

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016234.D
 Acq On : 06 Nov 2023 14:09
 Operator : SY/MD
 Sample : 05252-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-VOC

Quant Time: Nov 06 23:57:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

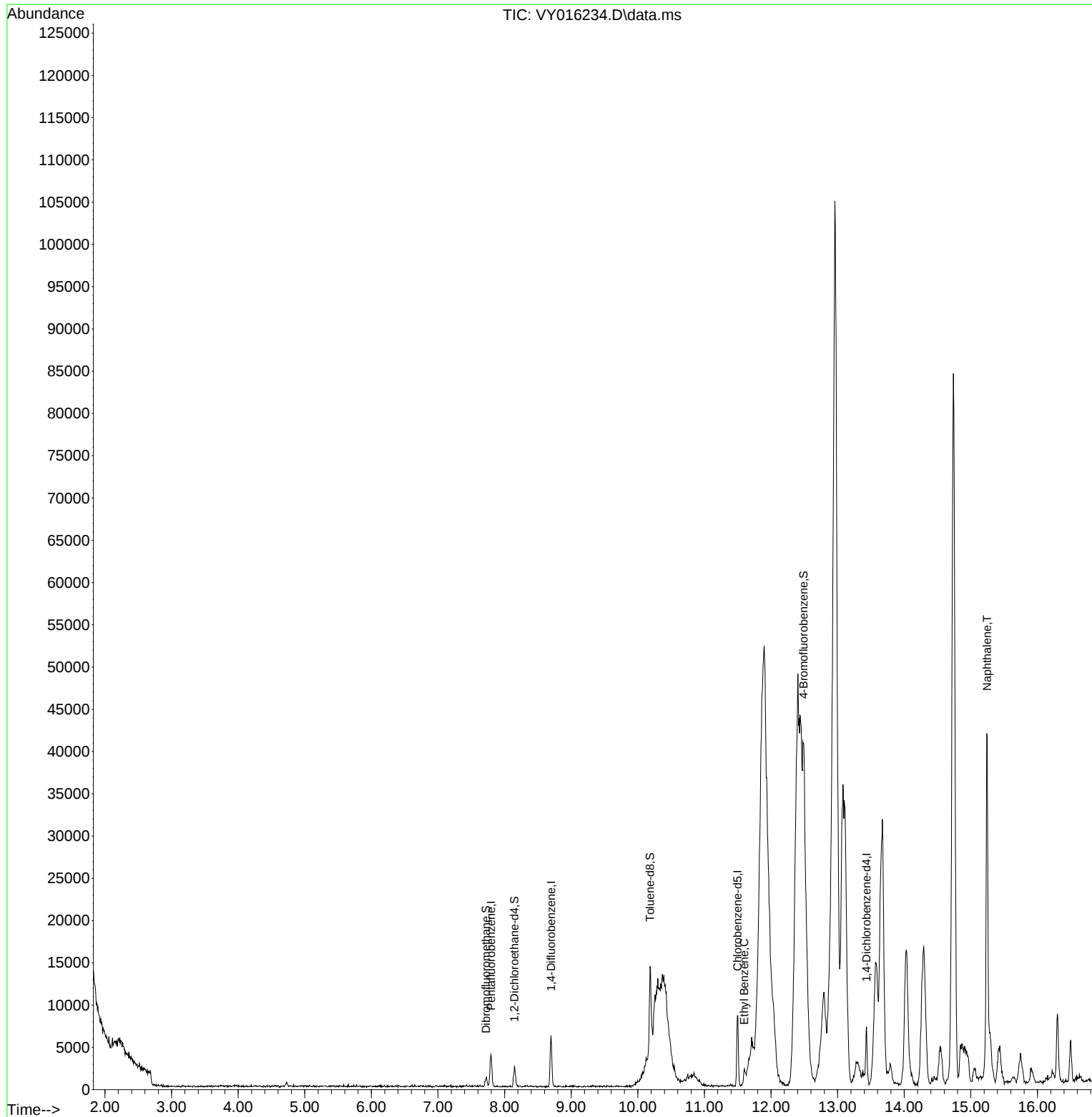
Internal Standards						
1) Pentafluorobenzene	7.795	168	3357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1756	55.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.722	113	1019	30.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.420%
50) Toluene-d8	10.185	98	6836	51.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.489	95	2325	50.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%
Target Compounds						
67) Ethyl Benzene	11.599	91	1169	6.210	ug/l	95
95) Naphthalene	15.245	128	36874	522.717	ug/l	99

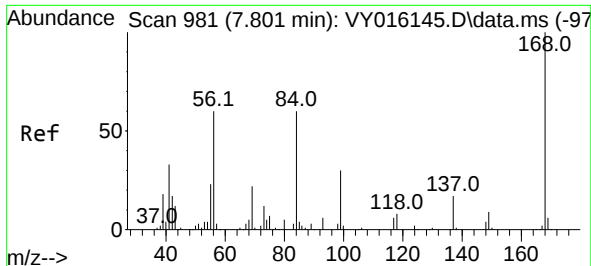
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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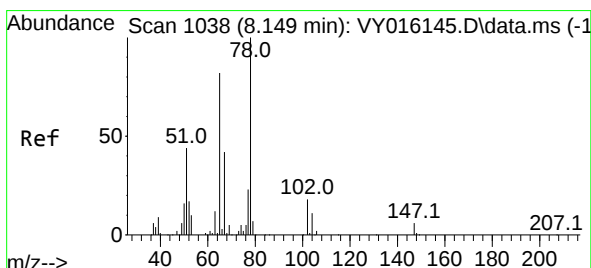
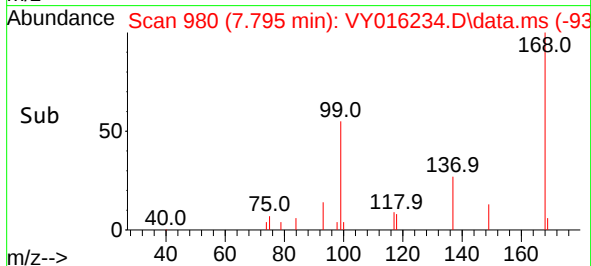
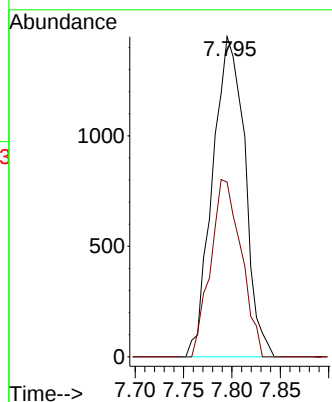
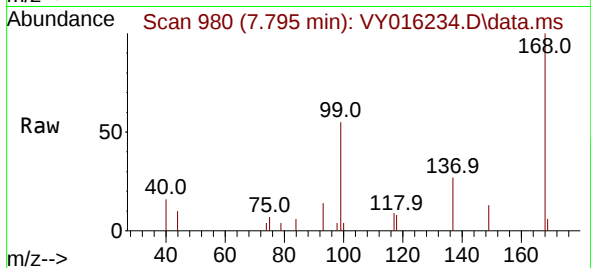




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

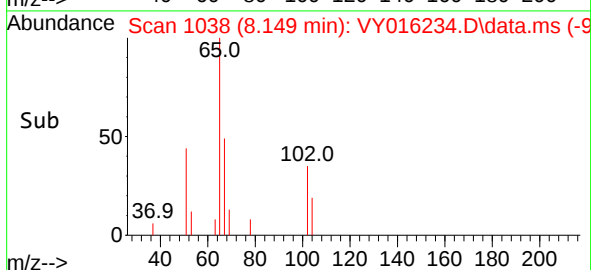
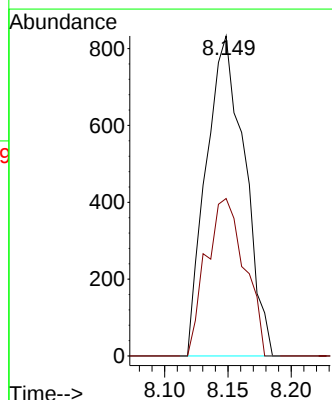
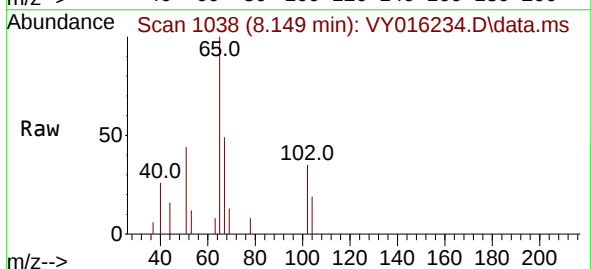
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

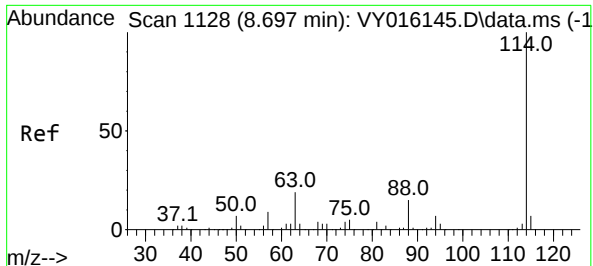
Tgt Ion:168 Resp: 3357
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.901 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

Tgt Ion: 65 Resp: 1756
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016234.D

Acq: 06 Nov 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-VOC

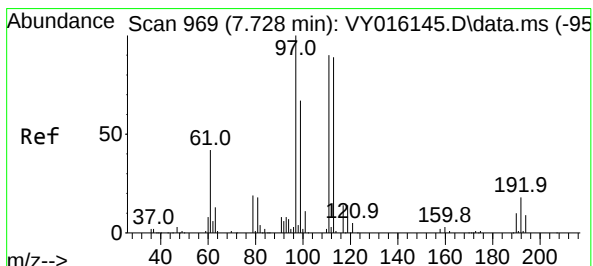
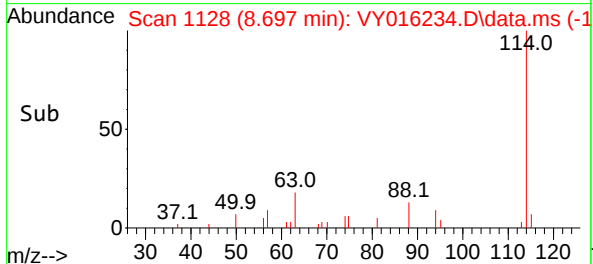
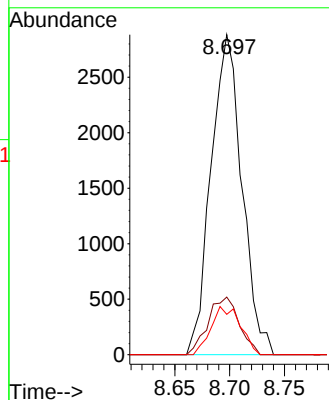
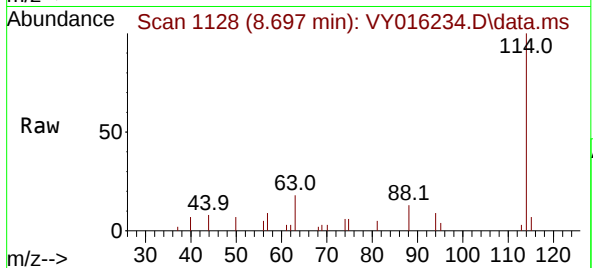
Tgt Ion:114 Resp: 5657

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 12.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 30.215 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016234.D

Acq: 06 Nov 2023 14:09

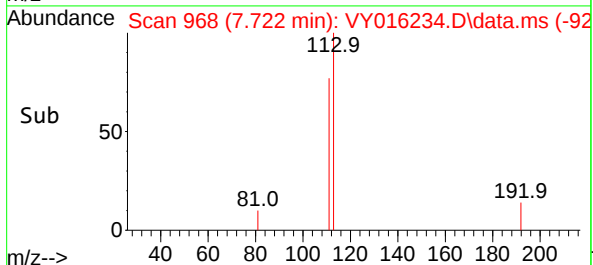
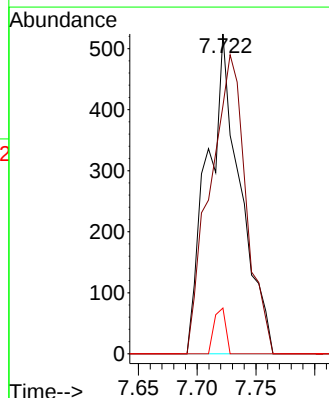
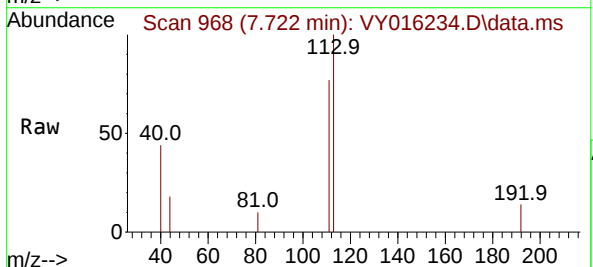
Tgt Ion:113 Resp: 1019

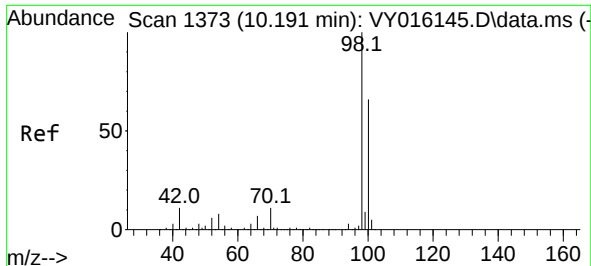
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 5.0 16.9 25.3#

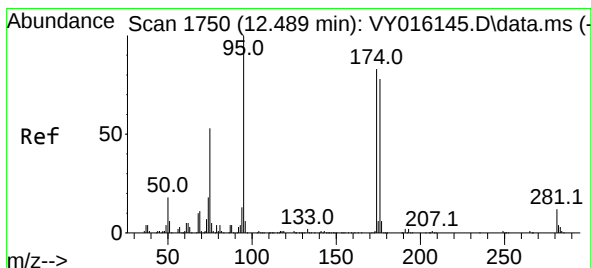
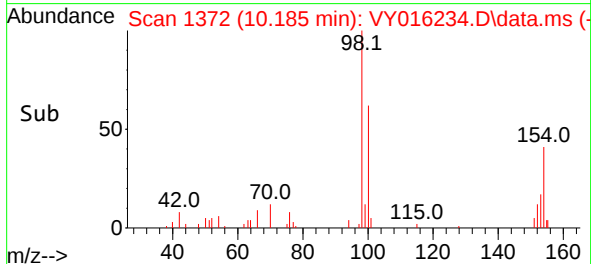
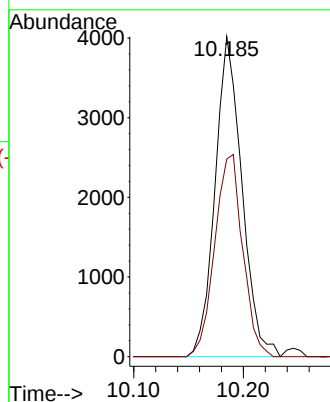
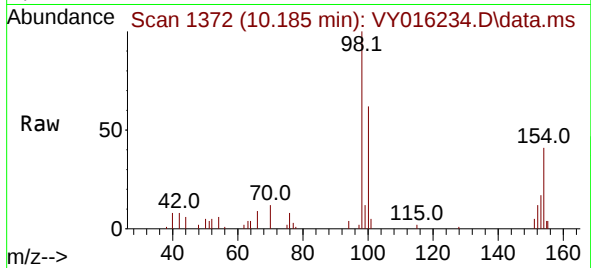




#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

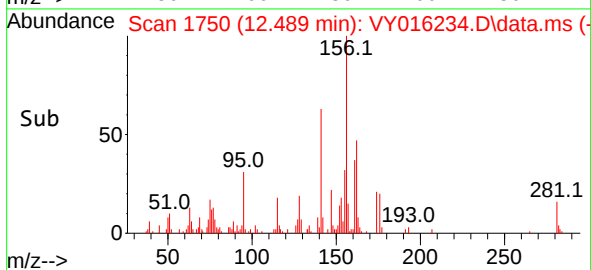
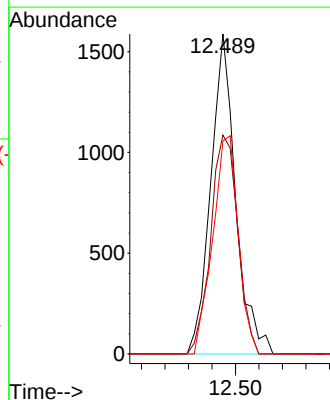
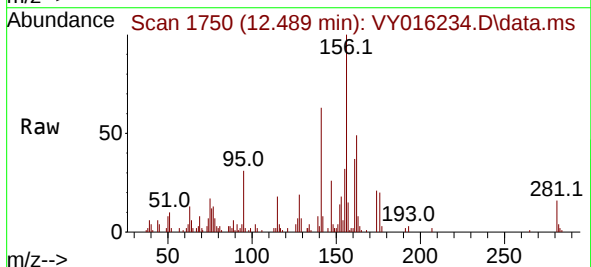
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

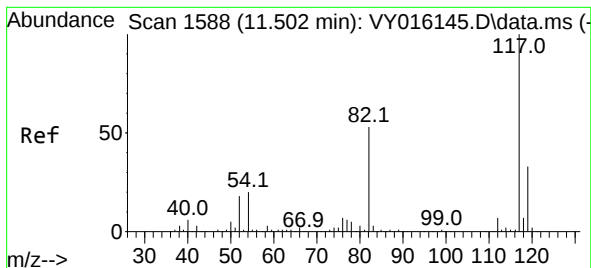
Tgt Ion: 98 Resp: 6836
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

Tgt Ion: 95 Resp: 2325
Ion Ratio Lower Upper
95 100
174 74.7 0.0 178.2
176 70.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016234.D

Acq: 06 Nov 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-VOC

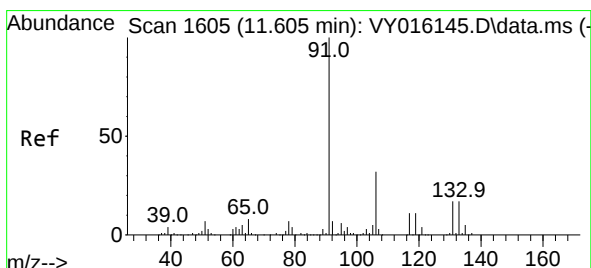
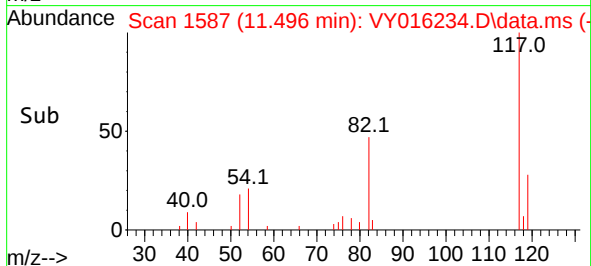
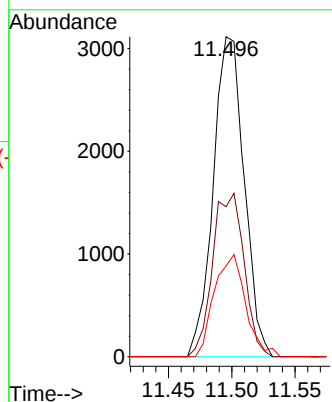
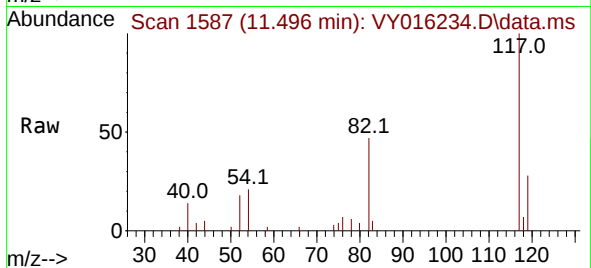
Tgt Ion:117 Resp: 5297

Ion Ratio Lower Upper

117 100

82 46.9 43.4 65.0

119 28.4 26.3 39.5



#67

Ethyl Benzene

Concen: 6.210 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016234.D

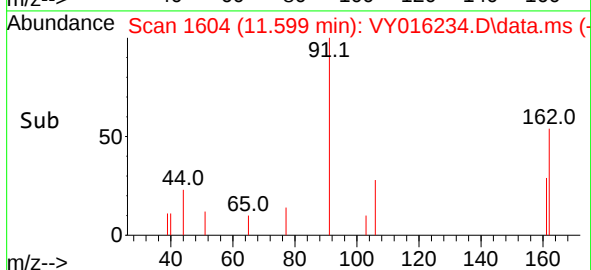
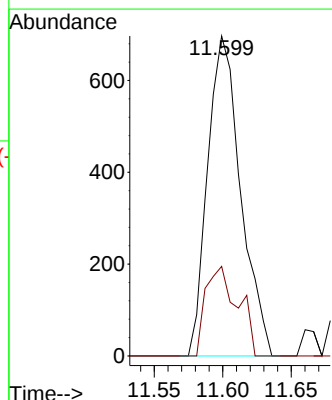
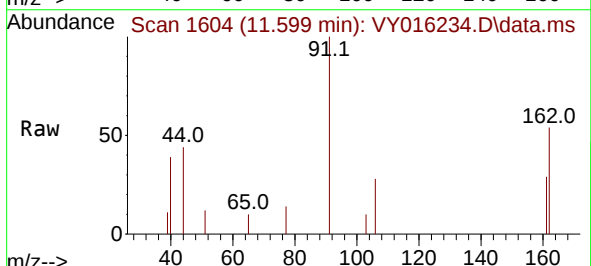
Acq: 06 Nov 2023 14:09

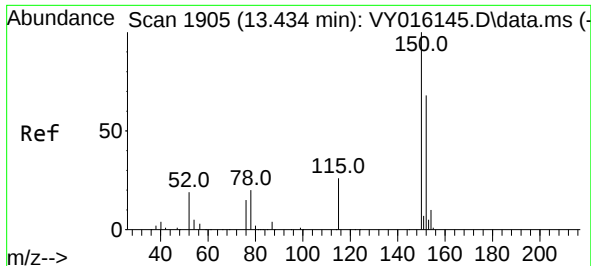
Tgt Ion: 91 Resp: 1169

Ion Ratio Lower Upper

91 100

106 28.0 24.6 36.8

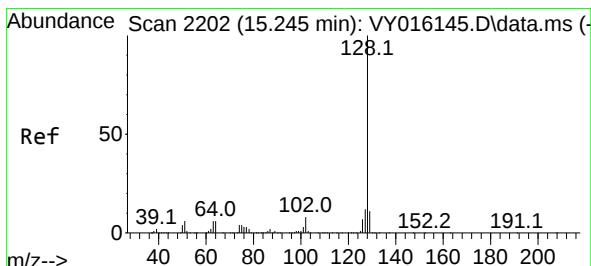
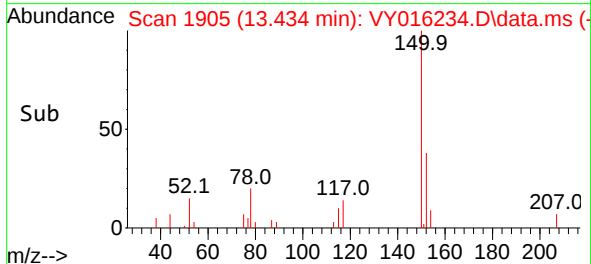
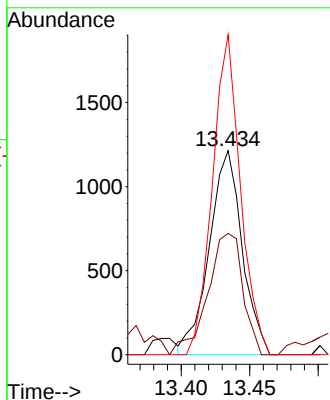
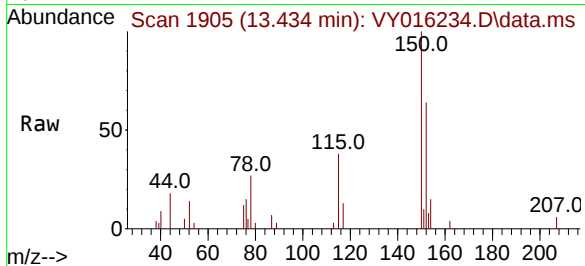




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

Tgt Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
115 63.3 28.8 86.5
150 133.8 0.0 348.8



#95
Naphthalene
Concen: 522.717 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016234.D
Acq: 06 Nov 2023 14:09

Tgt Ion:128 Resp: 36874
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.8 8.6 13.0

