

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018062.D
 Acq On : 26 Apr 2024 15:03
 Operator : SY/MD
 Sample : P2274-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUMP-COMP

Quant Time: Apr 27 01:09:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	59385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	64440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20335	39.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.140%
35) Dibromofluoromethane	7.722	113	27349	53.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.380%
50) Toluene-d8	10.185	98	88870	45.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.489	95	19401	32.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.220%

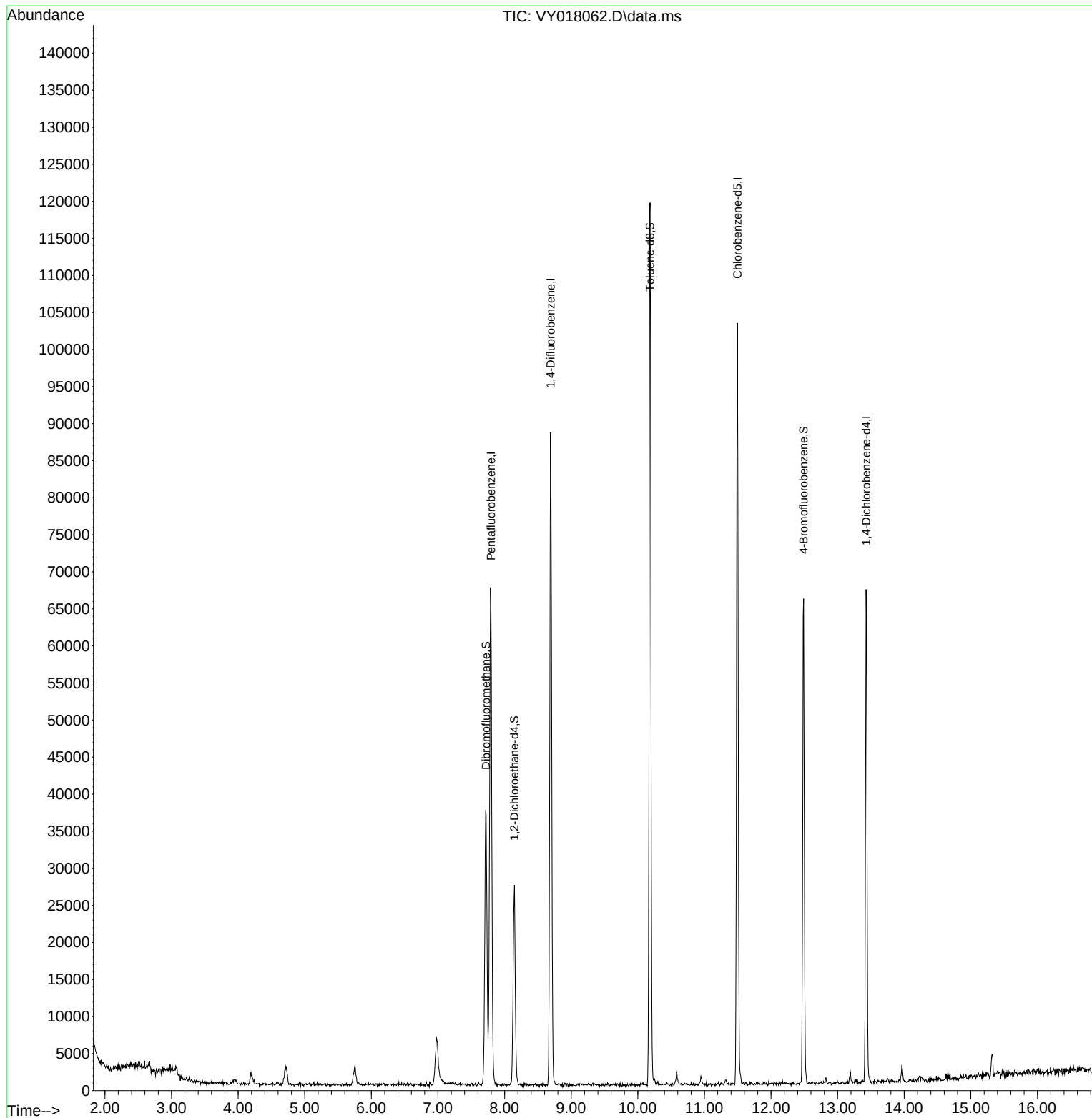
Target Compounds	Qvalue

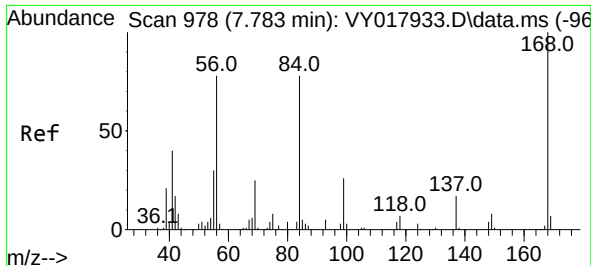
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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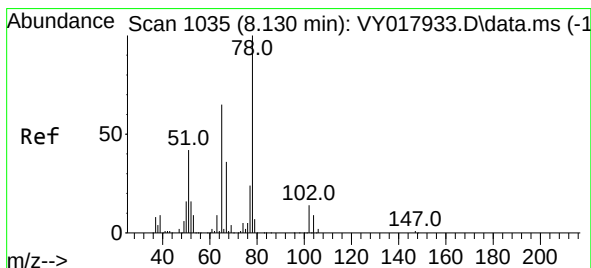
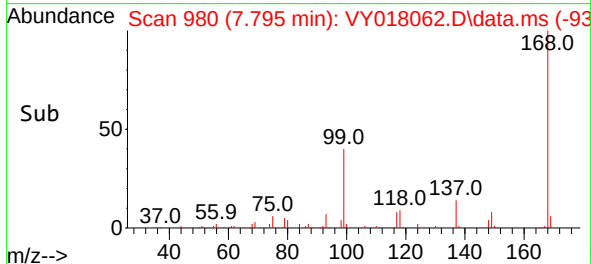
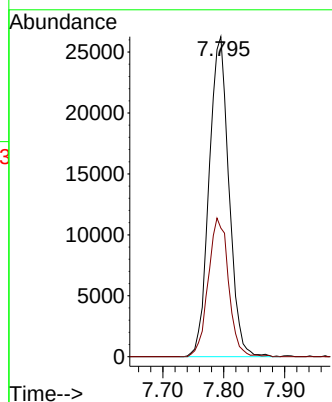
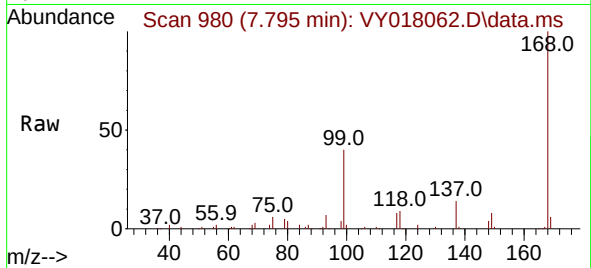




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

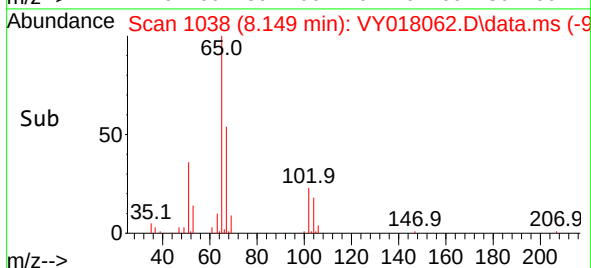
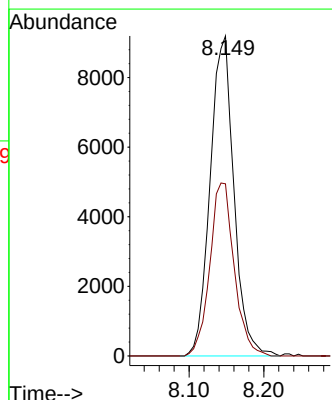
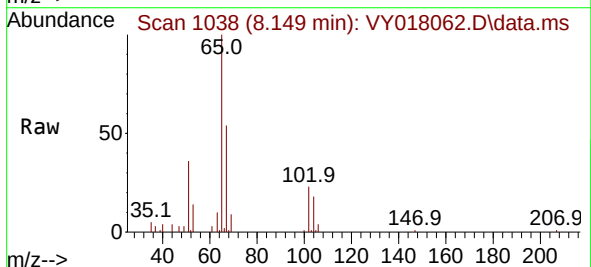
Instrument :
MSVOA_Y
ClientSampleId :
DRUMP-COMP

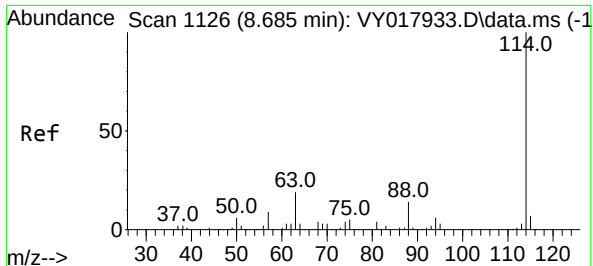
Tgt Ion:168 Resp: 59385
Ion Ratio Lower Upper
168 100
99 40.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.570 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion: 65 Resp: 20335
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

DRUMP-COMP

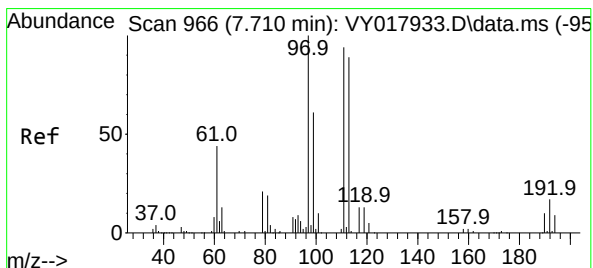
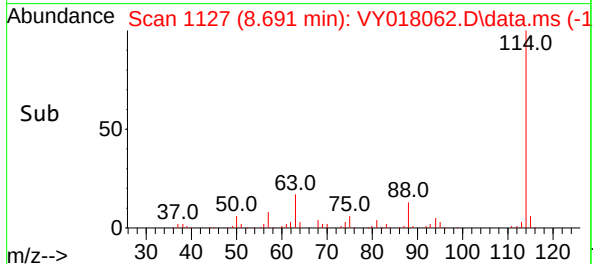
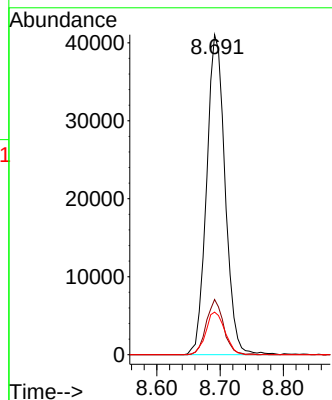
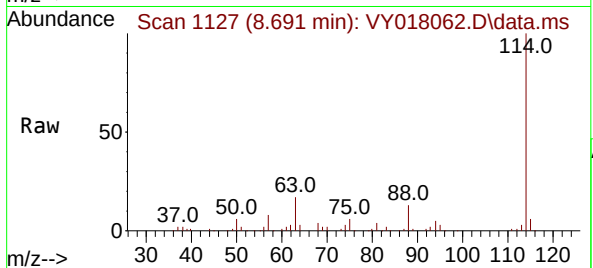
Tgt Ion:114 Resp: 83345

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.189 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

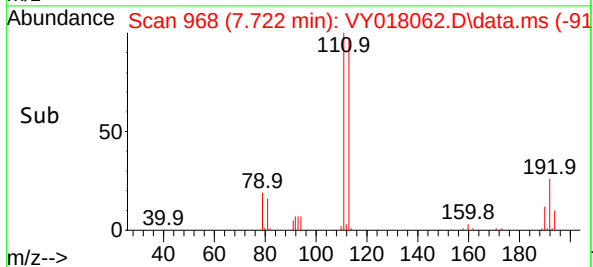
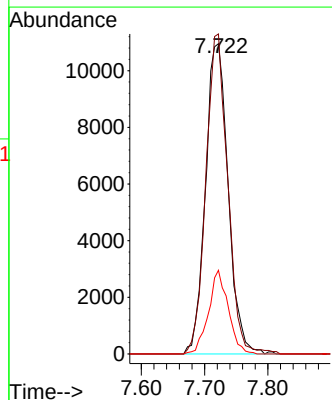
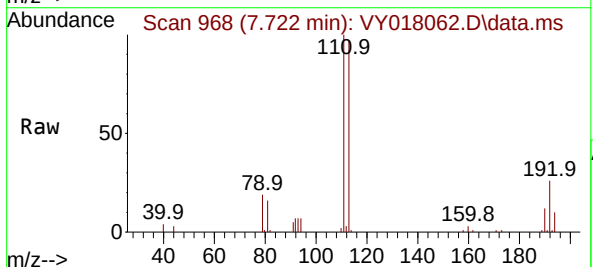
Tgt Ion:113 Resp: 27349

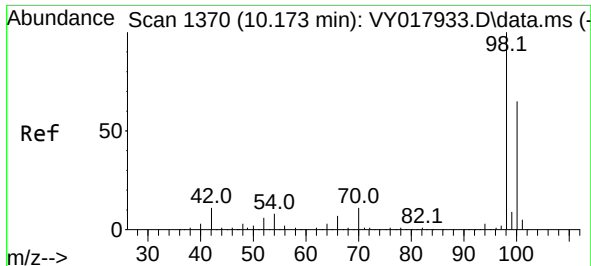
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 23.5 15.9 23.9





#50

Toluene-d8

Concen: 45.549 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

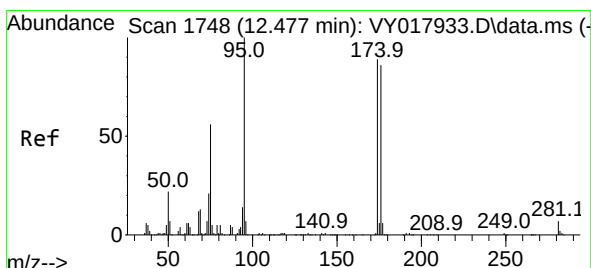
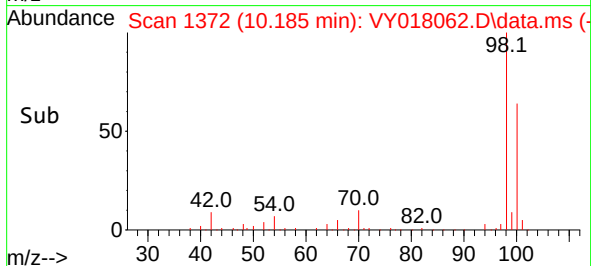
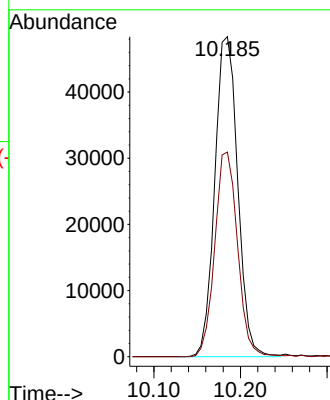
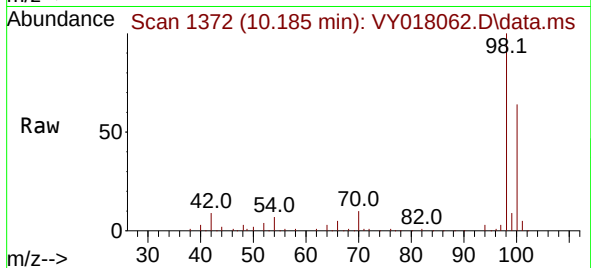
DRUMP-COMP

Tgt Ion: 98 Resp: 88870

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.107 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY018062.D

Acq: 26 Apr 2024 15:03

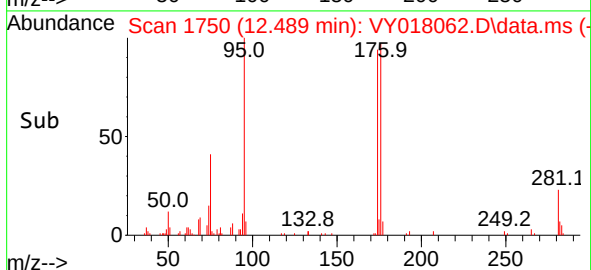
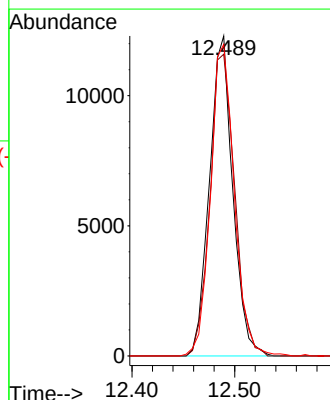
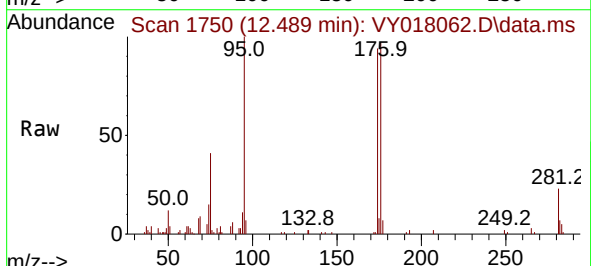
Tgt Ion: 95 Resp: 19401

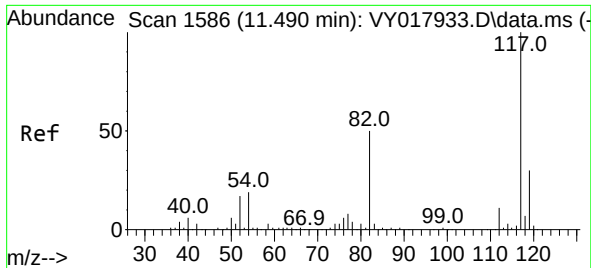
Ion Ratio Lower Upper

95 100

174 99.7 0.0 175.6

176 99.1 0.0 171.4

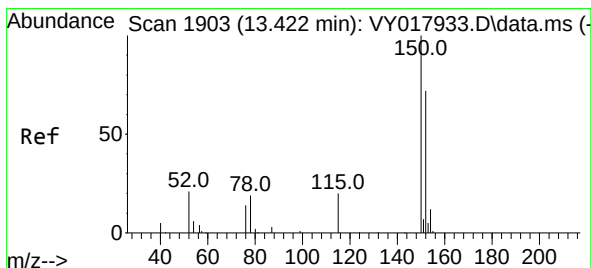
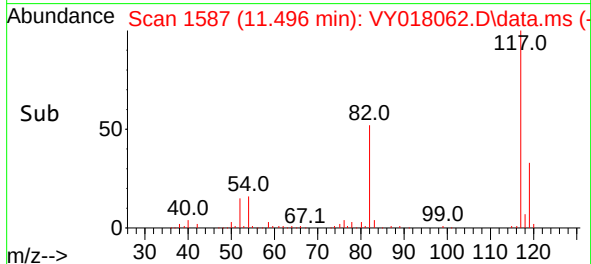
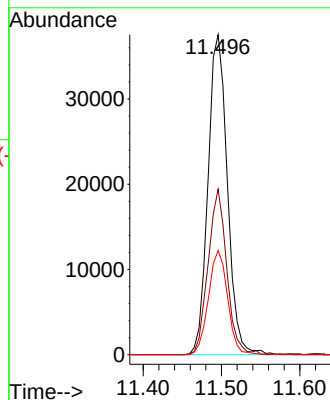
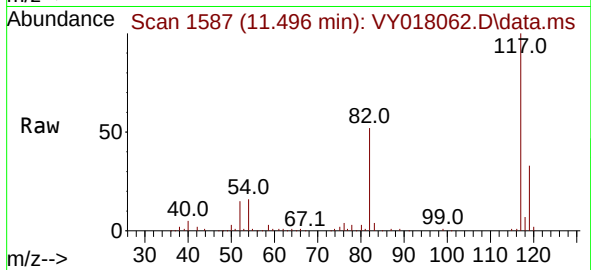




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
DRUMP-COMP

Tgt Ion:117 Resp: 64440
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018062.D
Acq: 26 Apr 2024 15:03

Tgt Ion:152 Resp: 19879
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 154.4 0.0 345.6

