

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017325.D
 Acq On : 08 Feb 2024 20:10
 Operator : SY/MD
 Sample : P1339-03
 Misc : 3.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-GRAB

Quant Time: Feb 09 00:17:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

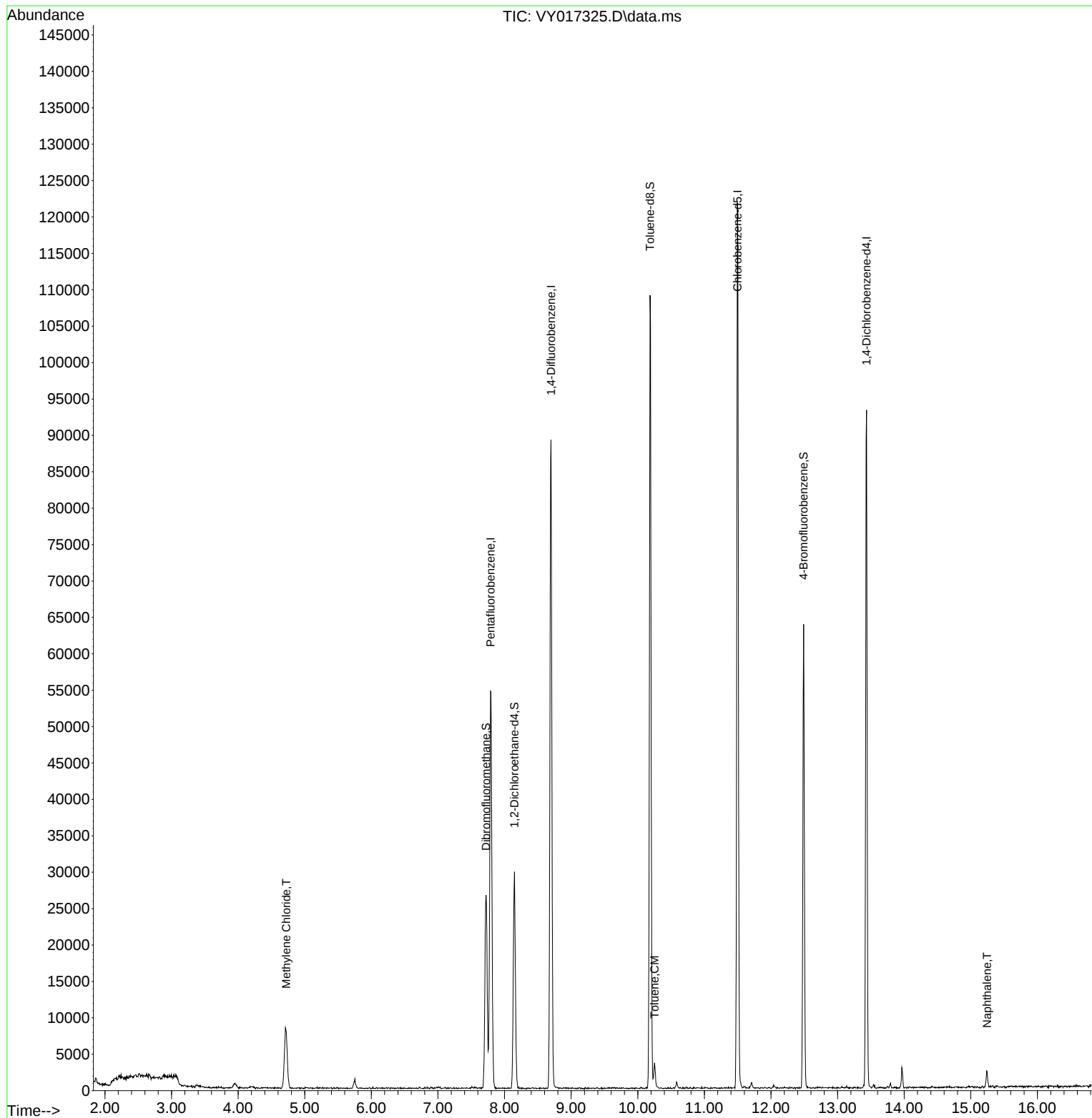
Internal Standards						
1) Pentafluorobenzene	7.789	168	41085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	67660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	23314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22197	60.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.960%
35) Dibromofluoromethane	7.722	113	19623	47.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.185	98	71991	47.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.489	95	19100	38.783	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.560%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.723	84	6149	11.199	ug/l	96
52) Toluene	10.252	92	1438	1.171	ug/l	85
95) Naphthalene	15.245	128	2254	6.828	ug/l	96

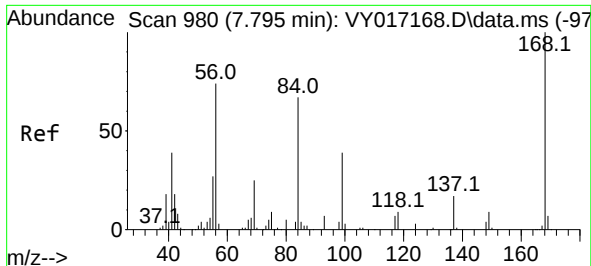
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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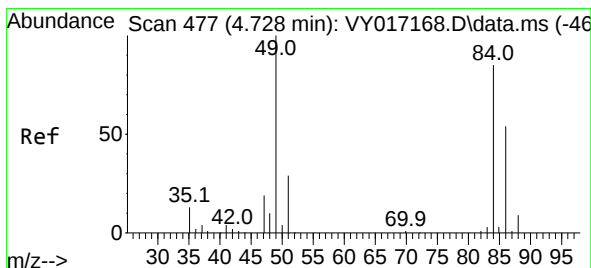
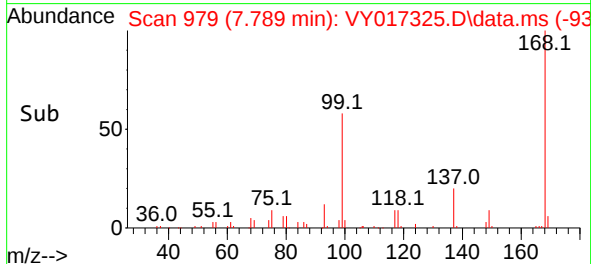
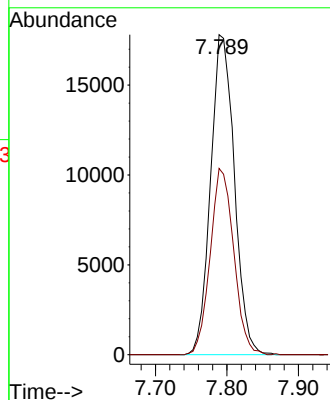
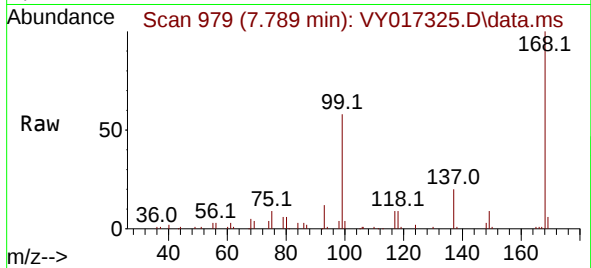




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

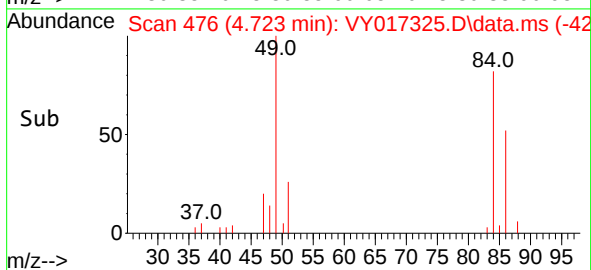
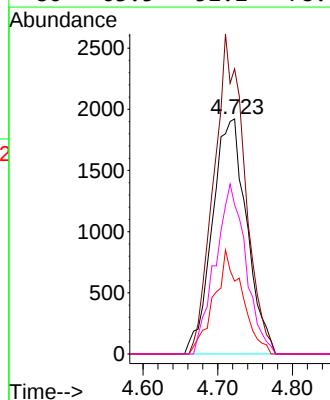
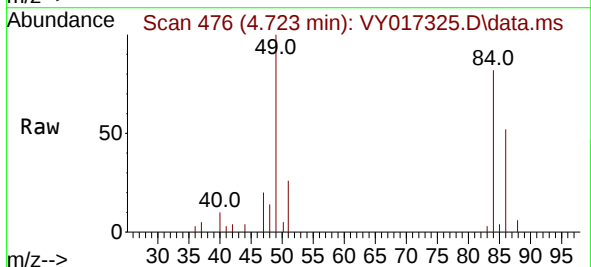
Instrument :
MSVOA_Y
ClientSampleId :
WC-GRAB

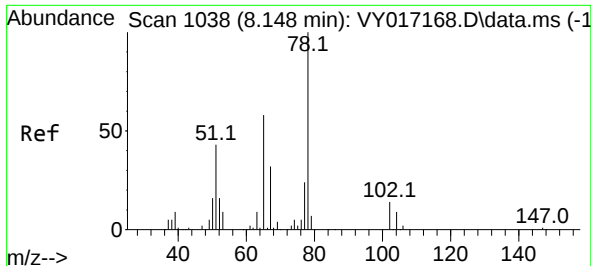
Tgt Ion:168 Resp: 41085
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#20
Methylene Chloride
Concen: 11.199 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 84 Resp: 6149
Ion Ratio Lower Upper
84 100
49 121.3 95.2 142.8
51 31.0 29.9 44.9
86 63.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 60.478 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

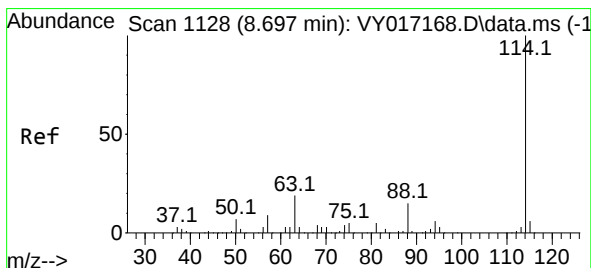
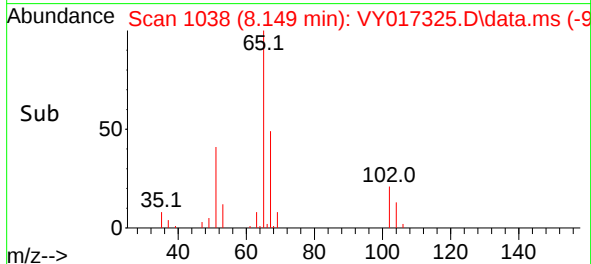
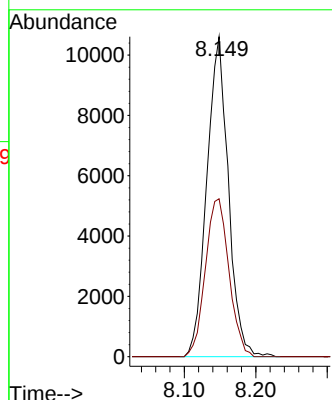
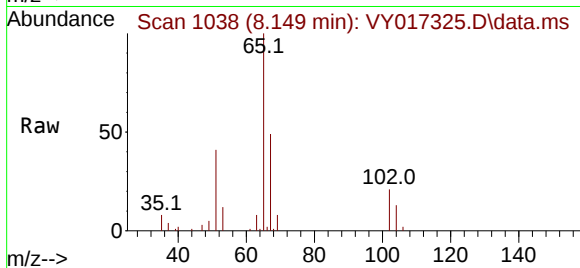
WC-GRAB

Tgt Ion: 65 Resp: 22197

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

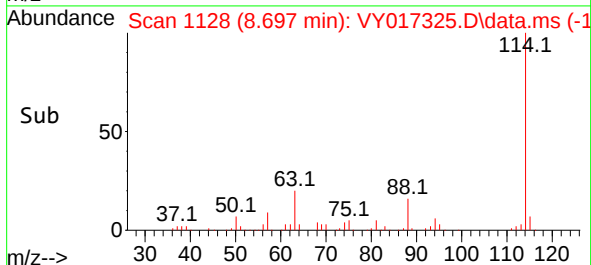
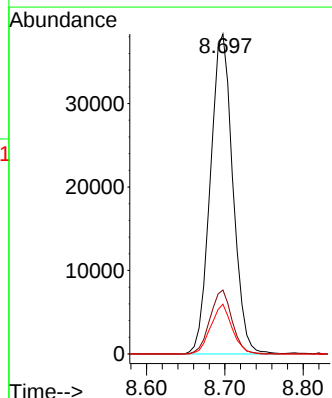
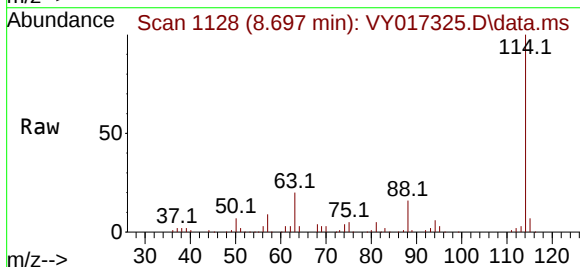
Tgt Ion: 114 Resp: 76474

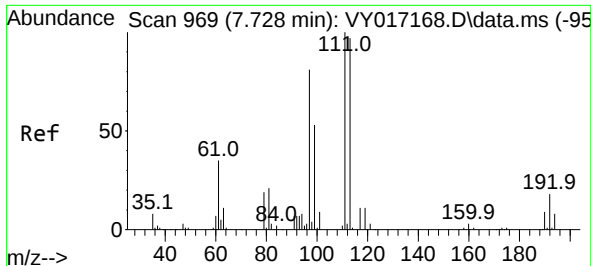
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.6 0.0 29.0



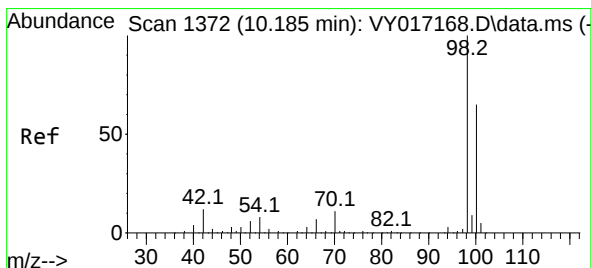
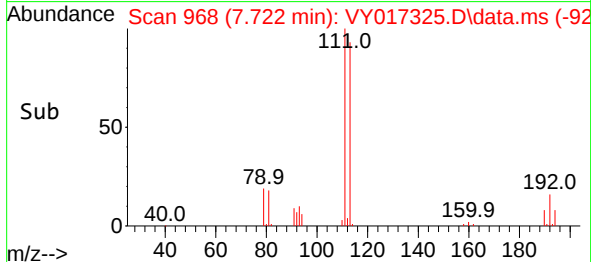
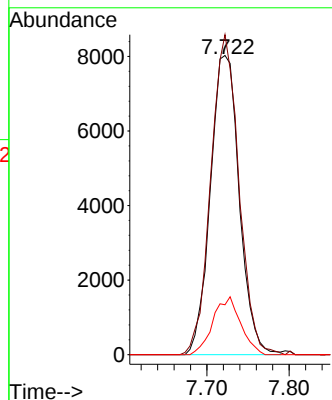
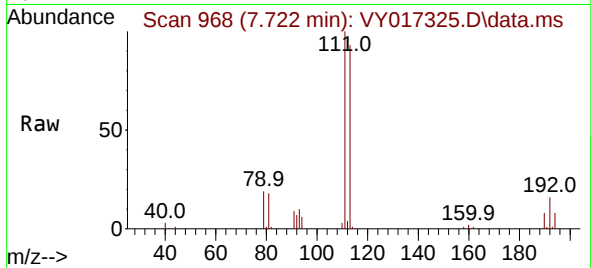


#35
 Dibromofluoromethane
 Concen: 47.524 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VY017325.D
 Acq: 08 Feb 2024 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-GRAB

Tgt Ion: 113 Resp: 19623

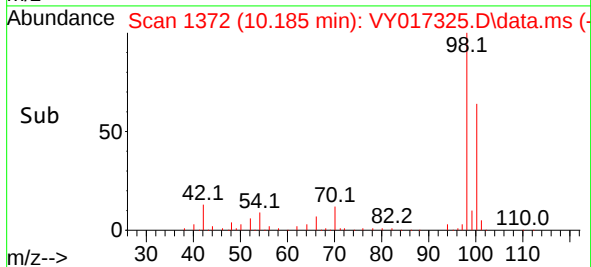
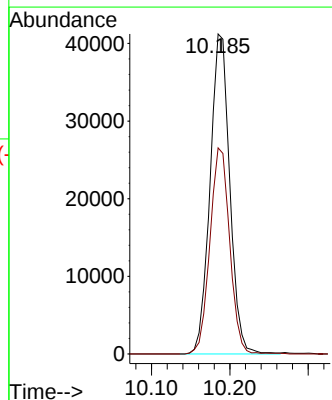
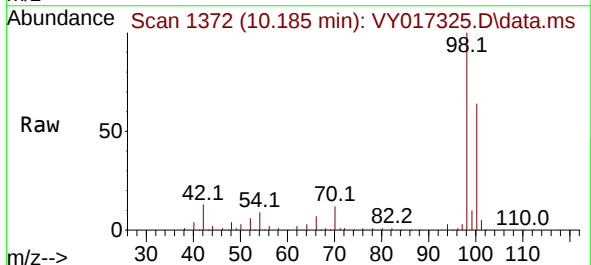
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	18.5	14.5	21.7

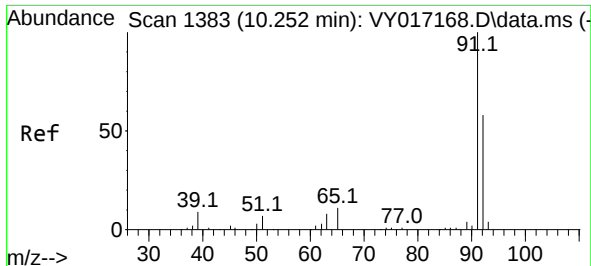


#50
 Toluene-d8
 Concen: 47.886 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017325.D
 Acq: 08 Feb 2024 20:10

Tgt Ion: 98 Resp: 71991

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

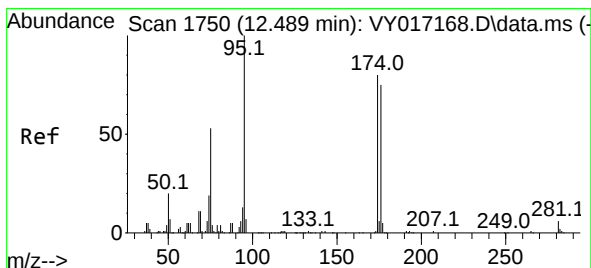
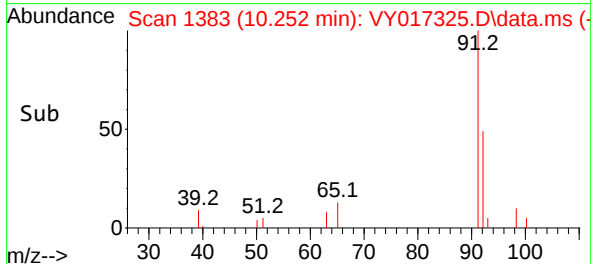
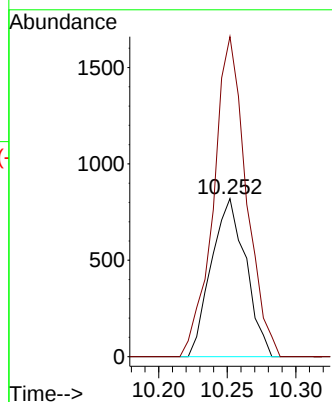
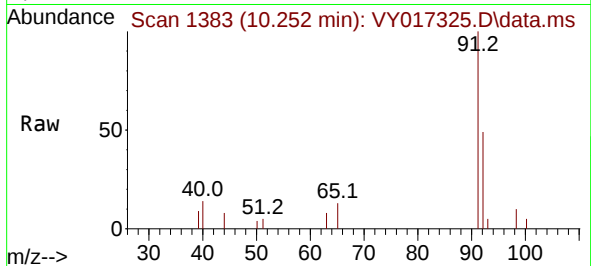




#52
Toluene
Concen: 1.171 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

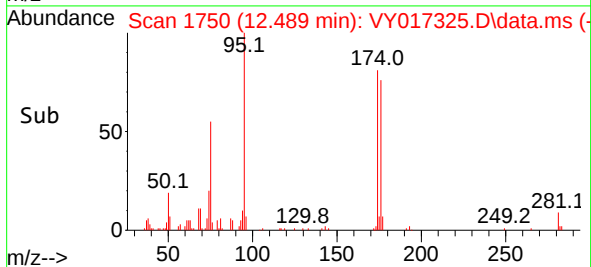
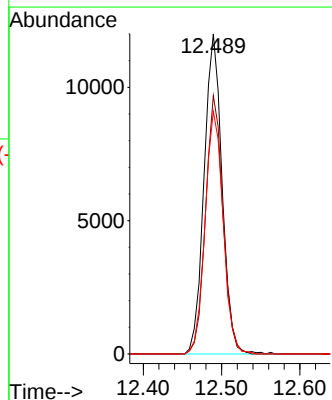
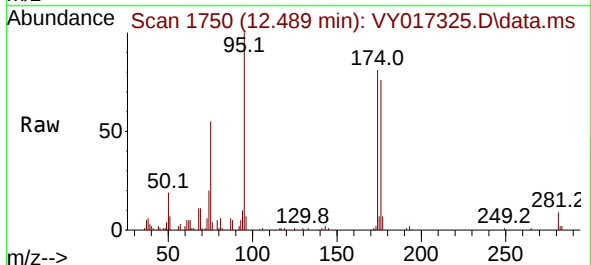
Instrument :
MSVOA_Y
ClientSampleId :
WC-GRAB

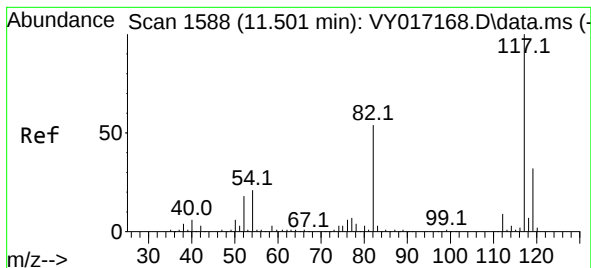
Tgt Ion: 92 Resp: 1438
Ion Ratio Lower Upper
92 100
91 192.7 137.6 206.4



#62
4-Bromofluorobenzene
Concen: 38.783 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017325.D
Acq: 08 Feb 2024 20:10

Tgt Ion: 95 Resp: 19100
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 76.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-GRAB

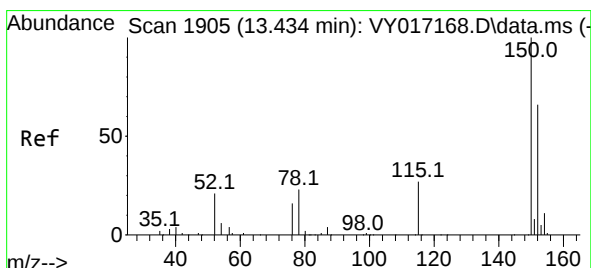
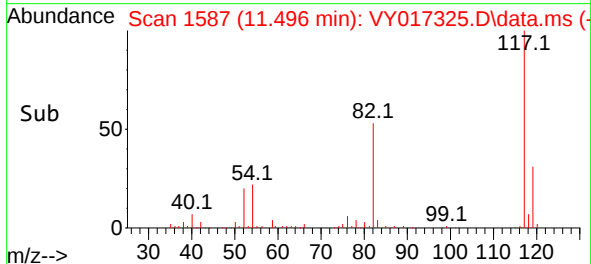
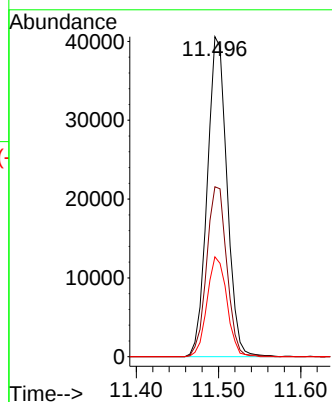
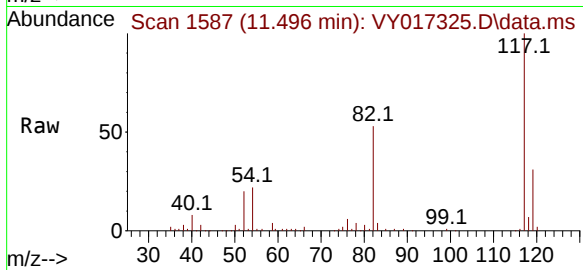
Tgt Ion:117 Resp: 67660

Ion Ratio Lower Upper

117 100

82 53.1 43.8 65.8

119 31.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017325.D

Acq: 08 Feb 2024 20:10

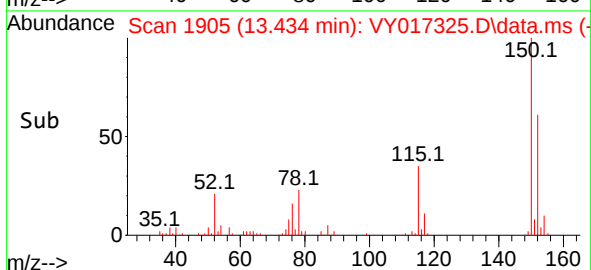
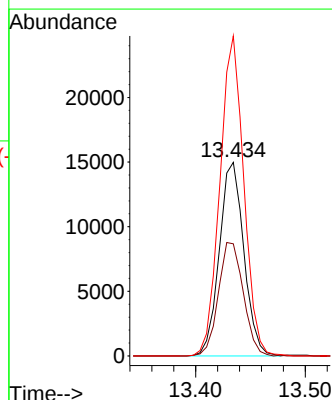
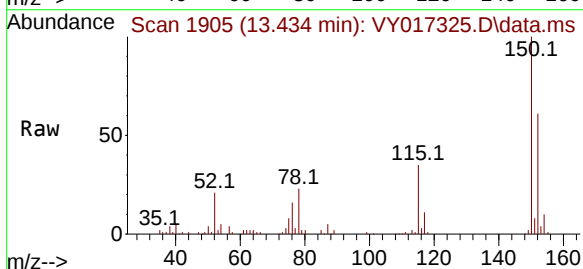
Tgt Ion:152 Resp: 23314

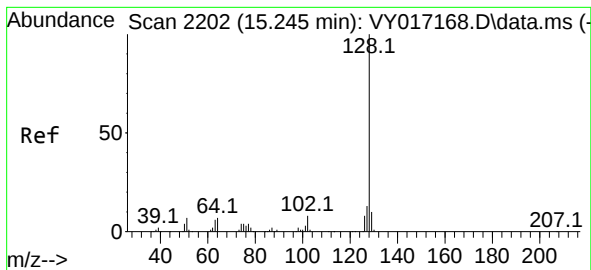
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 160.7 0.0 344.6





#95

Naphthalene

Concen: 6.828 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY017325.D

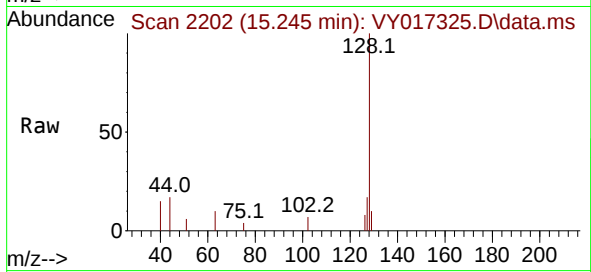
Acq: 08 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-GRAB



Tgt Ion:128 Resp: 2254

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

129 9.9 8.6 12.8

