

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017210.D
 Acq On : 03 Feb 2024 02:55
 Operator : SY/MD
 Sample : P1066-03
 Misc : 2.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-N-GRAB

Quant Time: Feb 03 04:30:16 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)

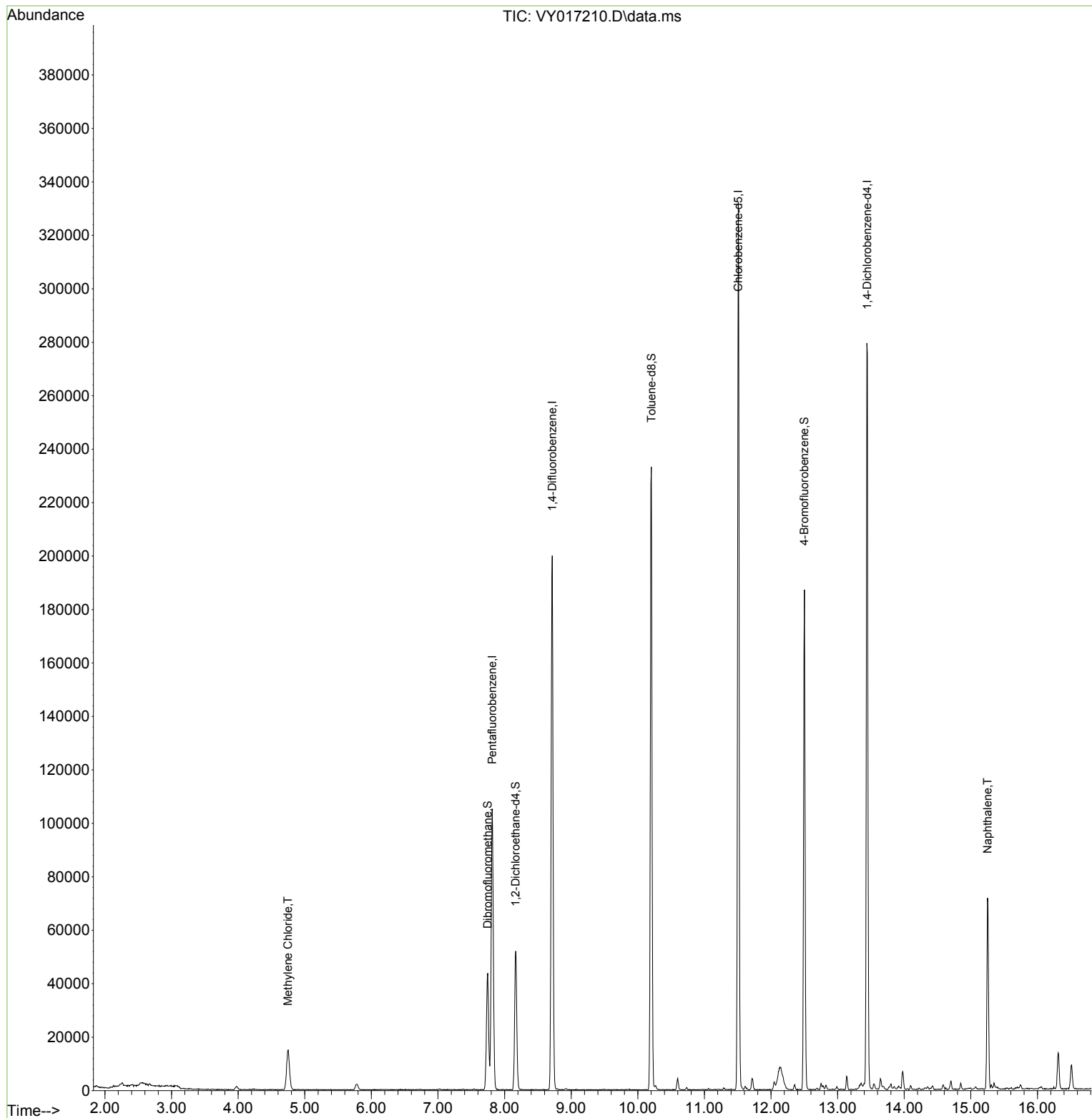
Internal Standards						
1) Pentafluorobenzene	7.813	168	79286	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	172225	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	175980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	72270	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	39170	55.302	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.600%
35) Dibromofluoromethane	7.746	113	31200	33.552	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.100%
50) Toluene-d8	10.203	98	152045	44.908	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.501	95	53814	48.521	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.040%
Target Compounds						
20) Methylene Chloride	4.747	84	11415	10.630	ug/l	95
95) Naphthalene	15.251	128	59303	31.529	ug/l	100

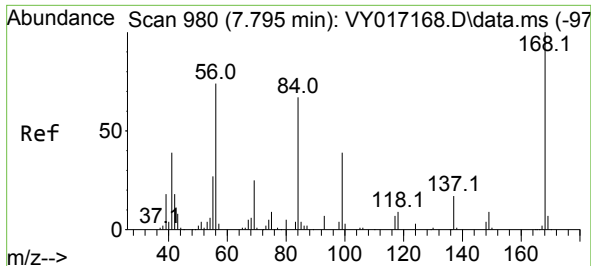
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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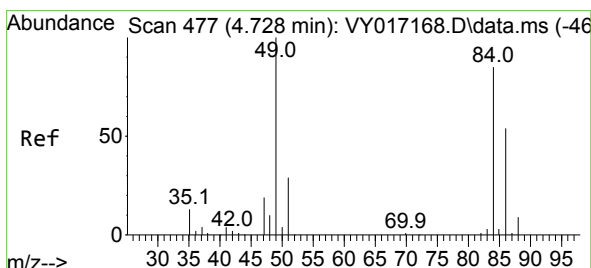
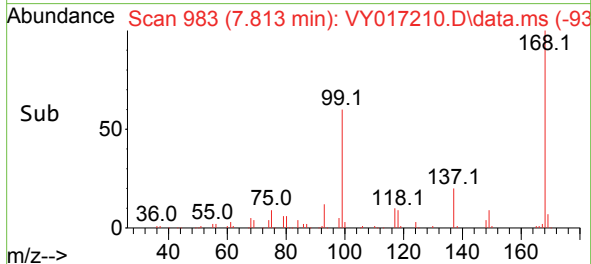
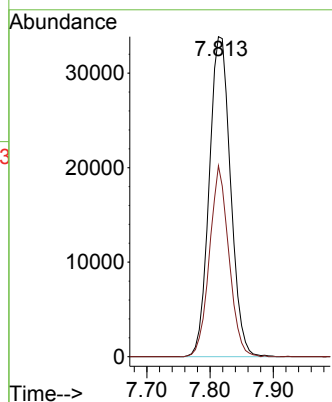
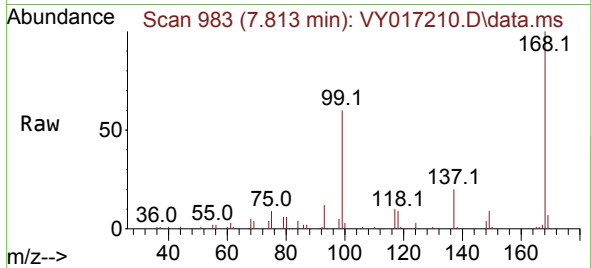




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

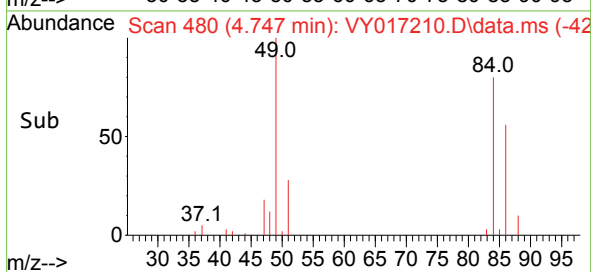
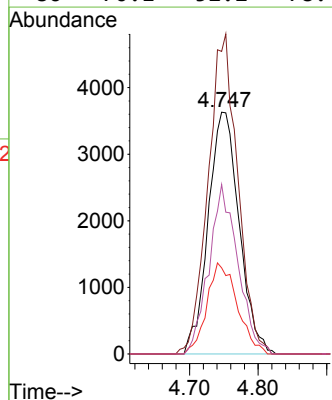
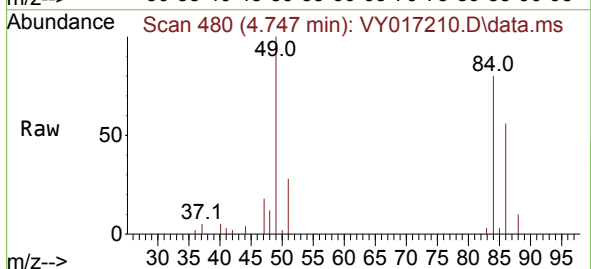
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-GRAB

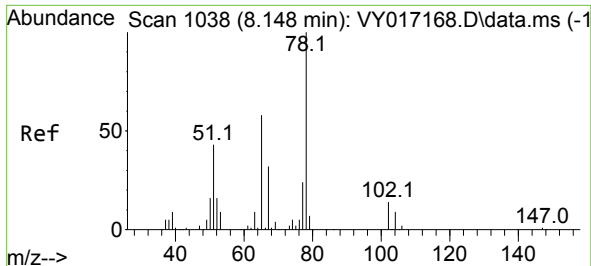
Tgt Ion:168 Resp: 79286
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#20
Methylene Chloride
Concen: 10.630 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.019 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

Tgt Ion: 84 Resp: 11415
Ion Ratio Lower Upper
84 100
49 125.1 95.2 142.8
51 35.6 29.9 44.9
86 70.1 52.2 78.4

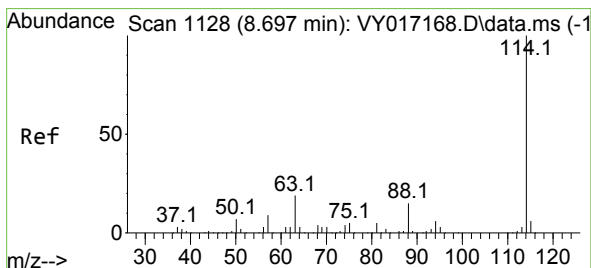
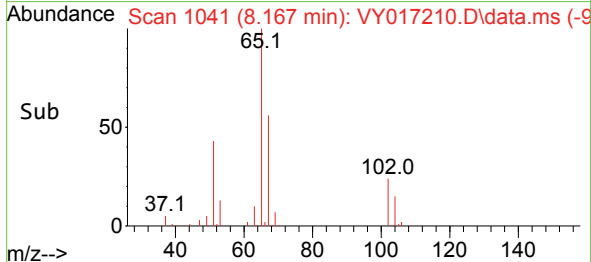
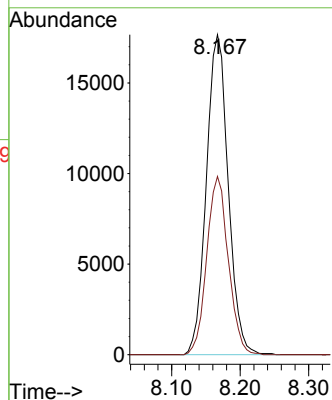
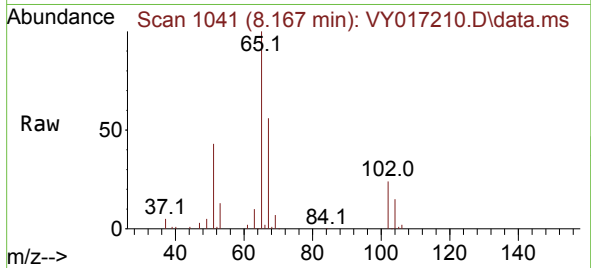




#33
1,2-Dichloroethane-d4
Concen: 55.302 ug/l
RT: 8.167 min Scan# 110
Delta R.T. 0.019 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

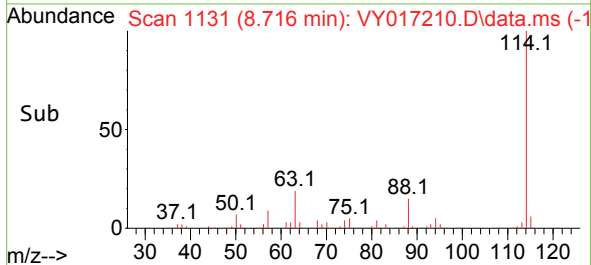
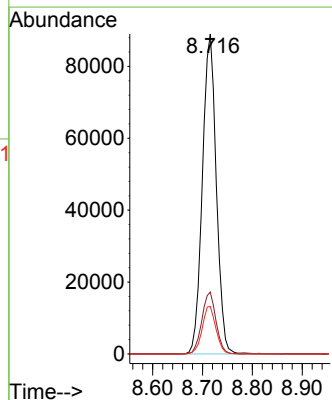
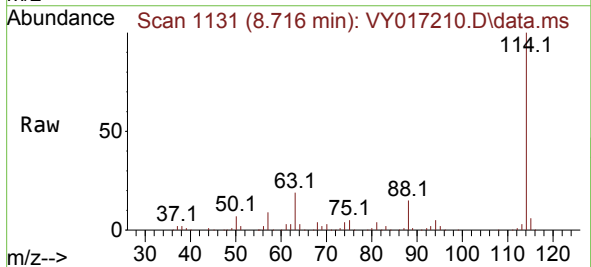
Instrument :
MSVOA_Y
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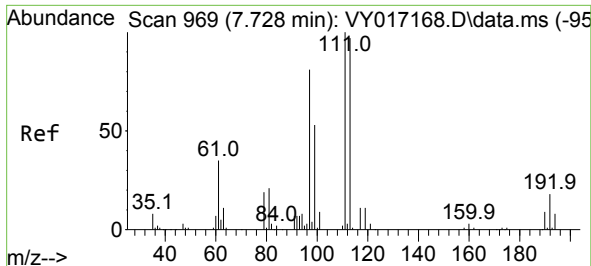
Tgt Ion: 65 Resp: 39170
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.019 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

Tgt Ion: 114 Resp: 172225
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.9 0.0 29.0

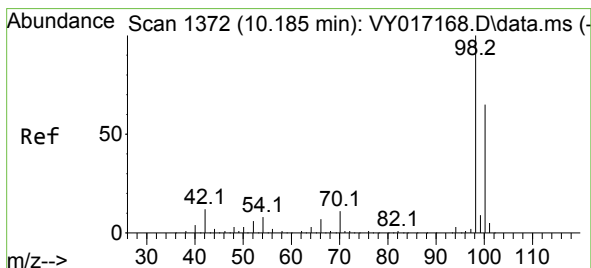
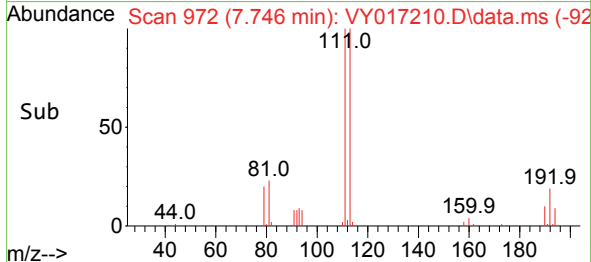
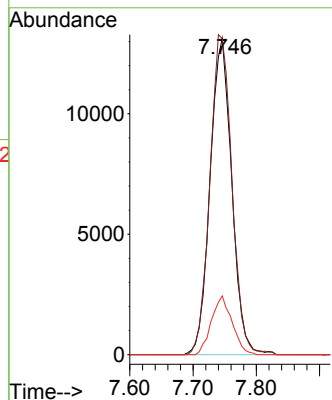
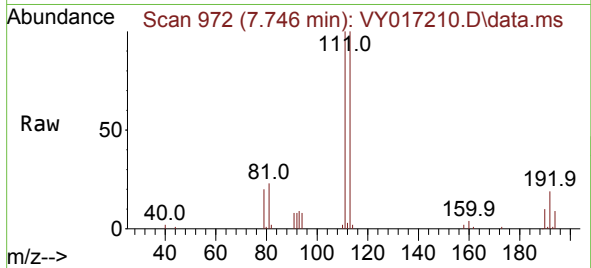




#35
Dibromofluoromethane
Concen: 33.552 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

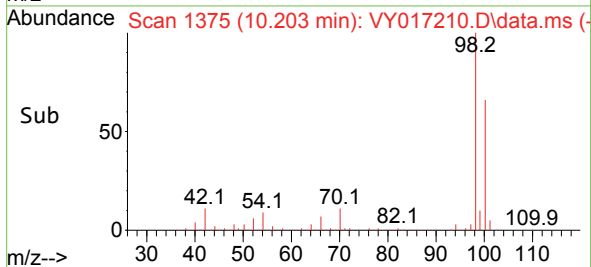
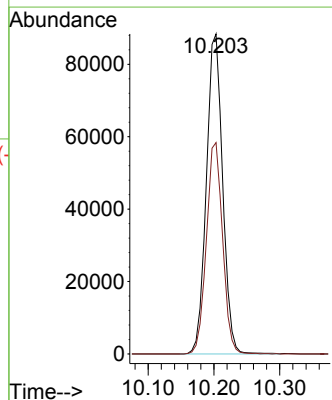
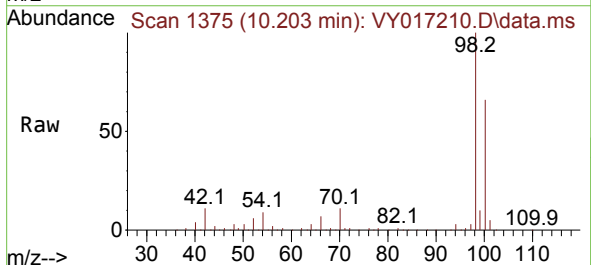
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-GRAB

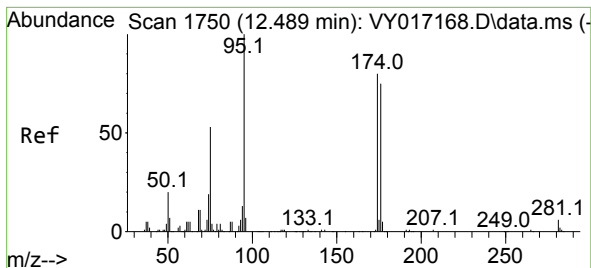
Tgt Ion:113 Resp: 31200
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 44.908 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.019 min
Lab File: VY017210.D
Acq: 03 Feb 2024 02:55

Tgt Ion: 98 Resp: 152045
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 48.521 ug/l

RT: 12.501 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017210.D

Acq: 03 Feb 2024 02:55

Instrument :

MSVOA_Y

ClientSampleId :

WC-N-GRAB

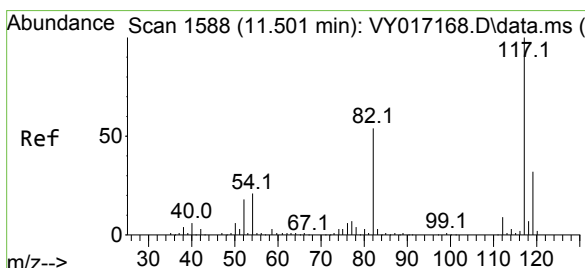
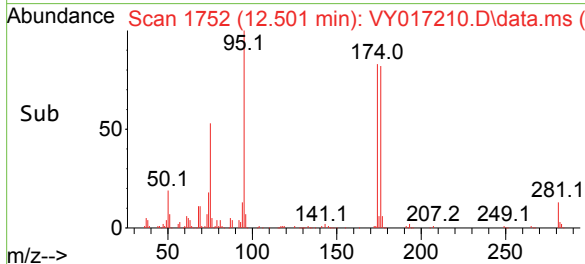
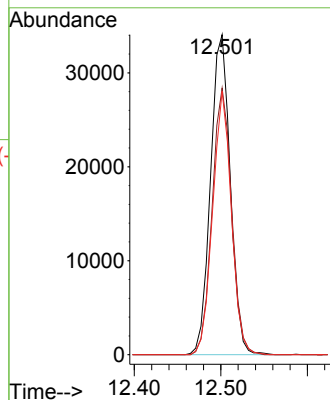
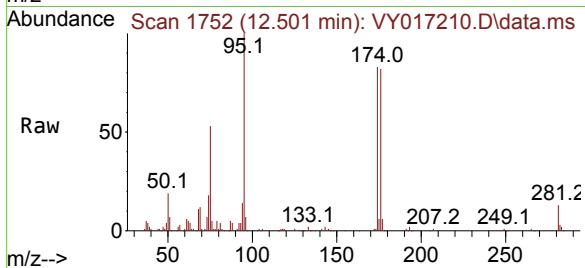
Tgt Ion: 95 Resp: 53814

Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.0

176 78.2 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.006 min

Lab File: VY017210.D

Acq: 03 Feb 2024 02:55

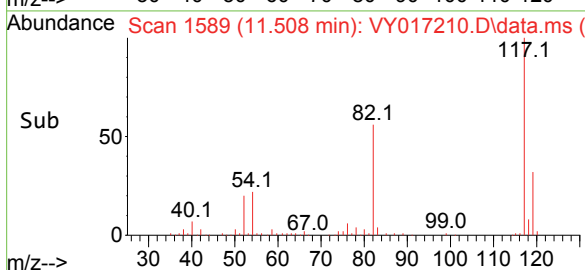
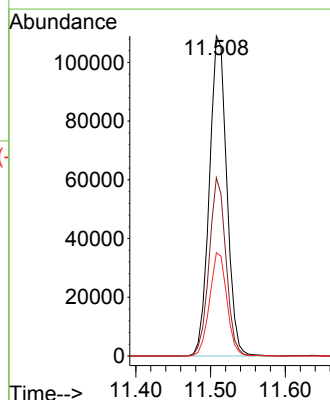
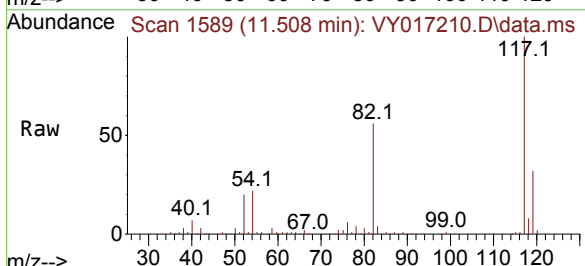
Tgt Ion: 117 Resp: 175980

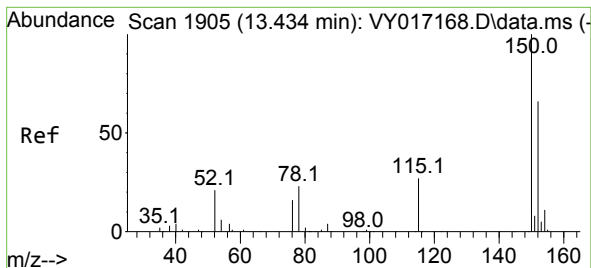
Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 32.3 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: VY017210.D

Acq: 03 Feb 2024 02:55

Instrument :

MSVOA_Y

ClientSampleId :

WC-N-GRAB

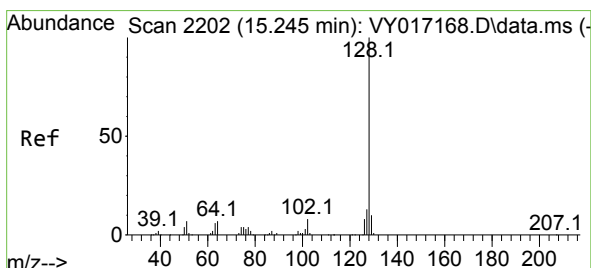
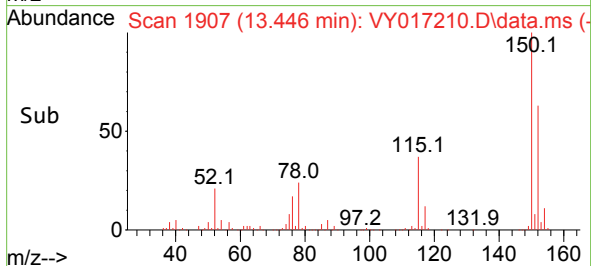
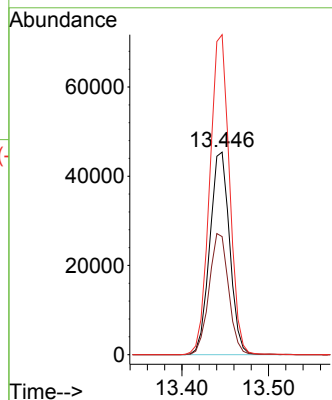
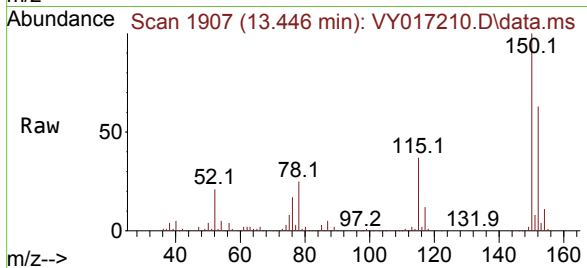
Tgt Ion:152 Resp: 72270

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.0 0.0 344.6



#95

Naphthalene

Concen: 31.529 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017210.D

Acq: 03 Feb 2024 02:55

Tgt Ion:128 Resp: 59303

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 12.8

