

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019228.D
 Acq On : 22 Aug 2024 18:22
 Operator : SY/MD
 Sample : P3671-10RE
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924RE

Quant Time: Aug 23 01:56:17 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	7.701	168	72721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	130689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	107586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	28694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39388	54.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.060%
35) Dibromofluoromethane	7.622	113	40924	47.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.780%
50) Toluene-d8	10.103	98	146165	47.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.408	95	35936	34.280	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.560%

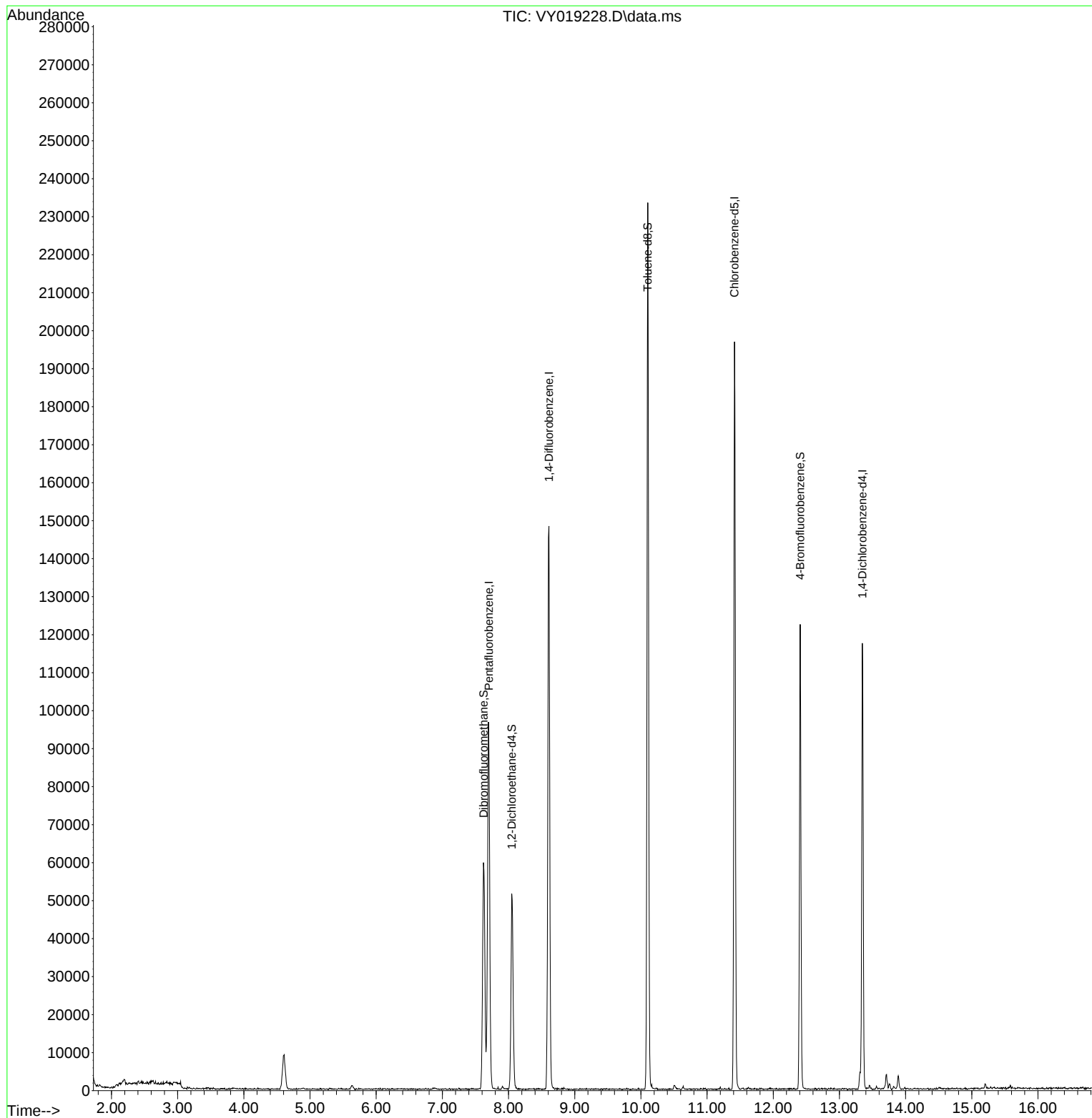
Target Compounds	Qvalue

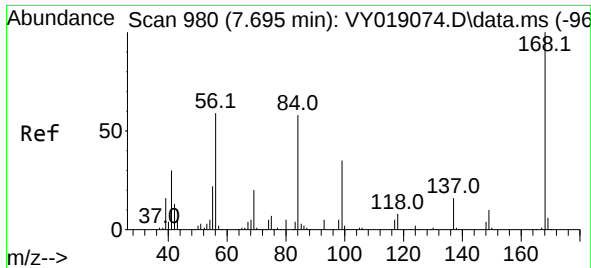
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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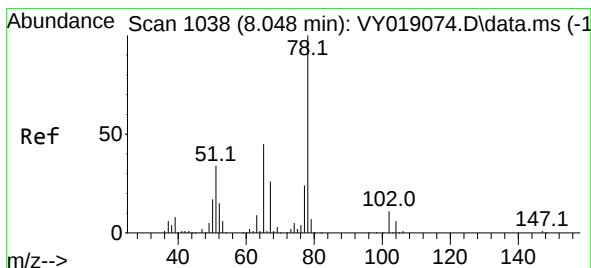
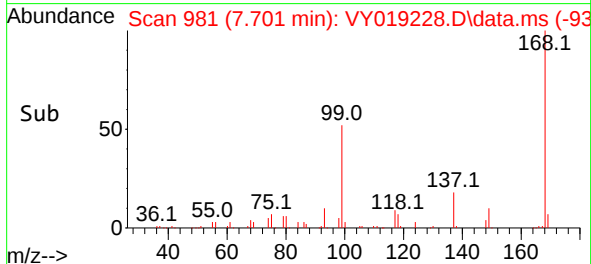
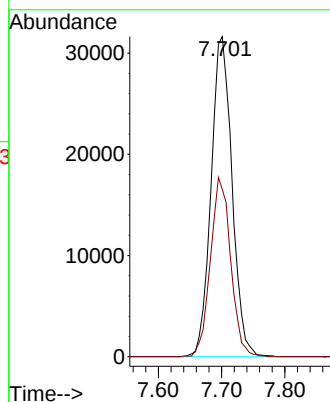
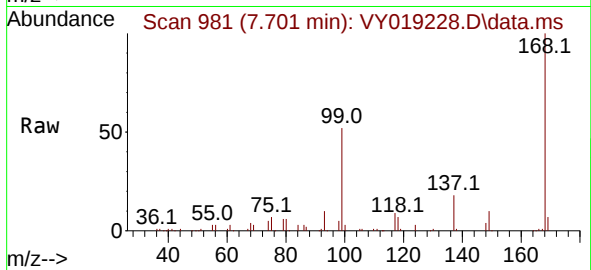




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

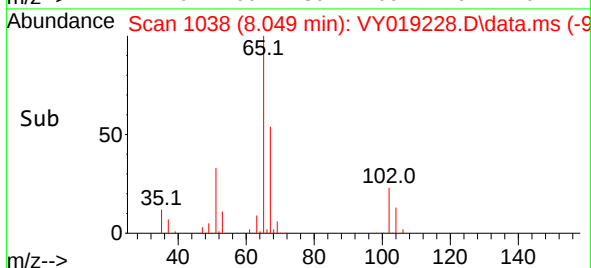
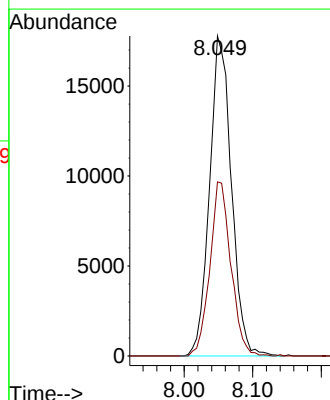
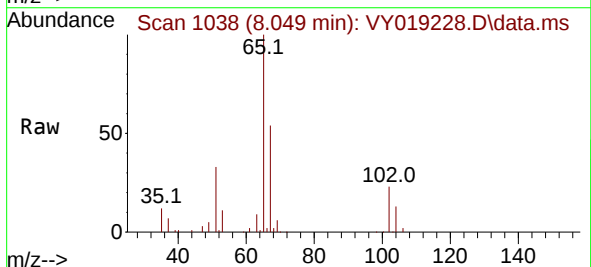
Instrument :
MSVOA_Y
ClientSampleId :
S-928-K1-SO-0.5-1-081924RE

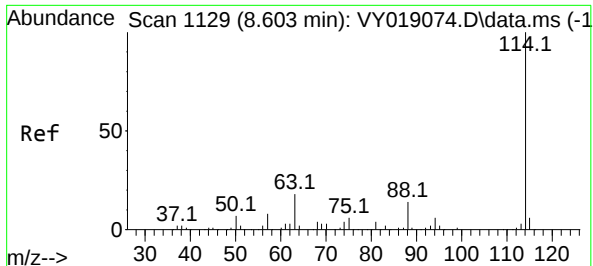
Tgt Ion:168 Resp: 72721
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.032 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion: 65 Resp: 39388
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

S-928-K1-SO-0.5-1-081924RE

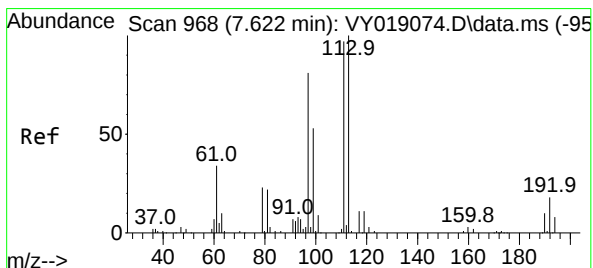
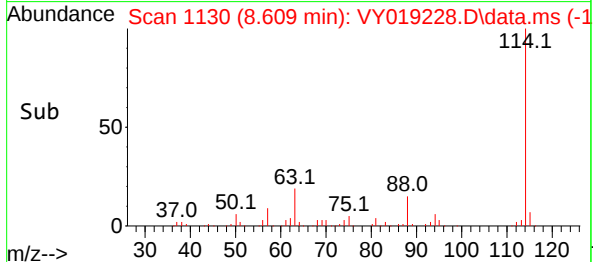
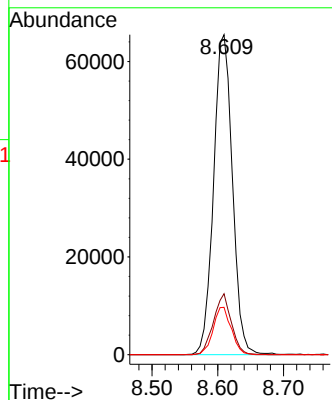
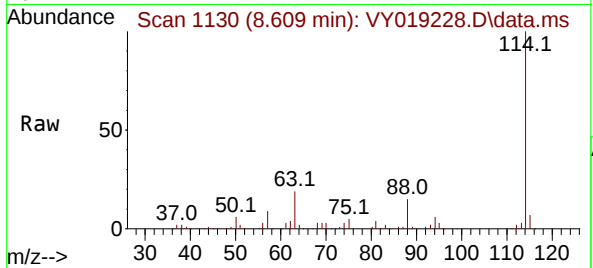
Tgt Ion:114 Resp: 130689

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.891 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

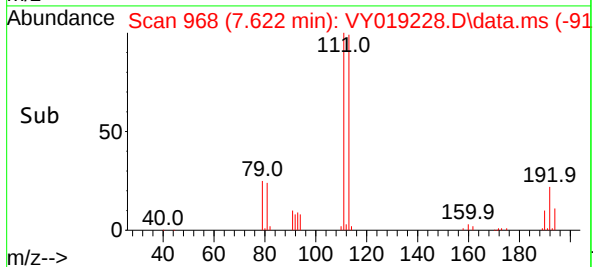
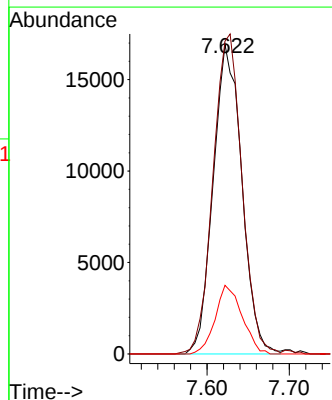
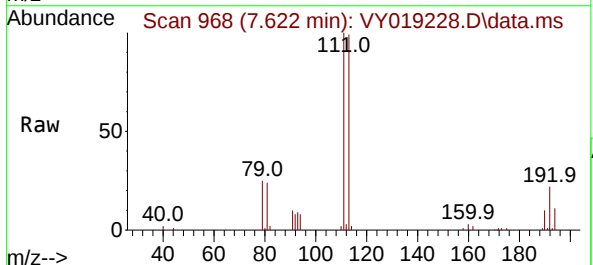
Tgt Ion:113 Resp: 40924

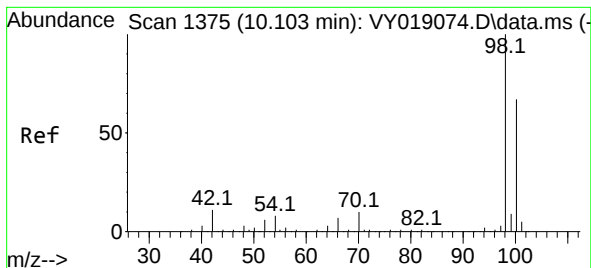
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 20.8 15.9 23.9





#50

Toluene-d8

Concen: 47.531 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

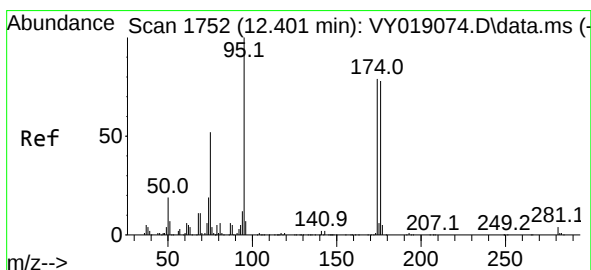
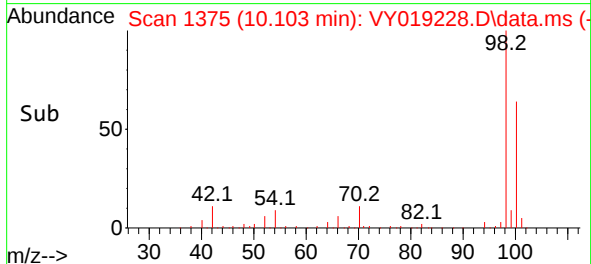
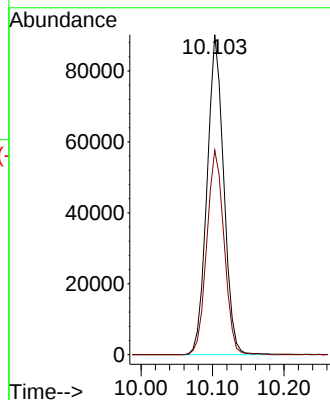
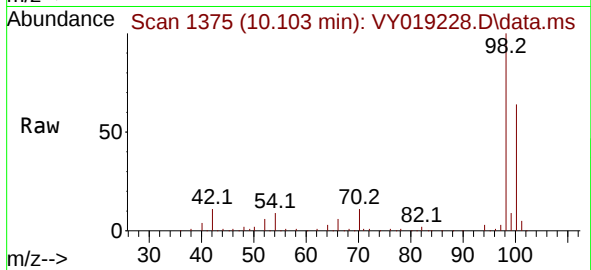
S-928-K1-SO-0.5-1-081924RE

Tgt Ion: 98 Resp: 146165

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.280 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

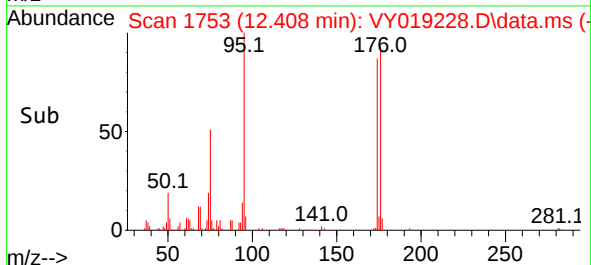
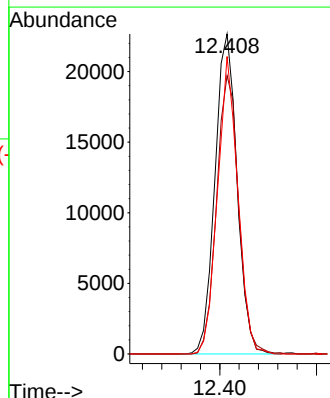
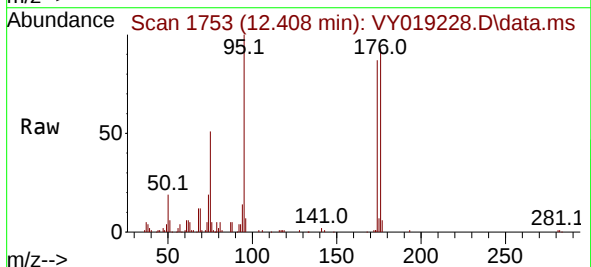
Tgt Ion: 95 Resp: 35936

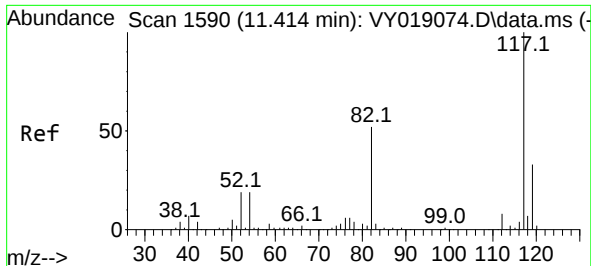
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 85.6 0.0 171.4

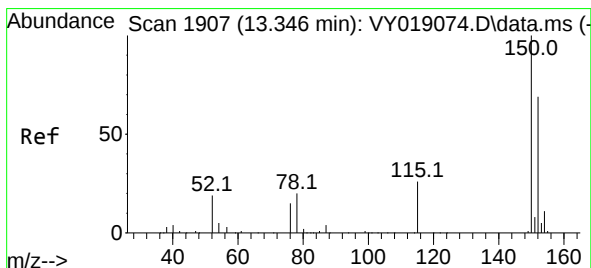
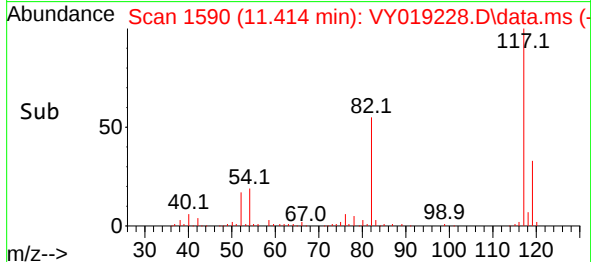
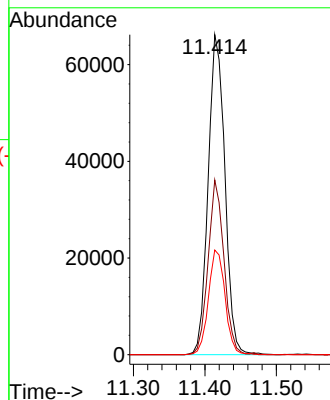
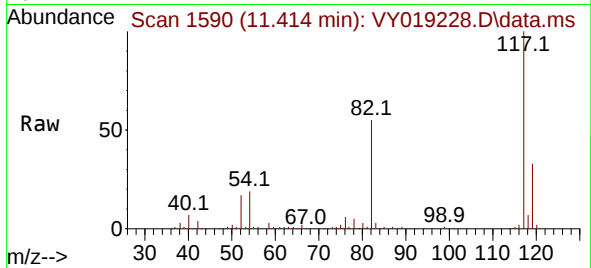




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

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Tgt Ion:117 Resp: 107586
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 32.7 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: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion:152 Resp: 28694
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.4 0.0 345.6

