

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019207.D
 Acq On : 22 Aug 2024 08:09
 Operator : SY/MD
 Sample : P3671-13
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Aug 22 08:26:57 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	99521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	163825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	119633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	27197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	51078	51.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.400%
35) Dibromofluoromethane	7.628	113	55310	51.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.103	98	185410	48.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.408	95	37132	28.257	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.520%

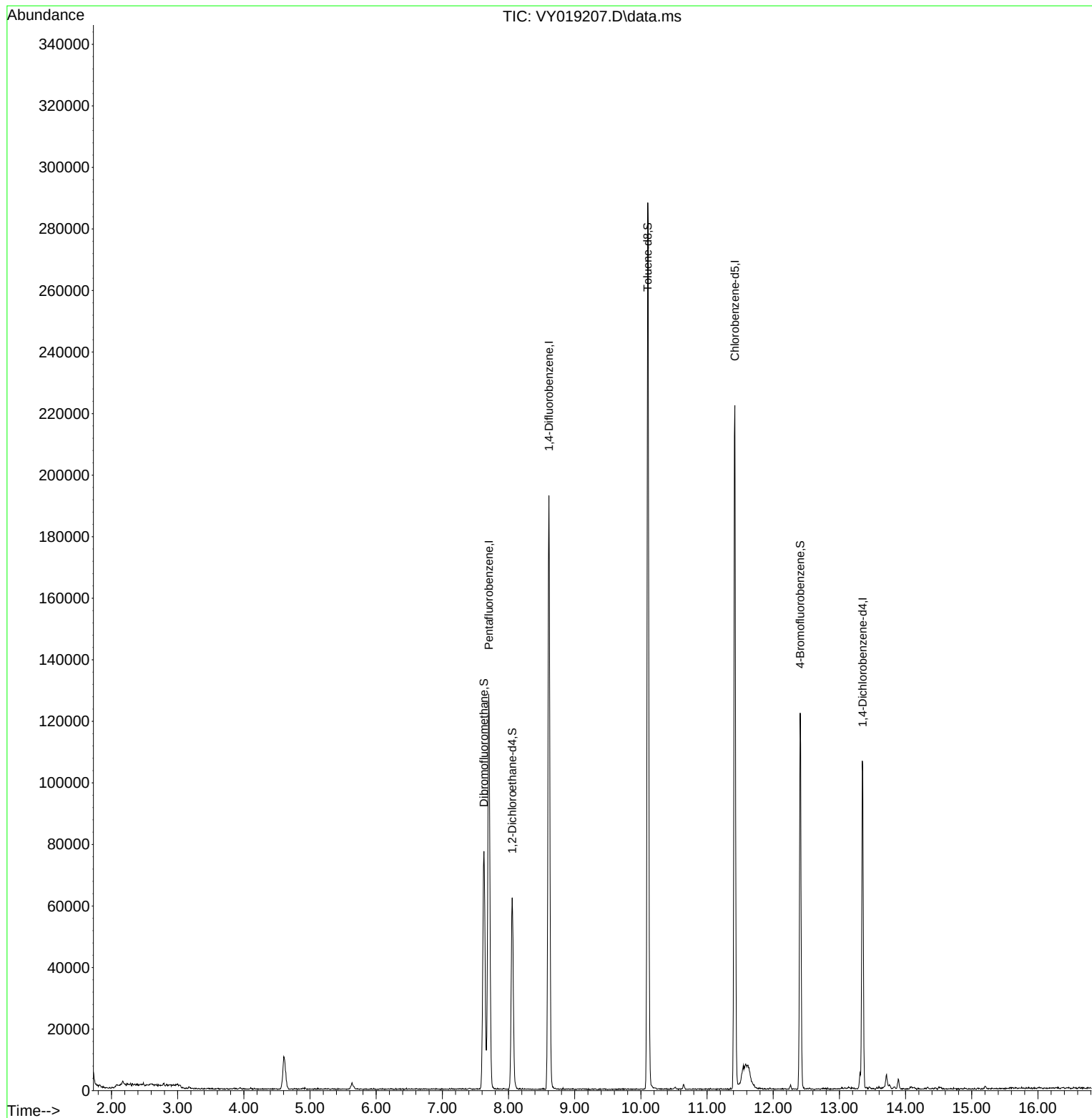
Target Compounds	Qvalue

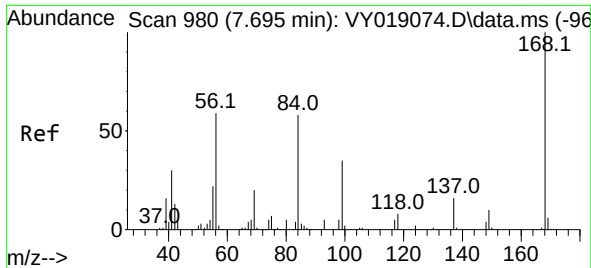
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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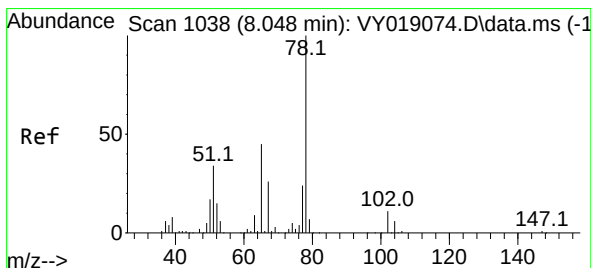
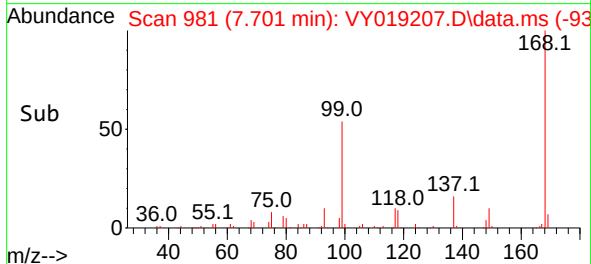
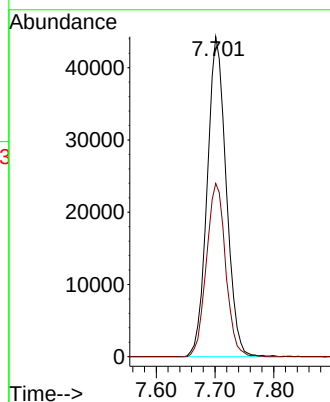
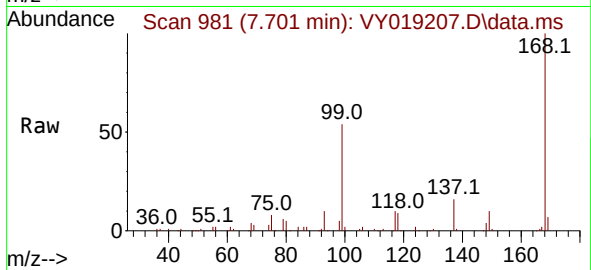




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY019207.D
Acq: 22 Aug 2024 08:09

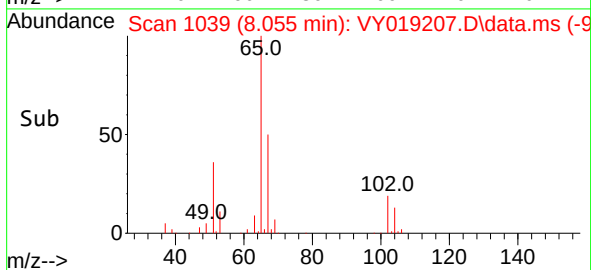
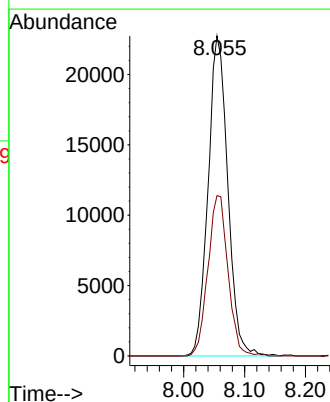
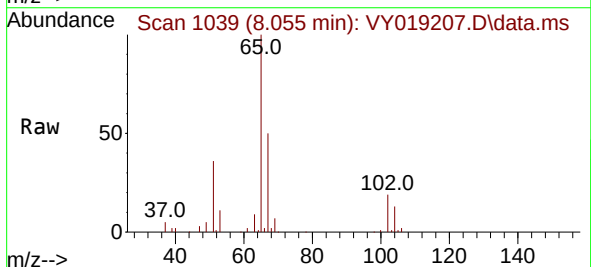
Instrument :
MSVOA_Y
ClientSampleId :
S-912-J-SO-0-0.5-081924

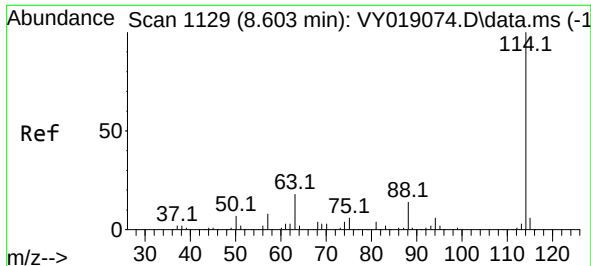
Tgt Ion:168 Resp: 99521
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.200 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019207.D
Acq: 22 Aug 2024 08:09

Tgt Ion: 65 Resp: 51078
Ion Ratio Lower Upper
65 100
67 51.1 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: VY019207.D

Acq: 22 Aug 2024 08:09

Instrument :

MSVOA_Y

ClientSampleId :

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

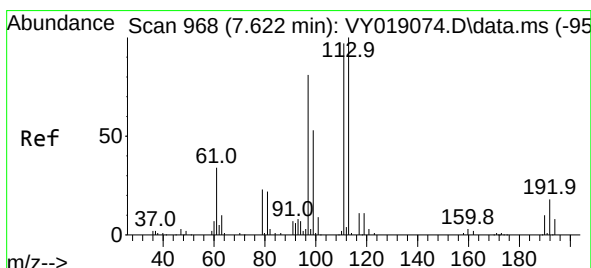
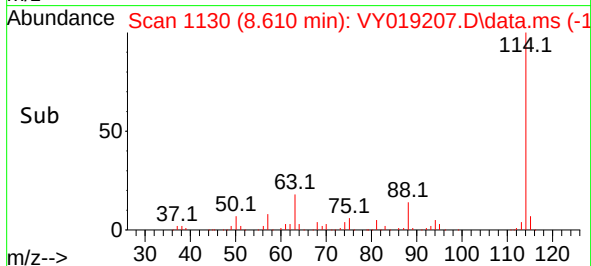
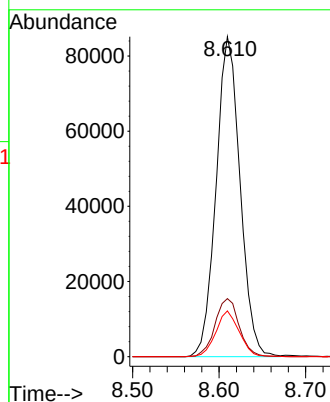
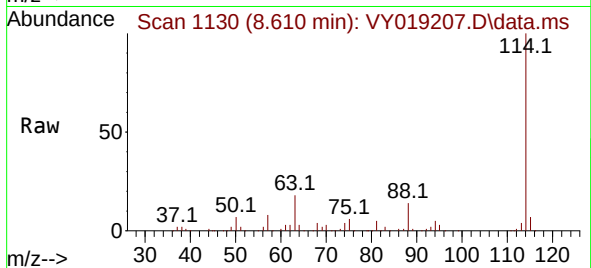
Tgt Ion:114 Resp: 163825

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.634 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019207.D

Acq: 22 Aug 2024 08:09

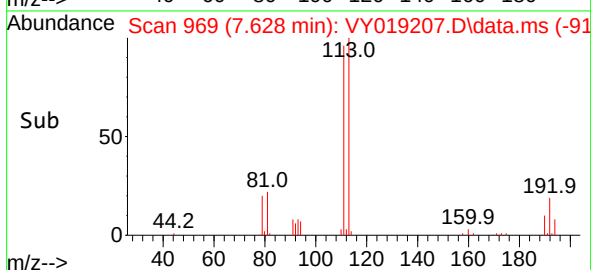
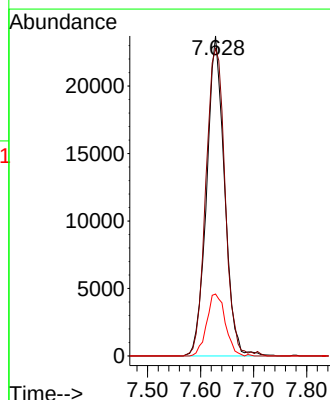
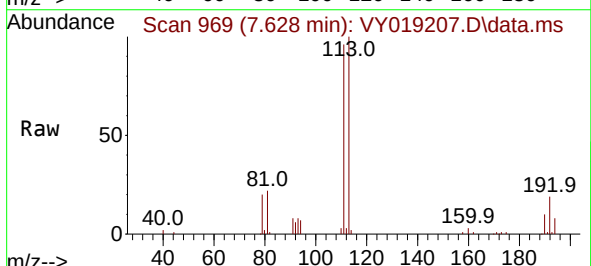
Tgt Ion:113 Resp: 55310

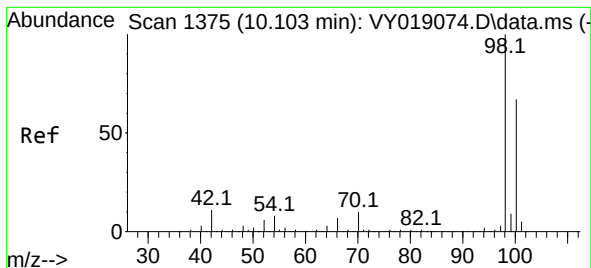
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 48.098 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019207.D

Acq: 22 Aug 2024 08:09

Instrument :

MSVOA_Y

ClientSampleId :

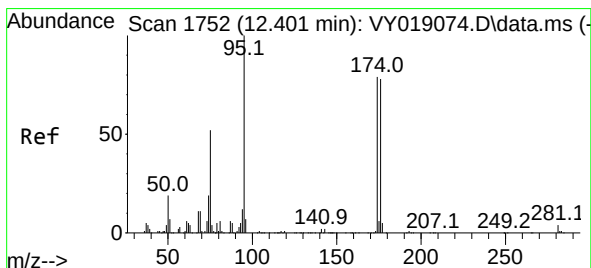
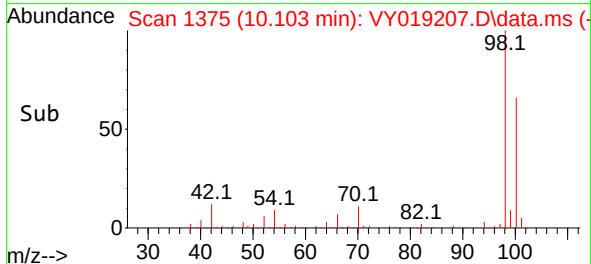
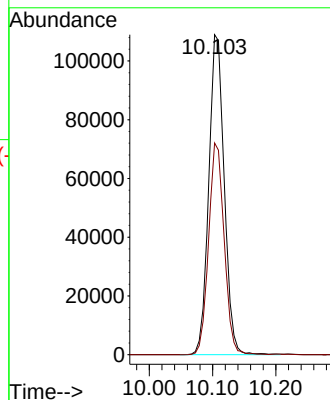
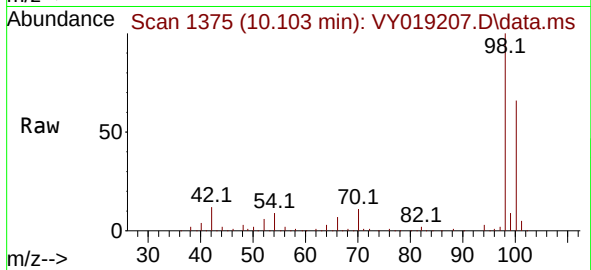
S-912-J-SO-0-0.5-081924

Tgt Ion: 98 Resp: 185410

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 28.257 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019207.D

Acq: 22 Aug 2024 08:09

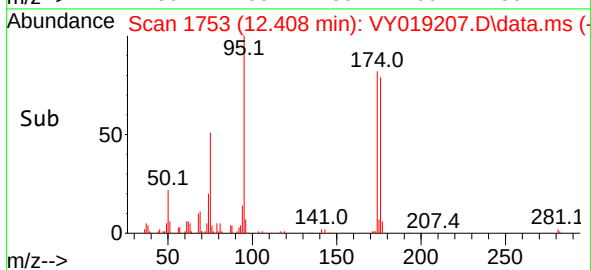
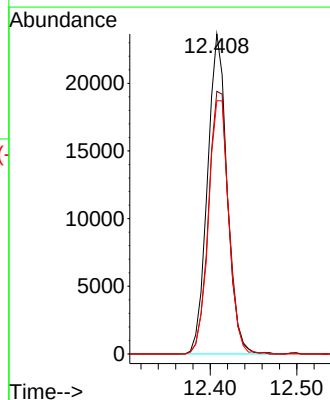
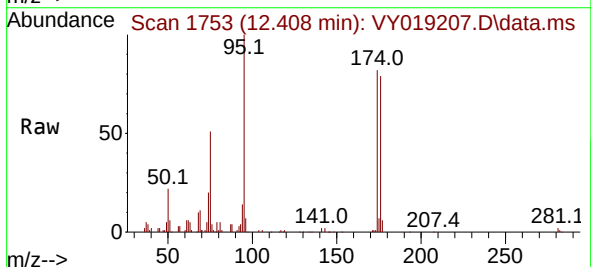
Tgt Ion: 95 Resp: 37132

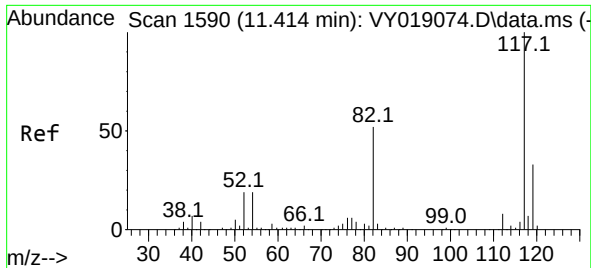
Ion Ratio Lower Upper

95 100

174 84.7 0.0 175.6

176 81.9 0.0 171.4

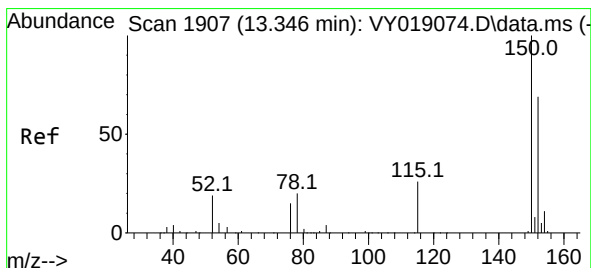
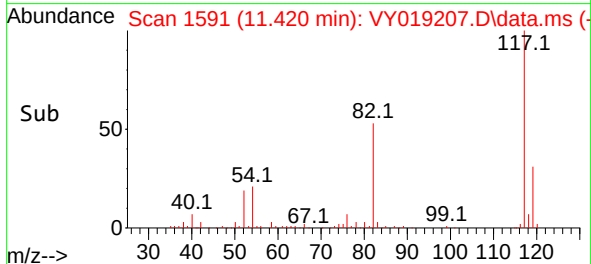
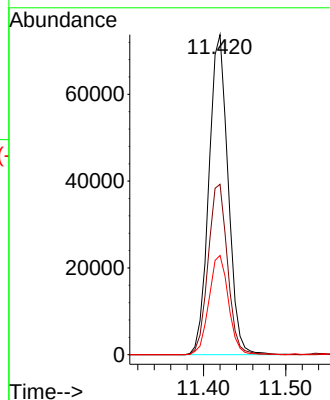
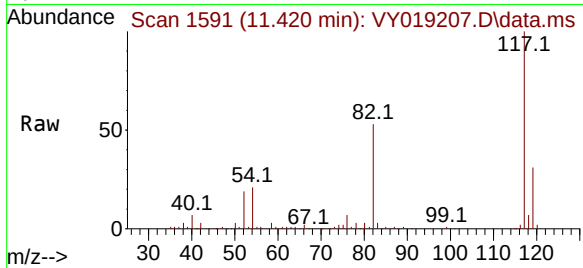




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 119633
Delta R.T. 0.006 min
Lab File: VY019207.D
Acq: 22 Aug 2024 08:09

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

Tgt Ion:117	Resp:	119633
Ion	Ratio	Lower Upper
117	100	
82	53.2	42.4 63.6
119	31.0	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019207.D
Acq: 22 Aug 2024 08:09

Tgt Ion:152	Resp:	27197
Ion	Ratio	Lower Upper
152	100	
115	57.7	28.2 84.7
150	158.2	0.0 345.6

