

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019639.D
 Acq On : 20 Sep 2024 12:39
 Operator : SY/MD
 Sample : P4085-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Sep 20 15:23:14 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	7.701	168	328685	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	611463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	537933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	193754	63.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.320%
35) Dibromofluoromethane	7.628	113	194902	56.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.103	98	726243	56.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.280%
62) 4-Bromofluorobenzene	12.402	95	233390	47.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.660%

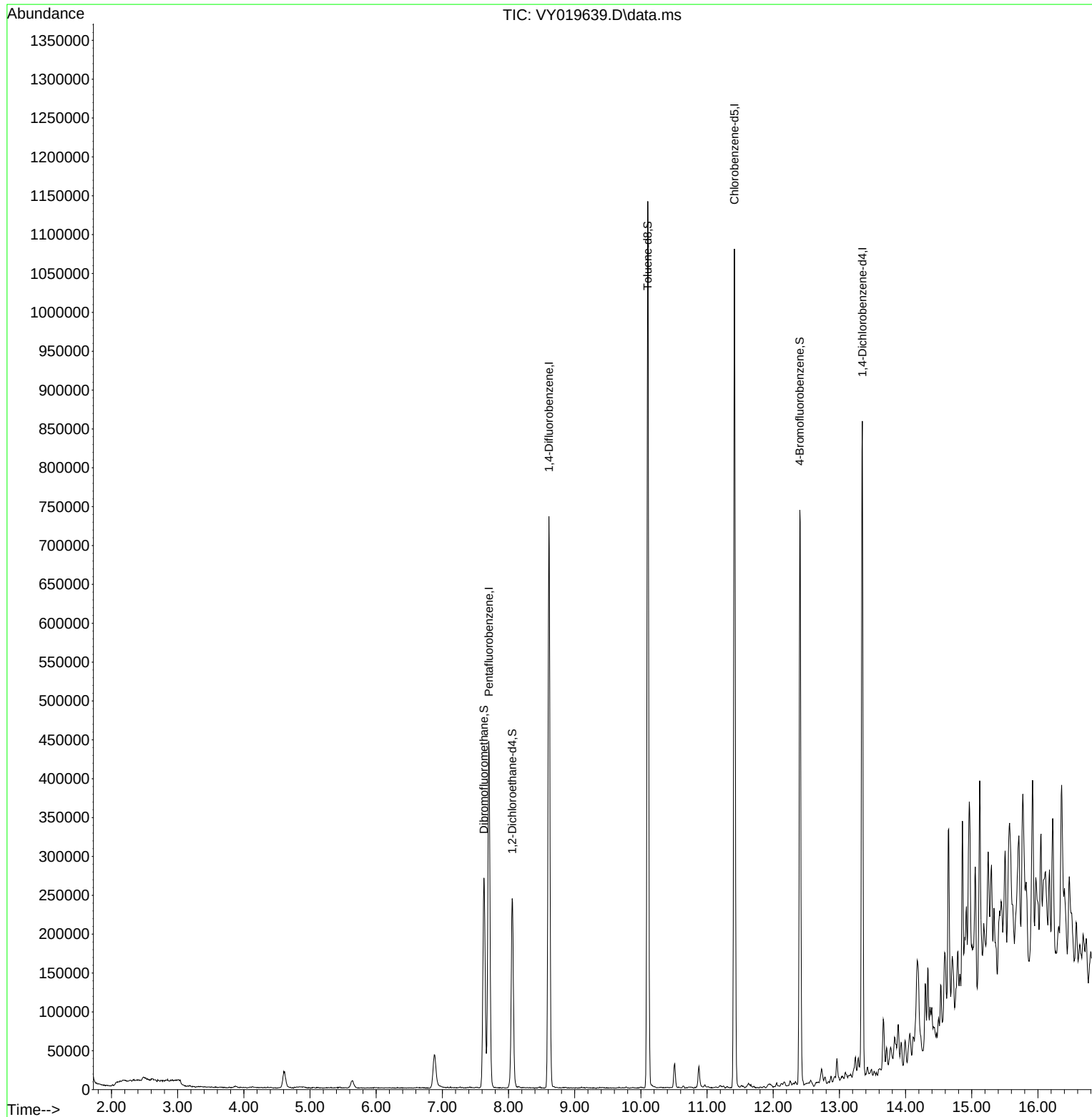
Target Compounds	Qvalue

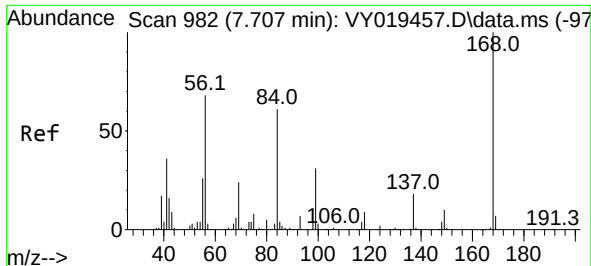
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
Data File : VY019639.D
Acq On : 20 Sep 2024 12:39
Operator : SY/MD
Sample : P4085-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Sep 20 15:23:14 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

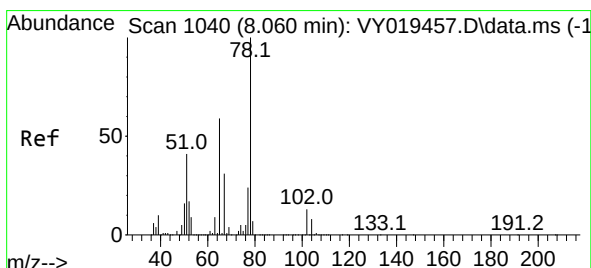
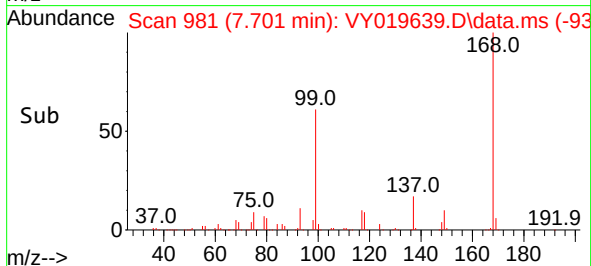
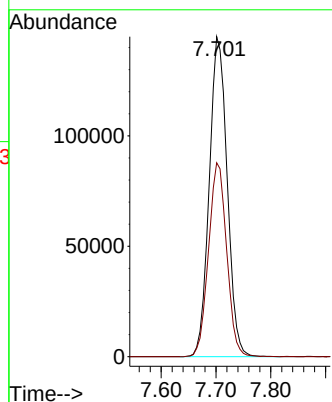
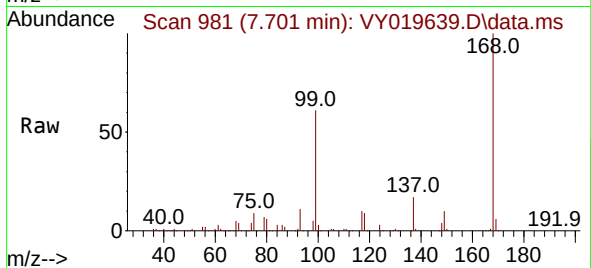




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

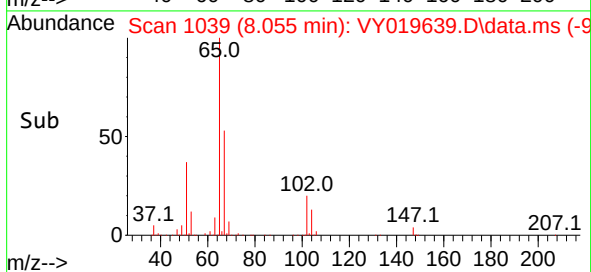
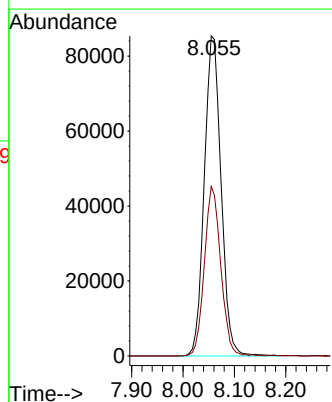
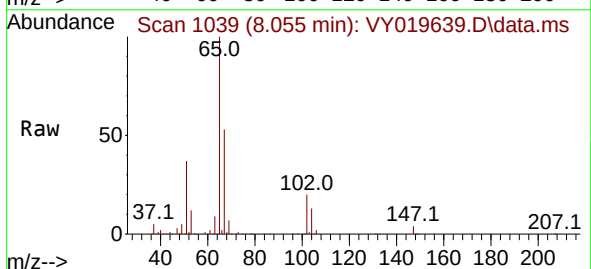
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

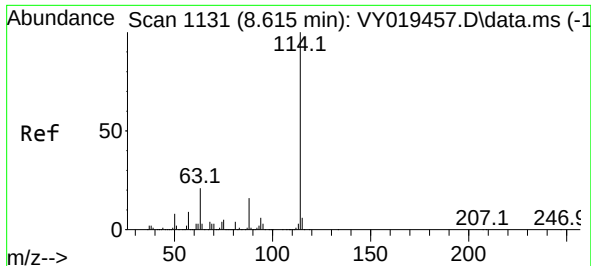
Tgt Ion:168 Resp: 328685
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.661 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 65 Resp: 193754
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# 1131

Delta R.T. -0.006 min

Lab File: VY019639.D

Acq: 20 Sep 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

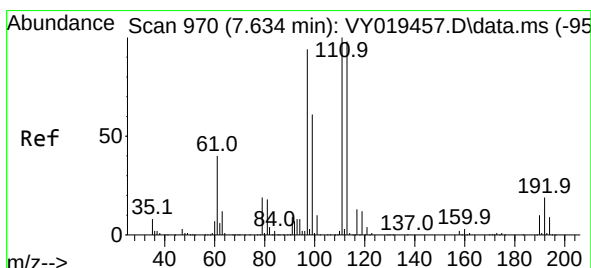
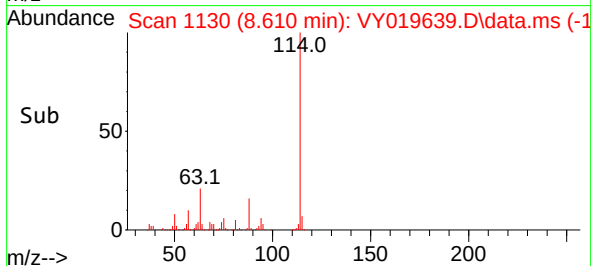
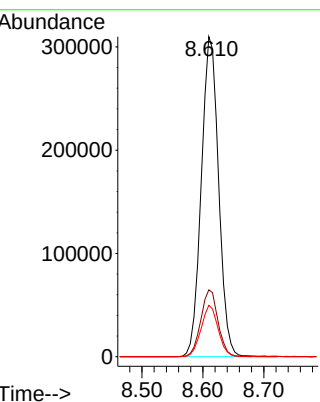
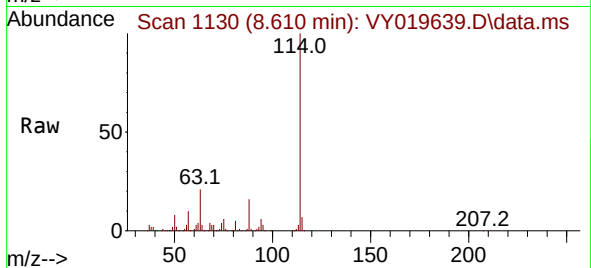
Tgt Ion:114 Resp: 611463

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.218 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019639.D

Acq: 20 Sep 2024 12:39

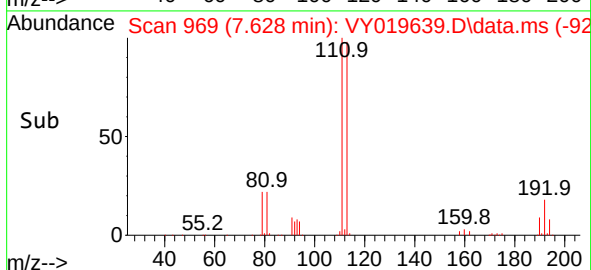
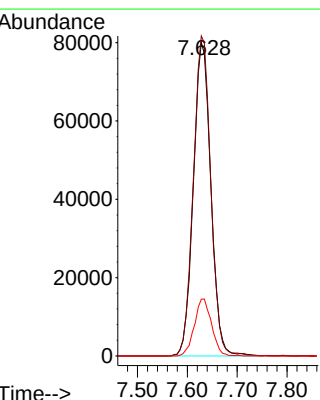
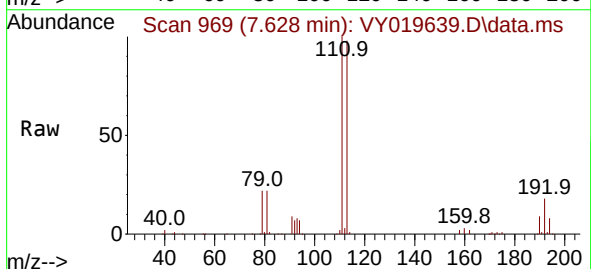
Tgt Ion:113 Resp: 194902

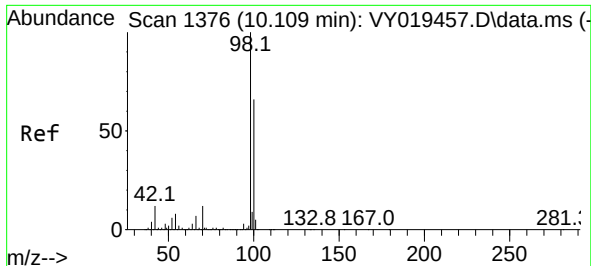
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 17.9 15.9 23.9

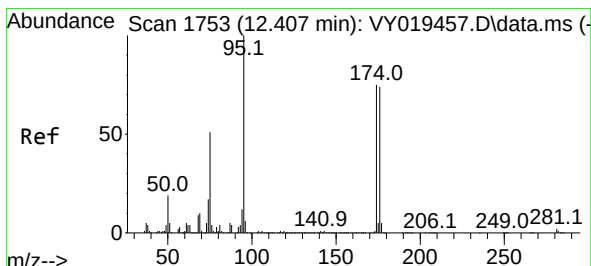
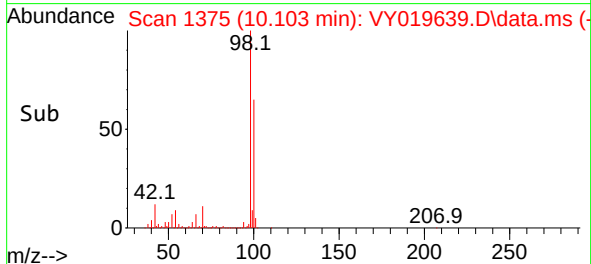
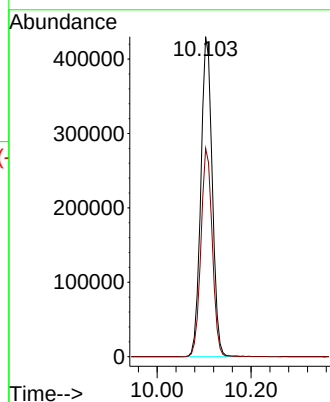
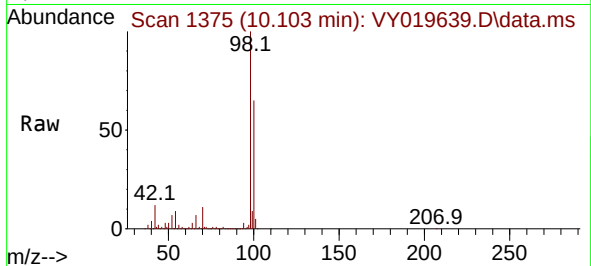




#50
Toluene-d8
Concen: 56.635 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

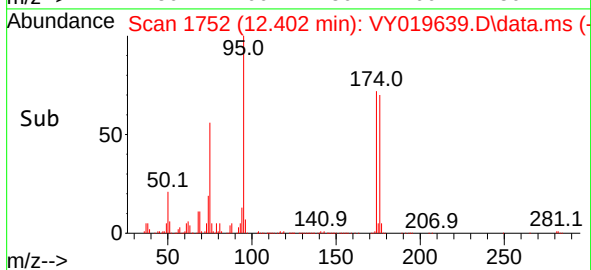
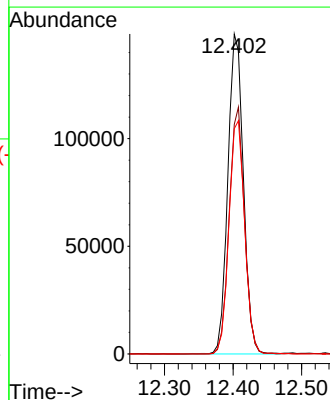
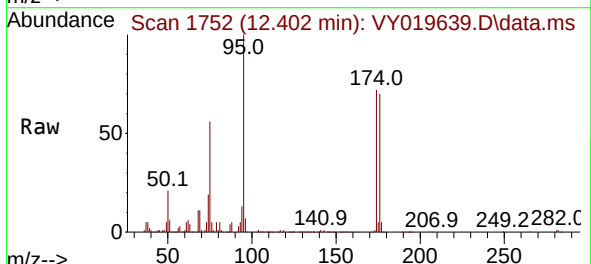
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

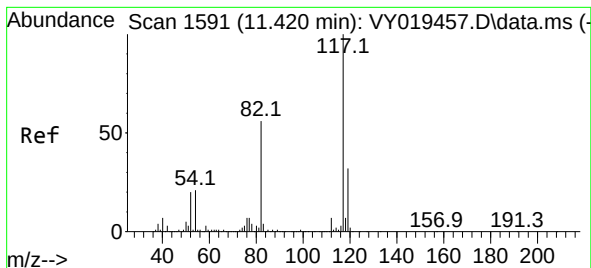
Tgt Ion: 98 Resp: 726243
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.335 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019639.D
Acq: 20 Sep 2024 12:39

Tgt Ion: 95 Resp: 233390
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.8 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: VY019639.D

Acq: 20 Sep 2024 12:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

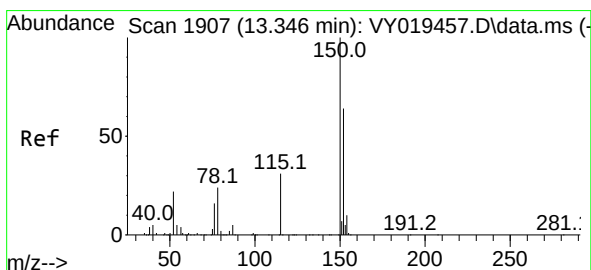
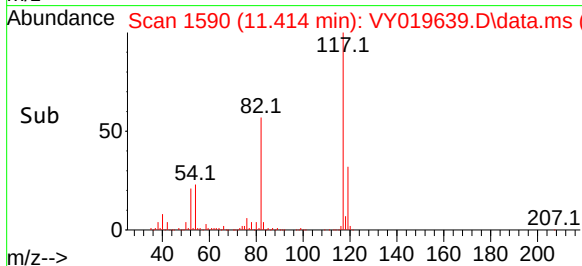
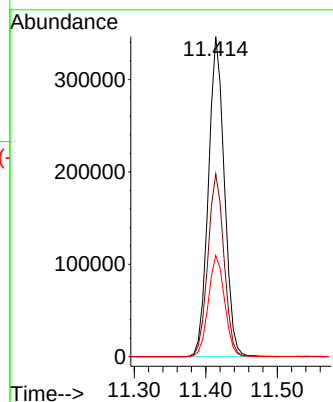
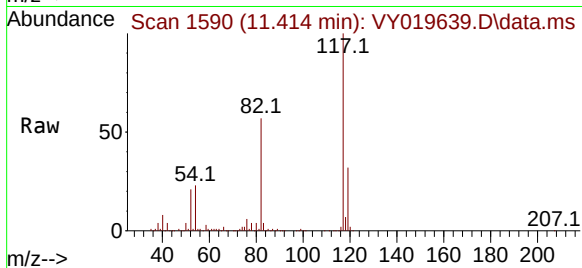
Tgt Ion:117 Resp: 537933

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 31.6 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: VY019639.D

Acq: 20 Sep 2024 12:39

Tgt Ion:152 Resp: 203980

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 158.3 0.0 345.6

