

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016248.D
 Acq On : 07 Nov 2023 12:45
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 07 23:44:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	108747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61138	60.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.160%
35) Dibromofluoromethane	7.722	113	57186	50.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.200%
50) Toluene-d8	10.185	98	225812	49.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.489	95	77779	50.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.520%

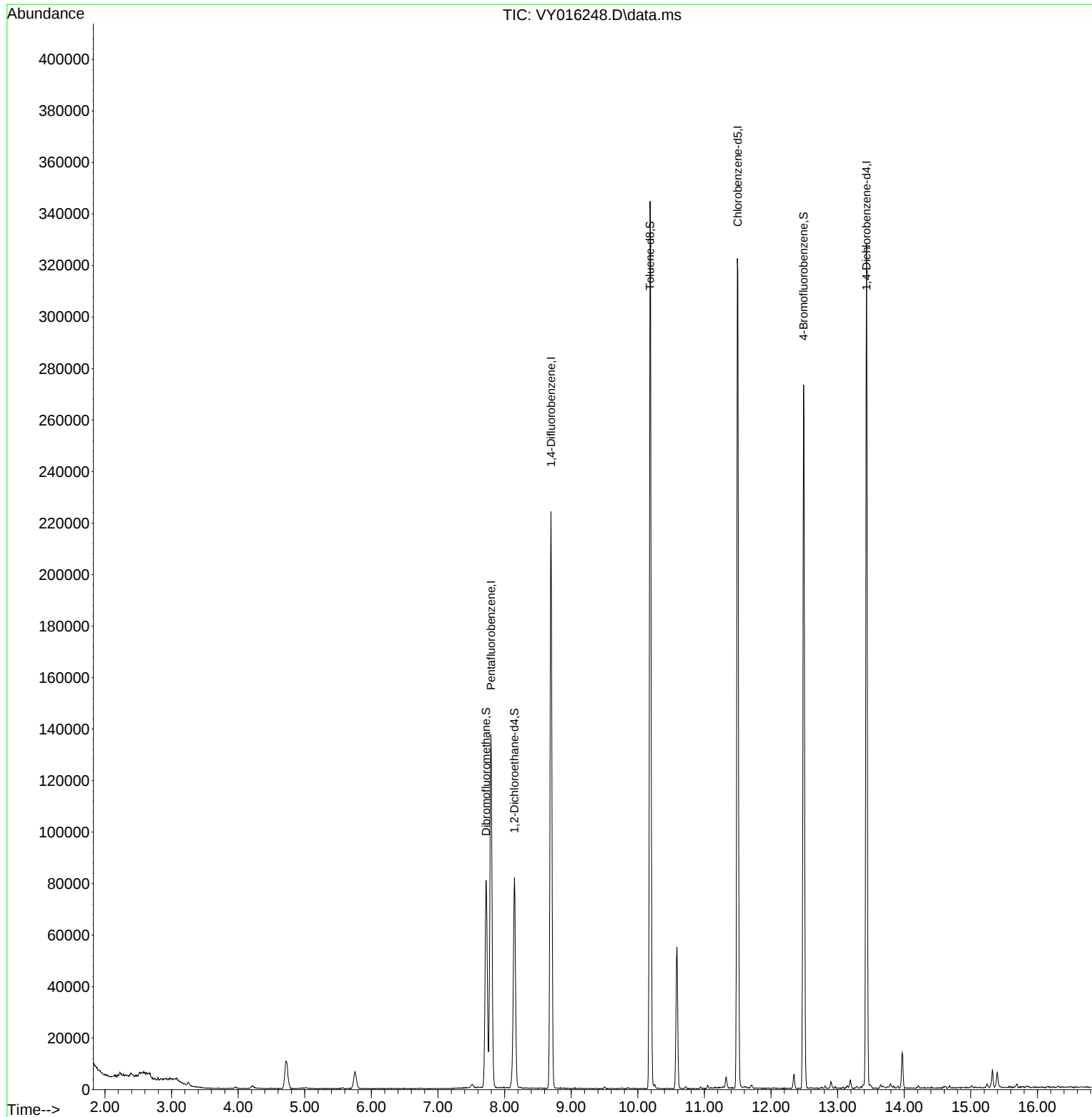
Target Compounds	Qvalue

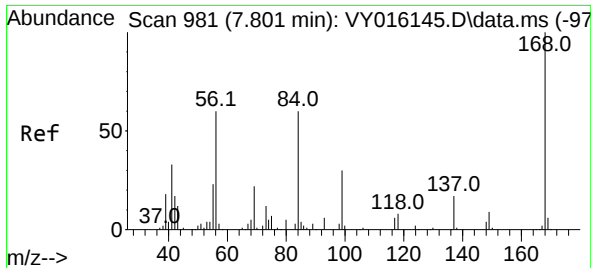
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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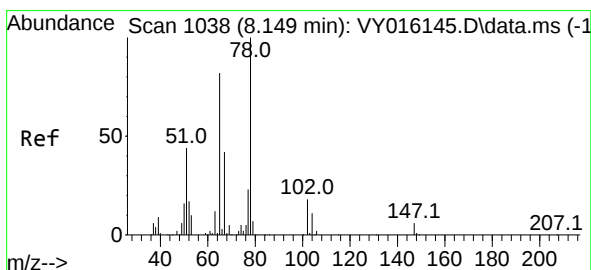
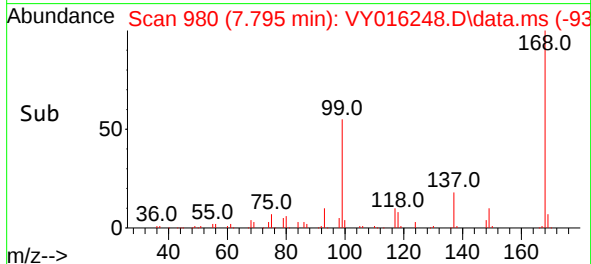
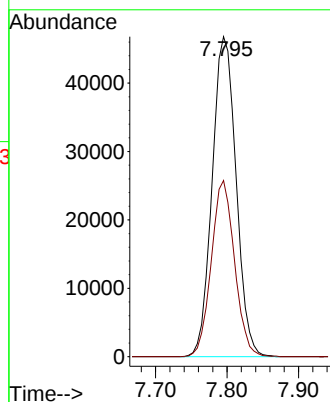
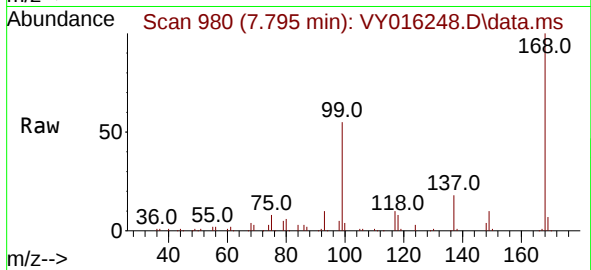




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

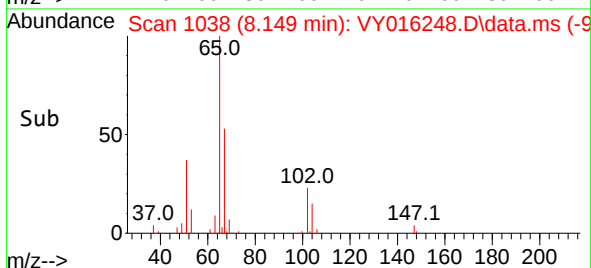
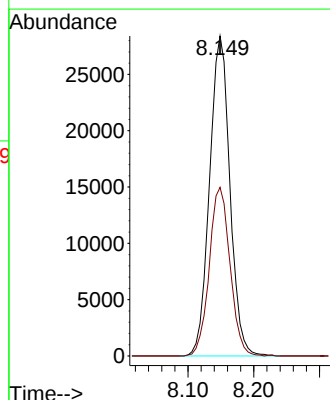
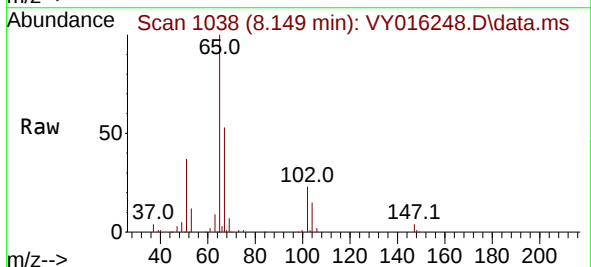
Instrument :
MSVOA_Y
ClientSampleId :
BLK

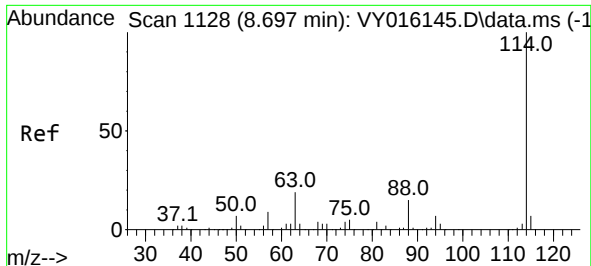
Tgt Ion:168 Resp: 108747
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.082 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion: 65 Resp: 61138
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

BLK

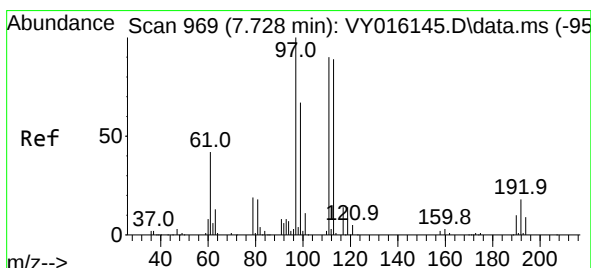
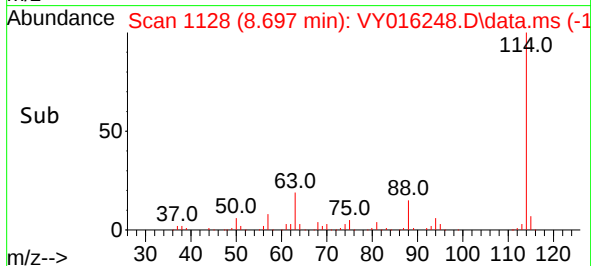
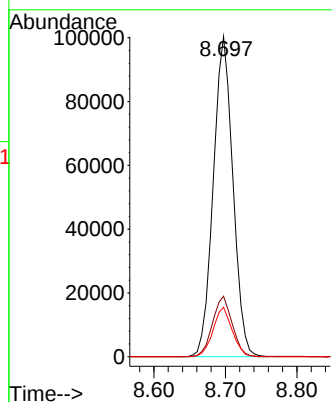
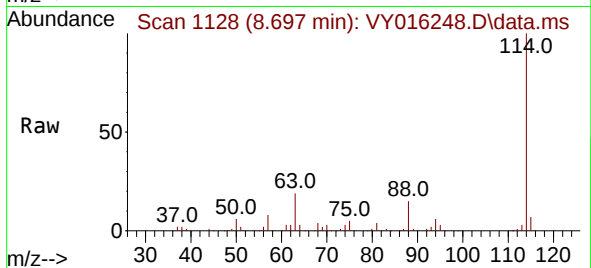
Tgt Ion:114 Resp: 191464

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.099 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

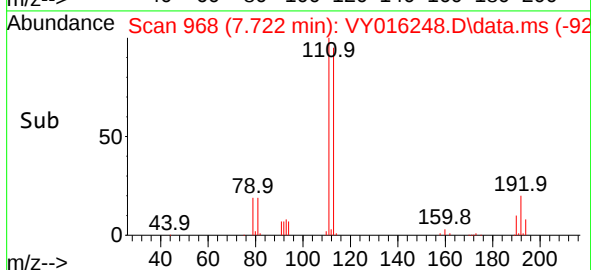
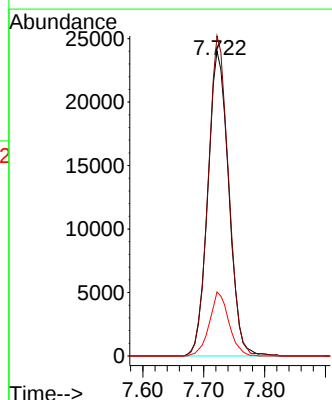
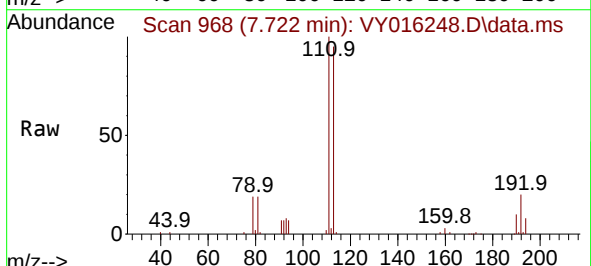
Tgt Ion:113 Resp: 57186

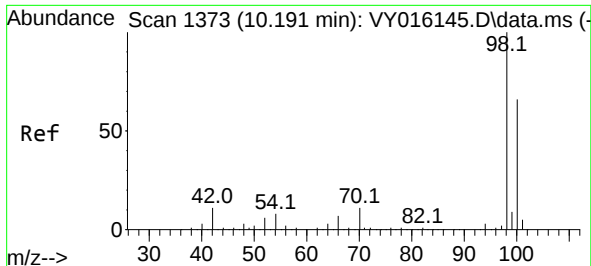
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.6 16.9 25.3

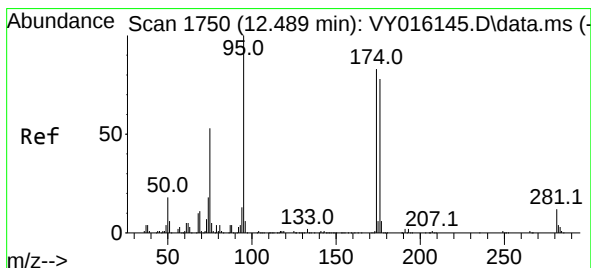
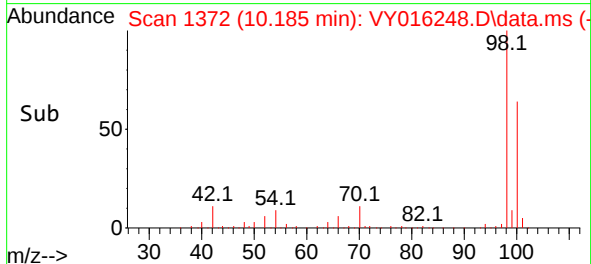
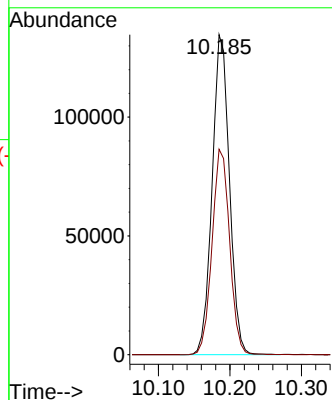
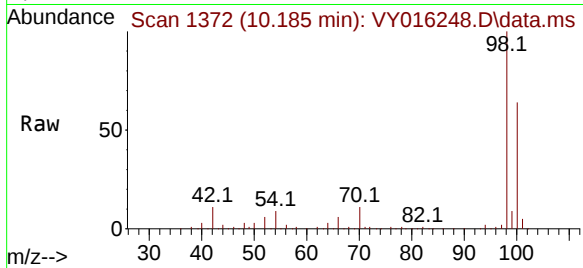




#50
Toluene-d8
Concen: 49.896 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

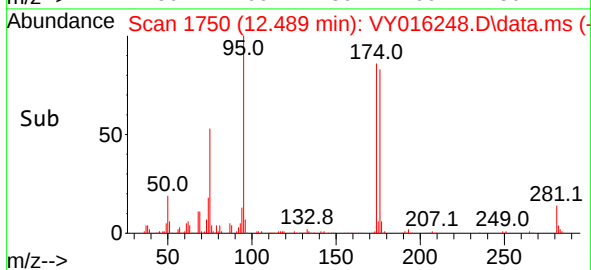
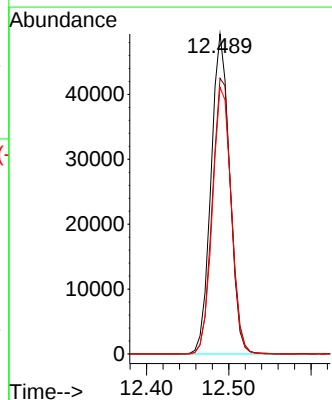
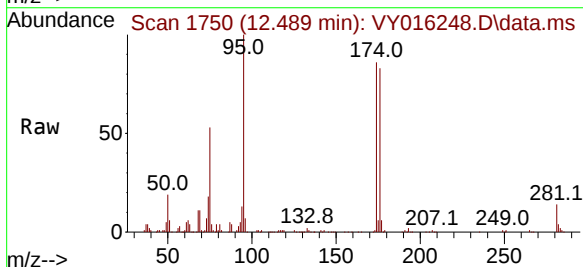
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MSVOA_Y
ClientSampleId :
BLK

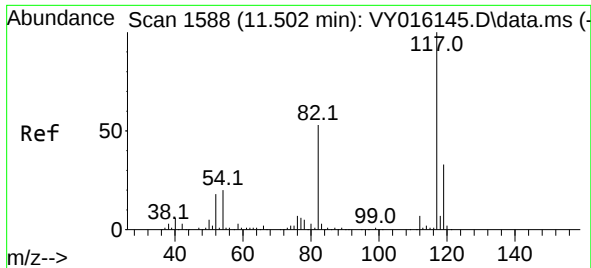
Tgt Ion: 98 Resp: 225812
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion: 95 Resp: 77779
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.8 0.0 173.8

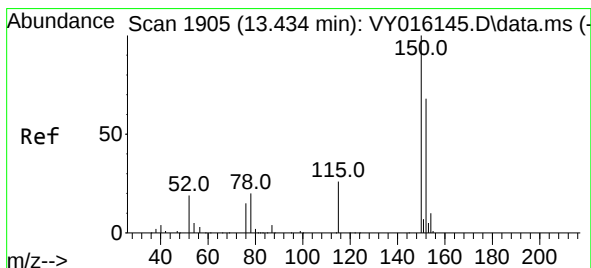
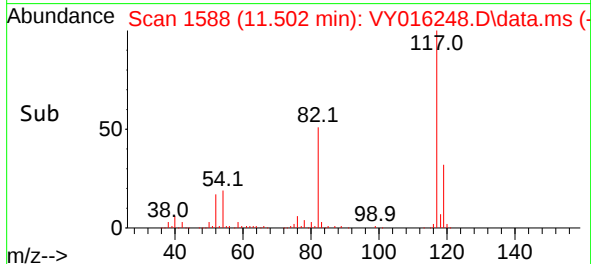
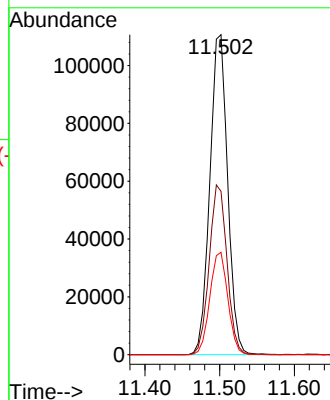
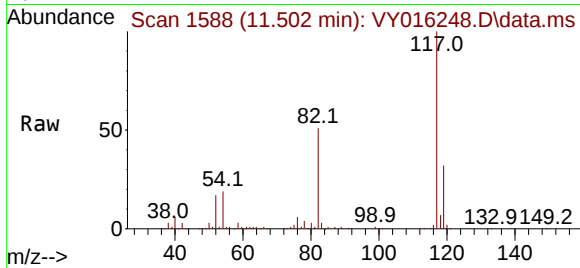




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion:117 Resp: 183413
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion:152 Resp: 83818
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.6 0.0 348.8

