

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017417.D
 Acq On : 20 Feb 2024 12:49
 Operator : SY/MD
 Sample : VY0220SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBL01

Quant Time: Feb 20 15:03:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	127334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	180757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	61329	56.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.760%
35) Dibromofluoromethane	7.734	113	68528	54.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.400%
50) Toluene-d8	10.191	98	261822	53.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.495	95	67748	41.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.440%

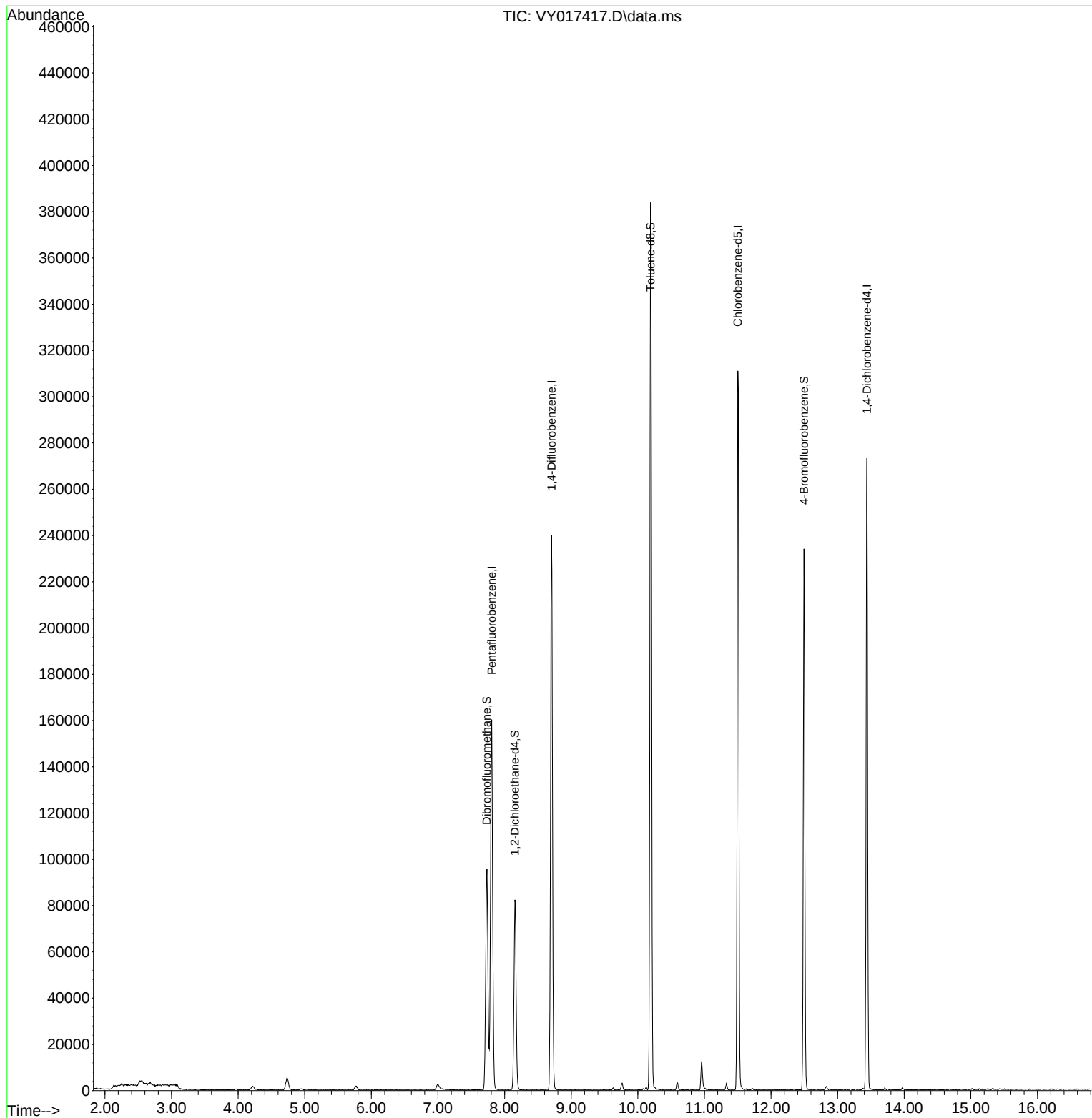
Target Compounds	Qvalue

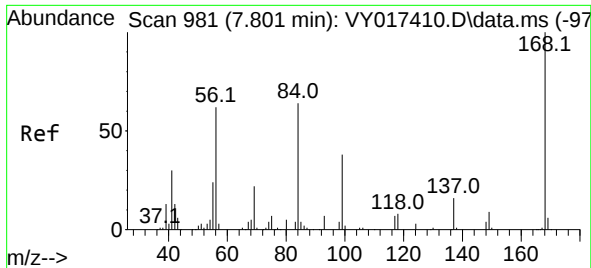
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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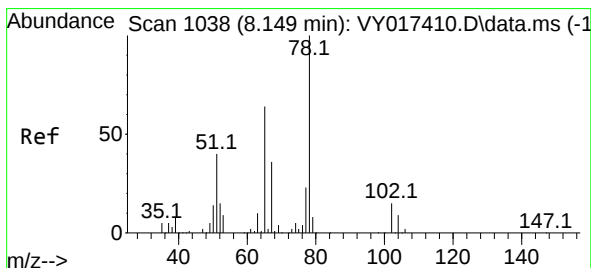
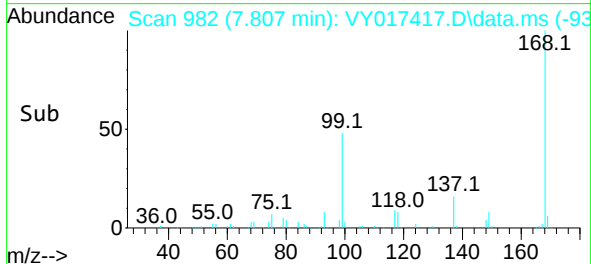
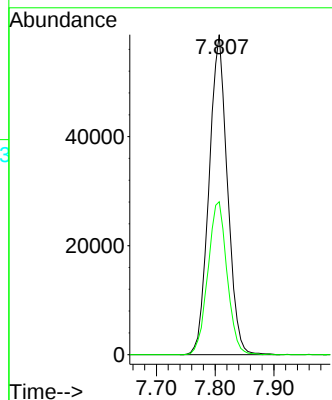
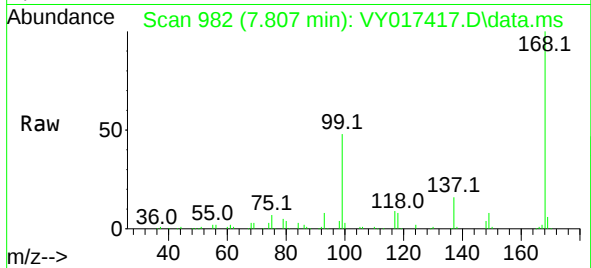




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017417.D
Acq: 20 Feb 2024 12:49

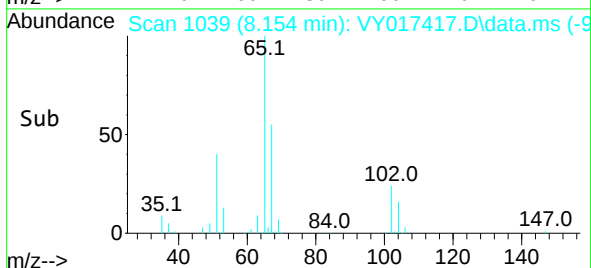
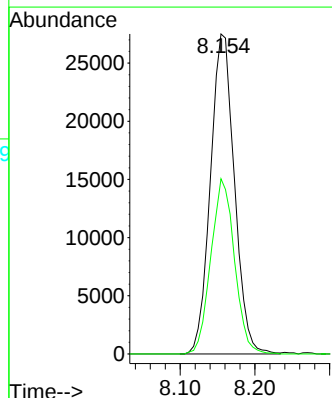
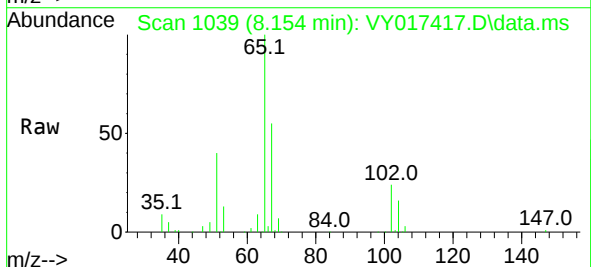
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBL01

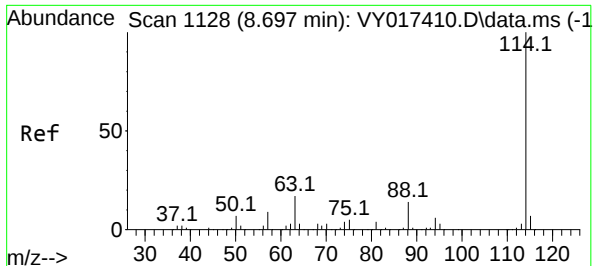
Tgt Ion:168 Resp: 127334
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.379 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017417.D
Acq: 20 Feb 2024 12:49

Tgt Ion: 65 Resp: 61329
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017417.D

Acq: 20 Feb 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBL01

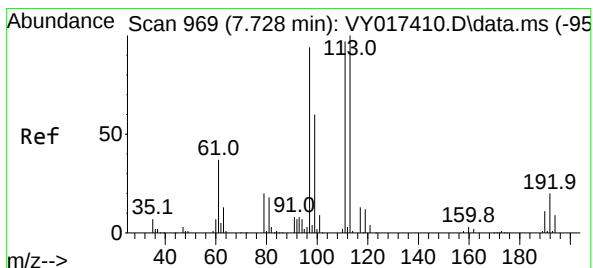
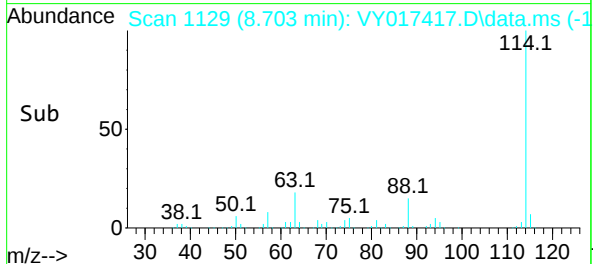
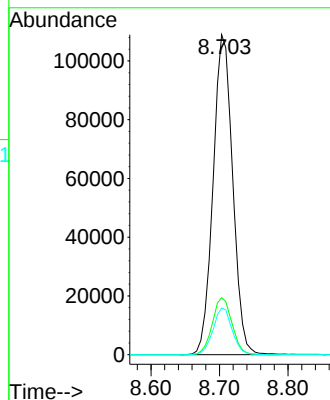
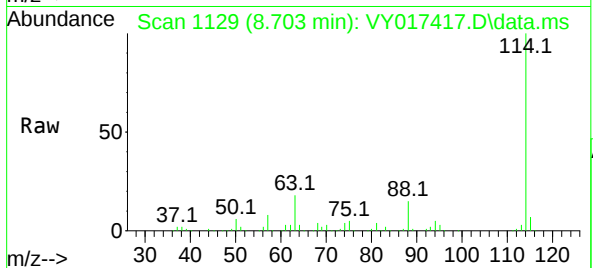
Tgt Ion:114 Resp: 215980

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.204 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017417.D

Acq: 20 Feb 2024 12:49

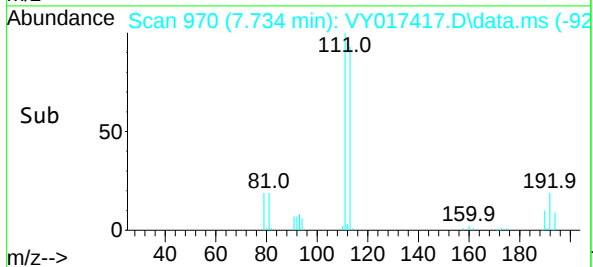
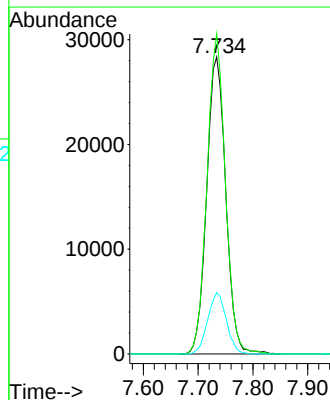
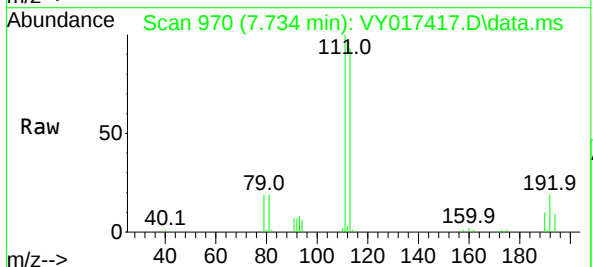
Tgt Ion:113 Resp: 68528

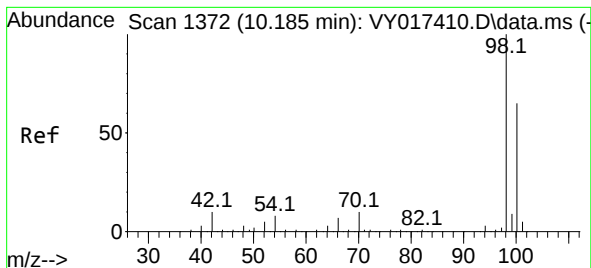
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 53.398 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017417.D

Acq: 20 Feb 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

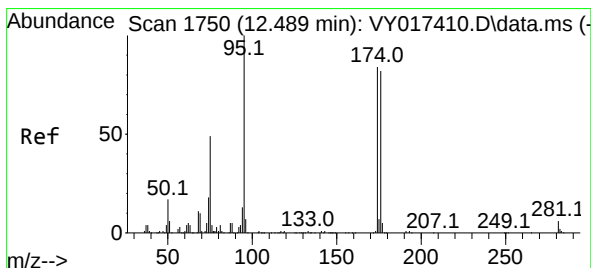
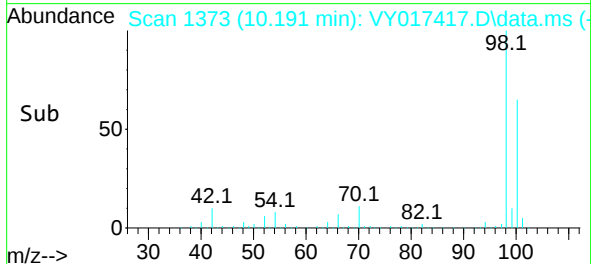
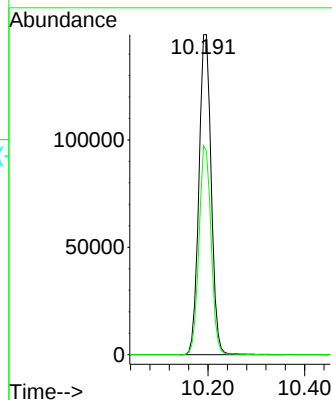
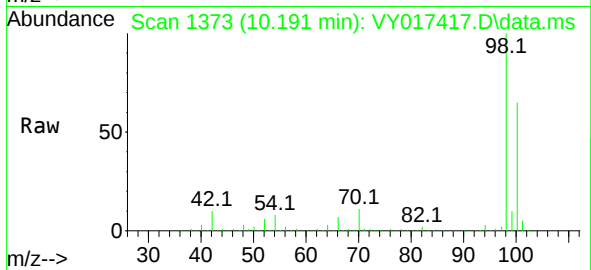
VY0220SBL01

Tgt Ion: 98 Resp: 261822

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.724 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017417.D

Acq: 20 Feb 2024 12:49

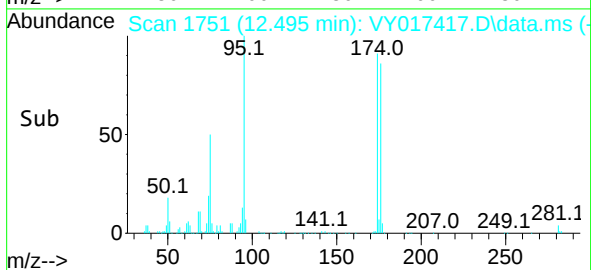
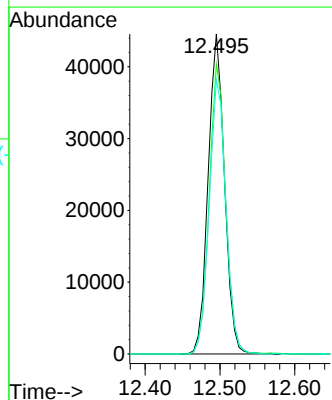
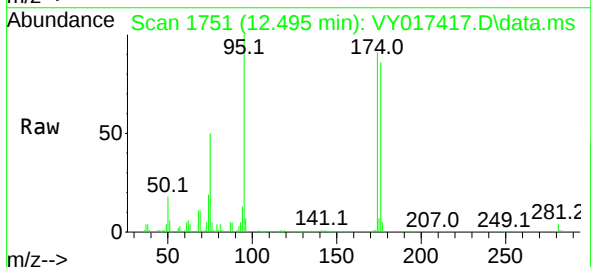
Tgt Ion: 95 Resp: 67748

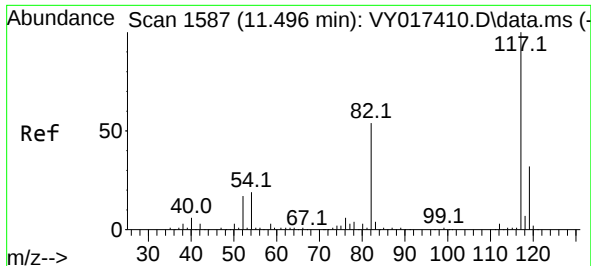
Ion Ratio Lower Upper

95 100

174 91.7 0.0 175.6

176 87.6 0.0 171.4

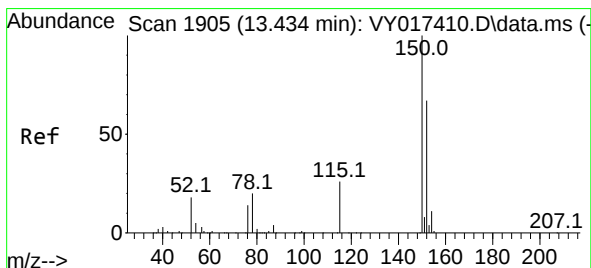
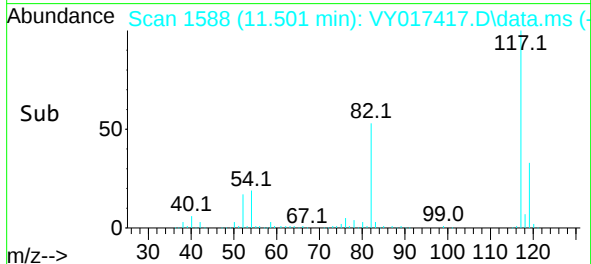
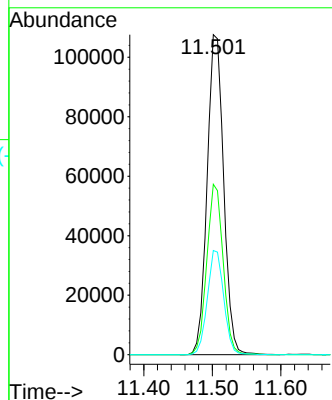
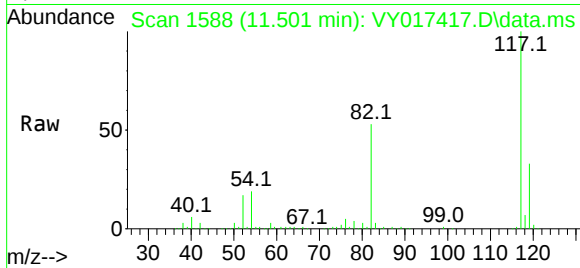




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017417.D
Acq: 20 Feb 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBL01

Tgt Ion:117 Resp: 180757
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017417.D
Acq: 20 Feb 2024 12:49

Tgt Ion:152 Resp: 72078
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.7 0.0 345.6

