

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019569.D
 Acq On : 16 Sep 2024 16:16
 Operator : SY/MD
 Sample : P4002-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Sep 17 02:15:26 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)

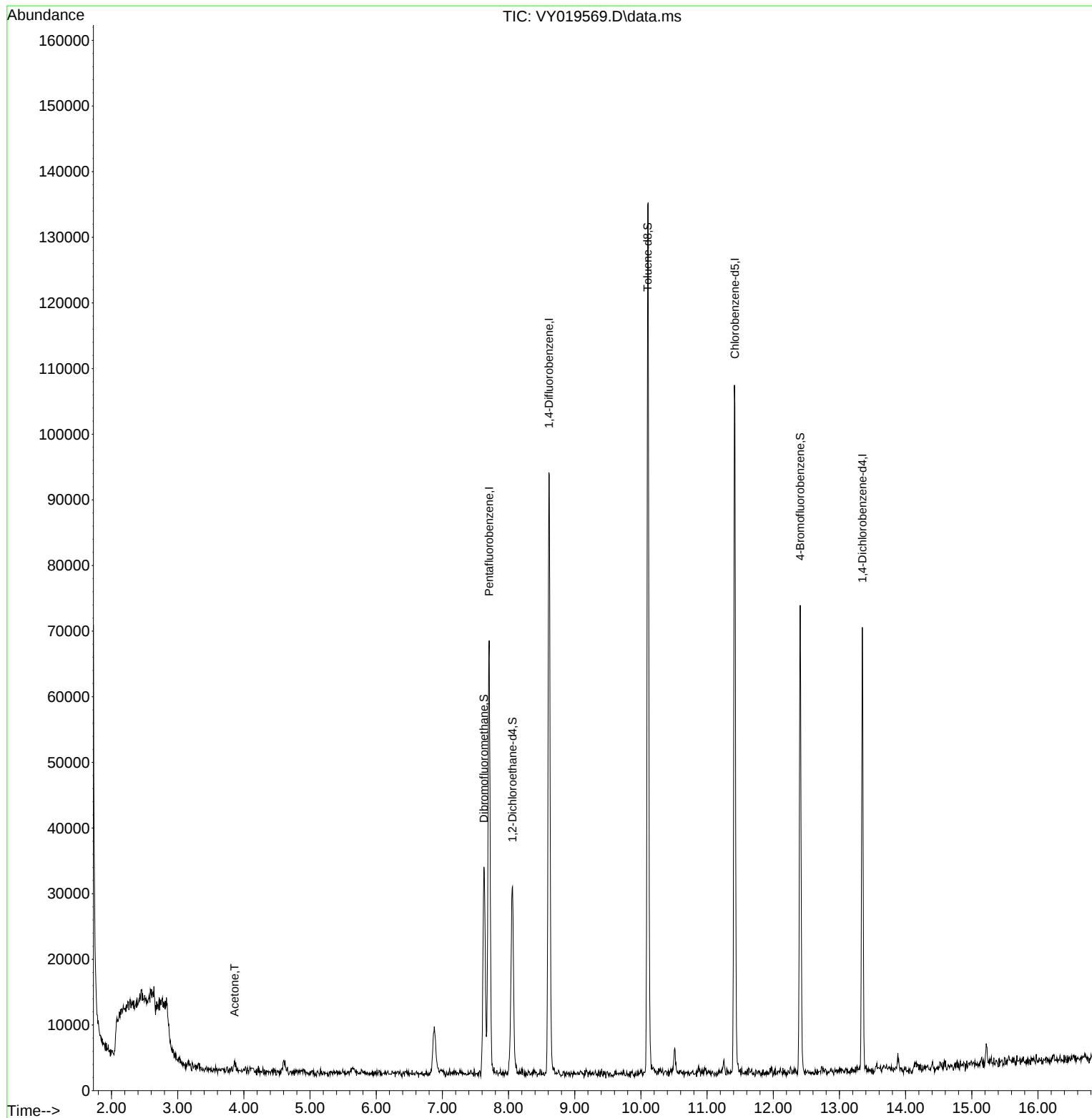
Internal Standards						
1) Pentafluorobenzene	7.707	168	48876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	78224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	56360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	15868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	21204	46.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.628	113	23526	53.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.080%
50) Toluene-d8	10.103	98	87901	53.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.160%
62) 4-Bromofluorobenzene	12.407	95	22089	35.019	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.040%
Target Compounds						
16) Acetone	3.860	43	2630m	24.392	ug/l	Qvalue

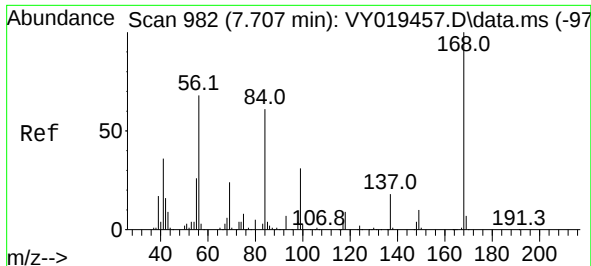
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY091624\
Data File : VY019569.D
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Operator : SY/MD
Sample : P4002-03
Misc : 5.02g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
TP-2

Quant Time: Sep 17 02:15:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

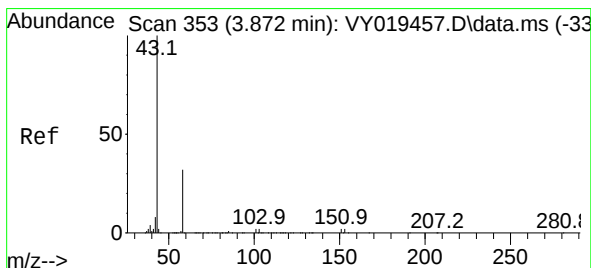
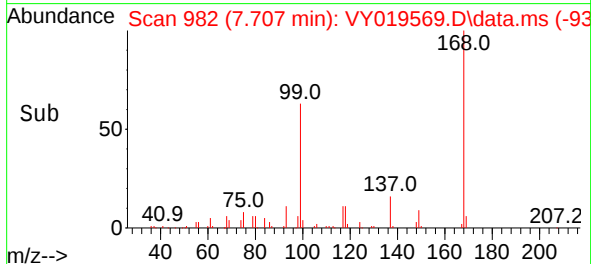
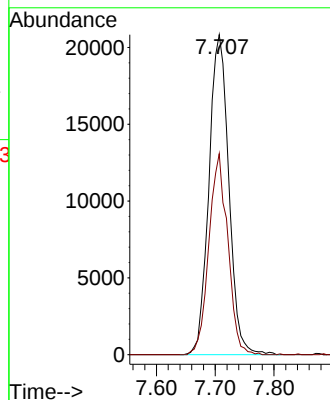
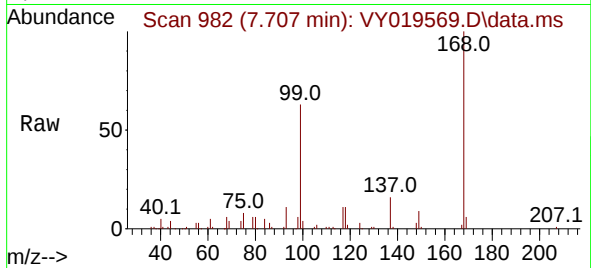




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019569.D
Acq: 16 Sep 2024 16:16

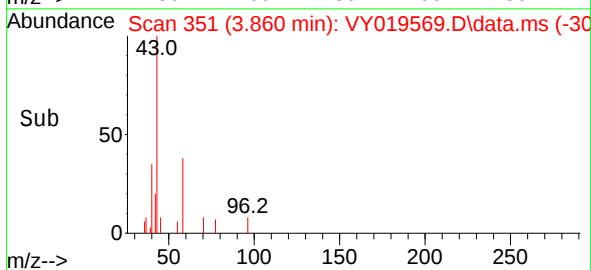
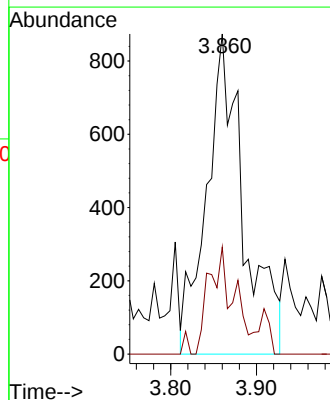
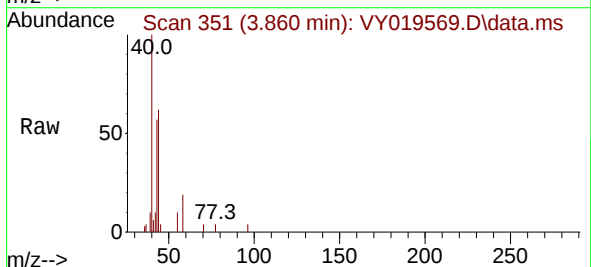
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

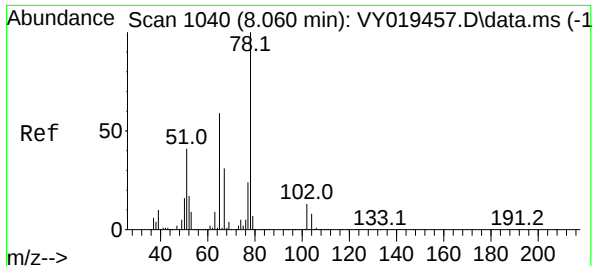
Tgt Ion:168 Resp: 48876
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#16
Acetone
Concen: 24.392 ug/l m
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019569.D
Acq: 16 Sep 2024 16:16

Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
58 33.4 31.7 47.5

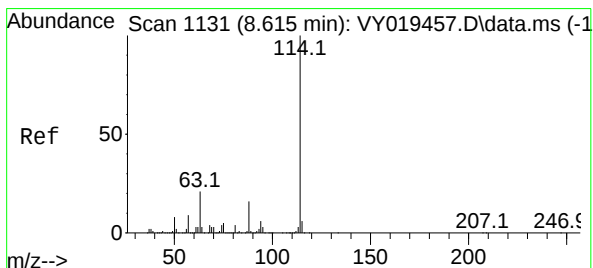
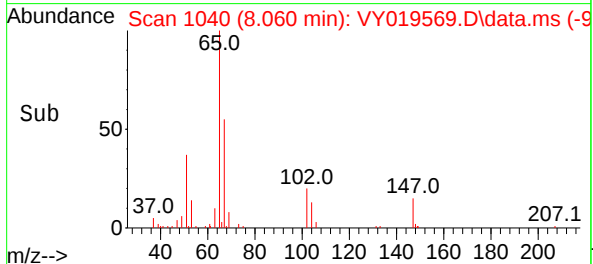
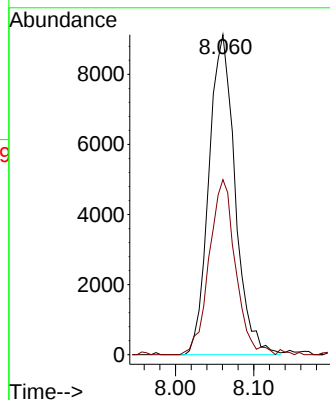
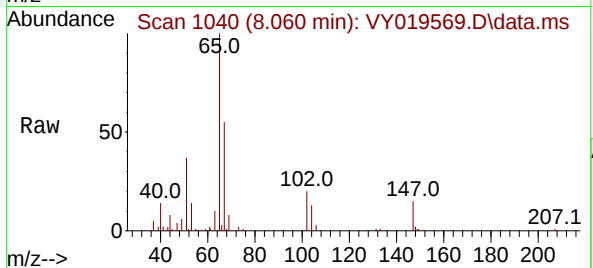




#33
1,2-Dichloroethane-d4
Concen: 46.851 ug/l
RT: 8.060 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY019569.D
Acq: 16 Sep 2024 16:16

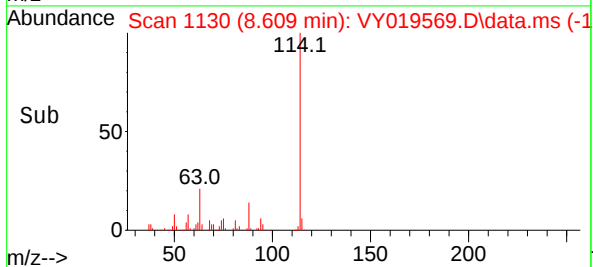
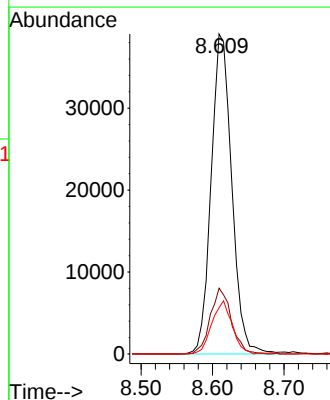
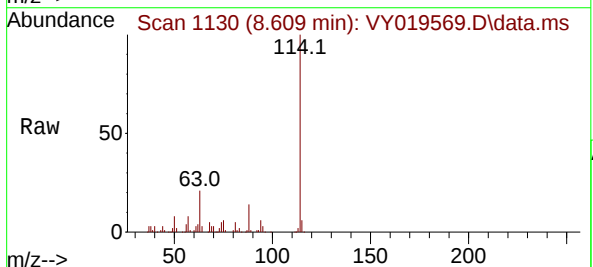
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

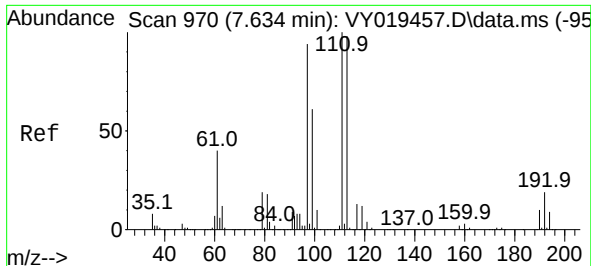
Tgt Ion: 65 Resp: 21204
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019569.D
Acq: 16 Sep 2024 16:16

Tgt Ion: 114 Resp: 78224
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.044 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY019569.D

Acq: 16 Sep 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

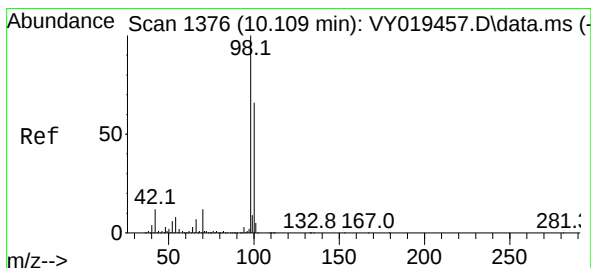
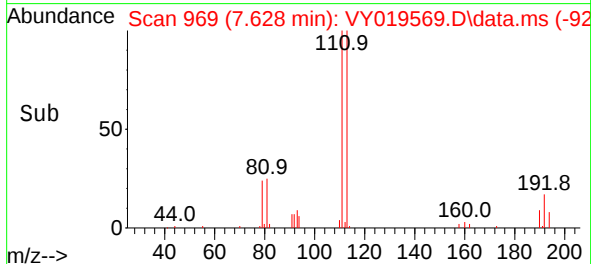
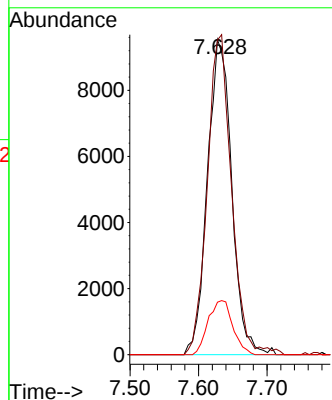
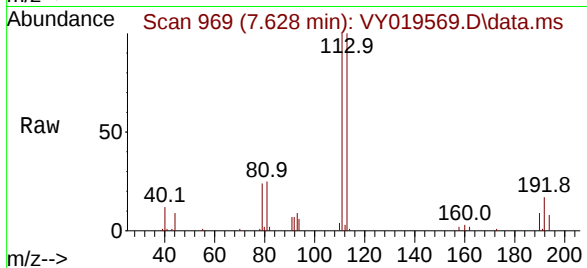
Tgt Ion:113 Resp: 23526

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 17.4 15.9 23.9



#50

Toluene-d8

Concen: 53.583 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019569.D

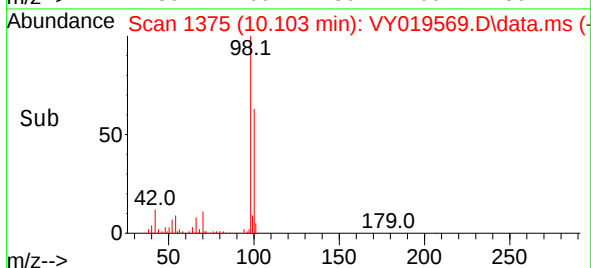
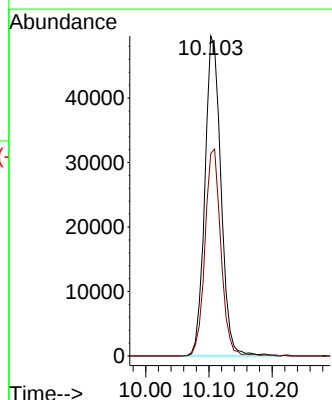
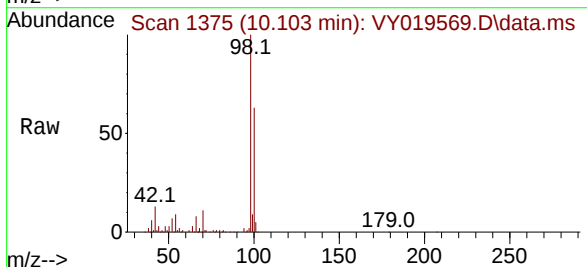
Acq: 16 Sep 2024 16:16

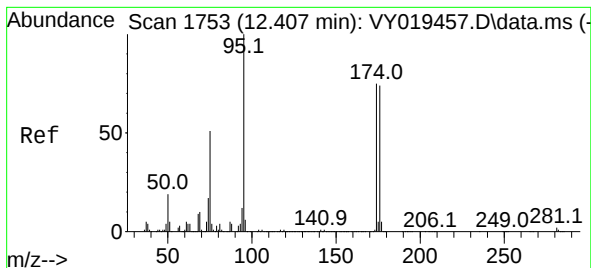
Tgt Ion: 98 Resp: 87901

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 35.019 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019569.D

Acq: 16 Sep 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

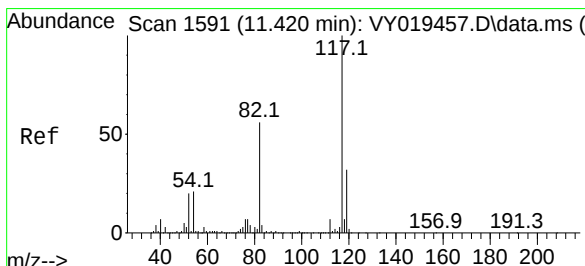
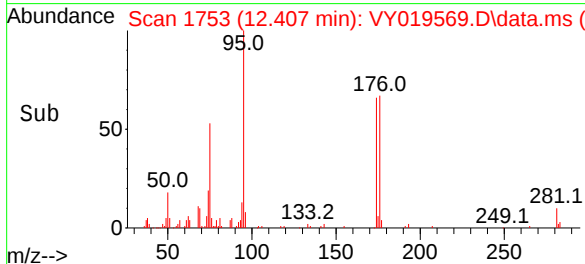
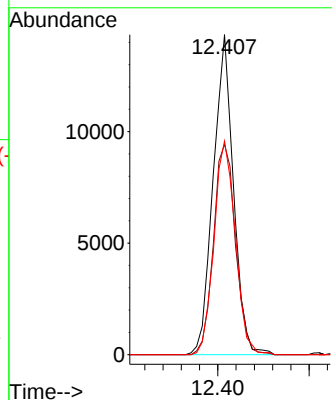
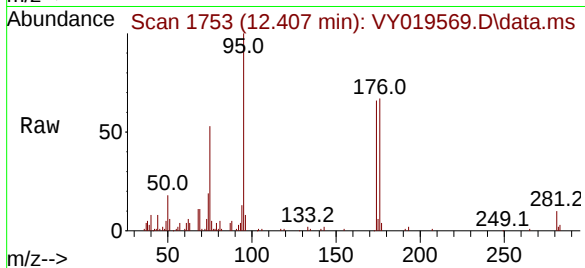
Tgt Ion: 95 Resp: 22089

Ion Ratio Lower Upper

95 100

174 71.5 0.0 175.6

176 70.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY019569.D

Acq: 16 Sep 2024 16:16

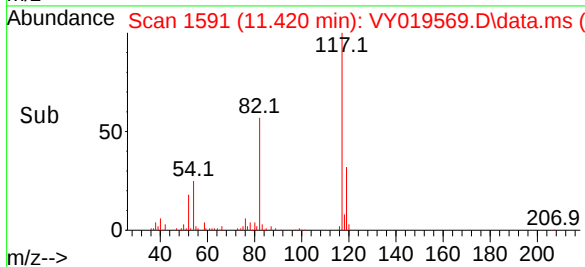
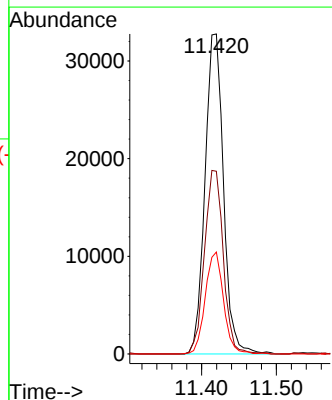
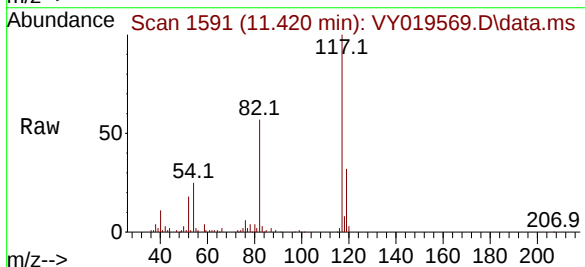
Tgt Ion: 117 Resp: 56360

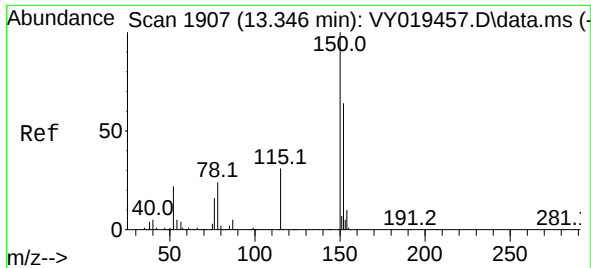
Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY019569.D
 Acq: 16 Sep 2024 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 15868
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 153.4 0.0 345.6

