

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017725.D
 Acq On : 20 Mar 2024 14:43
 Operator : SY/MD
 Sample : P1817-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-148-SB01

Quant Time: Mar 21 03:14:22 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	7.795	168	105885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	56491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53931	53.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.480%
35) Dibromofluoromethane	7.722	113	65074	46.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.060%
50) Toluene-d8	10.185	98	232682	47.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.489	95	56541	36.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.800%

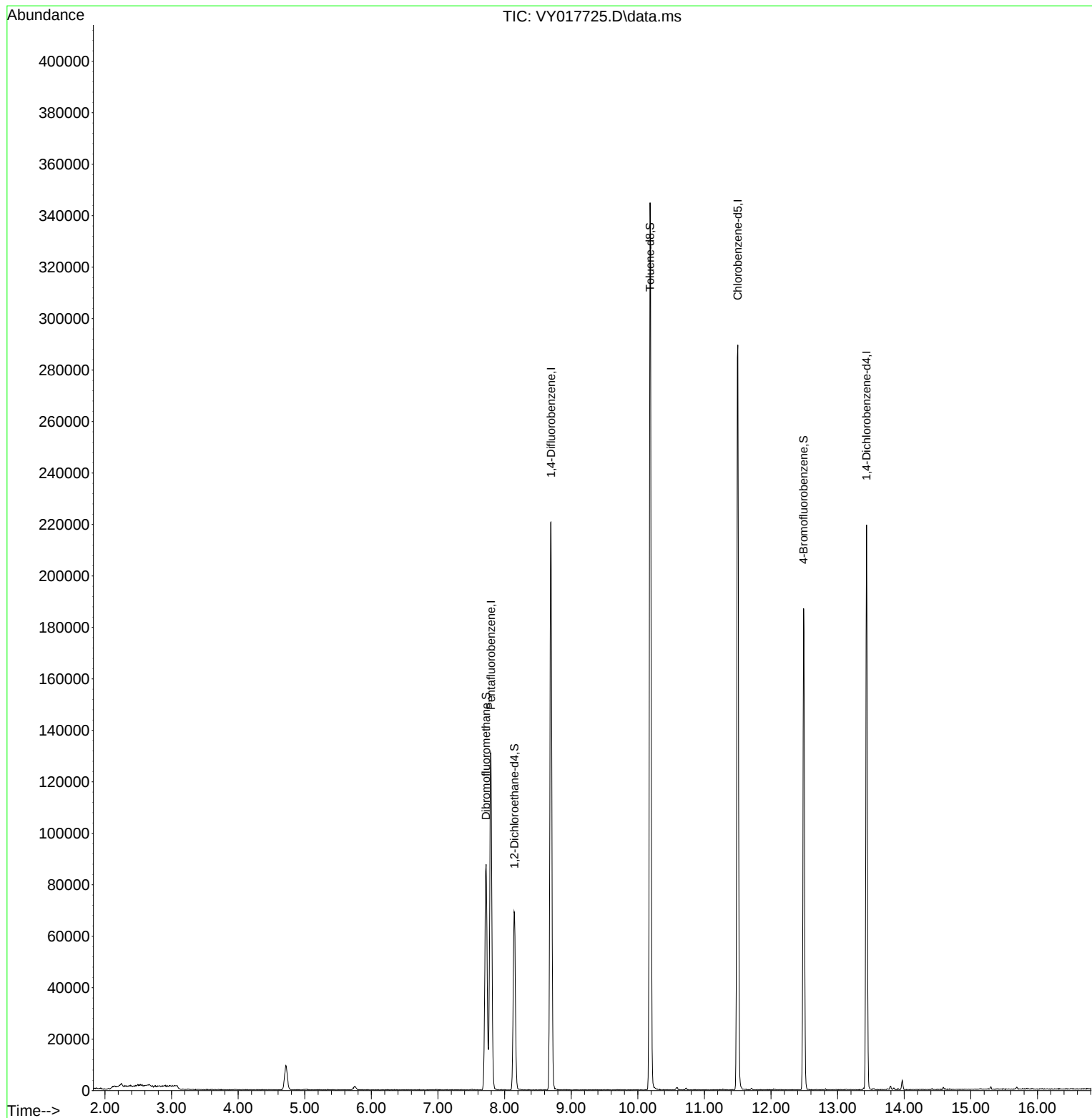
Target Compounds	Qvalue

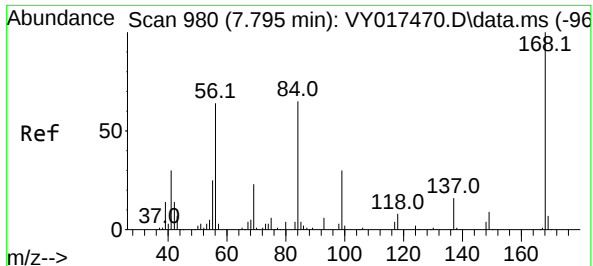
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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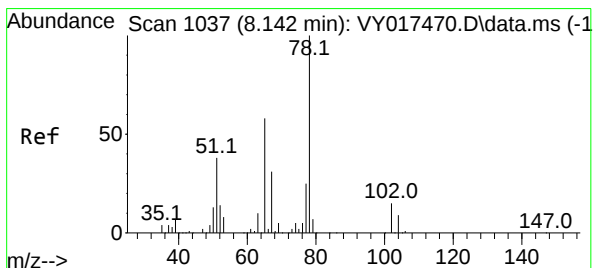
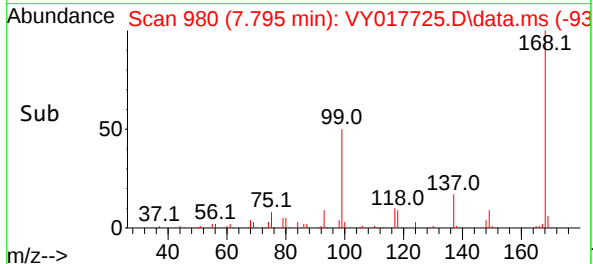
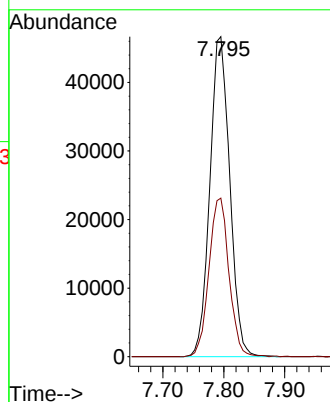
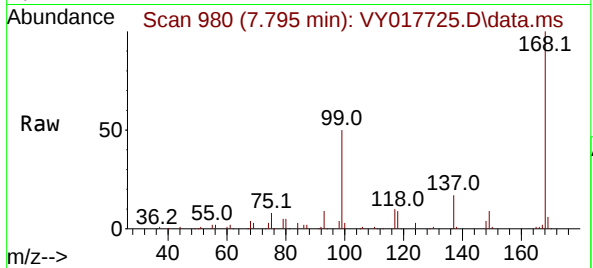




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

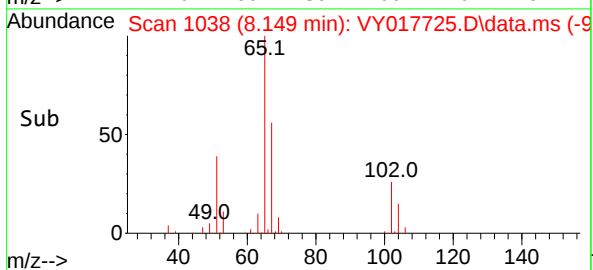
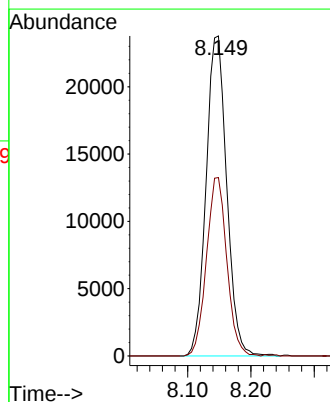
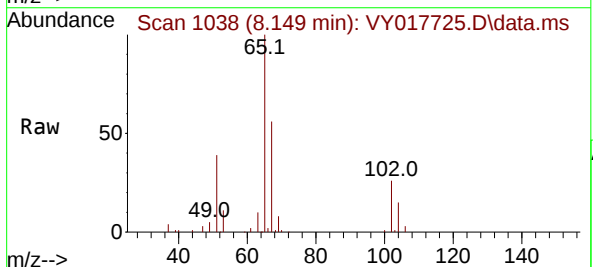
Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB01

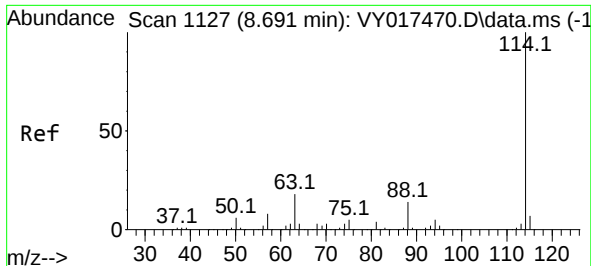
Tgt Ion:168 Resp: 105885
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.743 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 65 Resp: 53931
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017725.D

Acq: 20 Mar 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

B-148-SB01

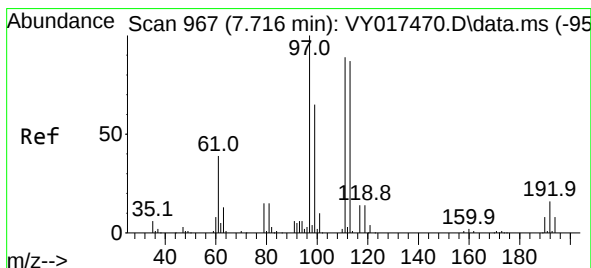
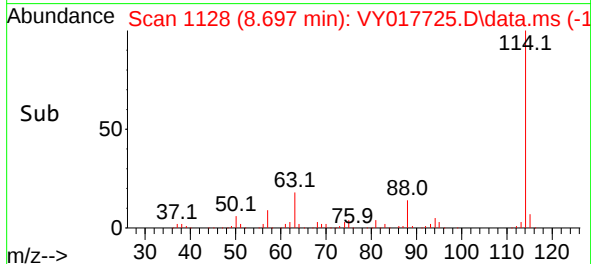
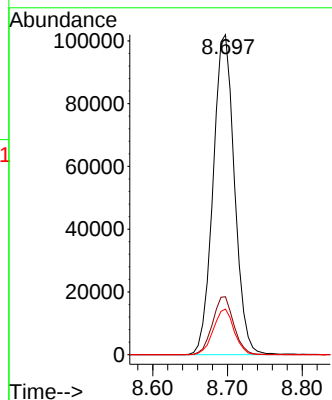
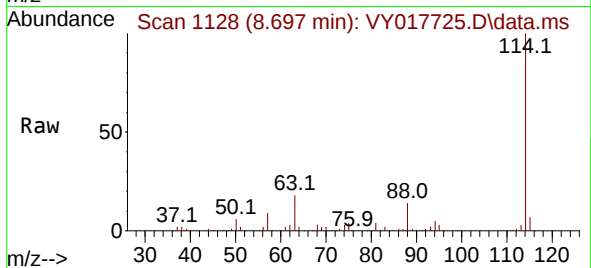
Tgt Ion:114 Resp: 202883

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.029 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017725.D

Acq: 20 Mar 2024 14:43

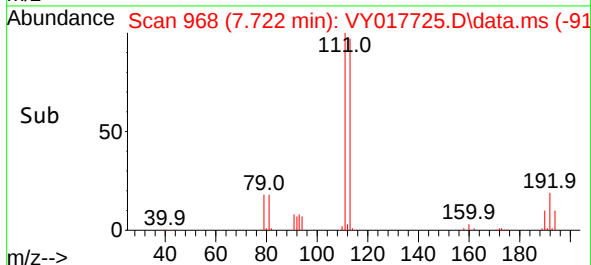
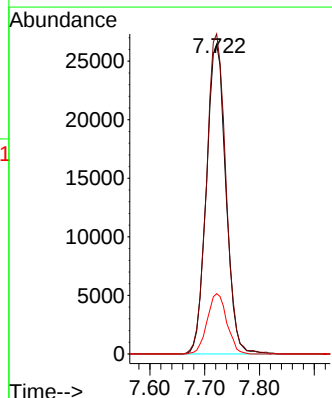
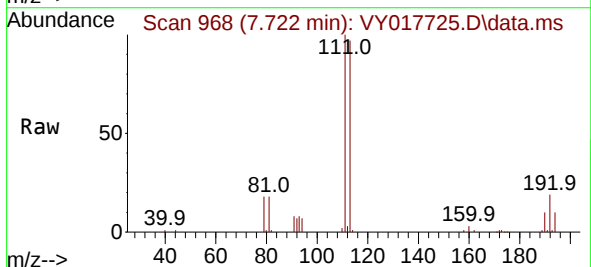
Tgt Ion:113 Resp: 65074

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.6 15.9 23.9

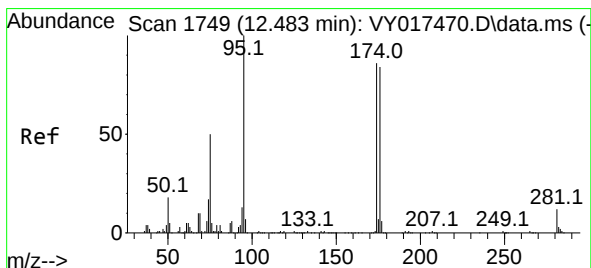
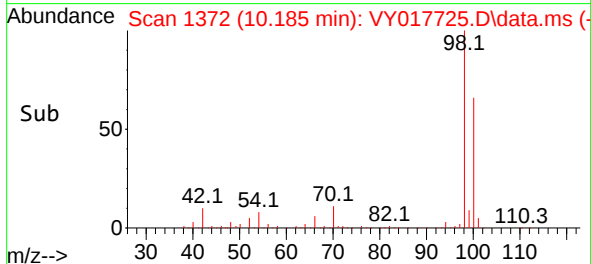
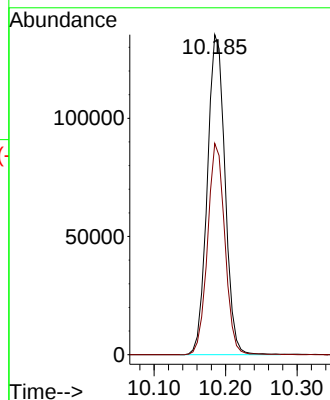
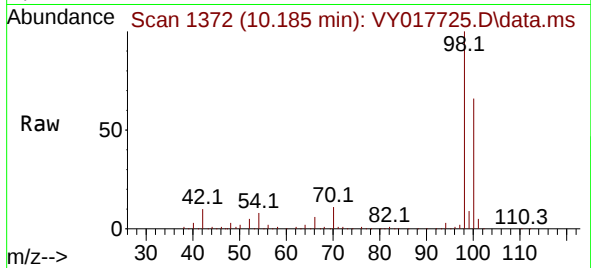




#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

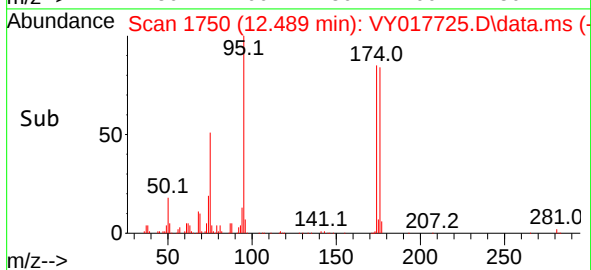
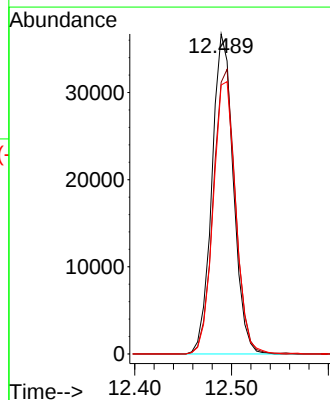
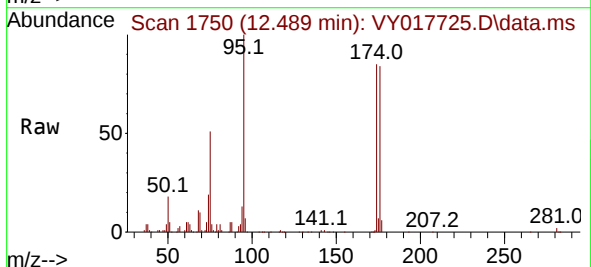
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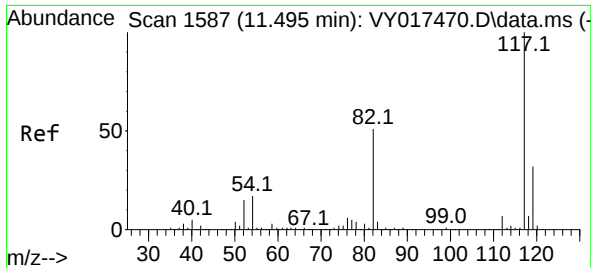
Tgt Ion: 98 Resp: 232682
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.397 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 95 Resp: 56541
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 89.4 0.0 171.4

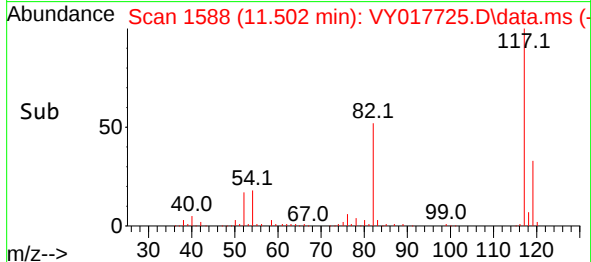
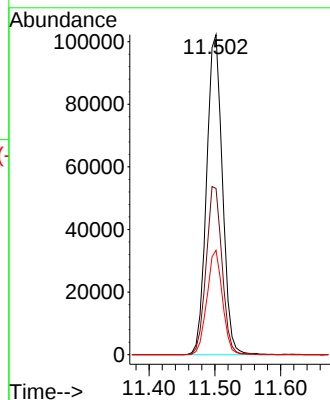
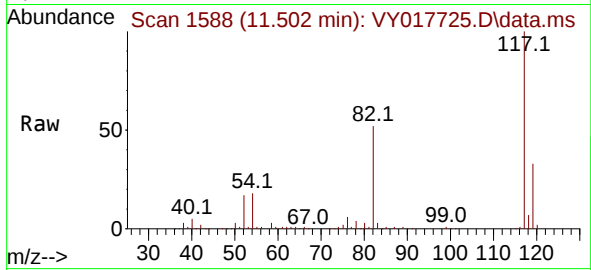




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB01

Tgt Ion:117 Resp: 171359
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017725.D
Acq: 20 Mar 2024 14:43

Tgt Ion:152 Resp: 56491
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.6 0.0 345.6

