

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019122.D
 Acq On : 19 Aug 2024 17:20
 Operator : SY/MD
 Sample : P3580-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 922-K1-SD-0-0.5-081224

Quant Time: Aug 20 01:48:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	33123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	45959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	5413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7137	21.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.980%#
35) Dibromofluoromethane	7.616	113	12439	41.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.103	98	47586	44.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.000%
62) 4-Bromofluorobenzene	12.408	95	7273	19.728	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.460%

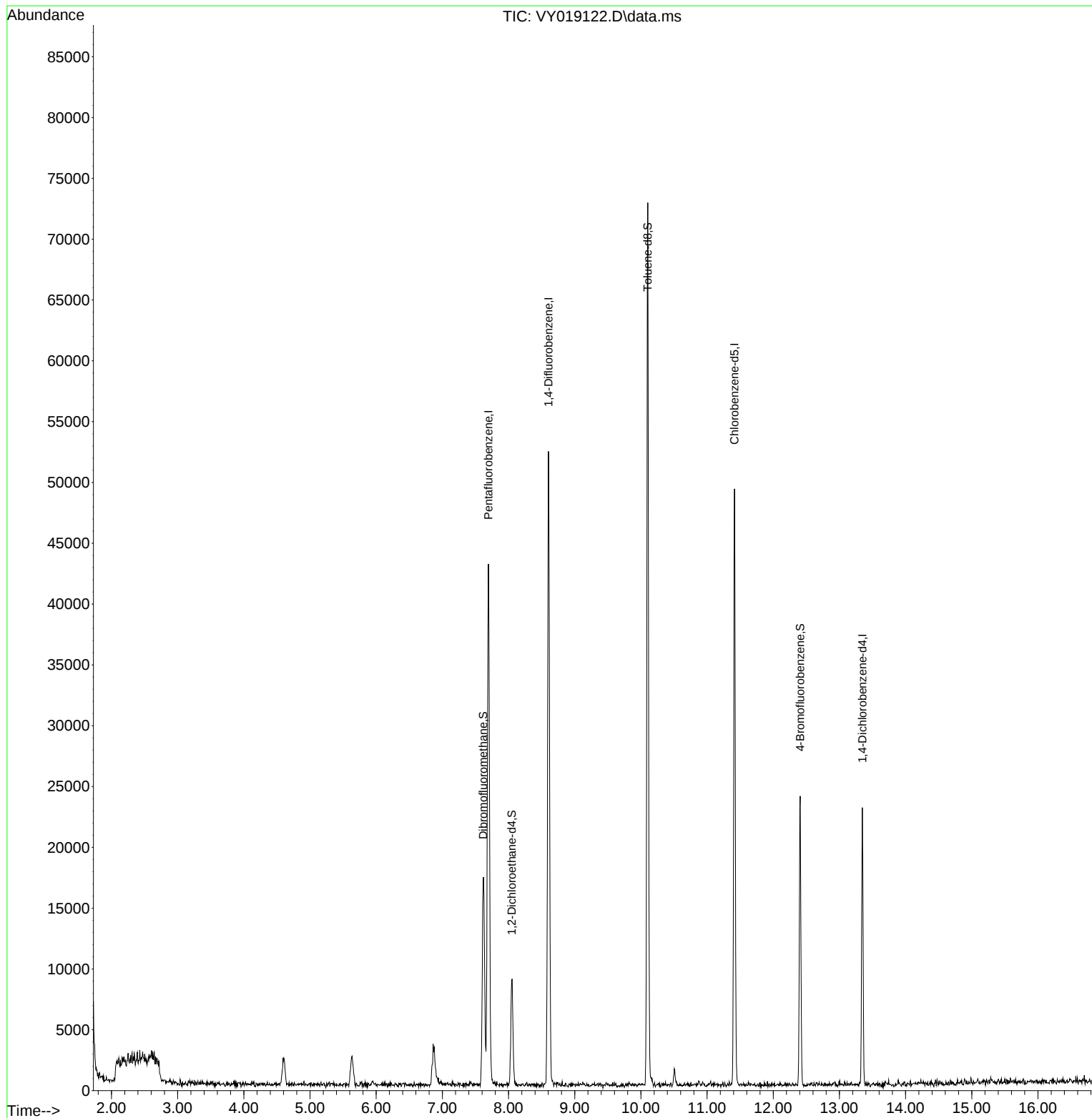
Target Compounds	Qvalue

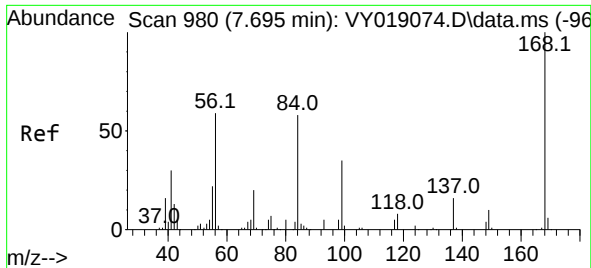
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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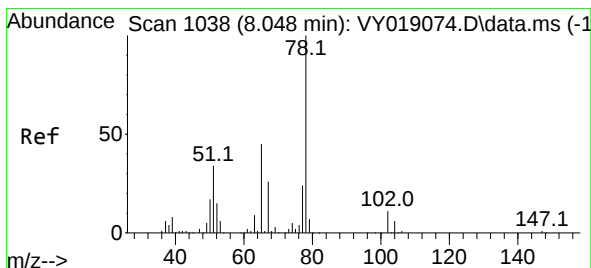
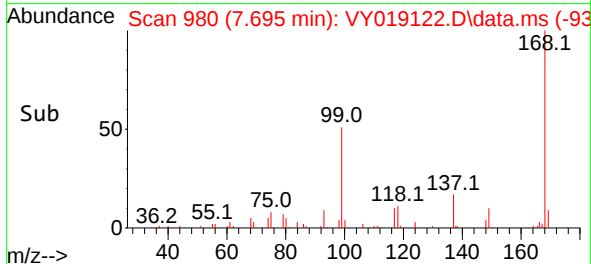
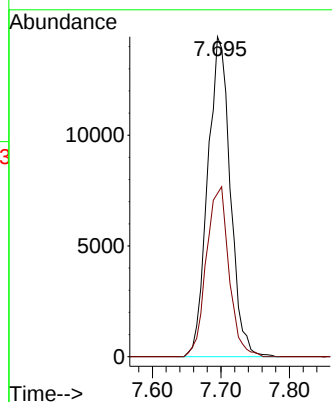
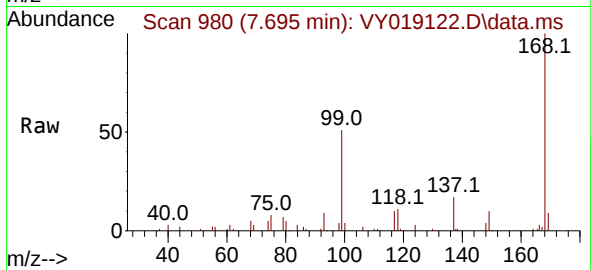




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

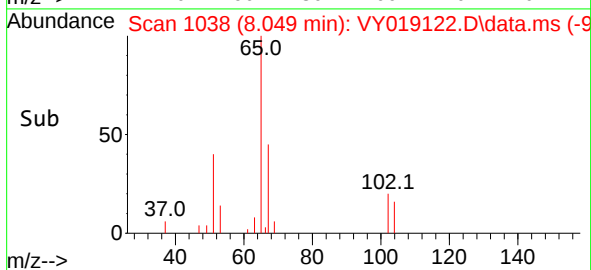
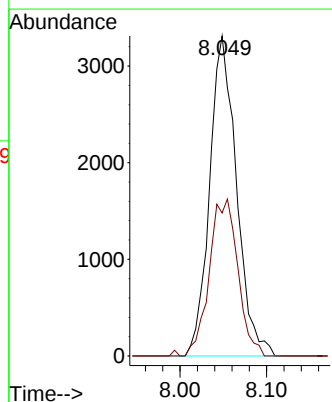
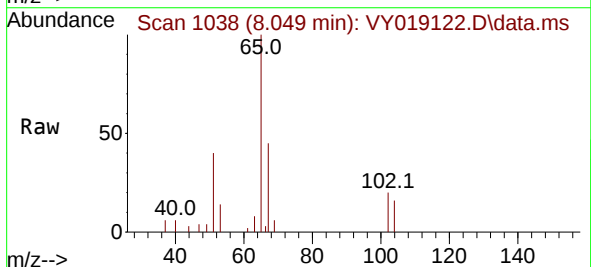
Instrument :
MSVOA_Y
ClientSampleId :
922-K1-SD-0-0.5-081224

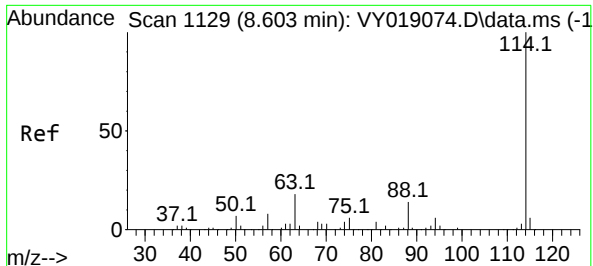
Tgt Ion:168 Resp: 33123
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 21.495 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion: 65 Resp: 7137
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

922-K1-SD-0-0.5-081224

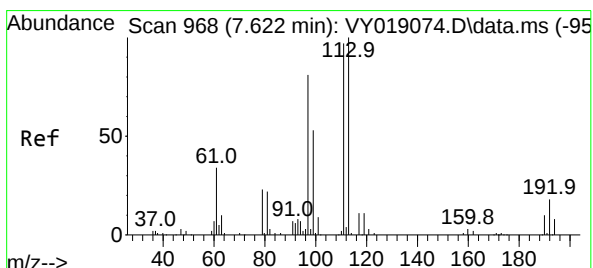
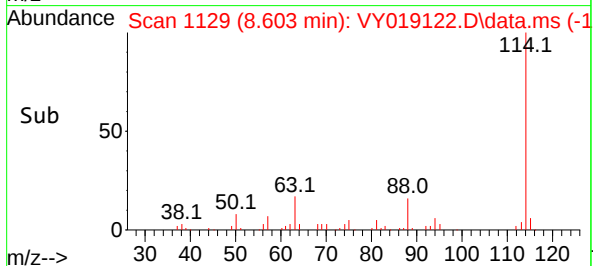
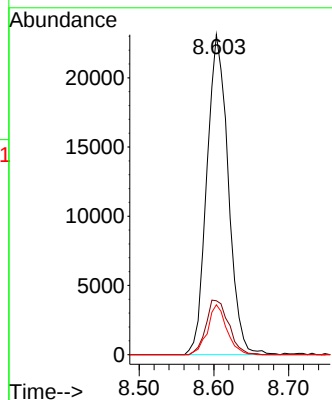
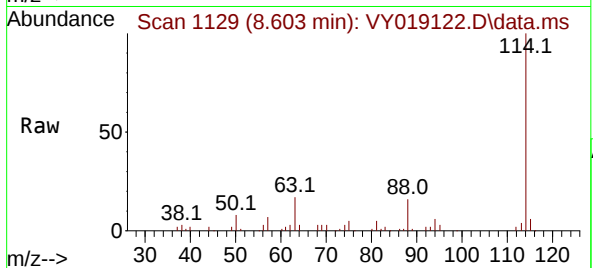
Tgt Ion:114 Resp: 45959

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.393 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

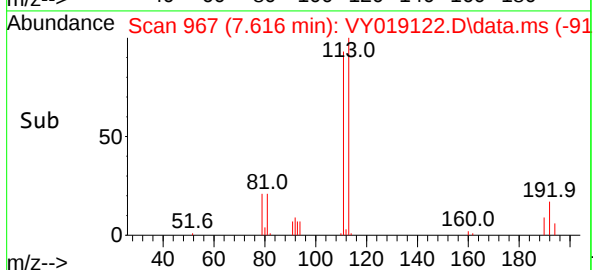
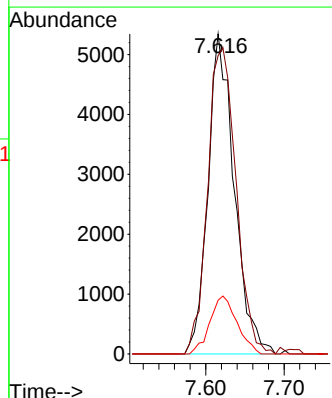
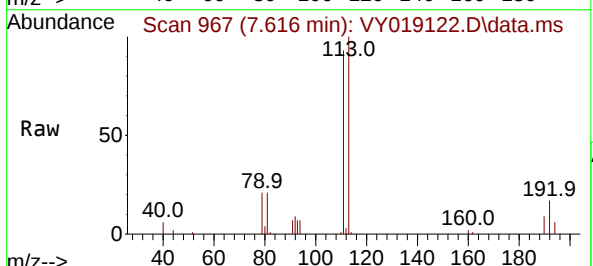
Tgt Ion:113 Resp: 12439

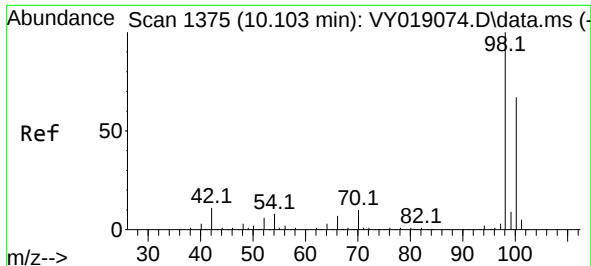
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 18.7 15.9 23.9

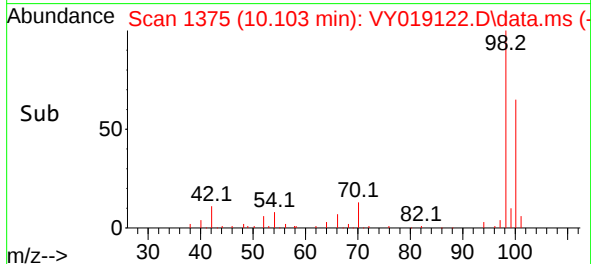
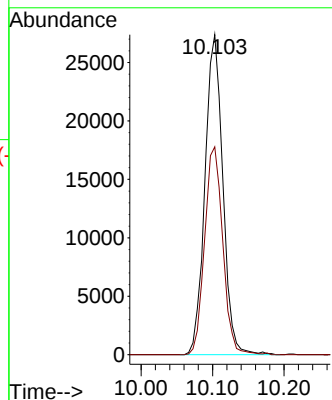
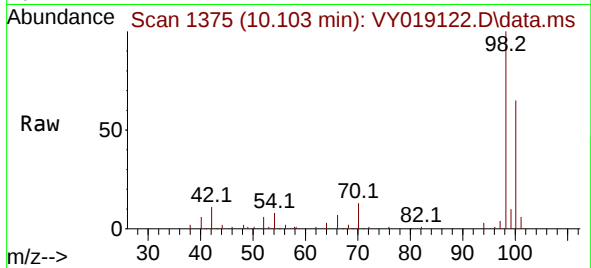




#50
Toluene-d8
Concen: 44.003 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

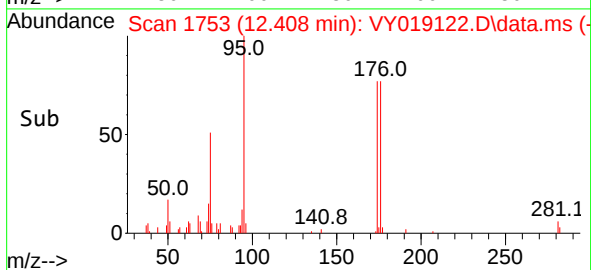
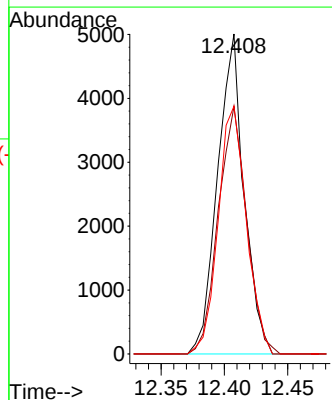
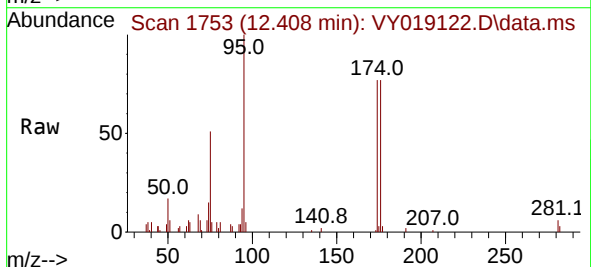
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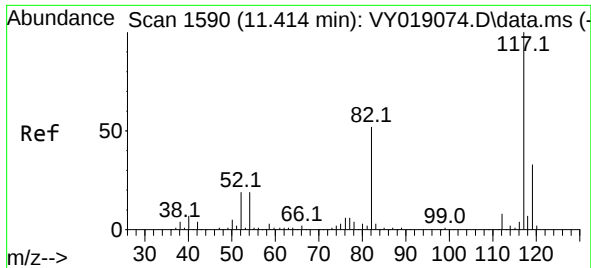
Tgt Ion: 98 Resp: 47586
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.728 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion: 95 Resp: 7273
Ion Ratio Lower Upper
95 100
174 83.1 0.0 175.6
176 82.5 0.0 171.4

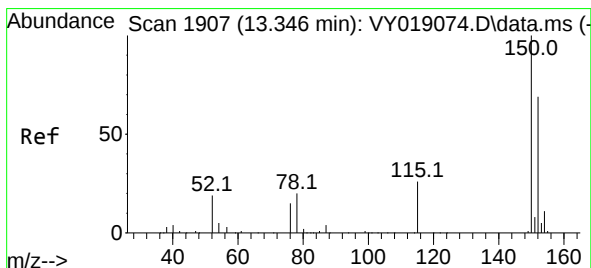
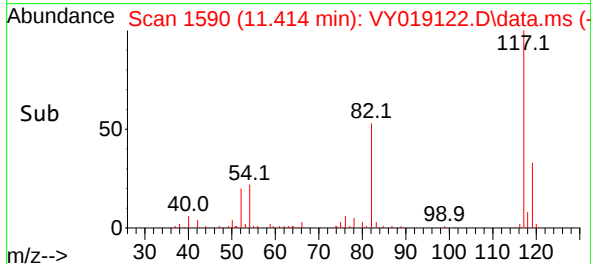
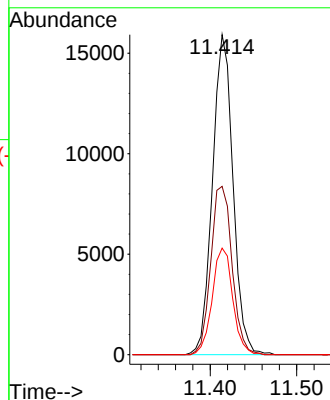
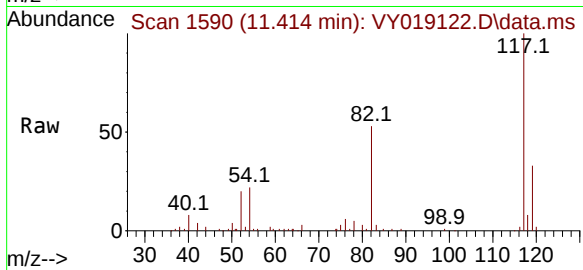




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :
922-K1-SD-0-0.5-081224

Tgt Ion:117	Resp:	26199
Ion	Ratio	Lower Upper
117	100	
82	52.6	42.4 63.6
119	33.3	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion:152	Resp:	5413
Ion	Ratio	Lower Upper
152	100	
115	58.6	28.2 84.7
150	163.2	0.0 345.6

