

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017538.D
 Acq On : 29 Feb 2024 19:16
 Operator : SY/MD
 Sample : P1620-31
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Mar 01 00:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	34724	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	47478	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	33921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	9344	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	10965	33.319	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.640%
35) Dibromofluoromethane	7.728	113	14730	44.523	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.040%
50) Toluene-d8	10.191	98	50917	44.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.040%
62) 4-Bromofluorobenzene	12.495	95	9160	25.197	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.400%

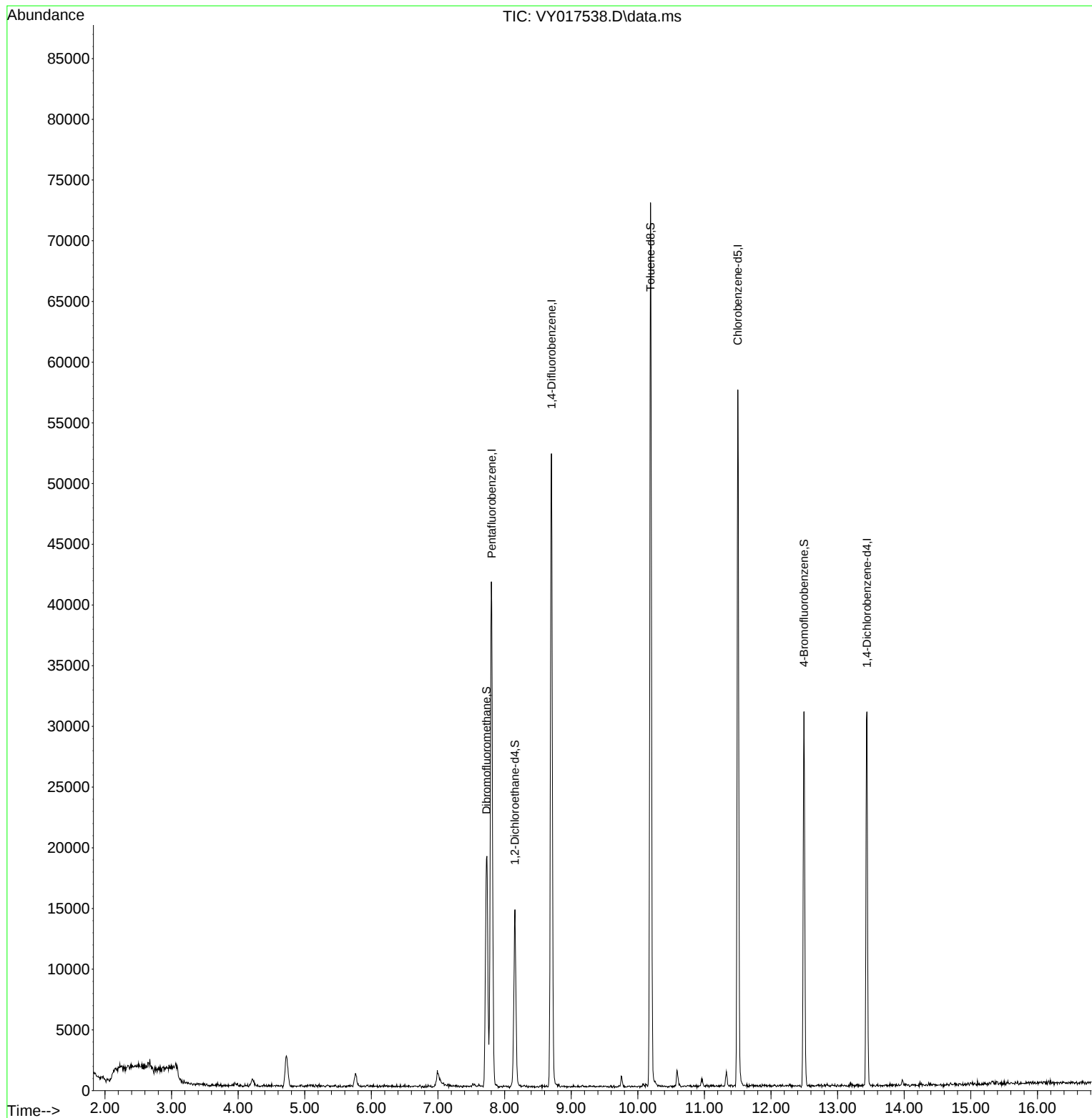
Target Compounds	Qvalue

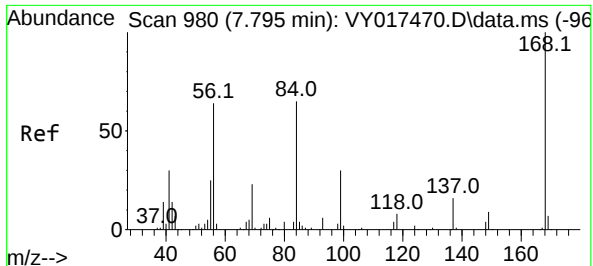
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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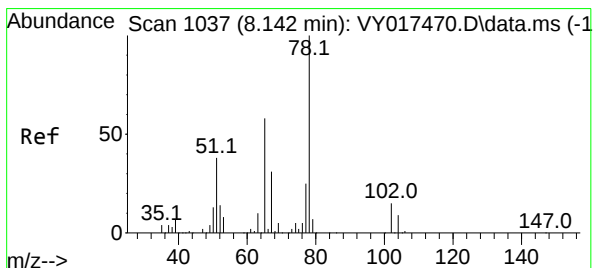
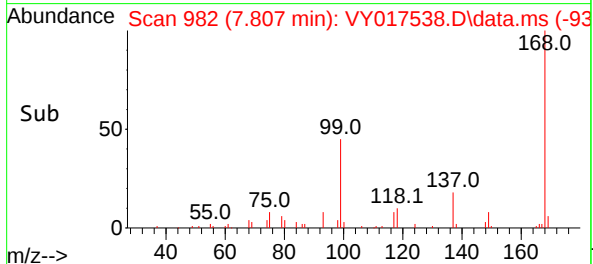
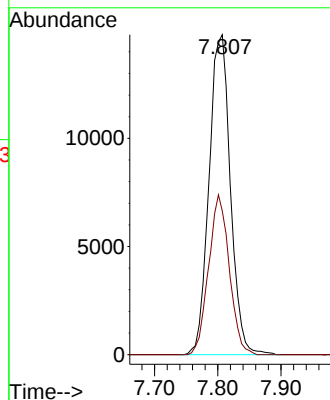
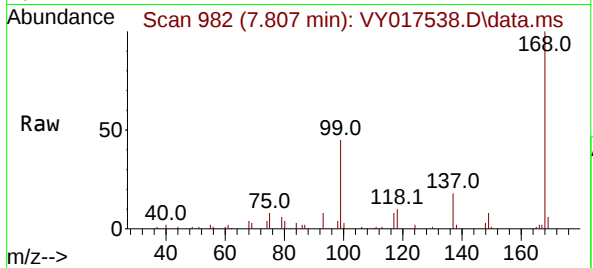




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

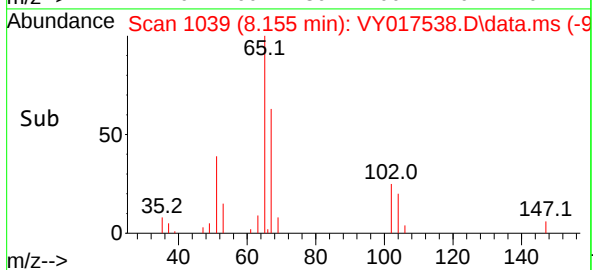
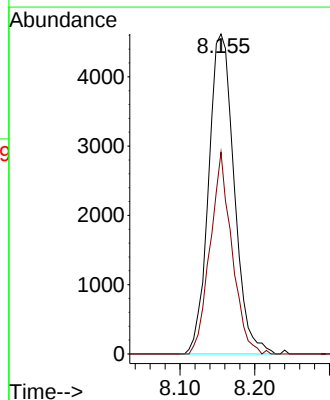
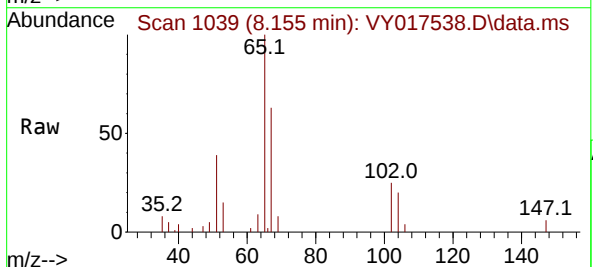
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

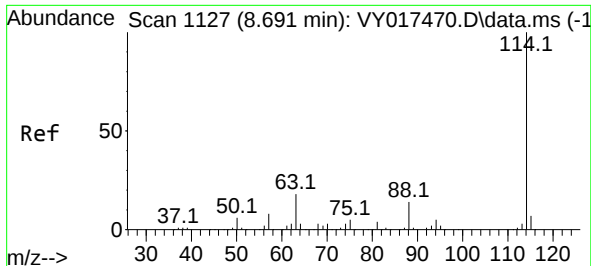
Tgt Ion:168 Resp: 34724
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 33.319 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion: 65 Resp: 10965
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

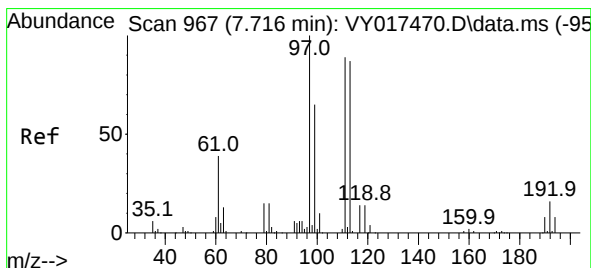
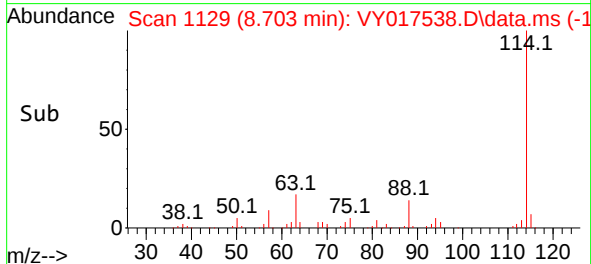
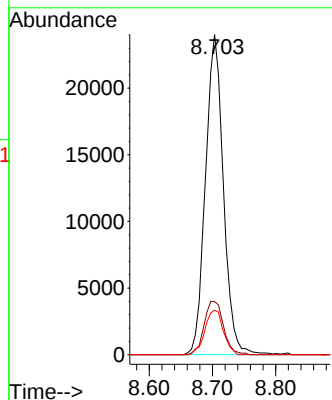
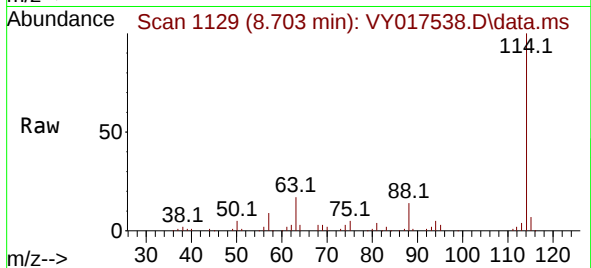
Tgt Ion:114 Resp: 47478

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.523 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

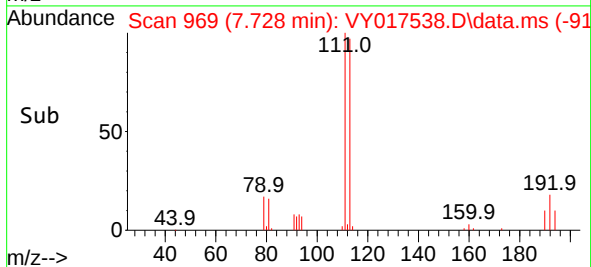
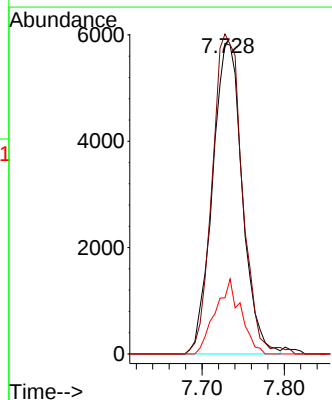
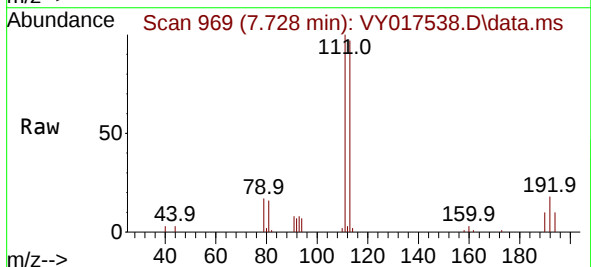
Tgt Ion:113 Resp: 14730

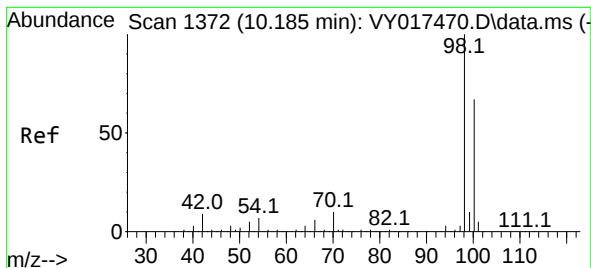
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 44.017 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

Instrument :

MSVOA_Y

ClientSampleId :

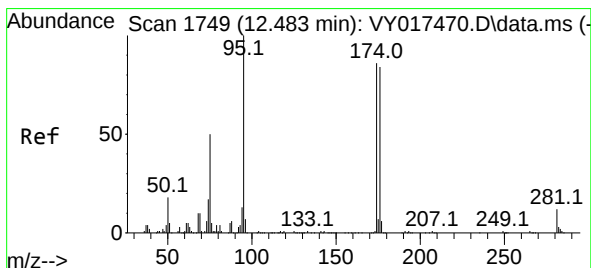
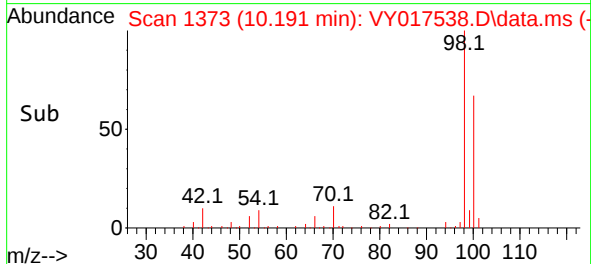
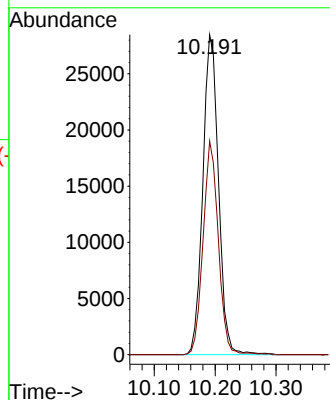
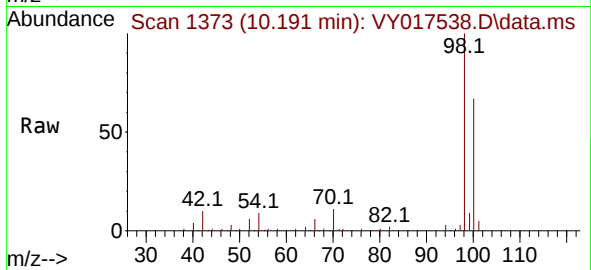
SP-4

Tgt Ion: 98 Resp: 50917

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.197 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017538.D

Acq: 29 Feb 2024 19:16

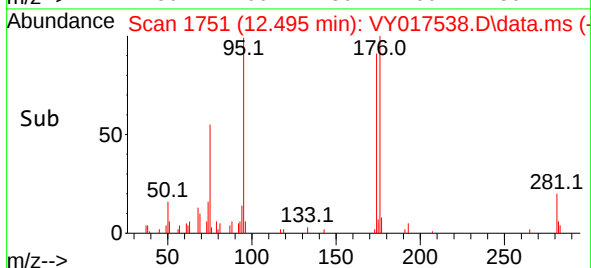
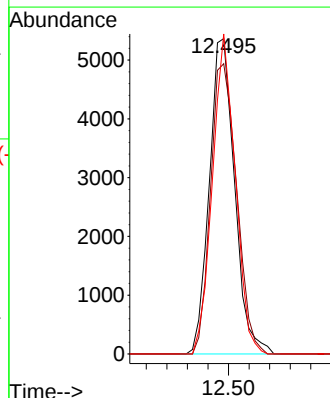
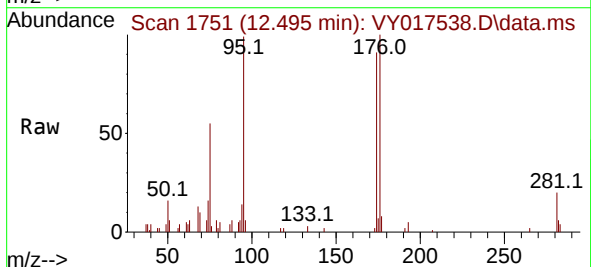
Tgt Ion: 95 Resp: 9160

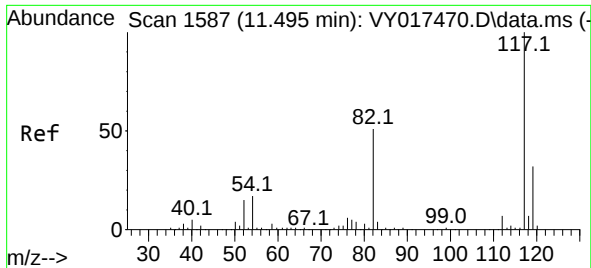
Ion Ratio Lower Upper

95 100

174 95.2 0.0 175.6

176 91.6 0.0 171.4

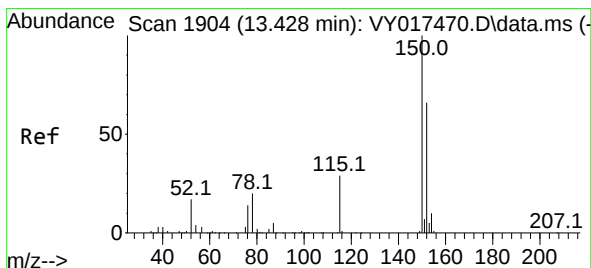
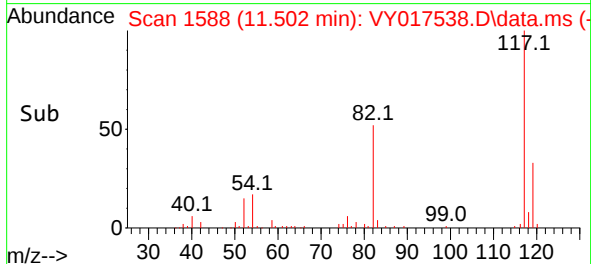
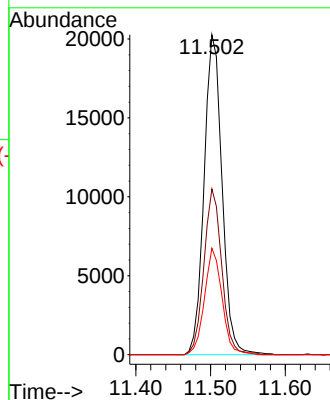
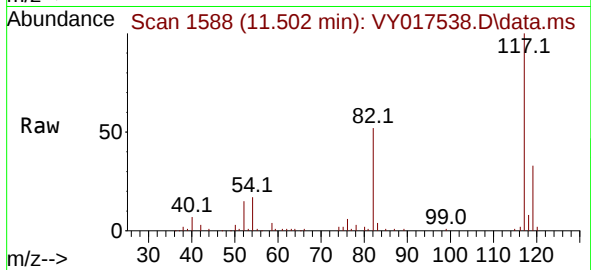




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Instrument :
MSVOA_Y
ClientSampleId :
SP-4

Tgt Ion:117 Resp: 33921
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017538.D
Acq: 29 Feb 2024 19:16

Tgt Ion:152 Resp: 9344
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 152.1 0.0 345.6

