

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019636.D
 Acq On : 20 Sep 2024 11:11
 Operator : SY/MD
 Sample : VY0920SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBL01

Quant Time: Sep 20 15:22:37 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	344173	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	652882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191091	59.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.920%
35) Dibromofluoromethane	7.628	113	201063	54.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.640%
50) Toluene-d8	10.109	98	767782	56.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.160%
62) 4-Bromofluorobenzene	12.408	95	239946	45.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.160%

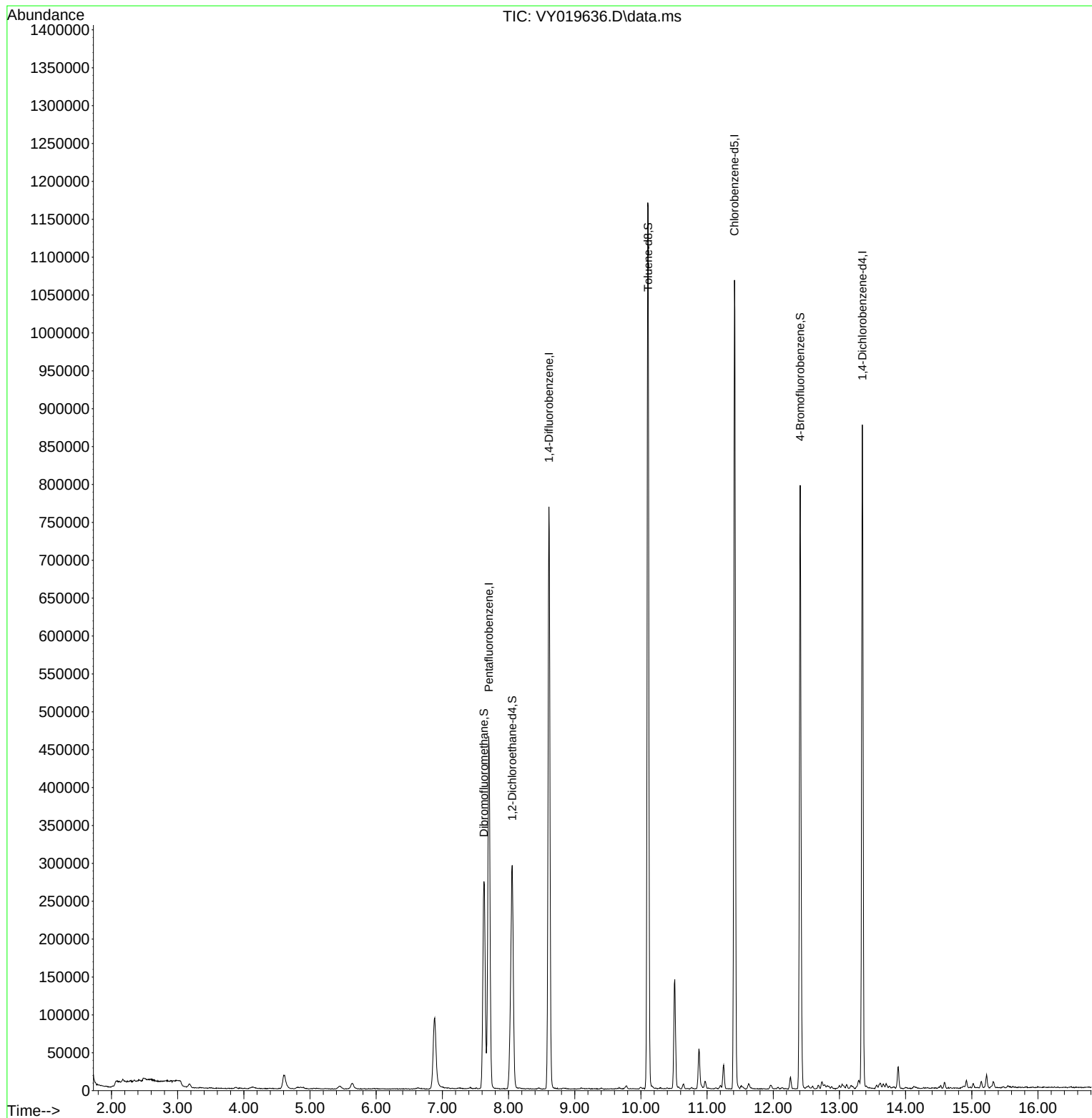
Target Compounds	Qvalue

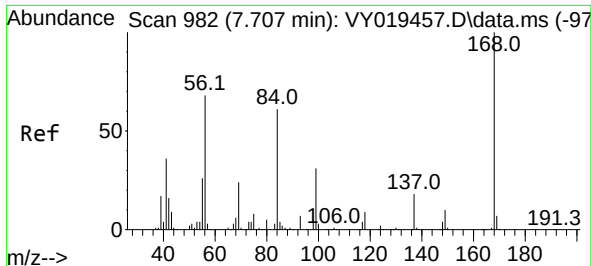
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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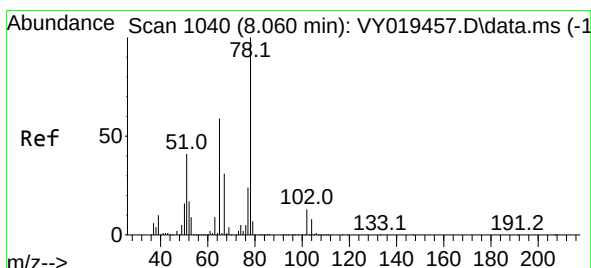
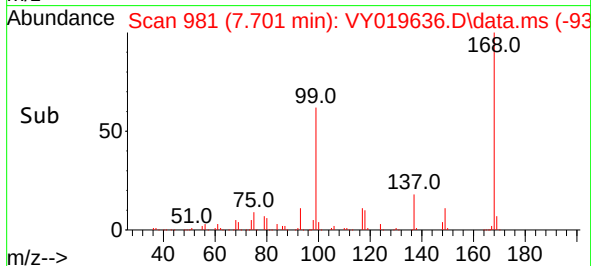
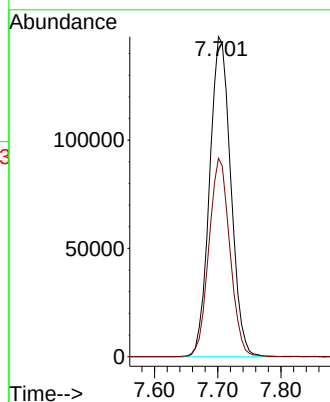
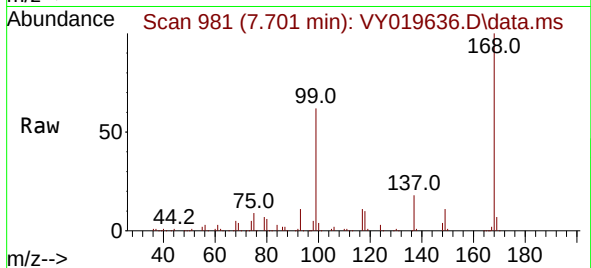




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

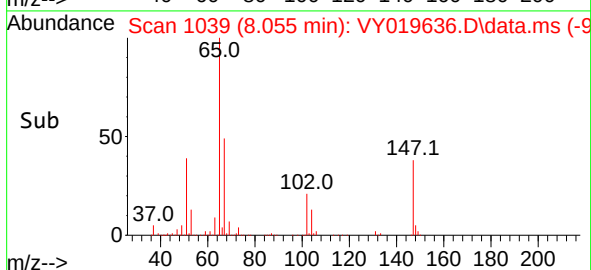
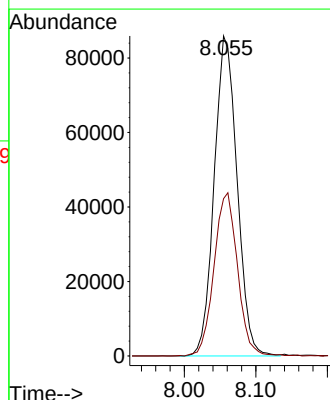
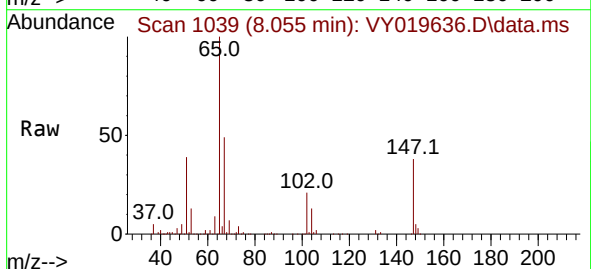
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

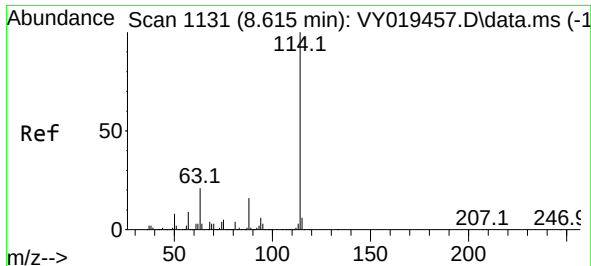
Tgt Ion:168 Resp: 344173
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.960 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 65 Resp: 191091
Ion Ratio Lower Upper
65 100
67 52.3 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: VY019636.D

Acq: 20 Sep 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBL01

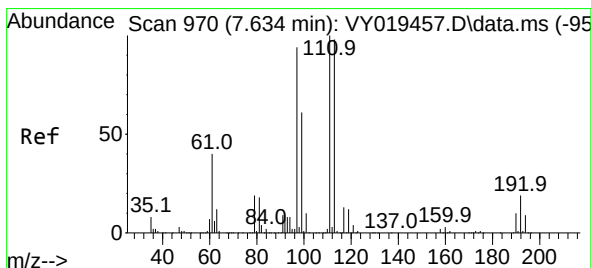
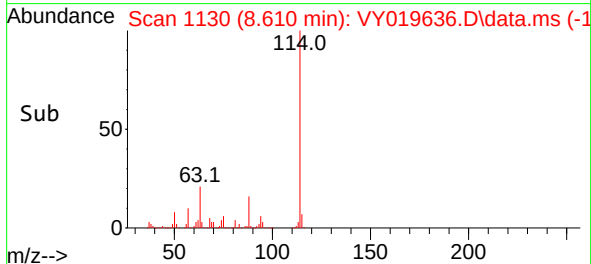
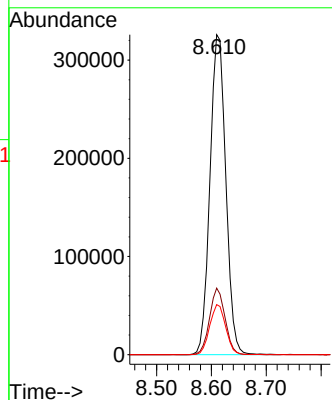
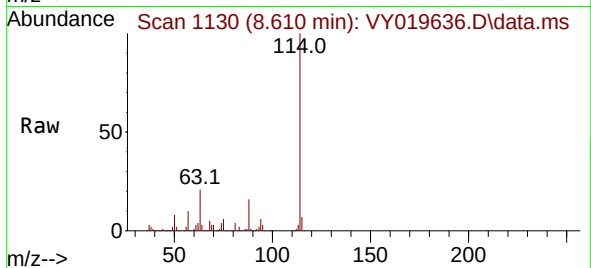
Tgt Ion:114 Resp: 652882

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.316 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019636.D

Acq: 20 Sep 2024 11:11

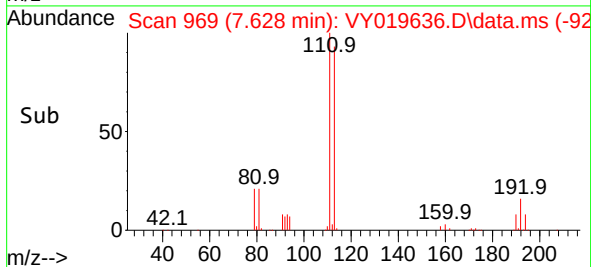
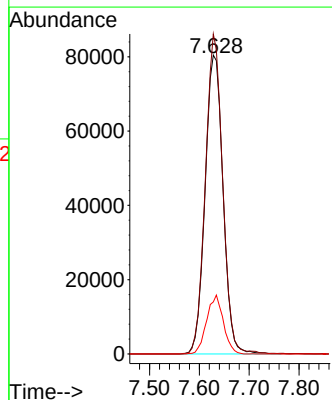
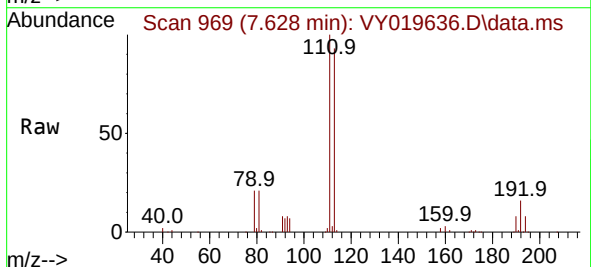
Tgt Ion:113 Resp: 201063

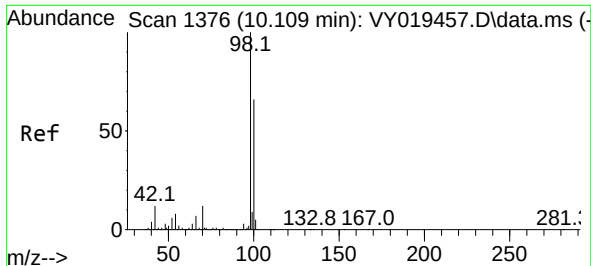
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 18.3 15.9 23.9

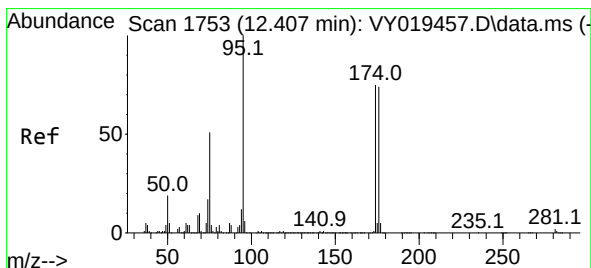
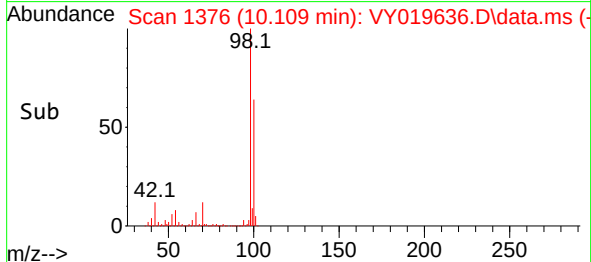
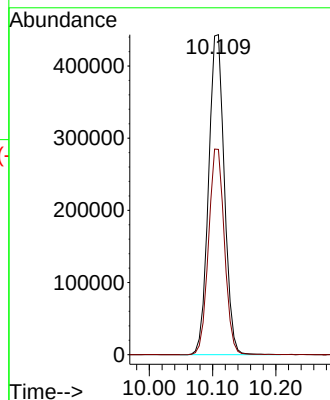
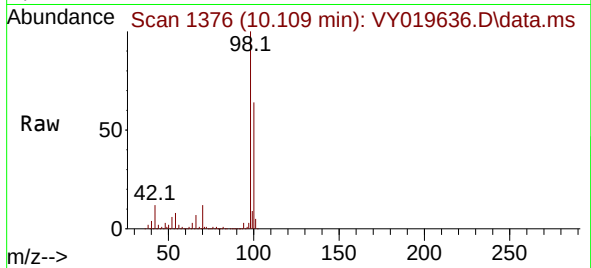




#50
Toluene-d8
Concen: 56.076 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

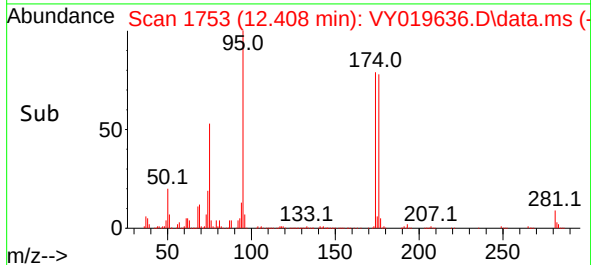
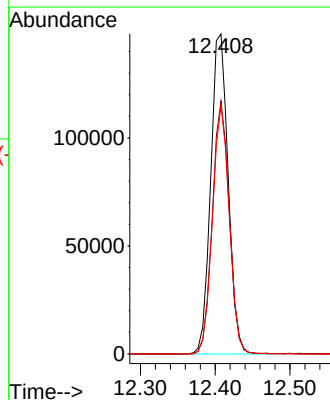
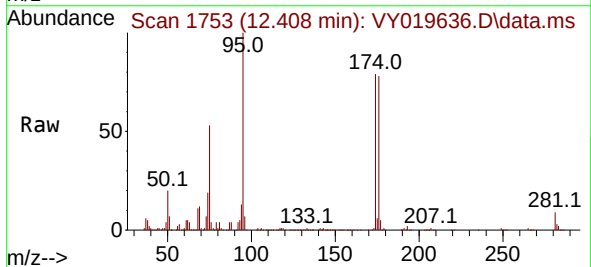
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

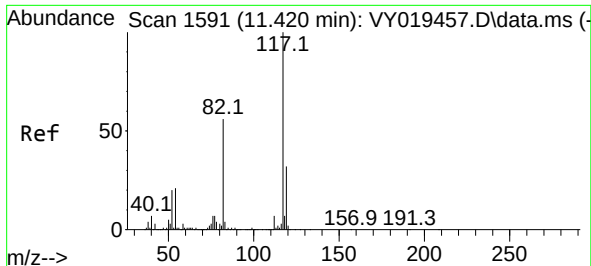
Tgt Ion: 98 Resp: 767782
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.577 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion: 95 Resp: 239946
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 74.7 0.0 171.4

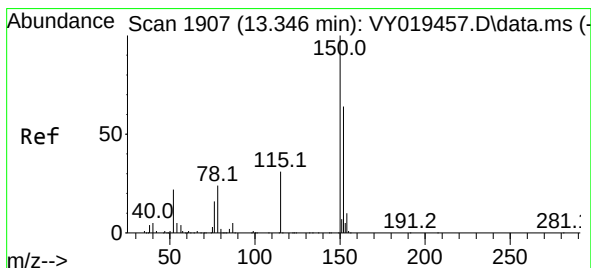
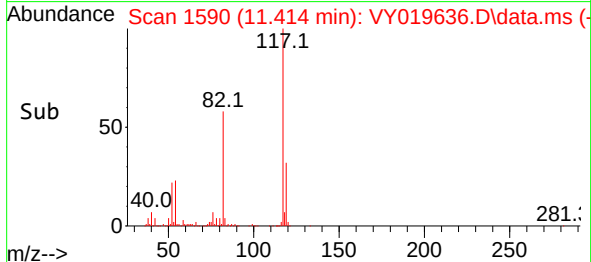
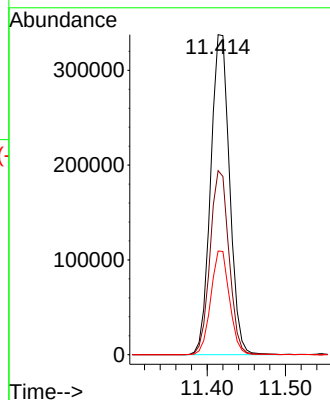
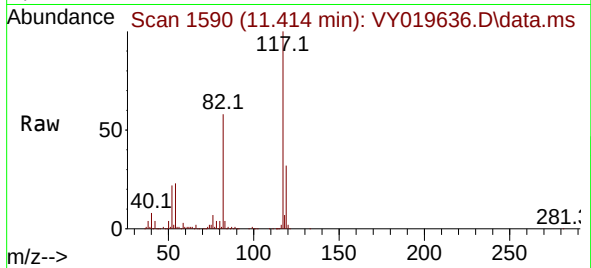




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019636.D
Acq: 20 Sep 2024 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

Tgt Ion:117 Resp: 566913
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 32.4 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: VY019636.D
Acq: 20 Sep 2024 11:11

Tgt Ion:152 Resp: 211948
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 155.5 0.0 345.6

