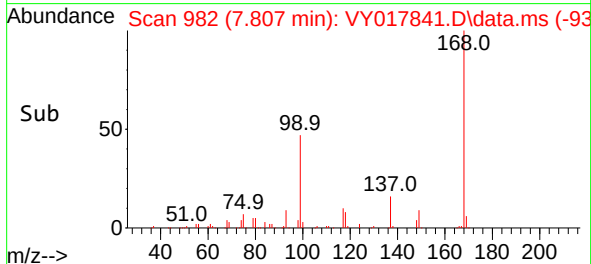
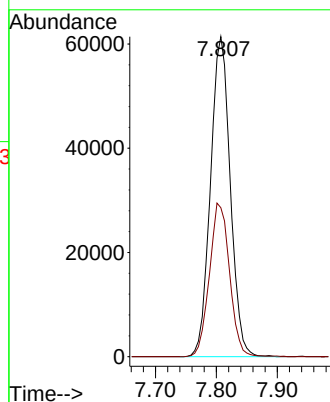
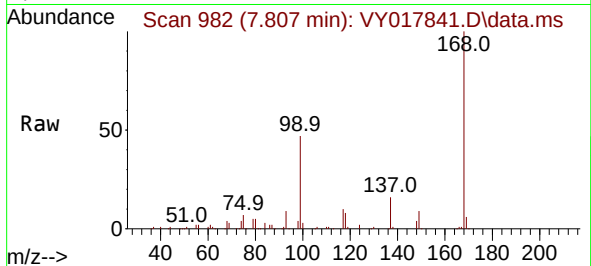




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

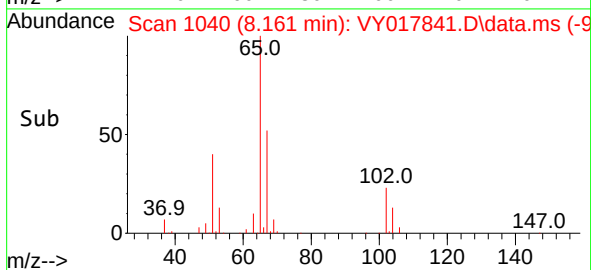
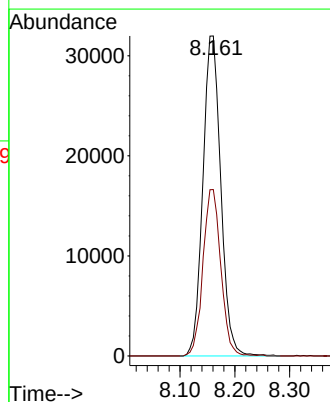
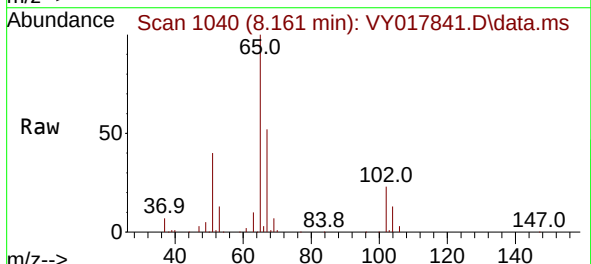
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

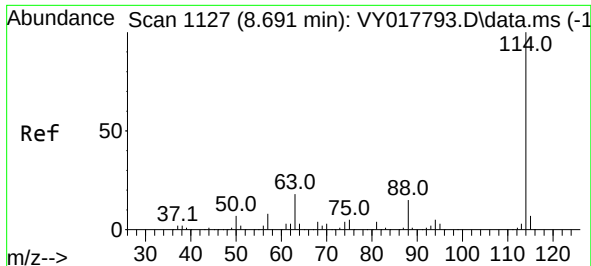
Tgt Ion:168 Resp: 138450
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.560 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 65 Resp: 72555
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01

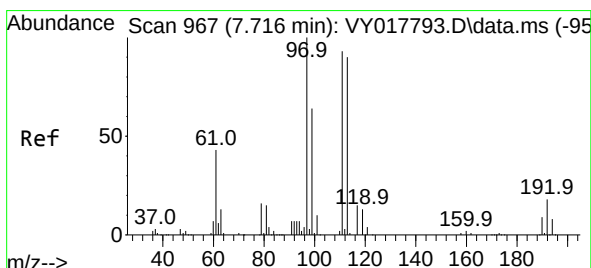
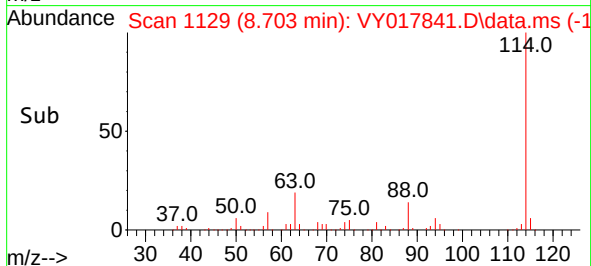
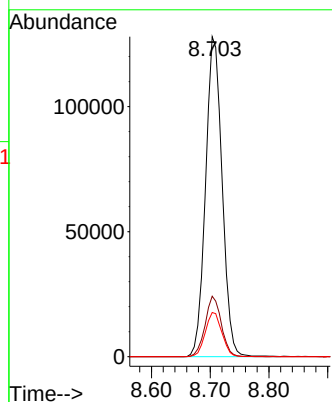
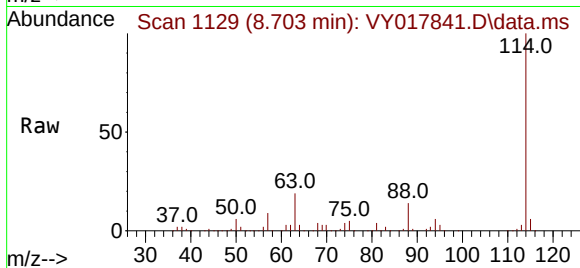
Tgt Ion:114 Resp: 250696

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.795 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

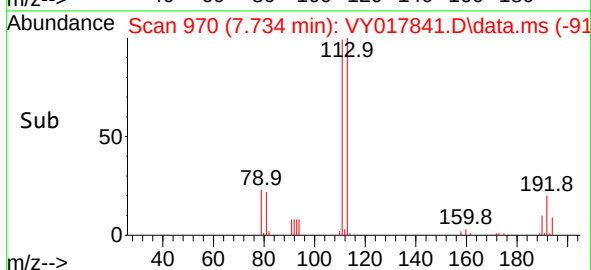
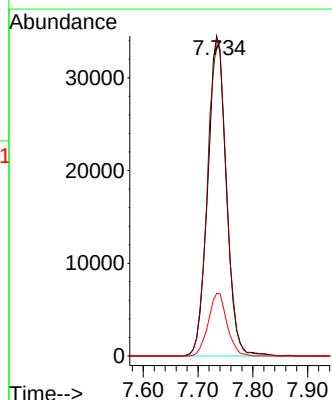
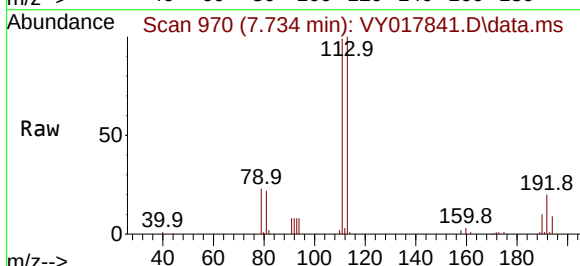
Tgt Ion:113 Resp: 80827

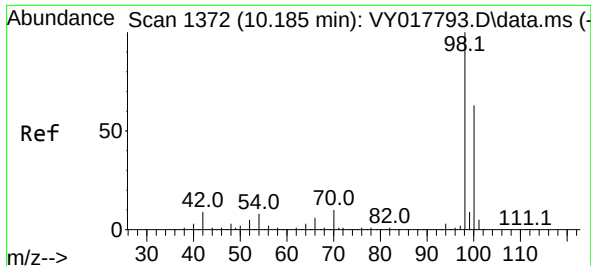
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.8 15.9 23.9

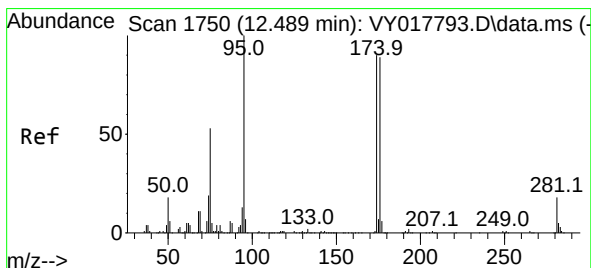
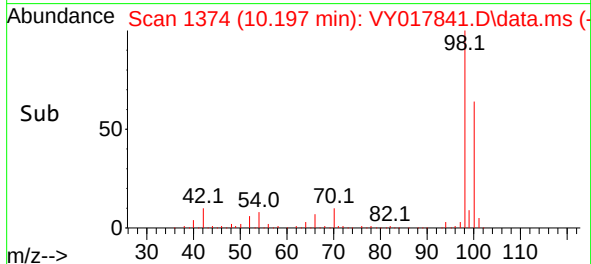
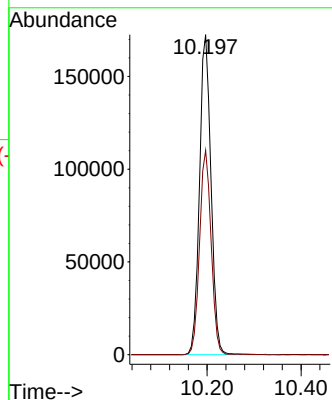
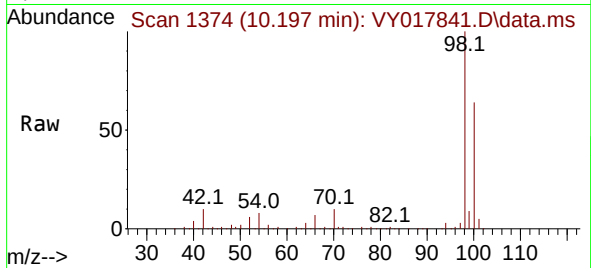




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

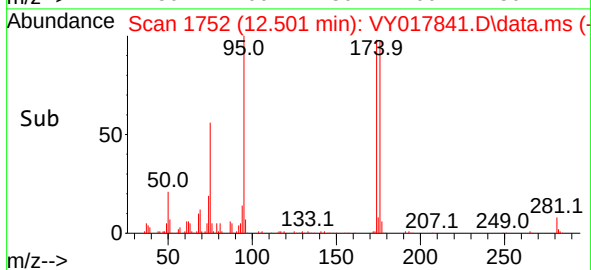
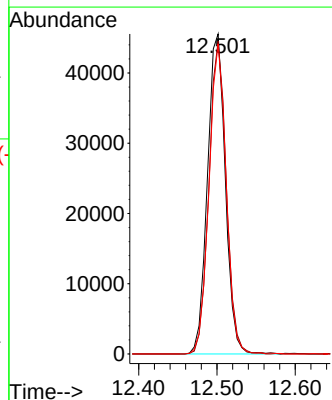
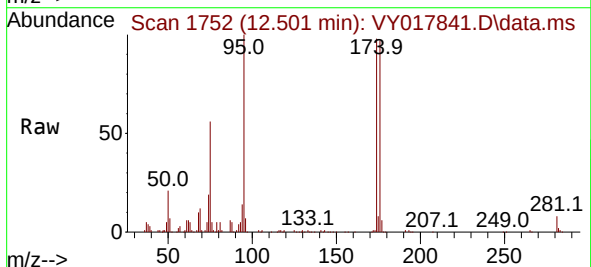
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

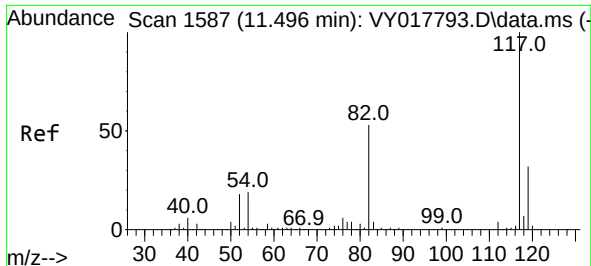
Tgt Ion: 98 Resp: 293256
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 95 Resp: 72182
Ion Ratio Lower Upper
95 100
174 94.8 0.0 175.6
176 93.3 0.0 171.4

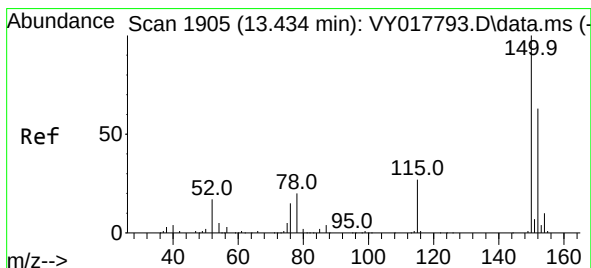
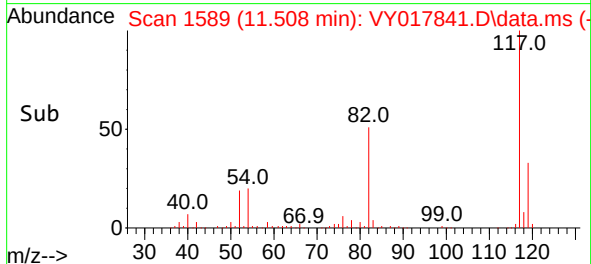
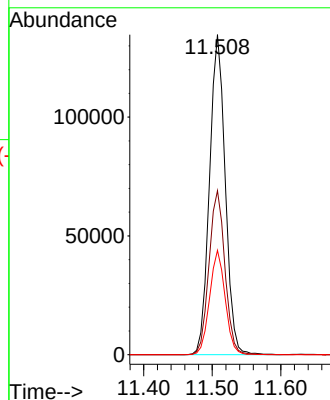
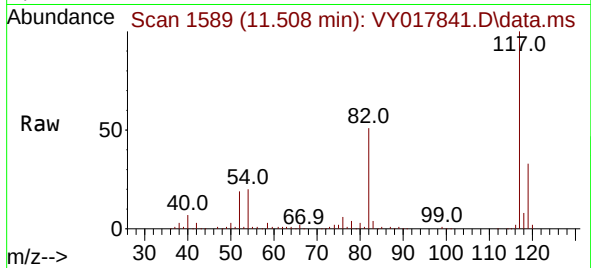




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

Tgt Ion:117 Resp: 215439
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion:152 Resp: 76506
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 154.3 0.0 345.6

