

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017137.D
 Acq On : 30 Jan 2024 12:41
 Operator : SY/MD
 Sample : P1276-03
 Misc : 2.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-37

Quant Time: Jan 31 00:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

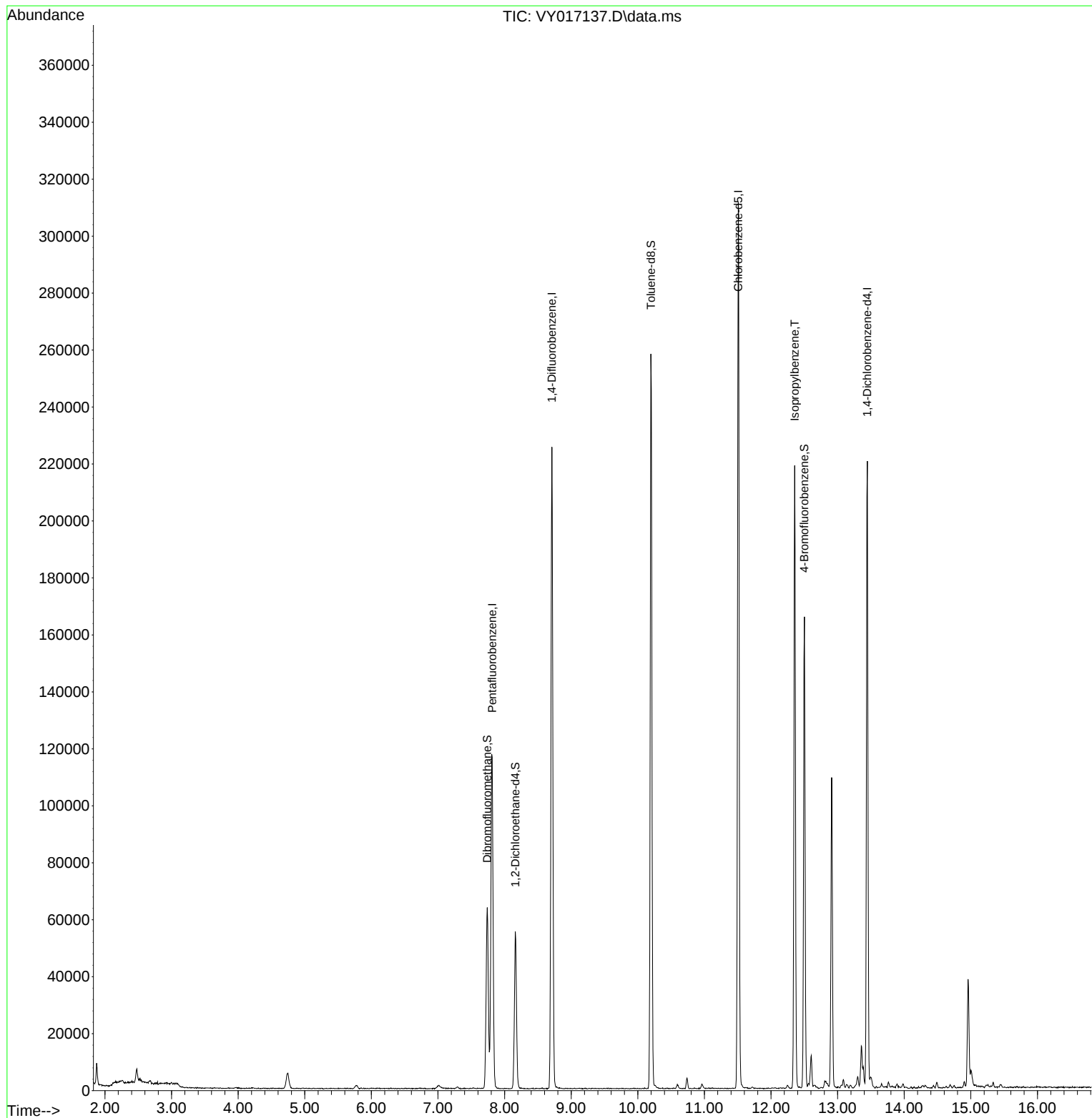
Internal Standards						
1) Pentafluorobenzene	7.813	168	91248	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	191794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	174469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	53105	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	40828	45.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.840%
35) Dibromofluoromethane	7.740	113	46061	39.791	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.580%
50) Toluene-d8	10.197	98	169779	38.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.660%
62) 4-Bromofluorobenzene	12.502	95	51984	38.596	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.200%
Target Compounds						
73) Isopropylbenzene	12.355	105	8940	2.048	ug/l	Qvalue # 70

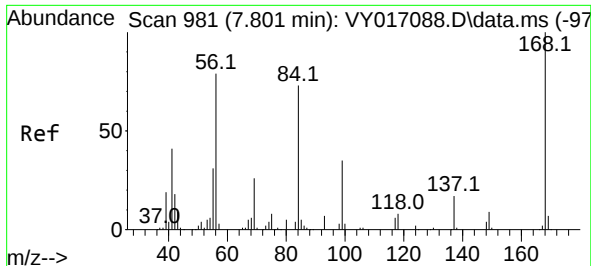
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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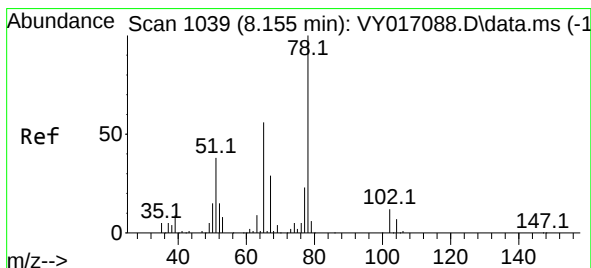
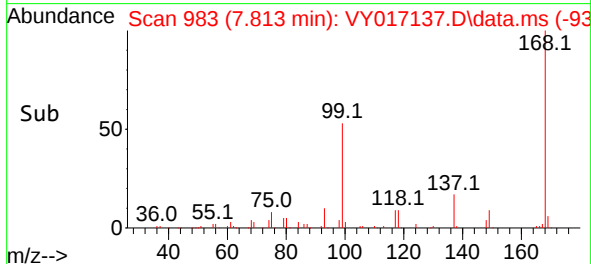
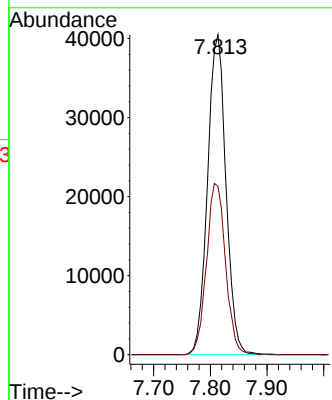
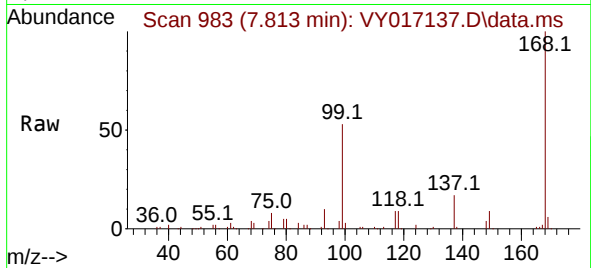




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

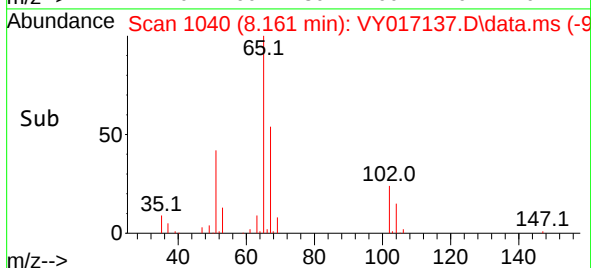
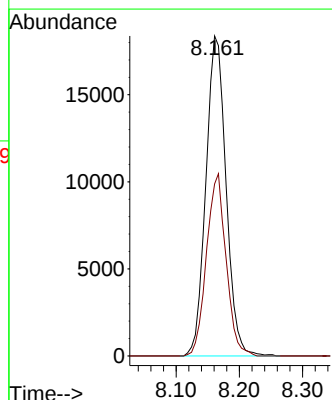
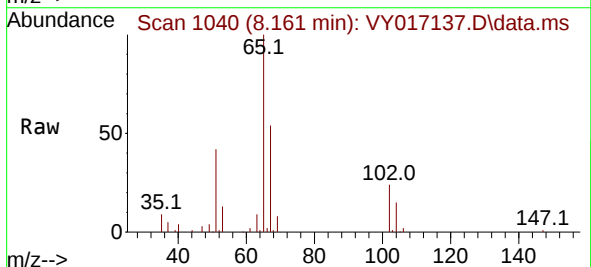
Instrument :
MSVOA_Y
ClientSampleId :
TP-37

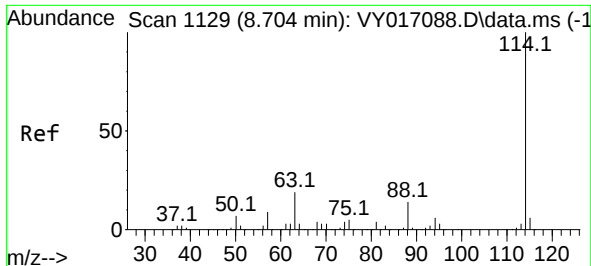
Tgt Ion:168 Resp: 91248
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.924 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 65 Resp: 40828
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-37

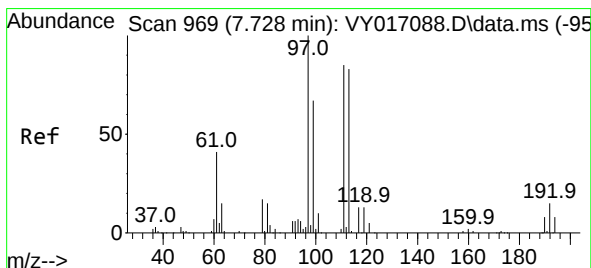
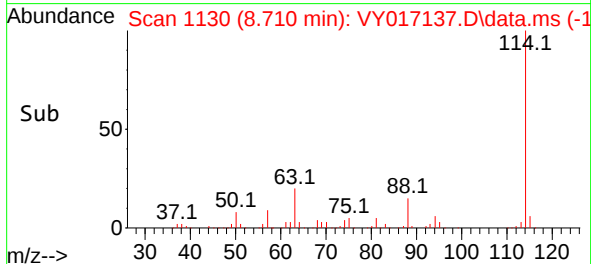
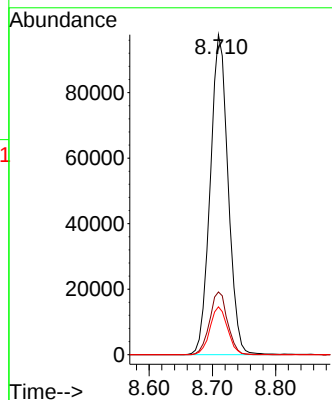
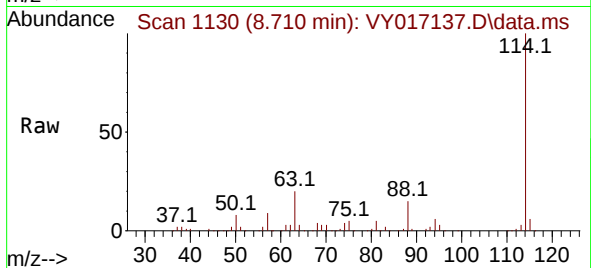
Tgt Ion:114 Resp: 191794

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.791 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

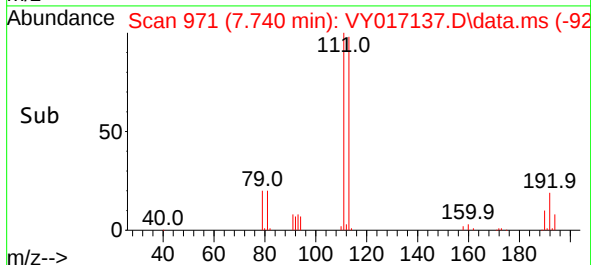
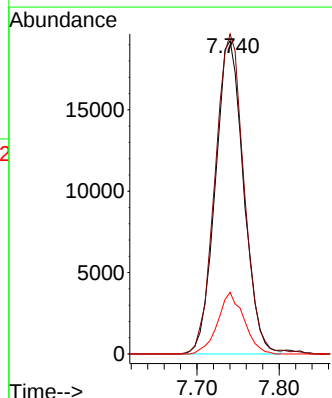
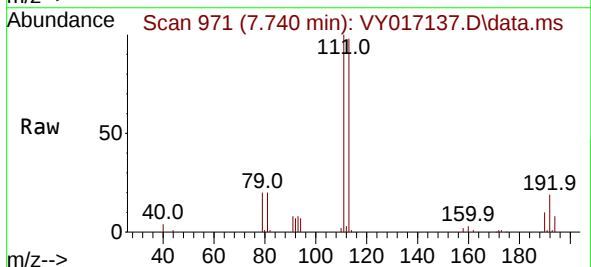
Tgt Ion:113 Resp: 46061

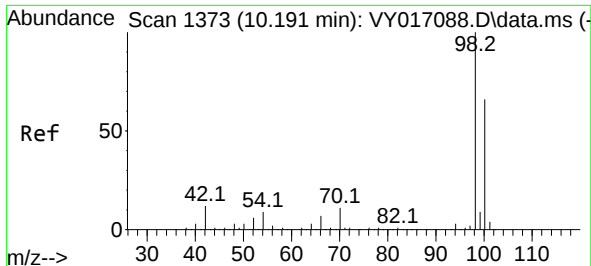
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.3 14.5 21.7

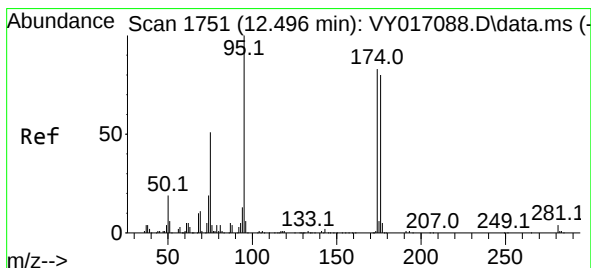
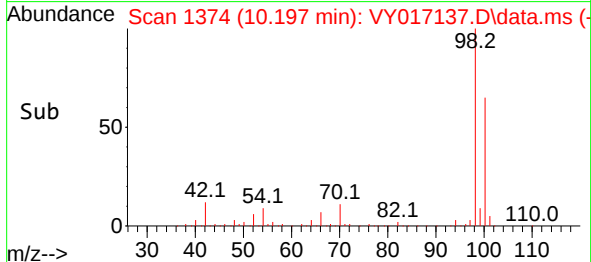
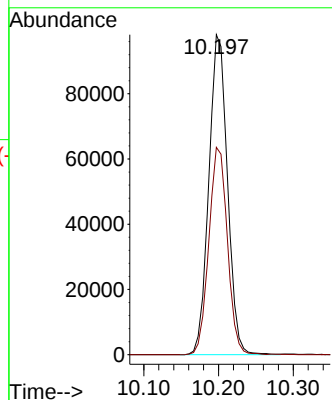
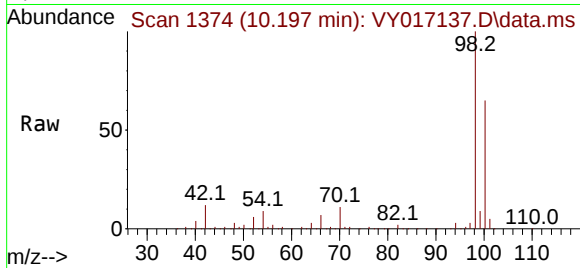




#50
Toluene-d8
Concen: 38.832 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

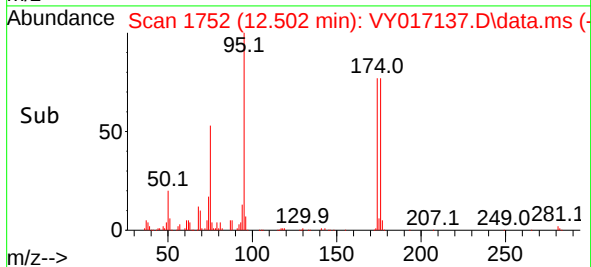
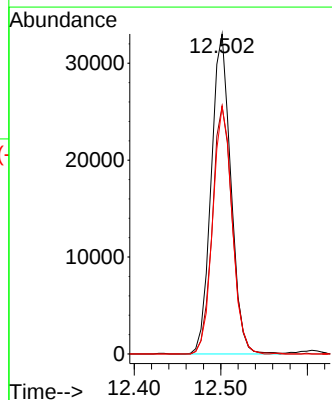
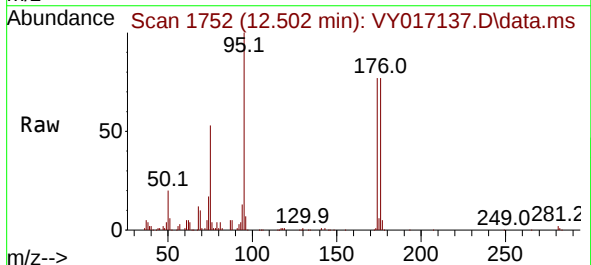
Instrument :
MSVOA_Y
ClientSampleId :
TP-37

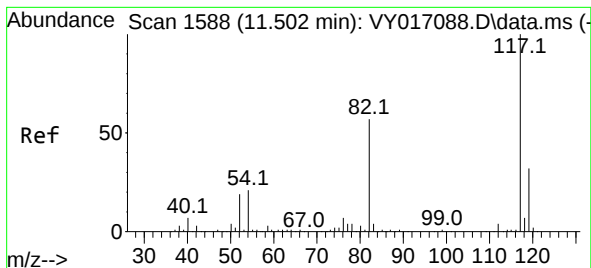
Tgt Ion: 98 Resp: 169779
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.596 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 95 Resp: 51984
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 76.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-37

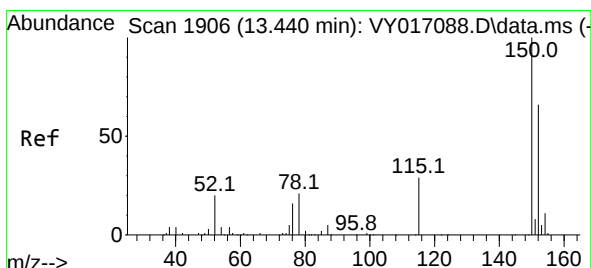
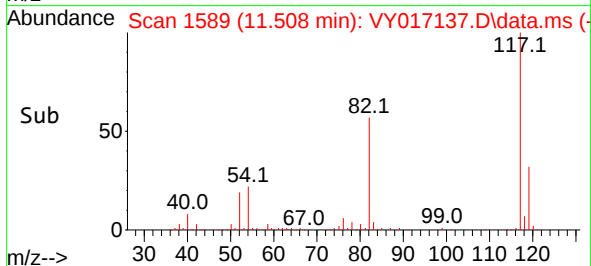
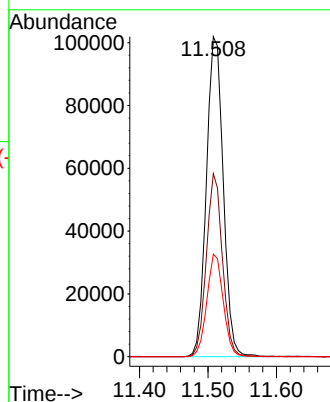
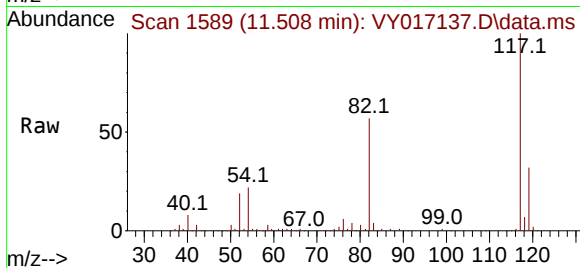
Tgt Ion:117 Resp: 174469

Ion Ratio Lower Upper

117 100

82 57.2 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

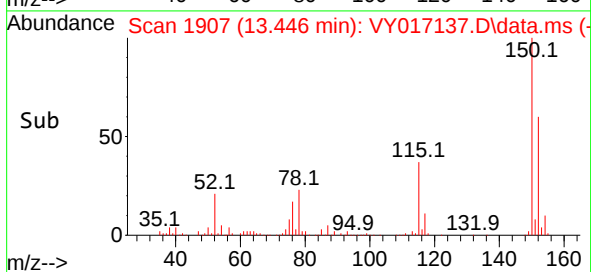
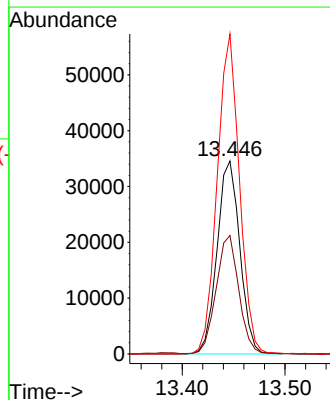
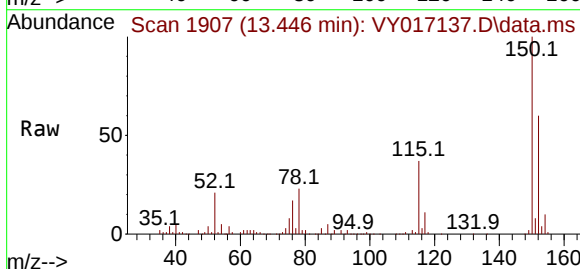
Tgt Ion:152 Resp: 53105

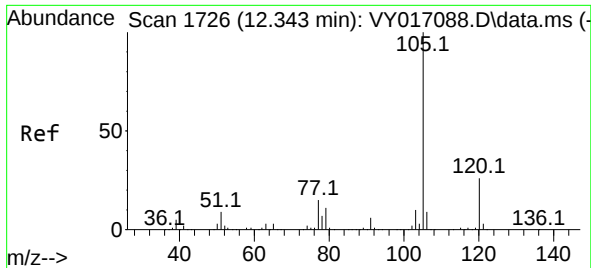
Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 161.7 0.0 344.6





#73
Isopropylbenzene
Concen: 2.048 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion:105 Resp: 8940
Ion Ratio Lower Upper
105 100
120 10.9 13.0 39.0#

