

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019470.D
 Acq On : 09 Sep 2024 17:07
 Operator : SY/MD
 Sample : P3905-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Sep 10 01:49:47 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	482204	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	916544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	819699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	325339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	266342	59.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.300%	
35) Dibromofluoromethane	7.634	113	285805	54.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.000%	
50) Toluene-d8	10.103	98	1084757	56.436	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.880%	
62) 4-Bromofluorobenzene	12.408	95	371428	50.256	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.520%	

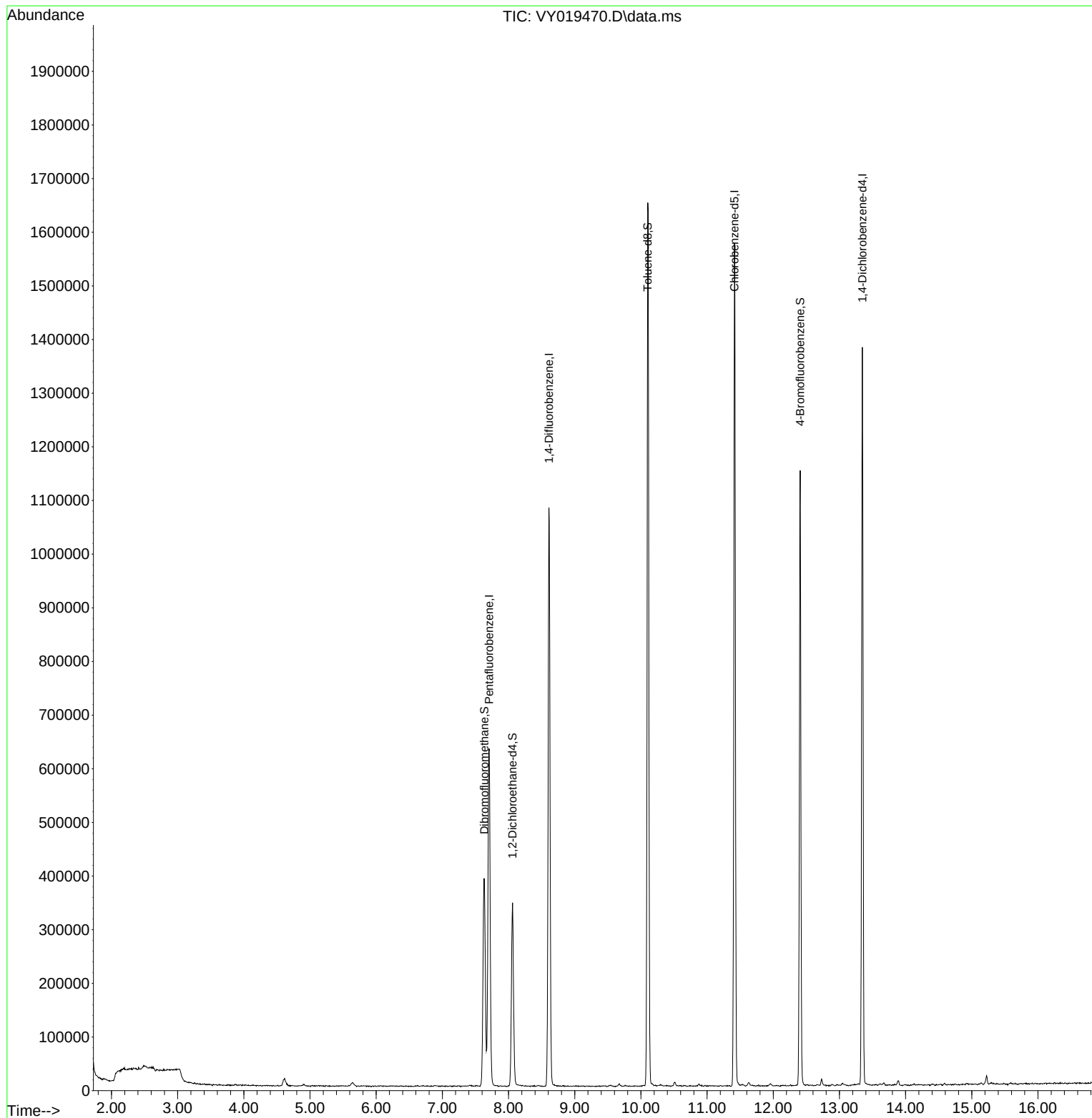
Target Compounds	Qvalue

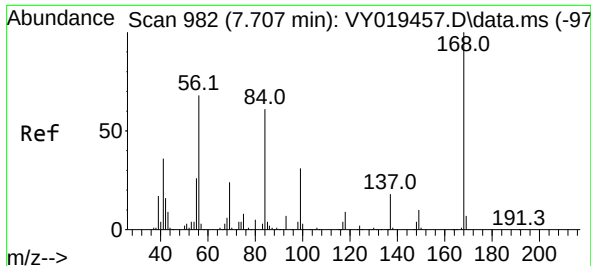
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019470.D
Acq On : 09 Sep 2024 17:07
Operator : SY/MD
Sample : P3905-05
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Sep 10 01:49:47 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

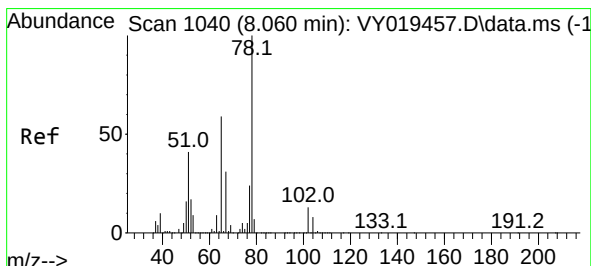
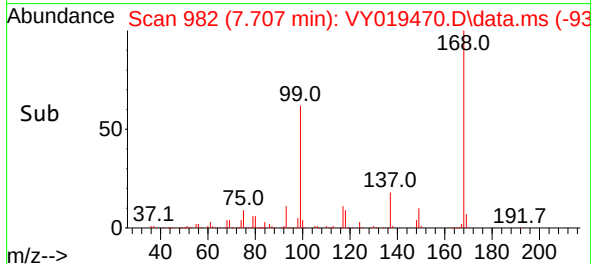
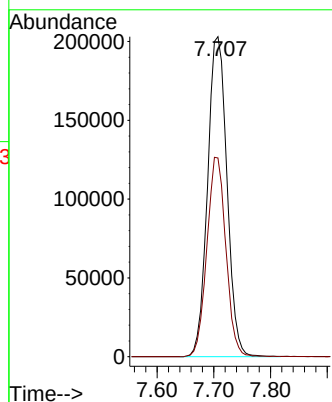
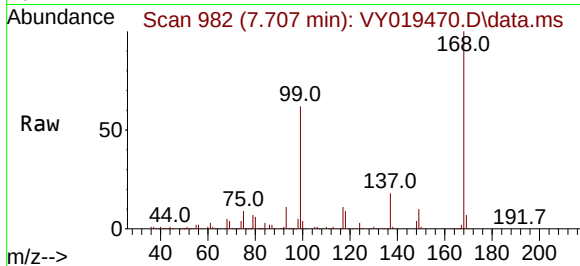




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019470.D
Acq: 09 Sep 2024 17:07

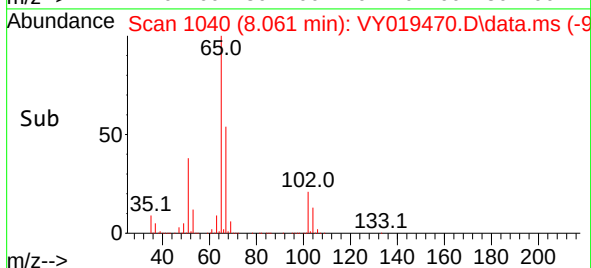
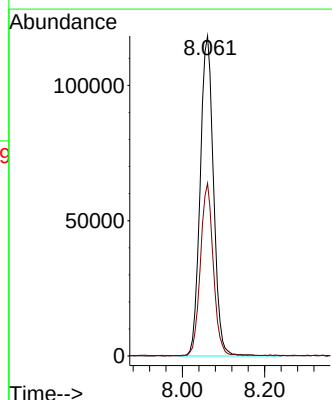
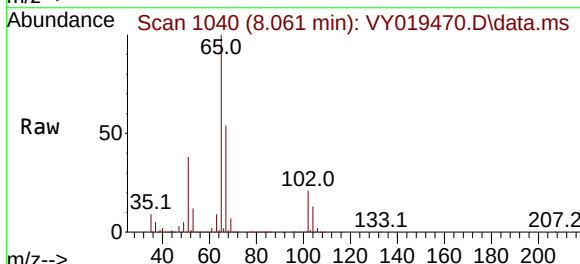
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

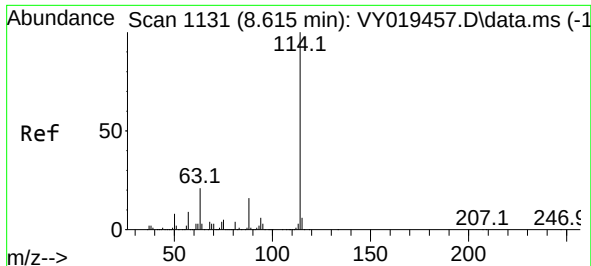
Tgt Ion:168 Resp: 482204
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.650 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019470.D
Acq: 09 Sep 2024 17:07

Tgt Ion: 65 Resp: 266342
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019470.D

Acq: 09 Sep 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

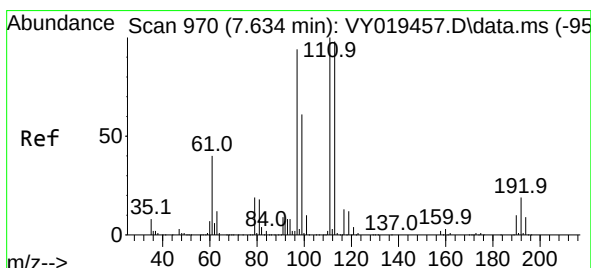
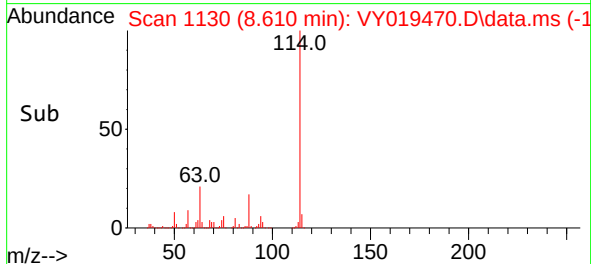
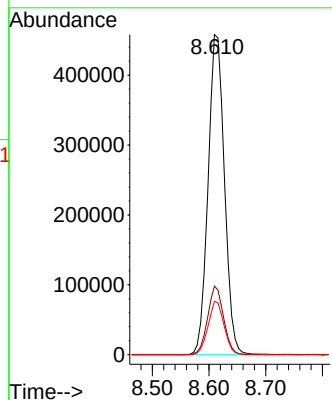
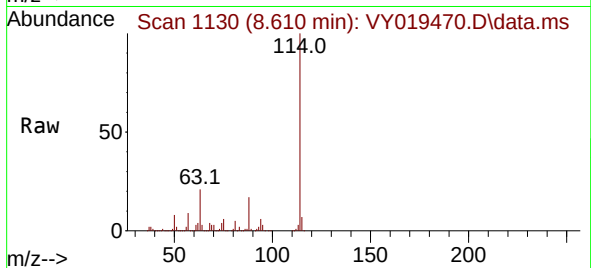
Tgt Ion:114 Resp: 916544

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.998 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019470.D

Acq: 09 Sep 2024 17:07

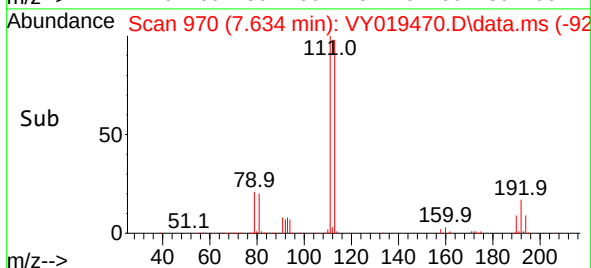
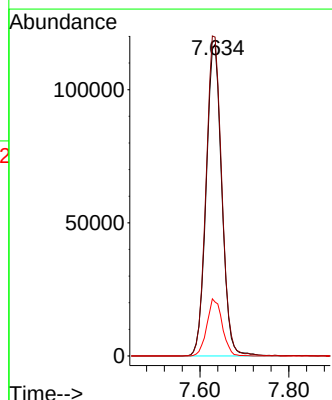
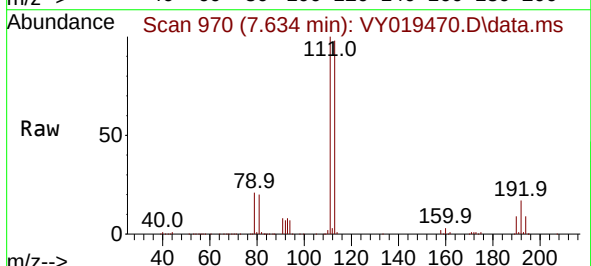
Tgt Ion:113 Resp: 285805

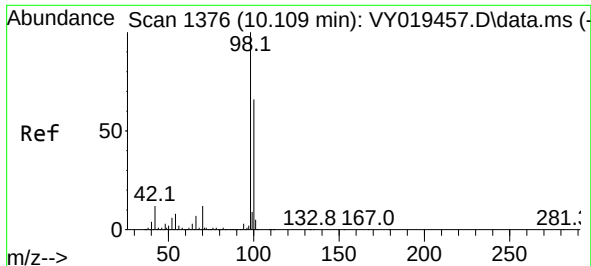
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 18.1 15.9 23.9

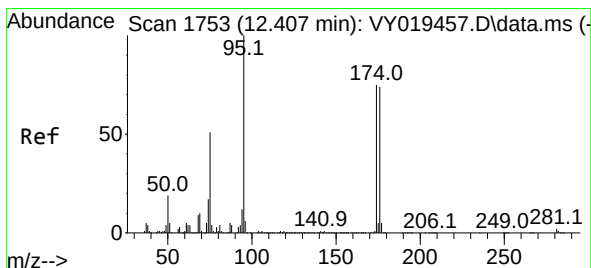
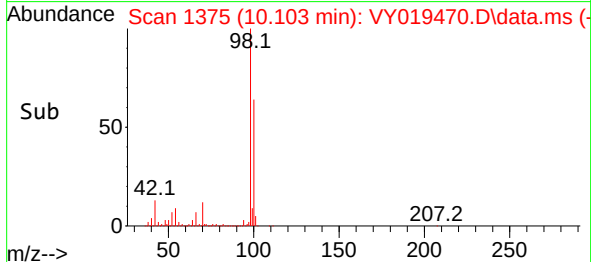
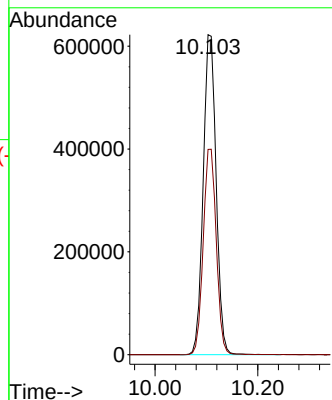
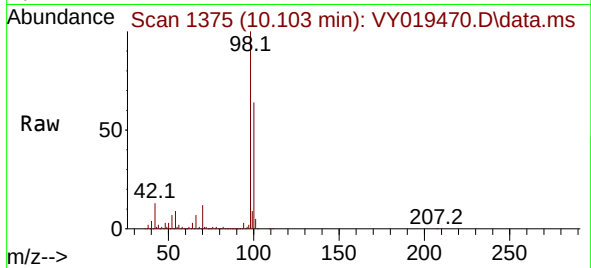




#50
Toluene-d8
Concen: 56.436 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019470.D
Acq: 09 Sep 2024 17:07

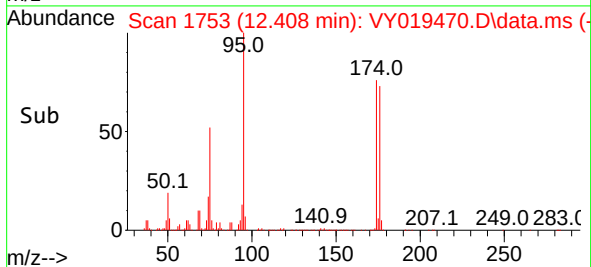
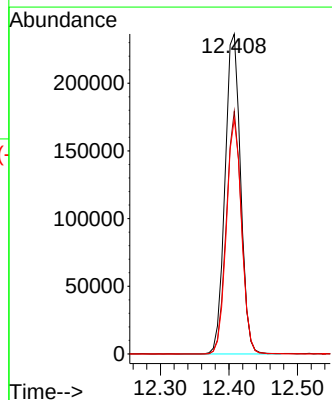
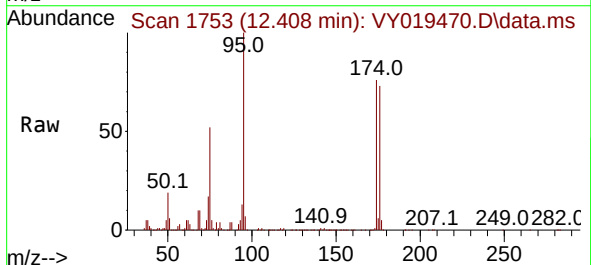
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

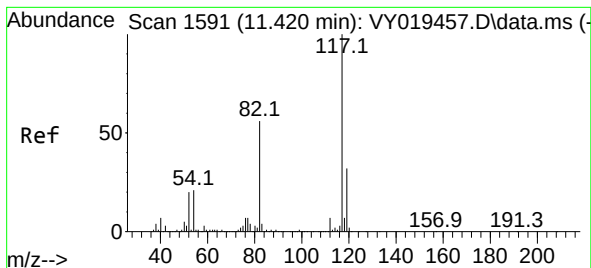
Tgt Ion: 98 Resp: 1084757
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.256 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019470.D
Acq: 09 Sep 2024 17:07

Tgt Ion: 95 Resp: 371428
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019470.D

Acq: 09 Sep 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

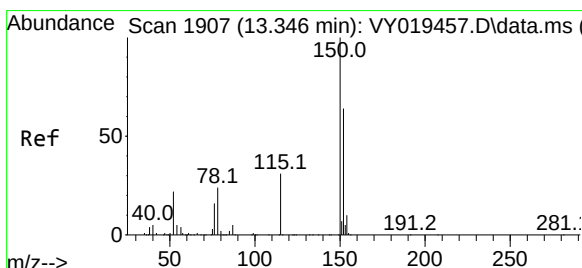
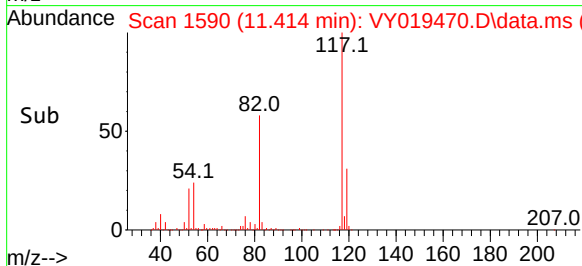
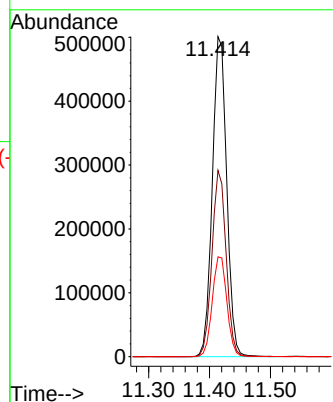
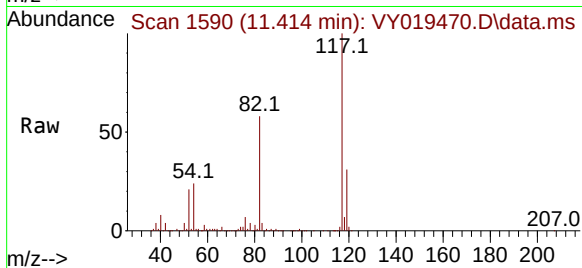
Tgt Ion:117 Resp: 819699

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.2 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: VY019470.D

Acq: 09 Sep 2024 17:07

Tgt Ion:152 Resp: 325339

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 158.3 0.0 345.6

