

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020915.D
 Acq On : 23 Jan 2025 17:04
 Operator : SY/MD
 Sample : Q1169-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

Quant Time: Jan 24 00:19:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	424525	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.628	114	638517	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	507766	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	229813	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	154884	42.924	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.840%
35) Dibromofluoromethane	7.646	113	174395	43.596	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.200%
50) Toluene-d8	10.115	98	669598	48.017	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.414	95	206341	40.069	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.140%

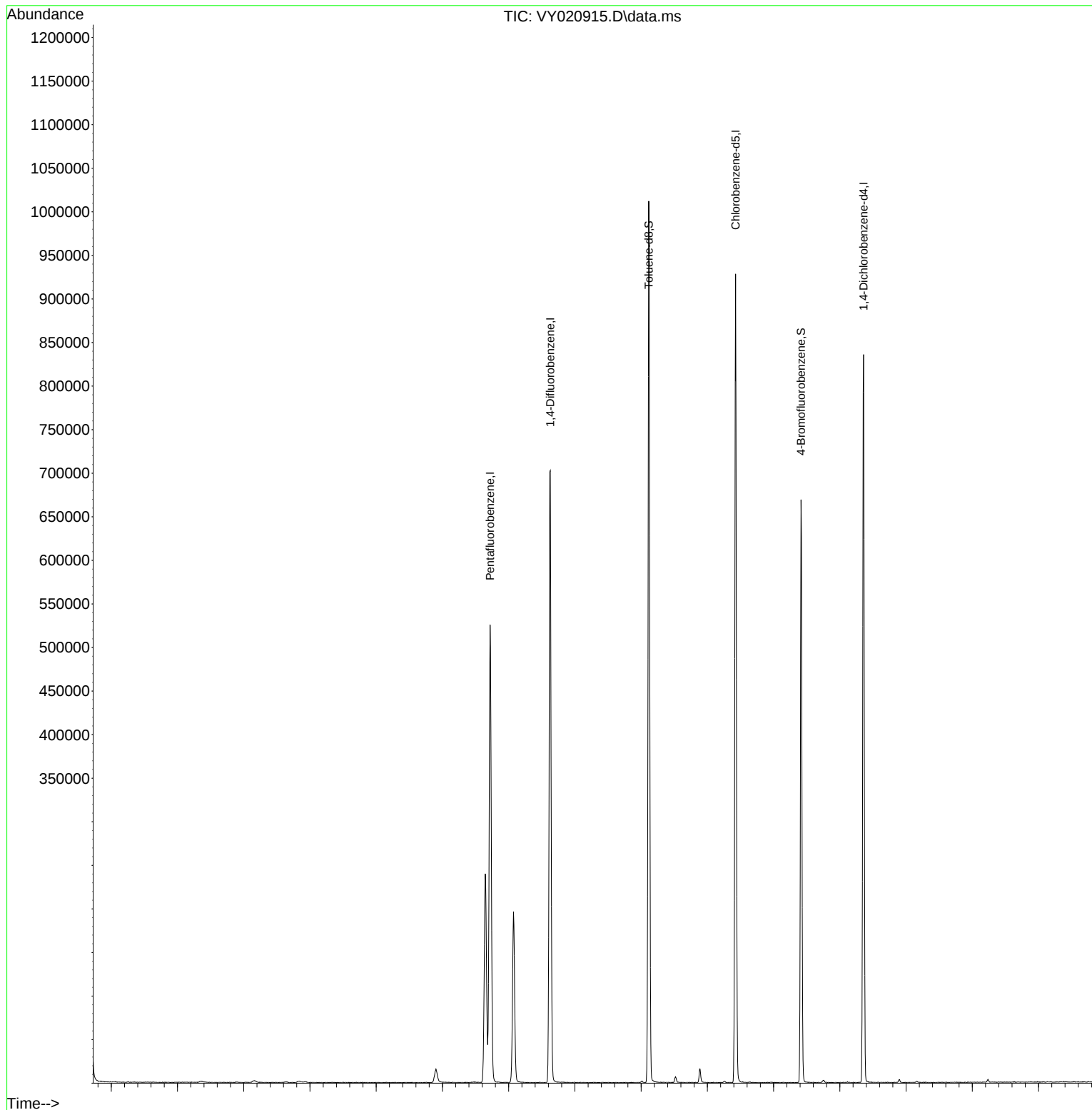
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020915.D
Acq On : 23 Jan 2025 17:04
Operator : SY/MD
Sample : Q1169-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

Quant Time: Jan 24 00:19:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

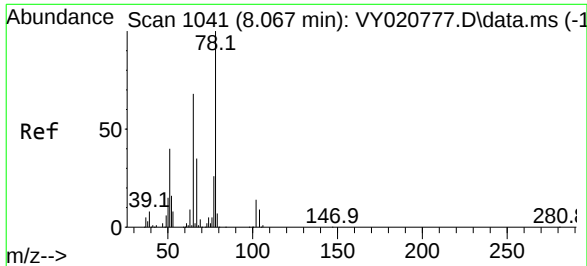
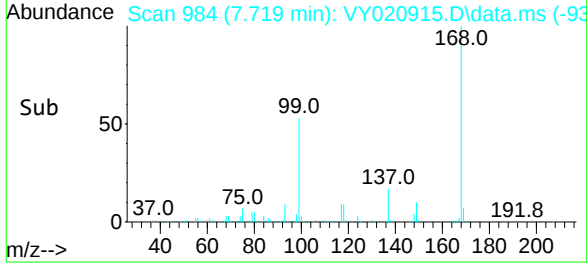
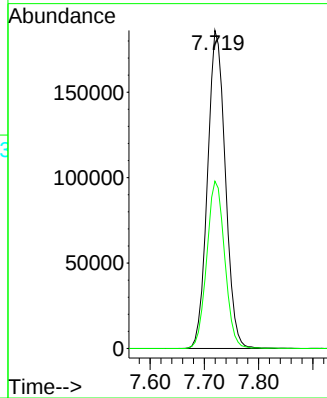
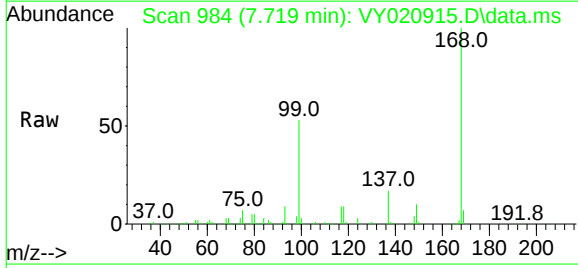




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020915.D
Acq: 23 Jan 2025 17:04

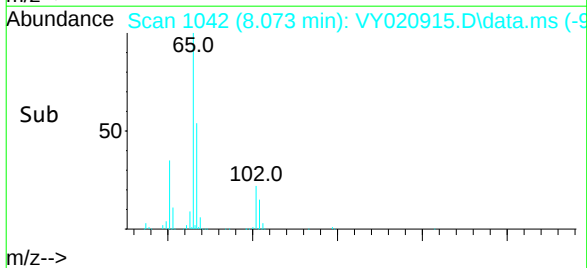
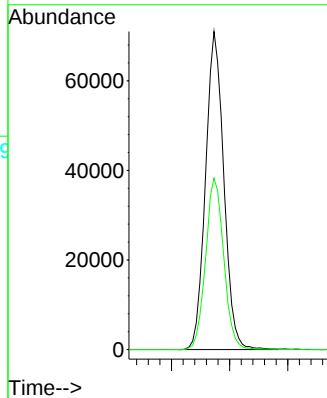
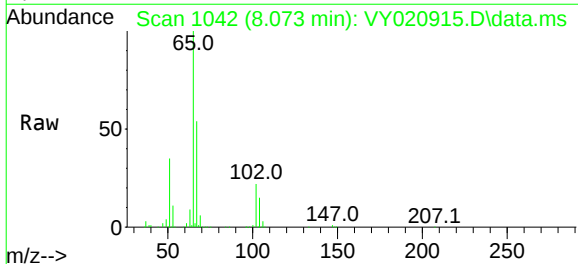
Instrument :
MSVOA_Y
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

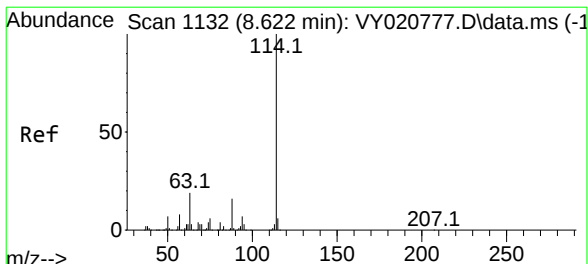
Tgt Ion:168 Resp: 424525
Ion Ratio Lower Upper
168 100
99 52.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 42.924 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.018 min
Lab File: VY020915.D
Acq: 23 Jan 2025 17:04

Tgt Ion: 65 Resp: 154884
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.8

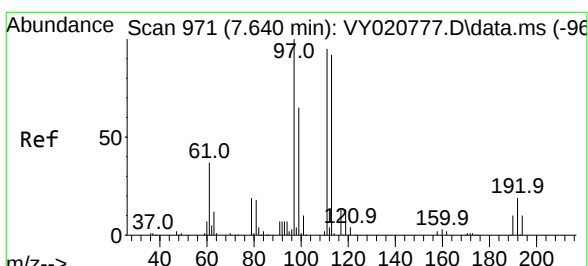
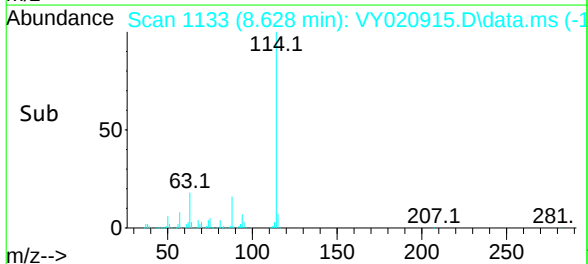
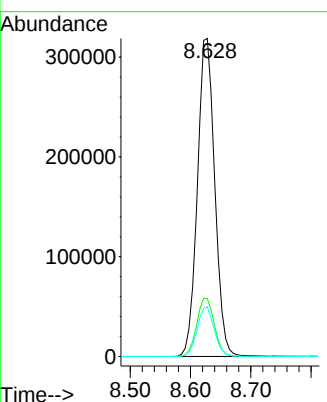
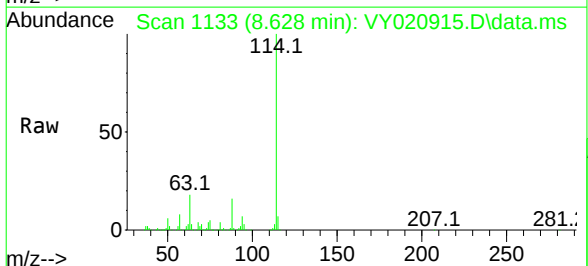




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020915.D
 Acq: 23 Jan 2025 17:04

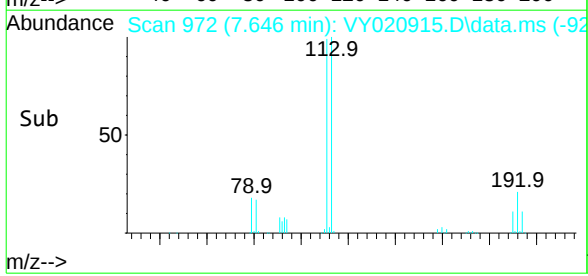
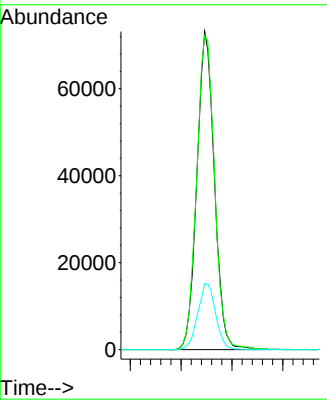
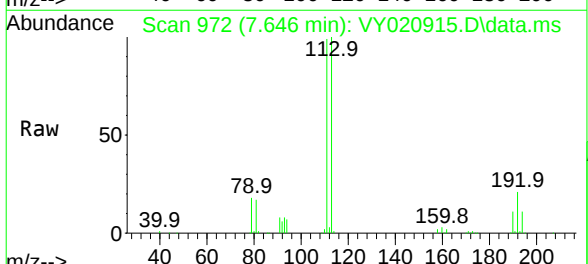
Instrument :
 MSVOA_Y
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

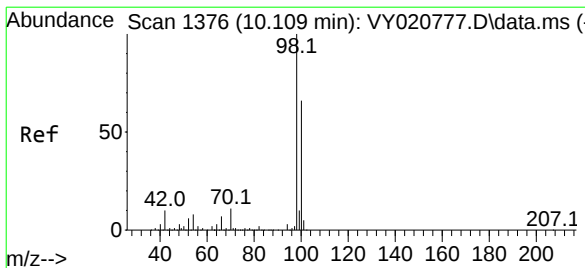
Tgt Ion:	114	Resp:	638517
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.7	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 43.596 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.018 min
 Lab File: VY020915.D
 Acq: 23 Jan 2025 17:04

Tgt Ion:	113	Resp:	174395
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.3	16.7	25.1





#50

Toluene-d8

Concen: 48.017 ug/l

RT: 10.115 min Scan# 13

Delta R.T. -0.018 min

Lab File: VY020915.D

Acq: 23 Jan 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

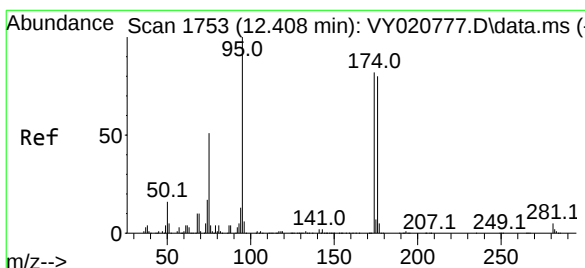
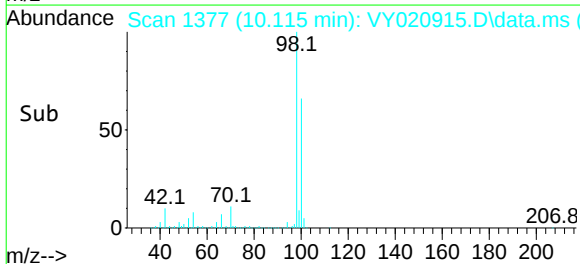
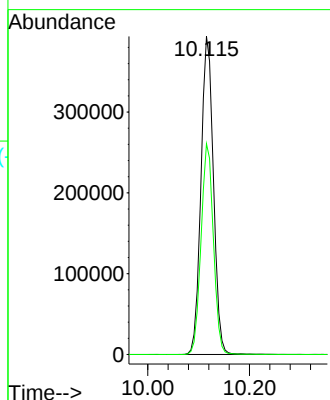
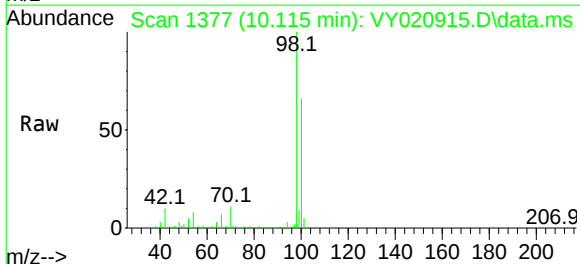
REGULATOR-BUILDING-GRAVEL

Tgt Ion: 98 Resp: 669598

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 40.069 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020915.D

Acq: 23 Jan 2025 17:04

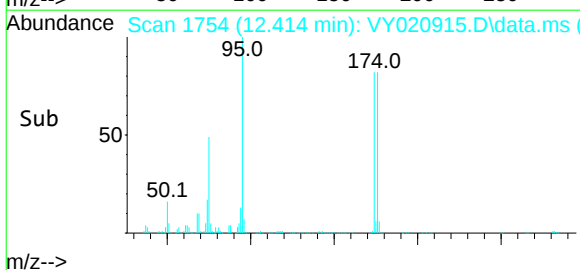
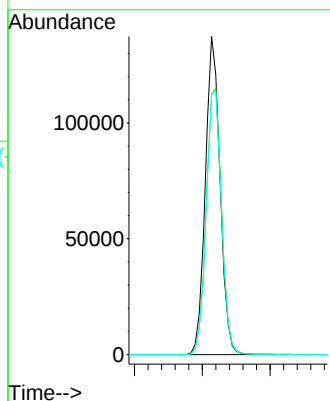
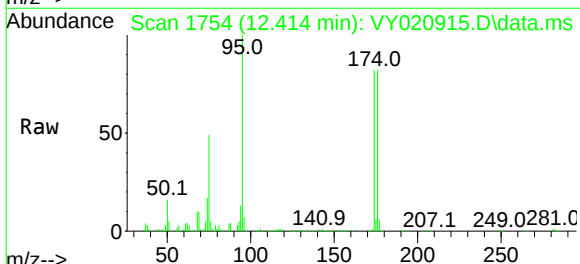
Tgt Ion: 95 Resp: 206341

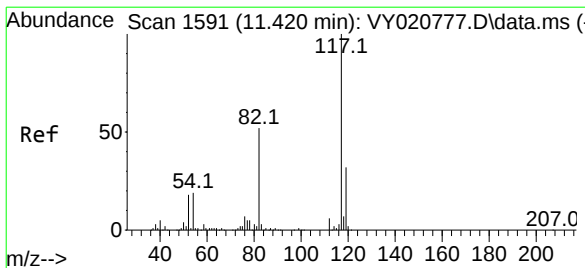
Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.0

176 86.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. -0.012 min

Lab File: VY020915.D

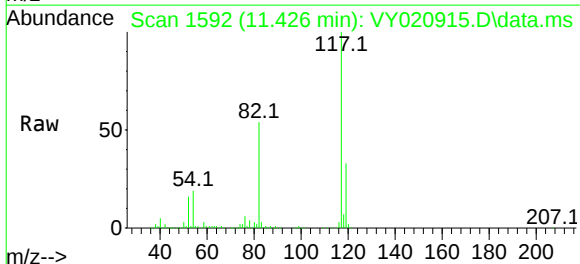
Acq: 23 Jan 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

REGULATOR-BUILDING-GRAVEL



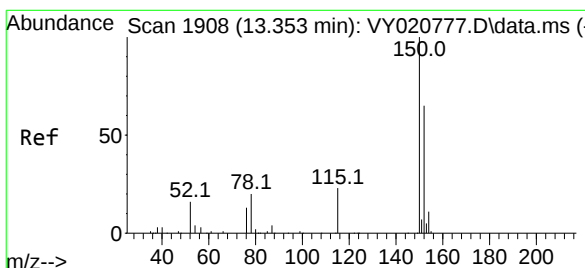
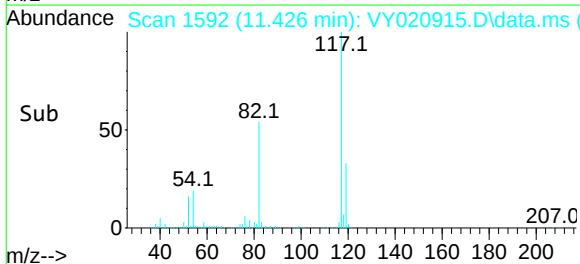
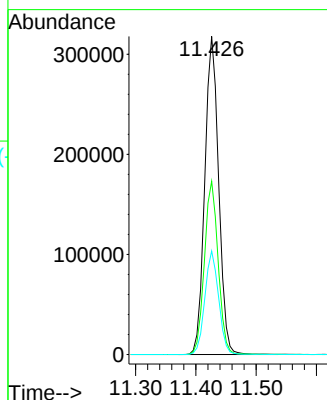
Tgt Ion:117 Resp: 507766

Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.6

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020915.D

Acq: 23 Jan 2025 17:04

Tgt Ion:152 Resp: 229813

Ion Ratio Lower Upper

152 100

115 56.0 29.0 87.0

150 156.8 0.0 347.4

