

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019681.D
 Acq On : 24 Sep 2024 14:44
 Operator : SY/MD
 Sample : P4148-01
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Sep 25 01:26:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	330994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	634784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187294	61.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.220%	
35) Dibromofluoromethane	7.634	113	200519	55.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.109	98	752872	56.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.408	95	244653	47.796	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.600%	

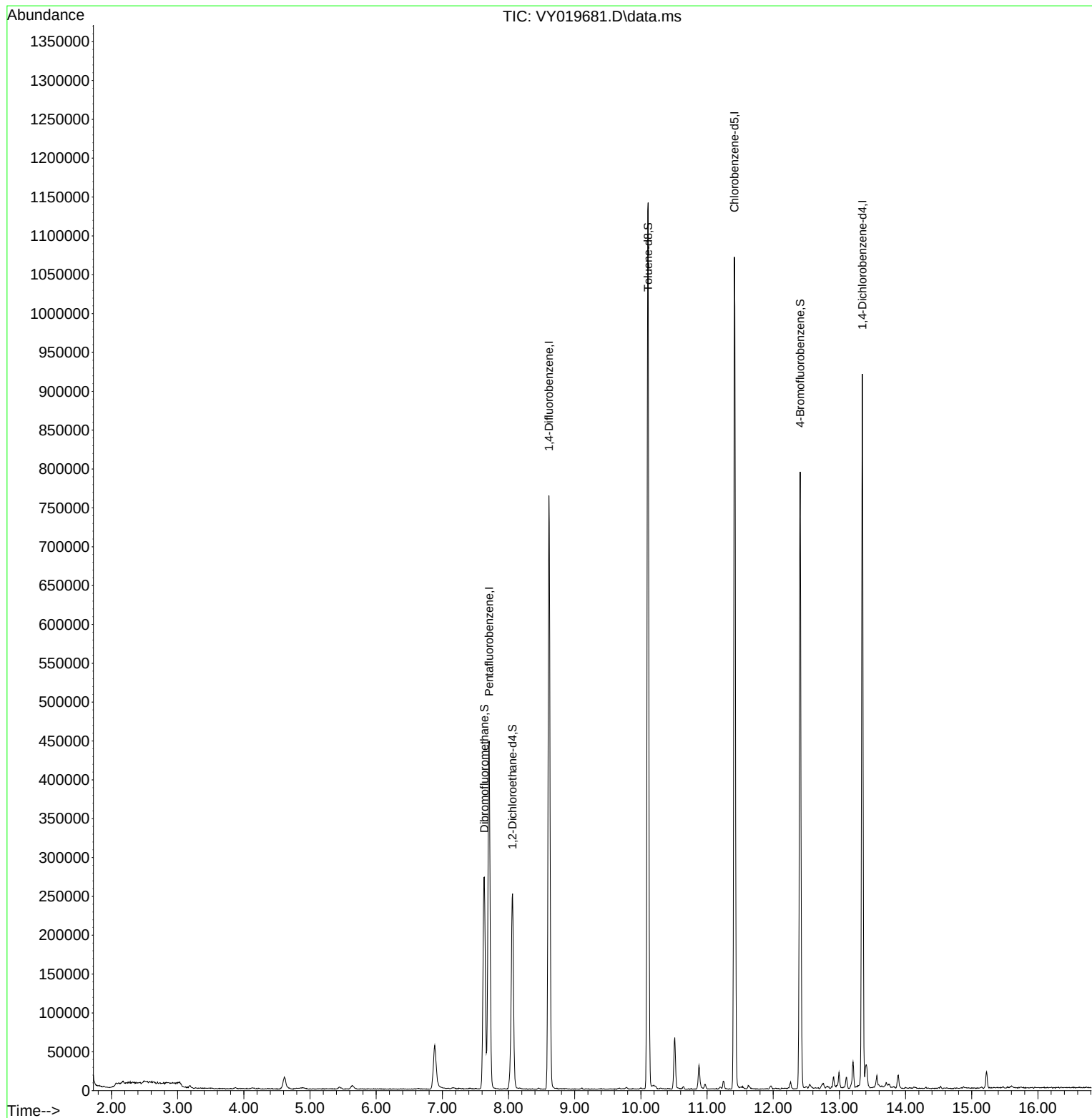
Target Compounds	Qvalue

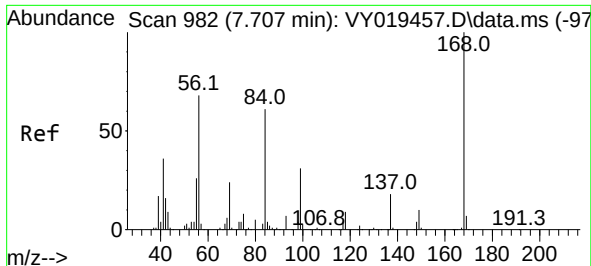
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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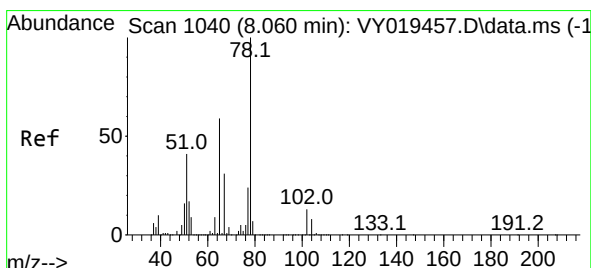
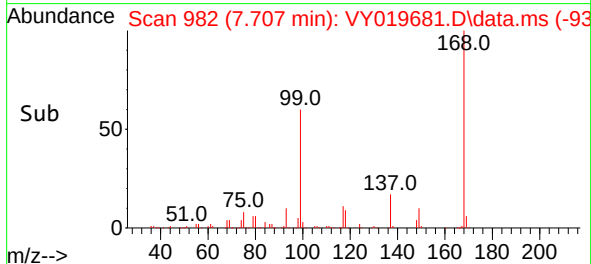
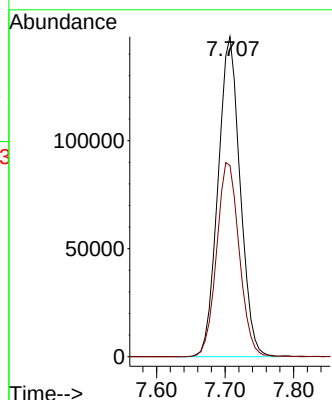
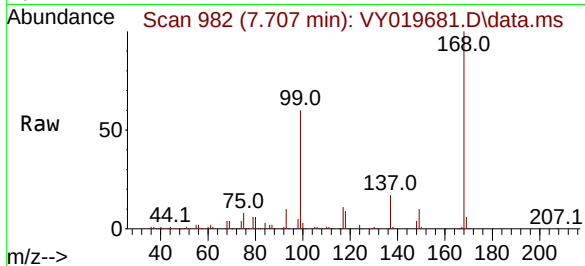




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

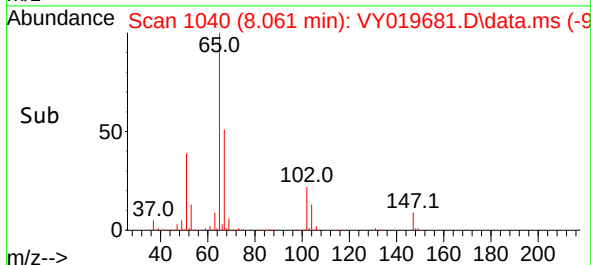
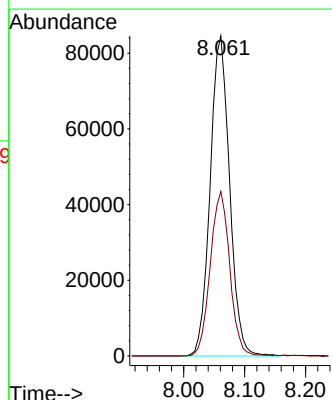
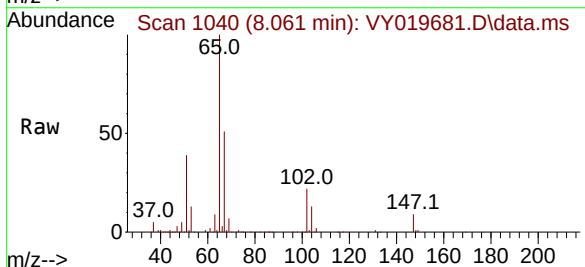
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

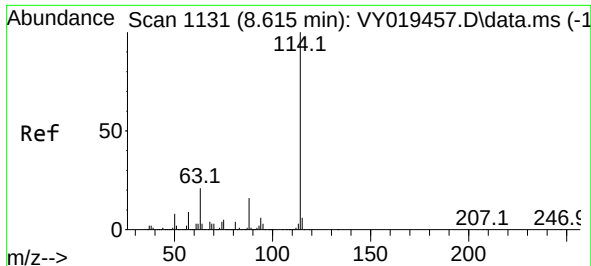
Tgt Ion:168 Resp: 330994
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.109 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Tgt Ion: 65 Resp: 187294
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

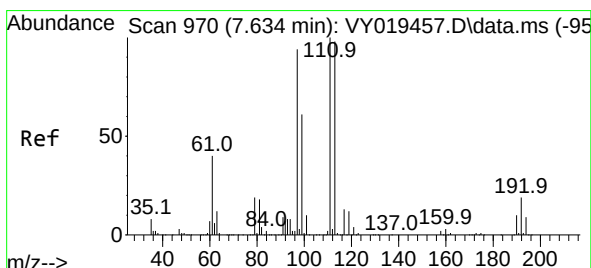
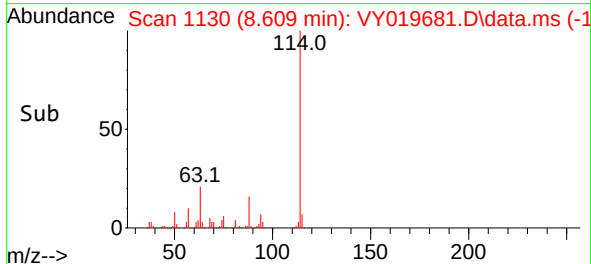
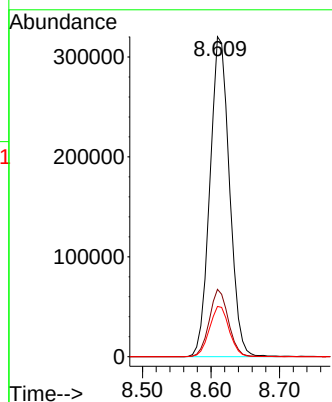
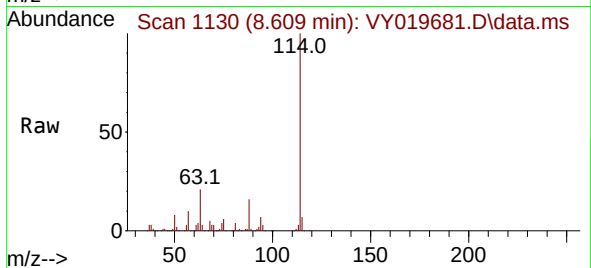
Tgt Ion:114 Resp: 634784

Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.714 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

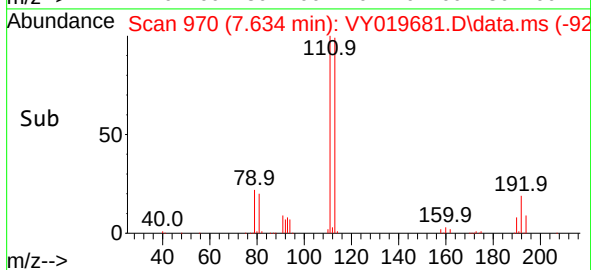
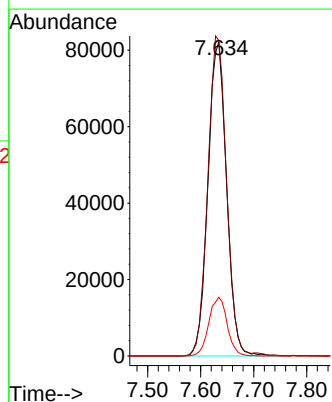
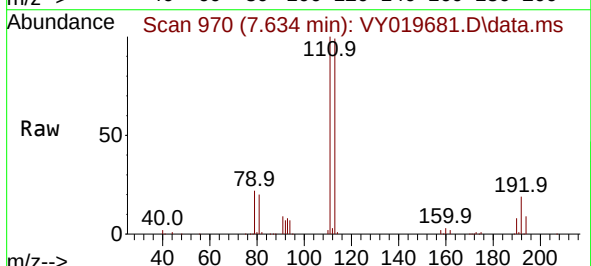
Tgt Ion:113 Resp: 200519

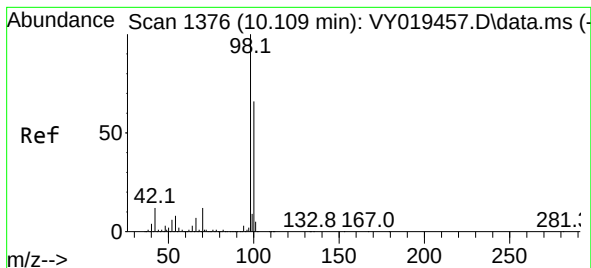
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.4 15.9 23.9





#50

Toluene-d8

Concen: 56.555 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

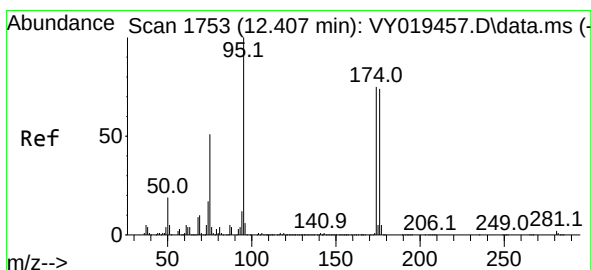
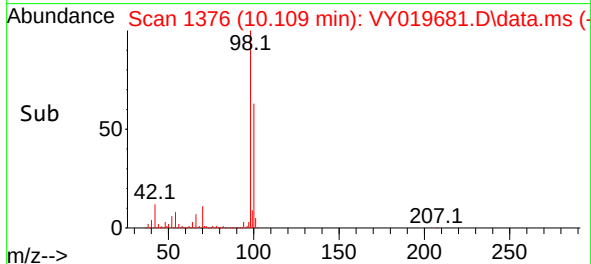
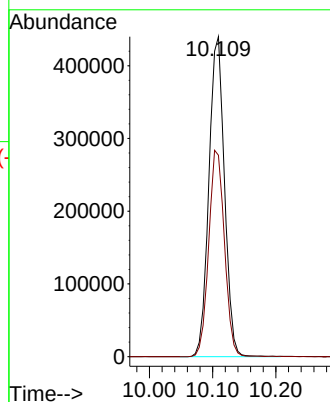
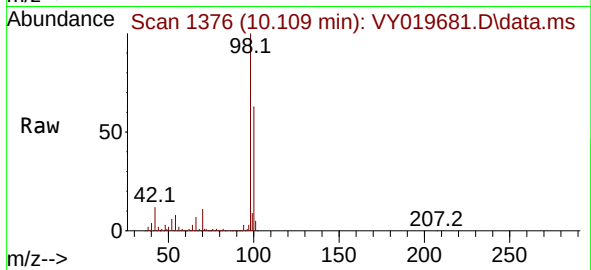
STOCK-PILE

Tgt Ion: 98 Resp: 752872

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.796 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

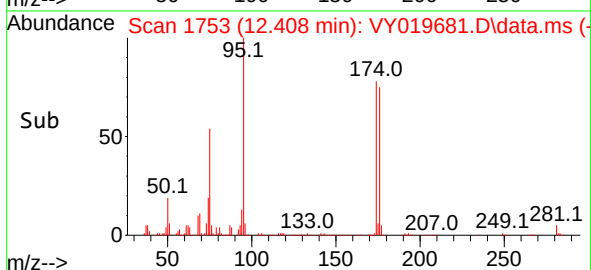
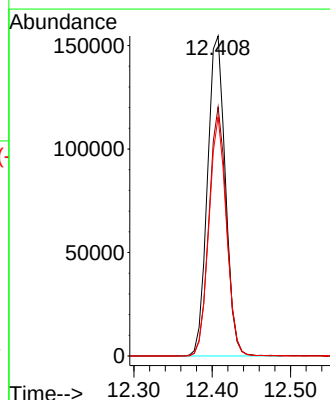
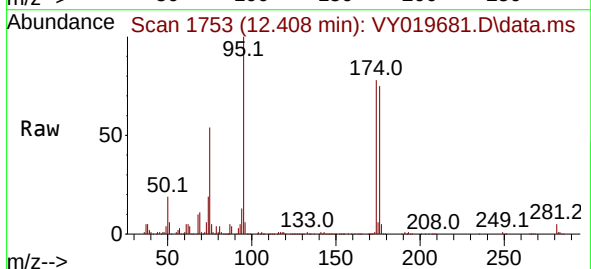
Tgt Ion: 95 Resp: 244653

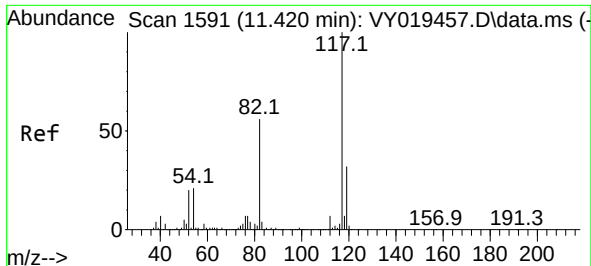
Ion Ratio Lower Upper

95 100

174 76.4 0.0 175.6

176 73.1 0.0 171.4

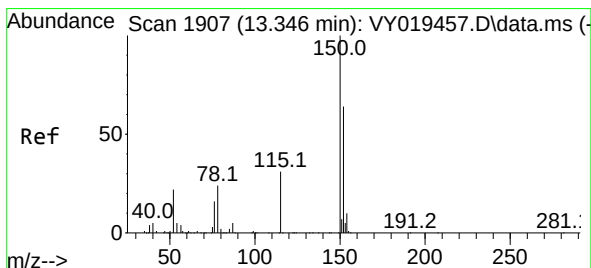
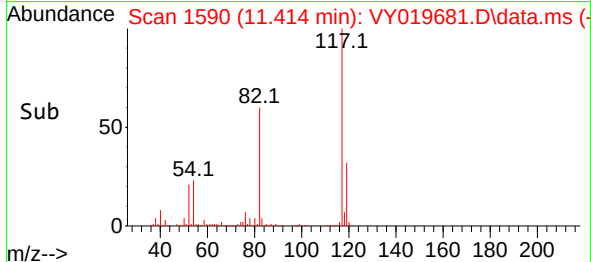
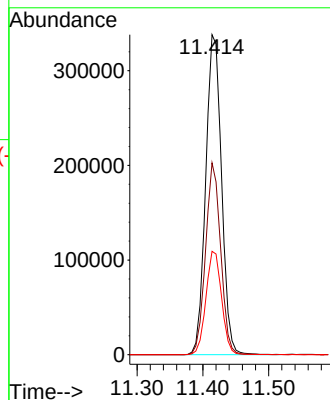
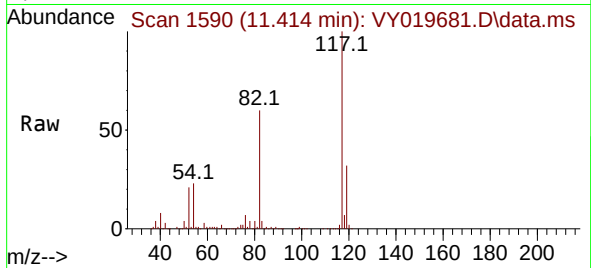




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

Tgt Ion:117 Resp: 566572
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.3 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: VY019681.D
Acq: 24 Sep 2024 14:44

Tgt Ion:152 Resp: 215983
Ion Ratio Lower Upper
152 100
115 60.9 28.2 84.7
150 157.7 0.0 345.6

