

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015466.D
 Acq On : 07 Sep 2023 14:00
 Operator : SY/MD
 Sample : 04321-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2345RE

Quant Time: Sep 07 23:09:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

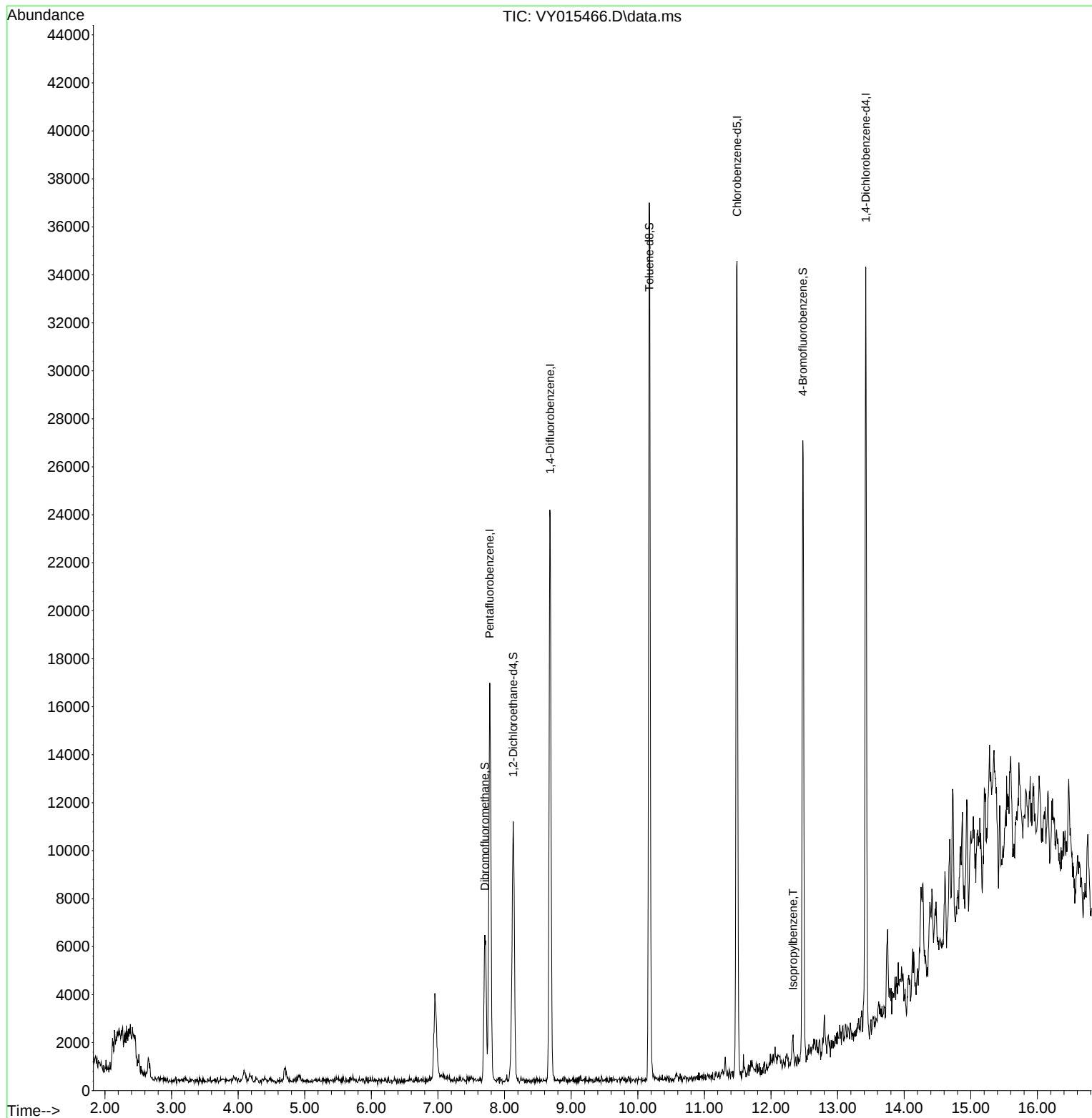
Internal Standards						
1) Pentafluorobenzene	7.777	168	13161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8364	59.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.560%
35) Dibromofluoromethane	7.704	113	4917	40.663	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.320%
50) Toluene-d8	10.173	98	24413	55.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.500%
62) 4-Bromofluorobenzene	12.477	95	8398	51.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%
Target Compounds						
73) Isopropylbenzene	12.331	105	846	1.426	ug/l	Qvalue 84

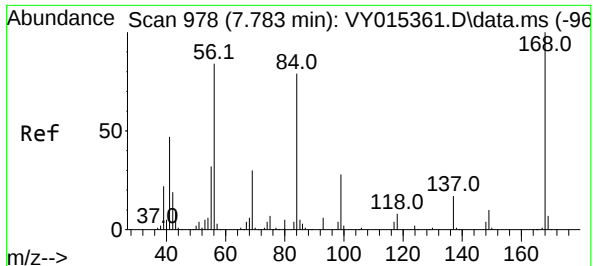
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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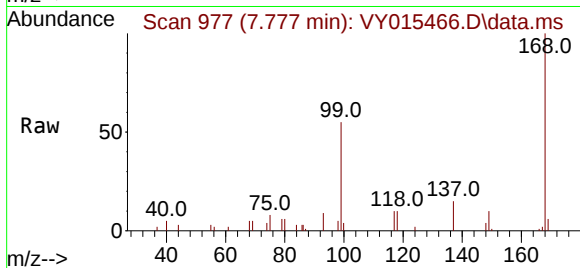
Quant Time: Sep 07 23:09:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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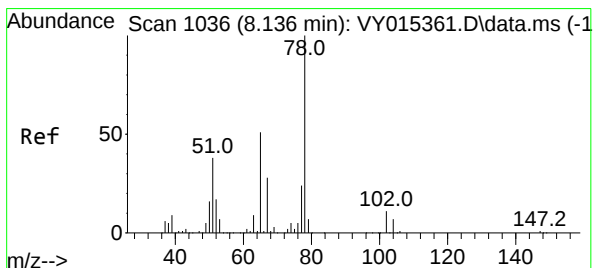
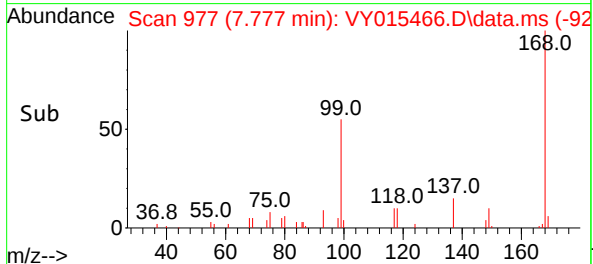
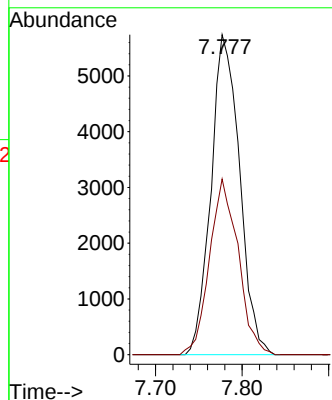


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :
RT2345RE

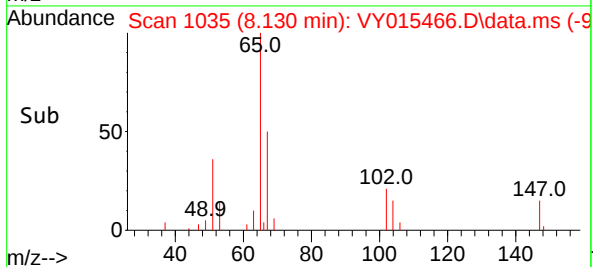
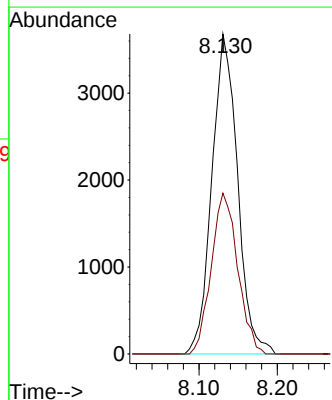
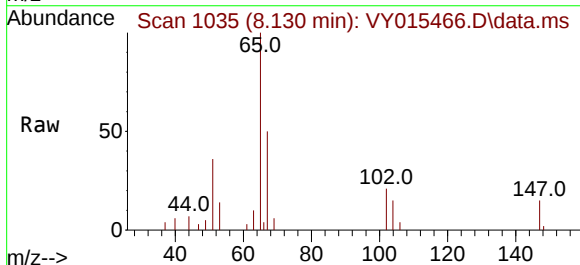


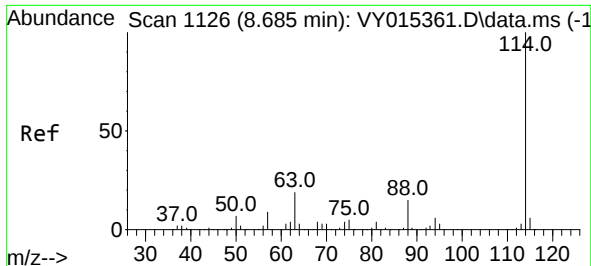
Tgt Ion:168 Resp: 13161
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.284 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015466.D
Acq: 07 Sep 2023 14:00

Tgt Ion: 65 Resp: 8364
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

RT2345RE

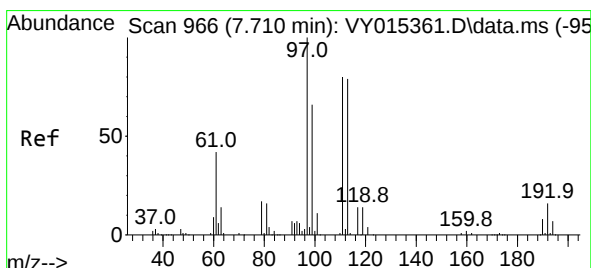
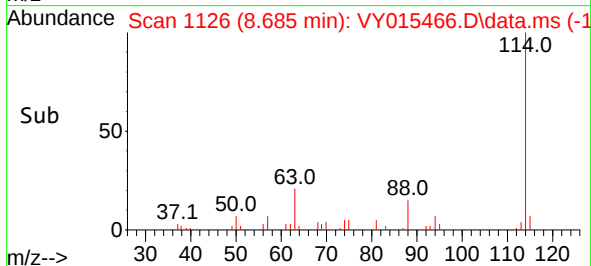
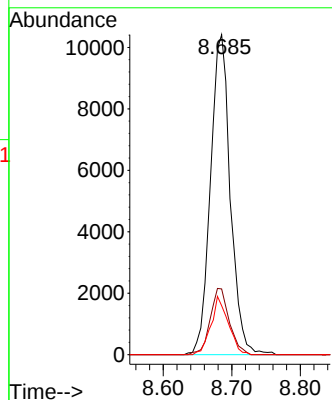
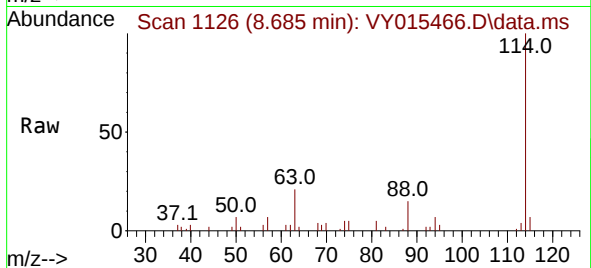
Tgt Ion:114 Resp: 20994

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 40.663 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

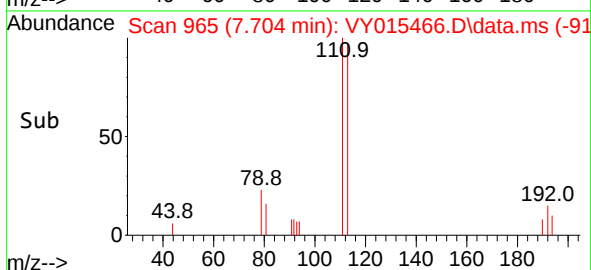
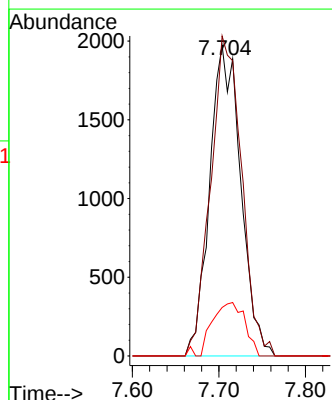
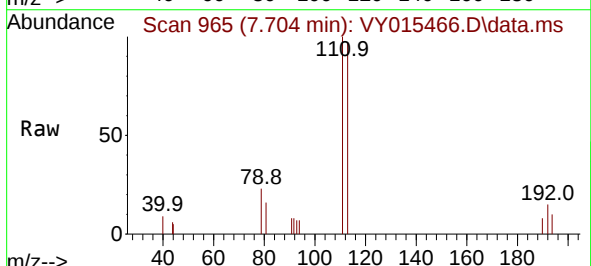
Tgt Ion:113 Resp: 4917

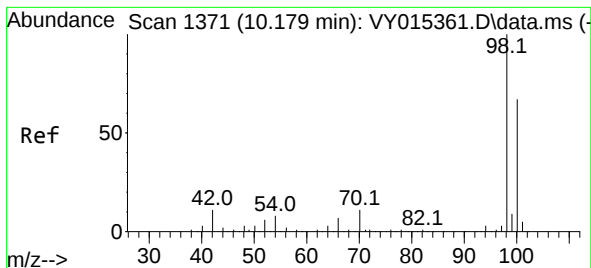
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 18.3 16.9 25.3





#50

Toluene-d8

Concen: 55.750 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

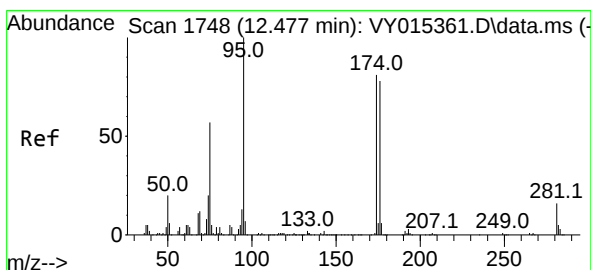
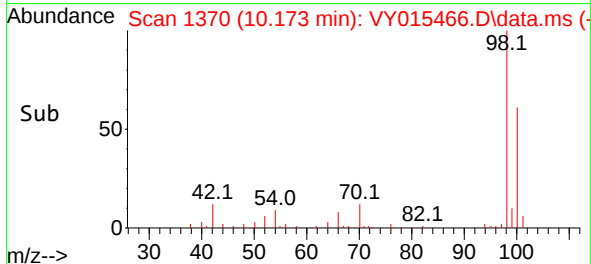
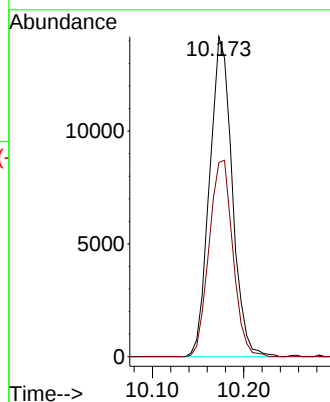
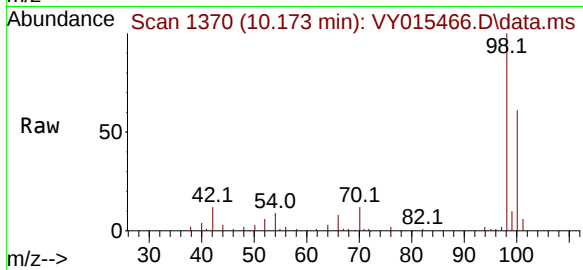
RT2345RE

Tgt Ion: 98 Resp: 24413

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.660 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

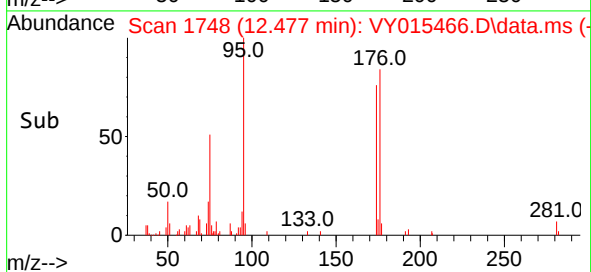
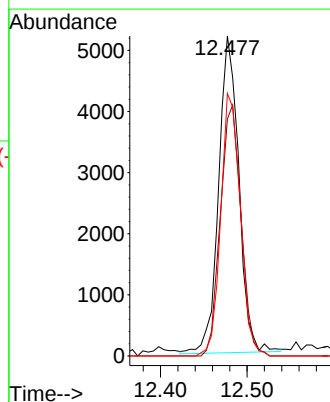
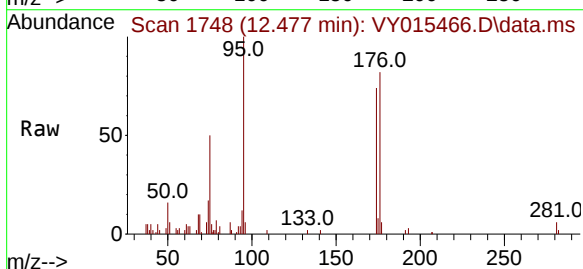
Tgt Ion: 95 Resp: 8398

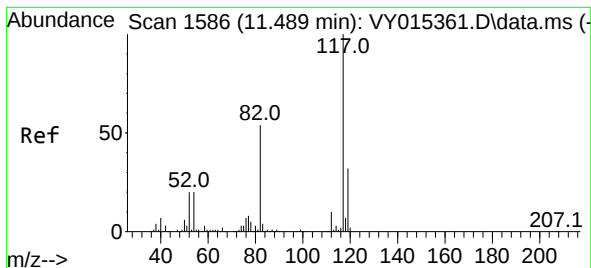
Ion Ratio Lower Upper

95 100

174 80.8 0.0 178.2

176 80.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

RT2345RE

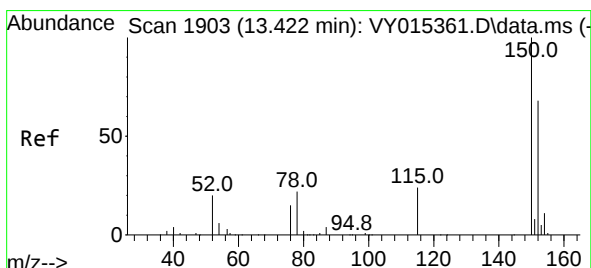
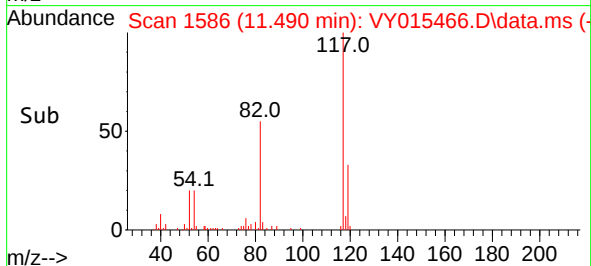
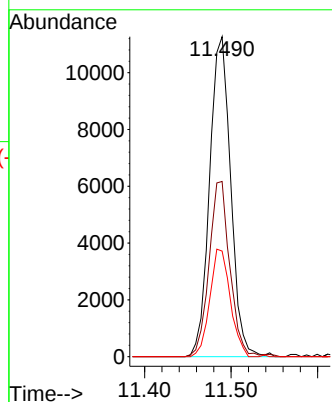
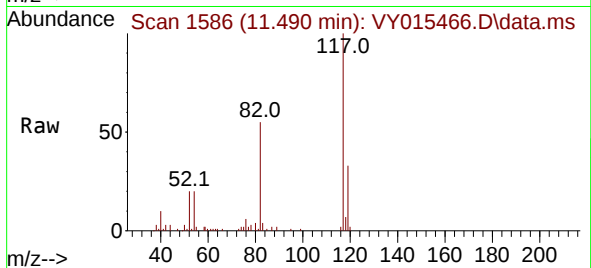
Tgt Ion:117 Resp: 19066

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 33.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015466.D

Acq: 07 Sep 2023 14:00

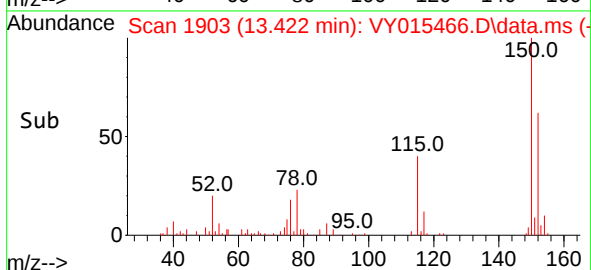
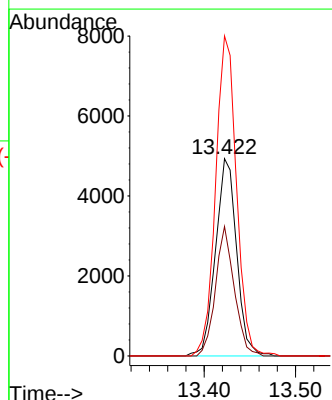
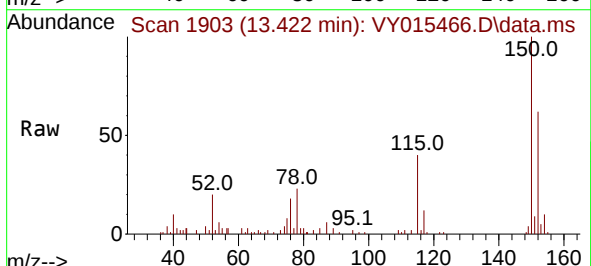
Tgt Ion:152 Resp: 7898

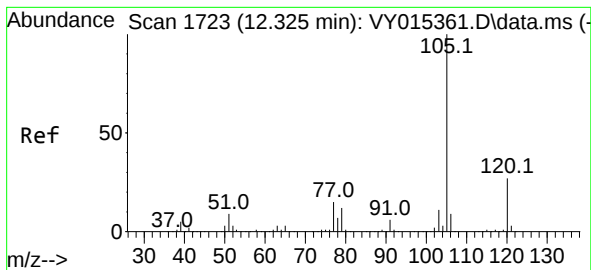
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 160.6 0.0 348.8





#73

Isopropylbenzene

Concen: 1.426 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015466.D

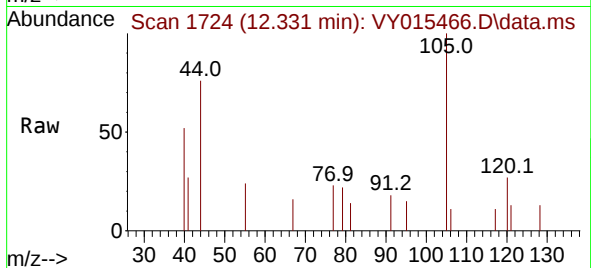
Acq: 07 Sep 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

RT2345RE



Tgt Ion:105 Resp: 846

Ion Ratio Lower Upper

105 100

120 18.6 13.3 39.9

