

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017211.D
 Acq On : 03 Feb 2024 03:18
 Operator : SY/MD
 Sample : P1338-03
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-S-GRAB

Quant Time: Feb 03 04:30:39 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	79751	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	172584	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	175739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	40288	56.549	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.100%
35) Dibromofluoromethane	7.746	113	42137	45.219	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.440%
50) Toluene-d8	10.203	98	152858	45.054	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.501	95	49999	44.987	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%

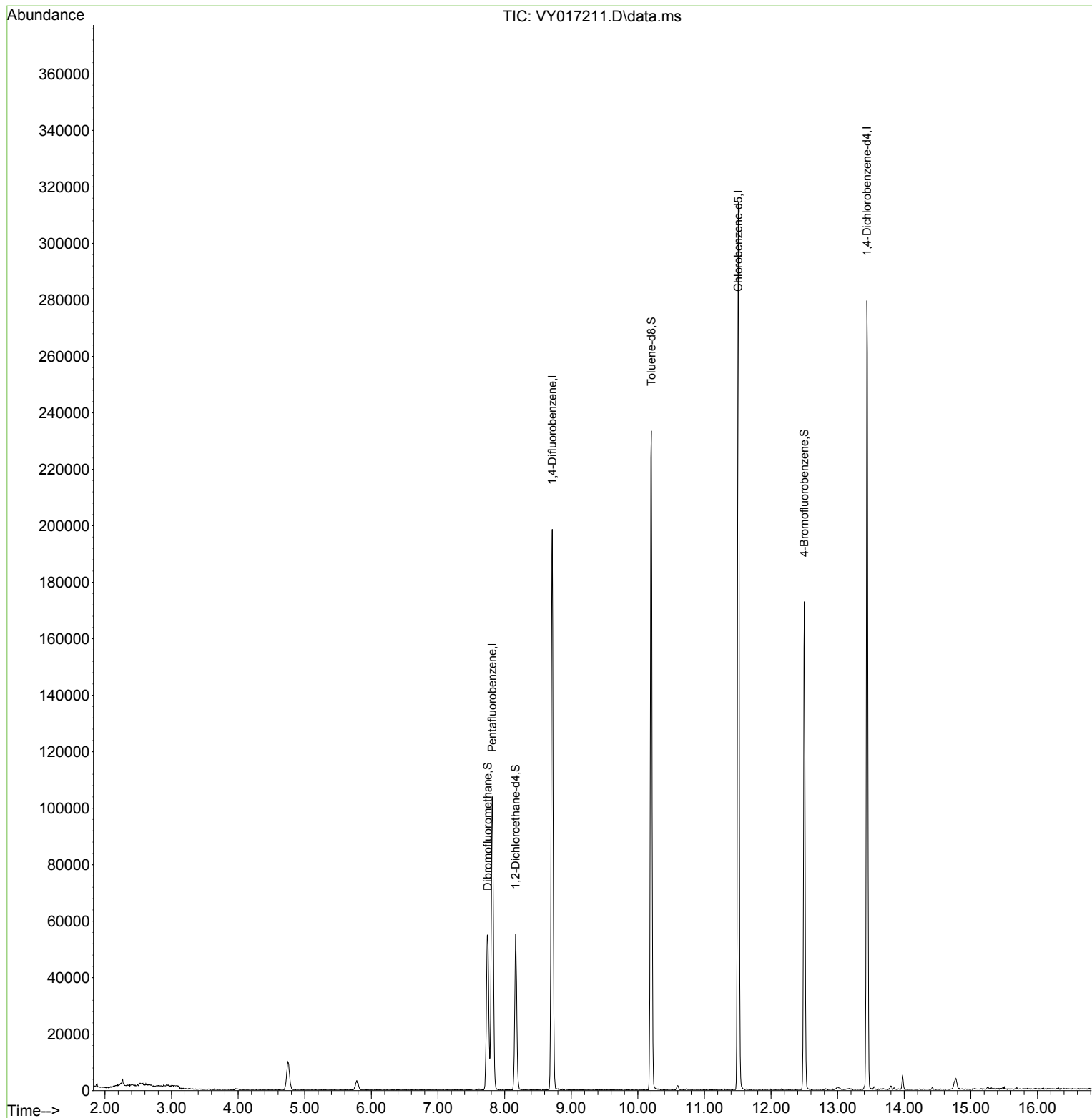
Target Compounds	Qvalue

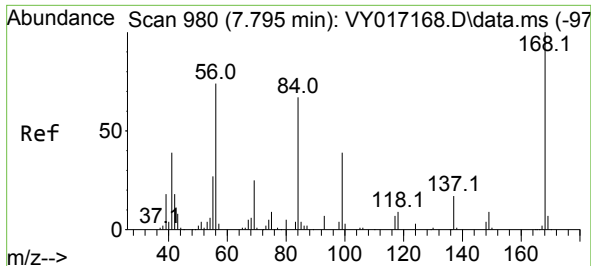
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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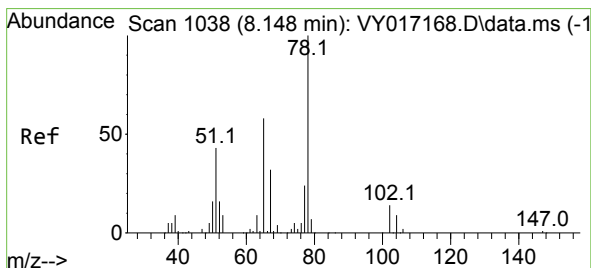
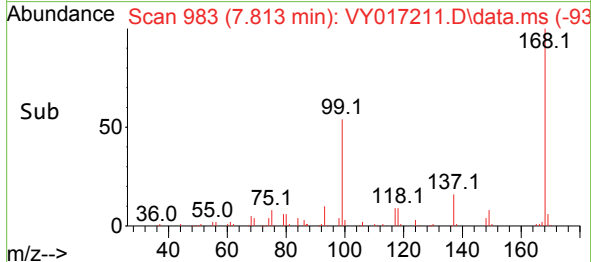
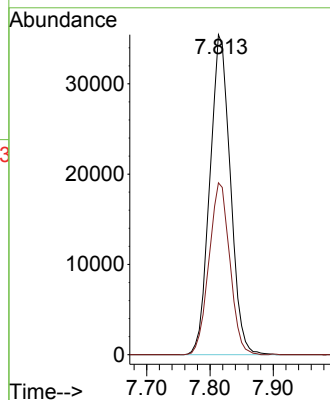
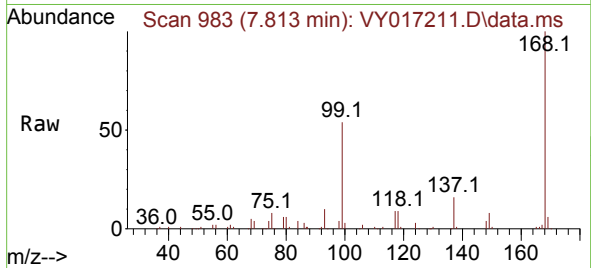




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

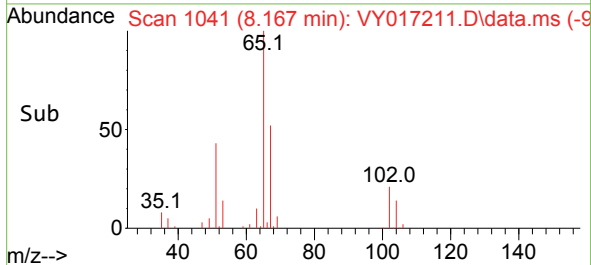
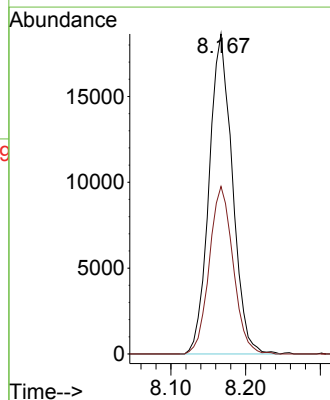
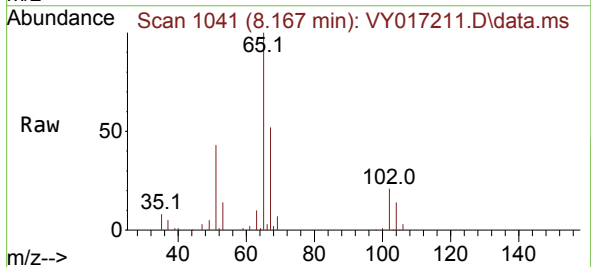
Instrument :
MSVOA_Y
ClientSampleId :
WC-S-GRAB

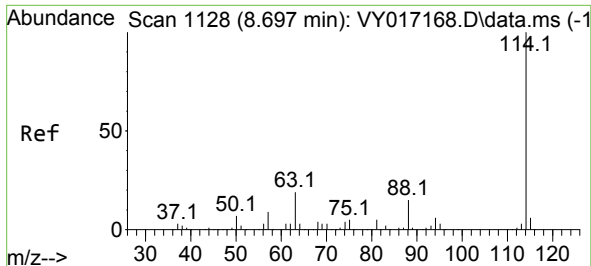
Tgt Ion:168 Resp: 79751
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.549 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 65 Resp: 40288
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017211.D

Acq: 03 Feb 2024 03:18

Instrument :

MSVOA_Y

ClientSampleId :

WC-S-GRAB

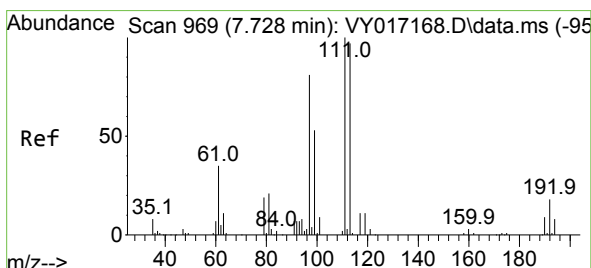
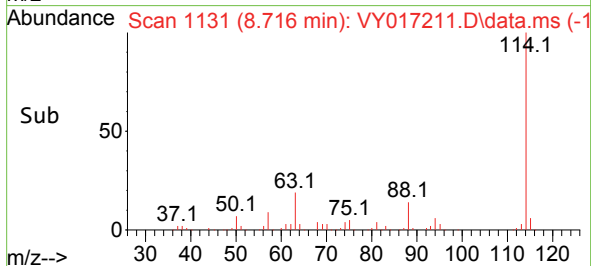
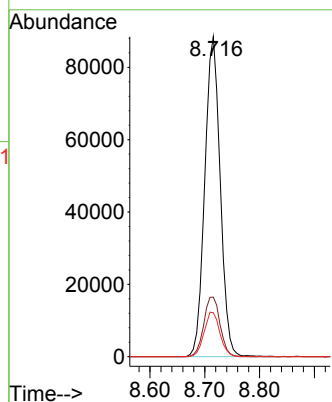
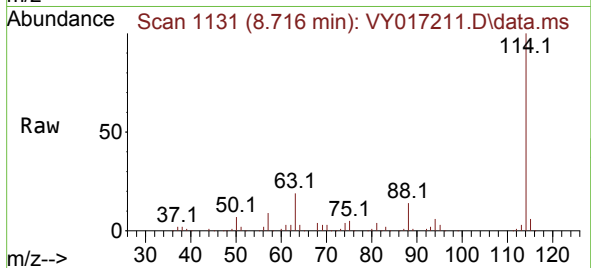
Tgt Ion:114 Resp: 172584

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 13.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.219 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY017211.D

Acq: 03 Feb 2024 03:18

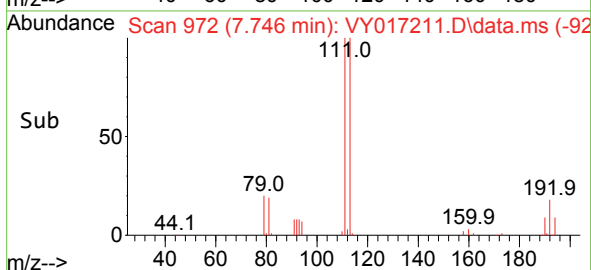
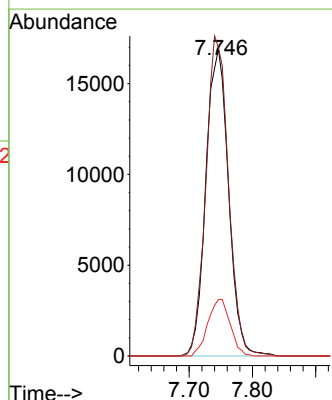
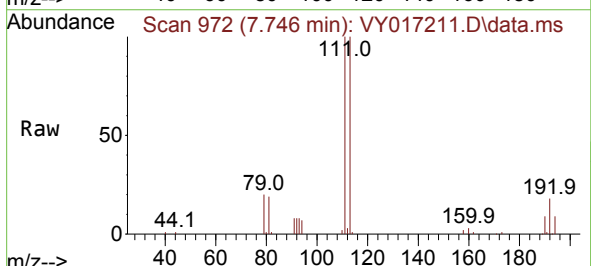
Tgt Ion:113 Resp: 42137

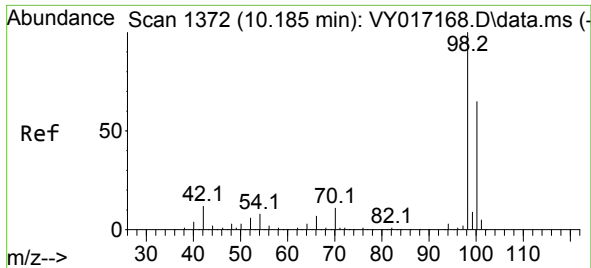
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.2 14.5 21.7

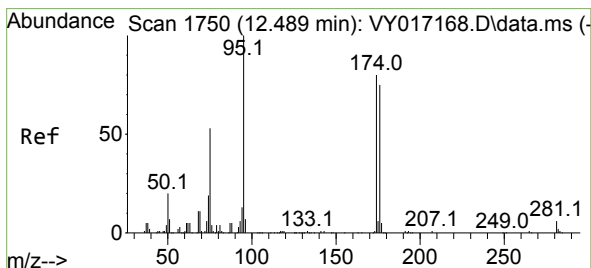
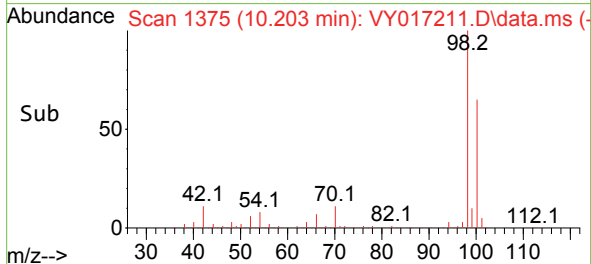
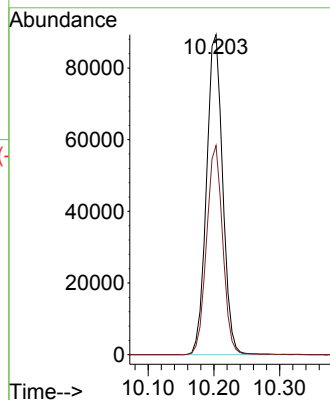
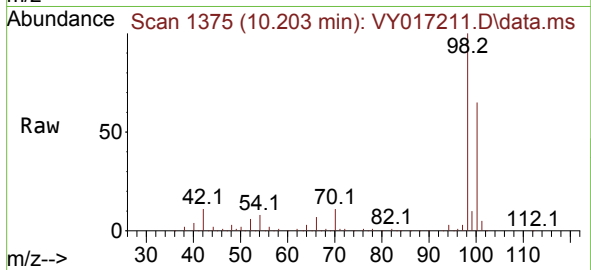




#50
Toluene-d8
Concen: 45.054 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

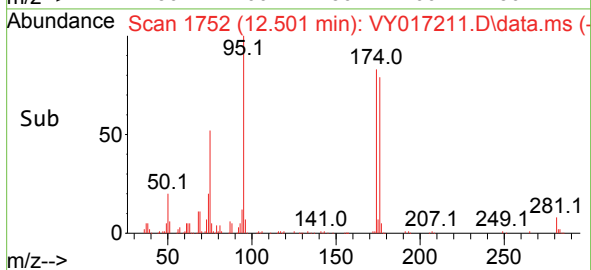
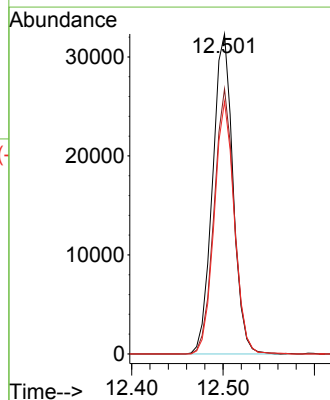
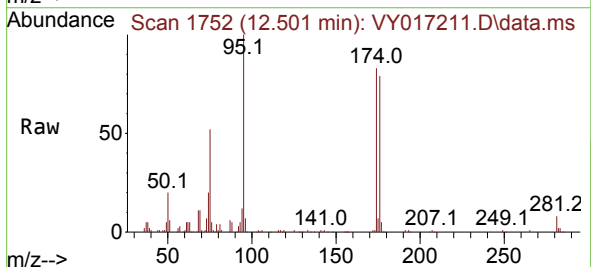
Instrument :
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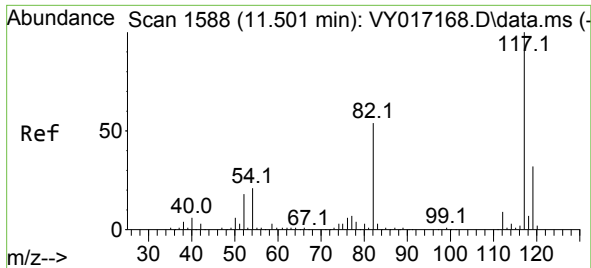
Tgt Ion: 98 Resp: 152858
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 95 Resp: 49999
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 78.1 0.0 151.8

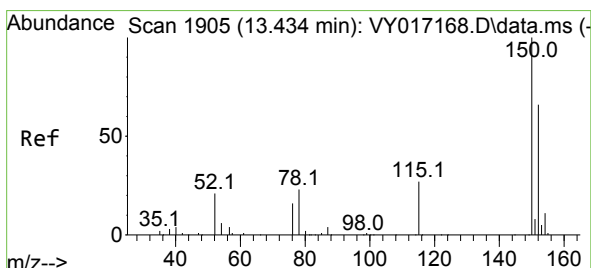
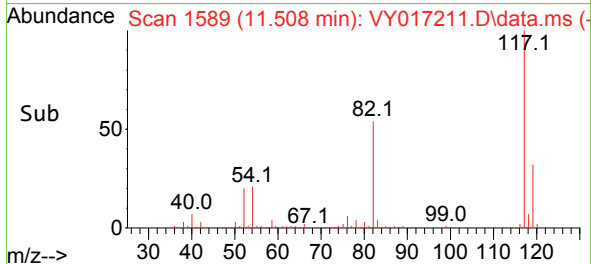
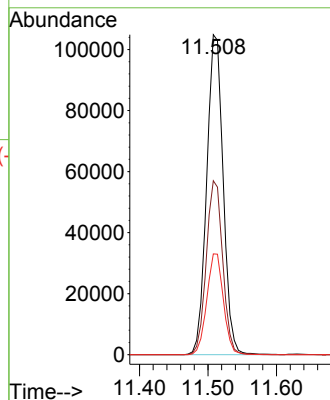
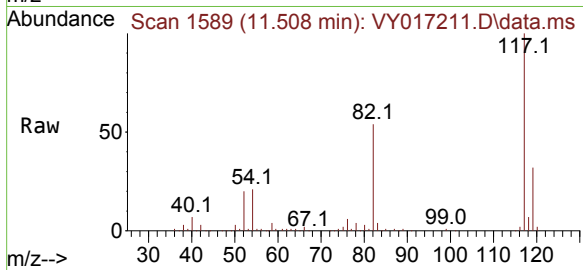




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Instrument :
MSVOA_Y
ClientSampleId :
WC-S-GRAB

Tgt Ion:117 Resp: 175739
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion:152 Resp: 68808
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 159.7 0.0 344.6

