

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019229.D
 Acq On : 22 Aug 2024 18:46
 Operator : SY/MD
 Sample : P3671-13RE
 Misc : 2.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-912-J-SO-0-0.5-081924RE

Quant Time: Aug 23 01:56:38 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	85924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	144093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	107645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	27279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41252	47.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.780%
35) Dibromofluoromethane	7.622	113	46507	49.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.103	98	159049	46.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.408	95	31756	27.475	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.940%

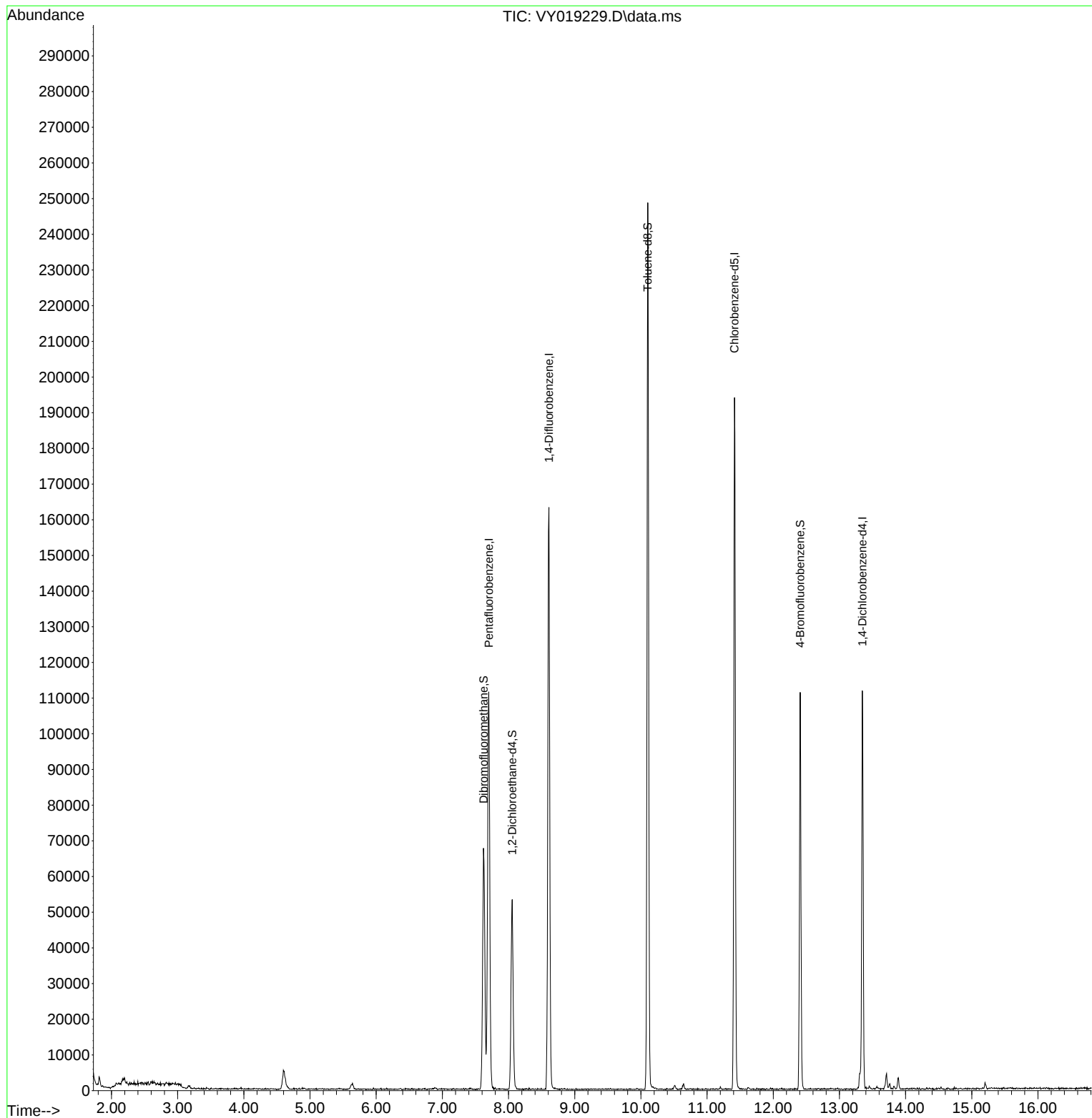
Target Compounds	Qvalue

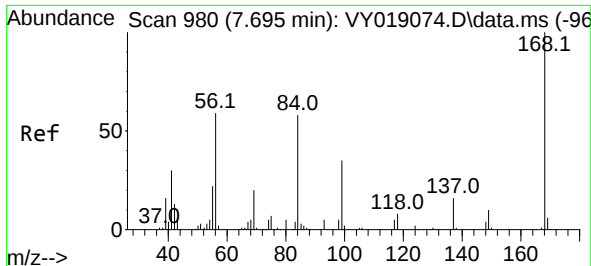
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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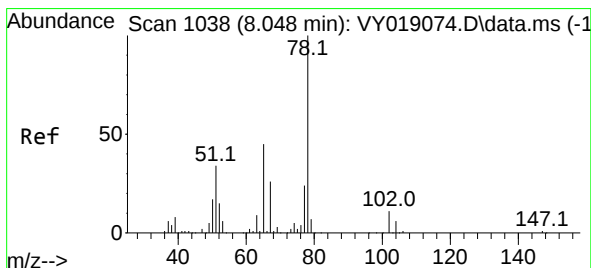
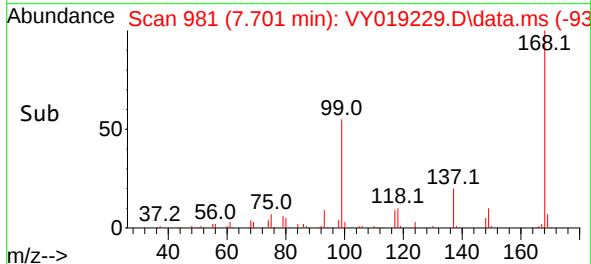
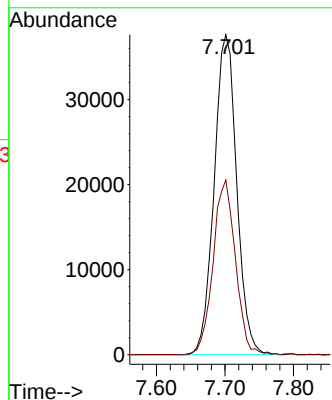
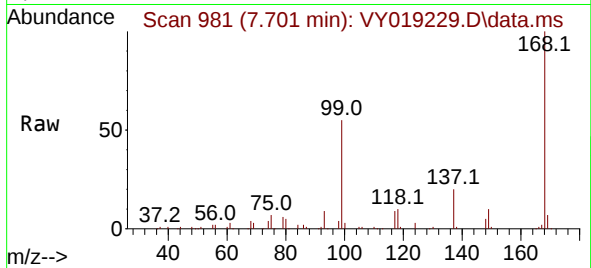




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019229.D
Acq: 22 Aug 2024 18:46

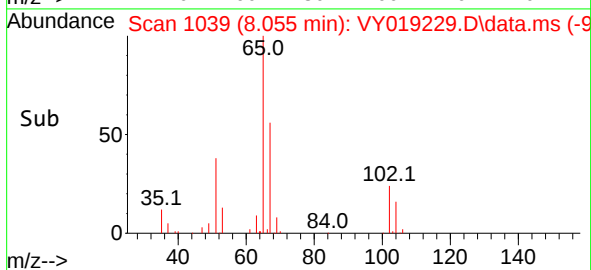
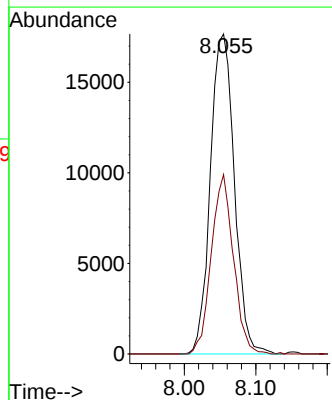
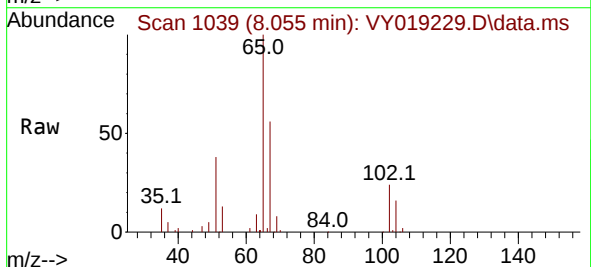
Instrument :
MSVOA_Y
ClientSampleId :
S-912-J-SO-0-0.5-081924RE

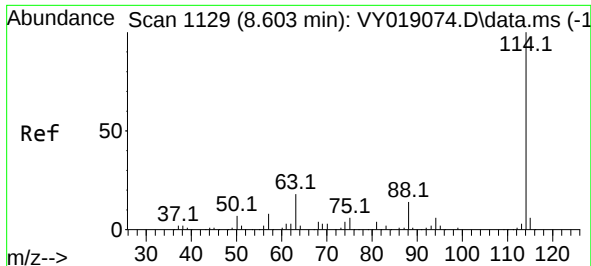
Tgt Ion:168 Resp: 85924
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.894 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019229.D
Acq: 22 Aug 2024 18:46

Tgt Ion: 65 Resp: 41252
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019229.D

Acq: 22 Aug 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

S-912-J-SO-0-0.5-081924RE

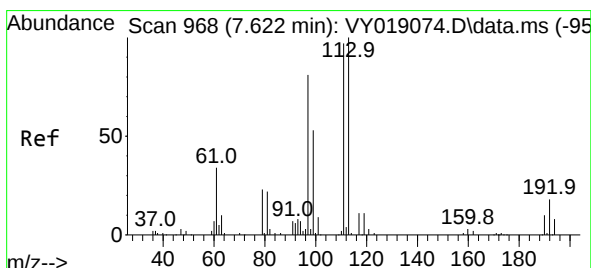
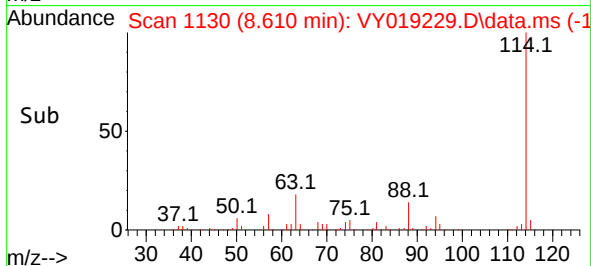
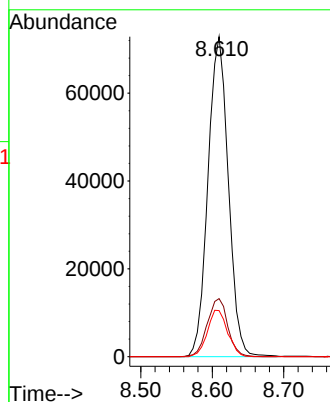
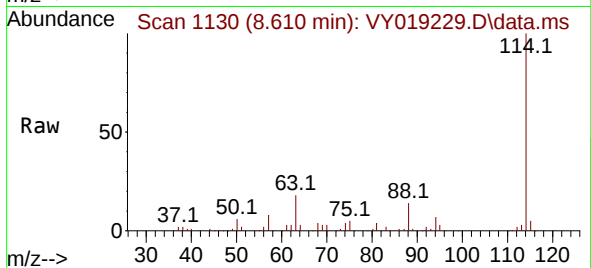
Tgt Ion:114 Resp: 144093

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019229.D

Acq: 22 Aug 2024 18:46

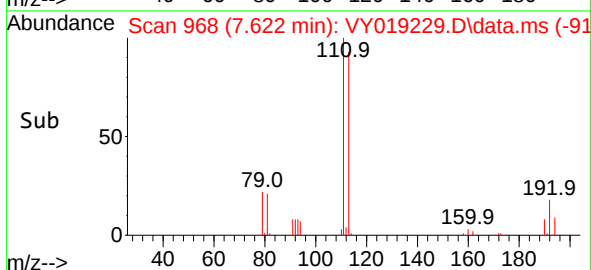
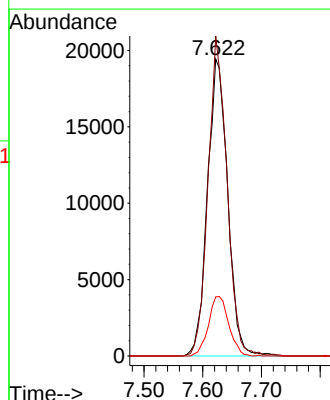
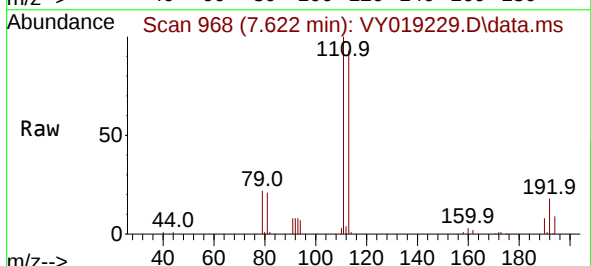
Tgt Ion:113 Resp: 46507

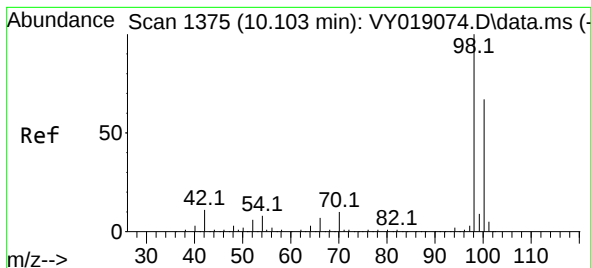
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 46.910 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019229.D

Acq: 22 Aug 2024 18:46

Instrument :

MSVOA_Y

ClientSampleId :

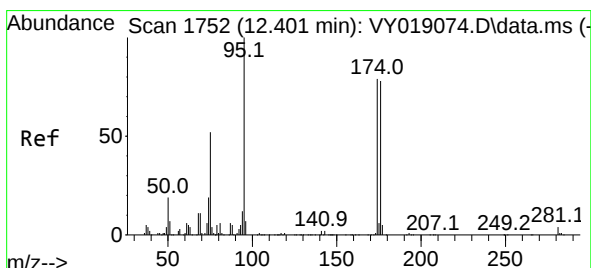
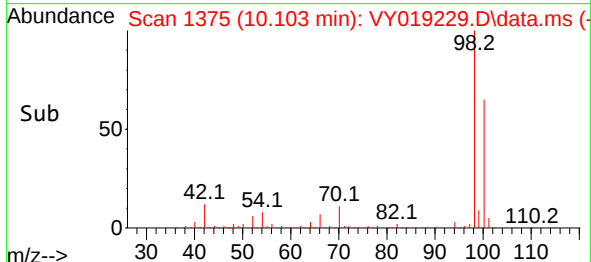
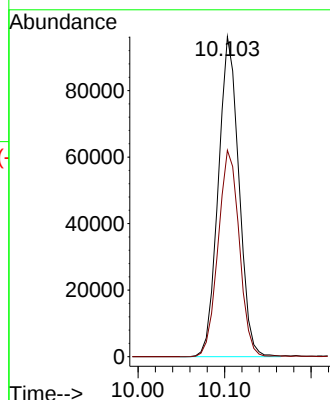
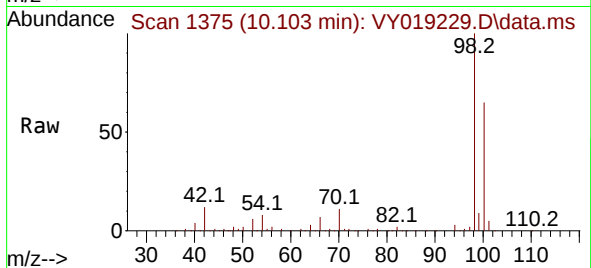
S-912-J-SO-0-0.5-081924RE

Tgt Ion: 98 Resp: 159049

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.475 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019229.D

Acq: 22 Aug 2024 18:46

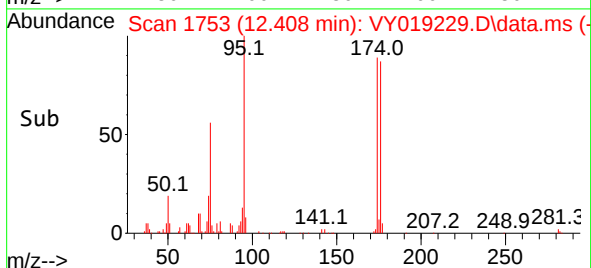
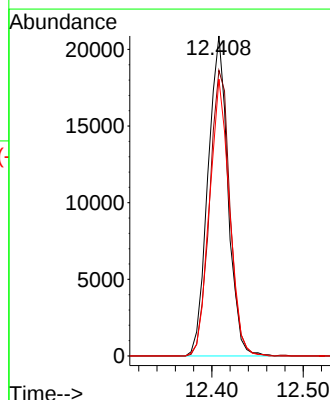
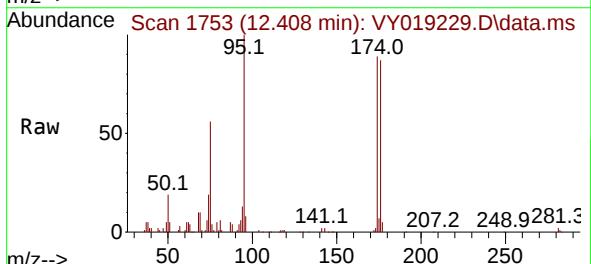
Tgt Ion: 95 Resp: 31756

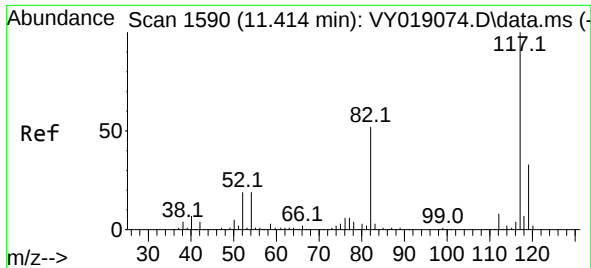
Ion Ratio Lower Upper

95 100

174 90.7 0.0 175.6

176 86.2 0.0 171.4

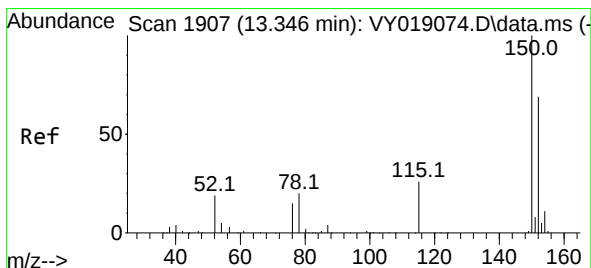
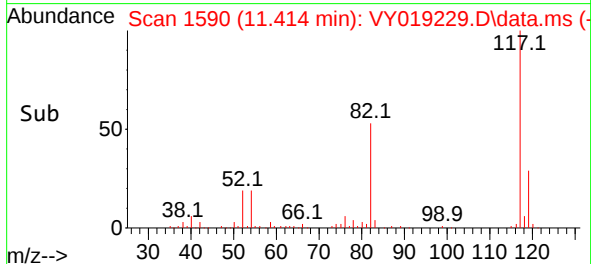
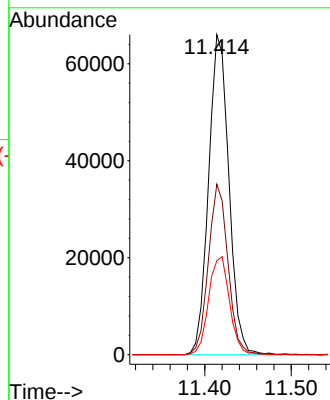
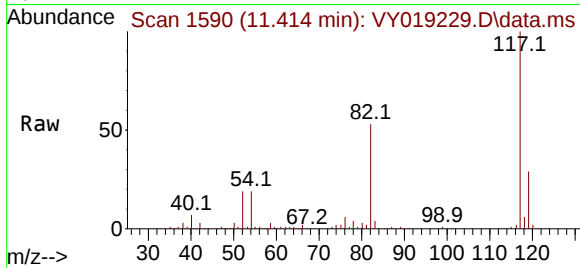




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019229.D
Acq: 22 Aug 2024 18:46

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Tgt Ion:	117	Resp:	107645
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	29.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019229.D
Acq: 22 Aug 2024 18:46

Tgt Ion:	152	Resp:	27279
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.7
150	159.3	0.0	345.6

