

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017183.D
 Acq On : 02 Feb 2024 14:50
 Operator : SY/MD
 Sample : P1340-01
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 02 22:30:23 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	7.801	168	81732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	177075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41854	57.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.728	113	42538	45.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.380%
50) Toluene-d8	10.191	98	152890	44.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.489	95	51301	45.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%

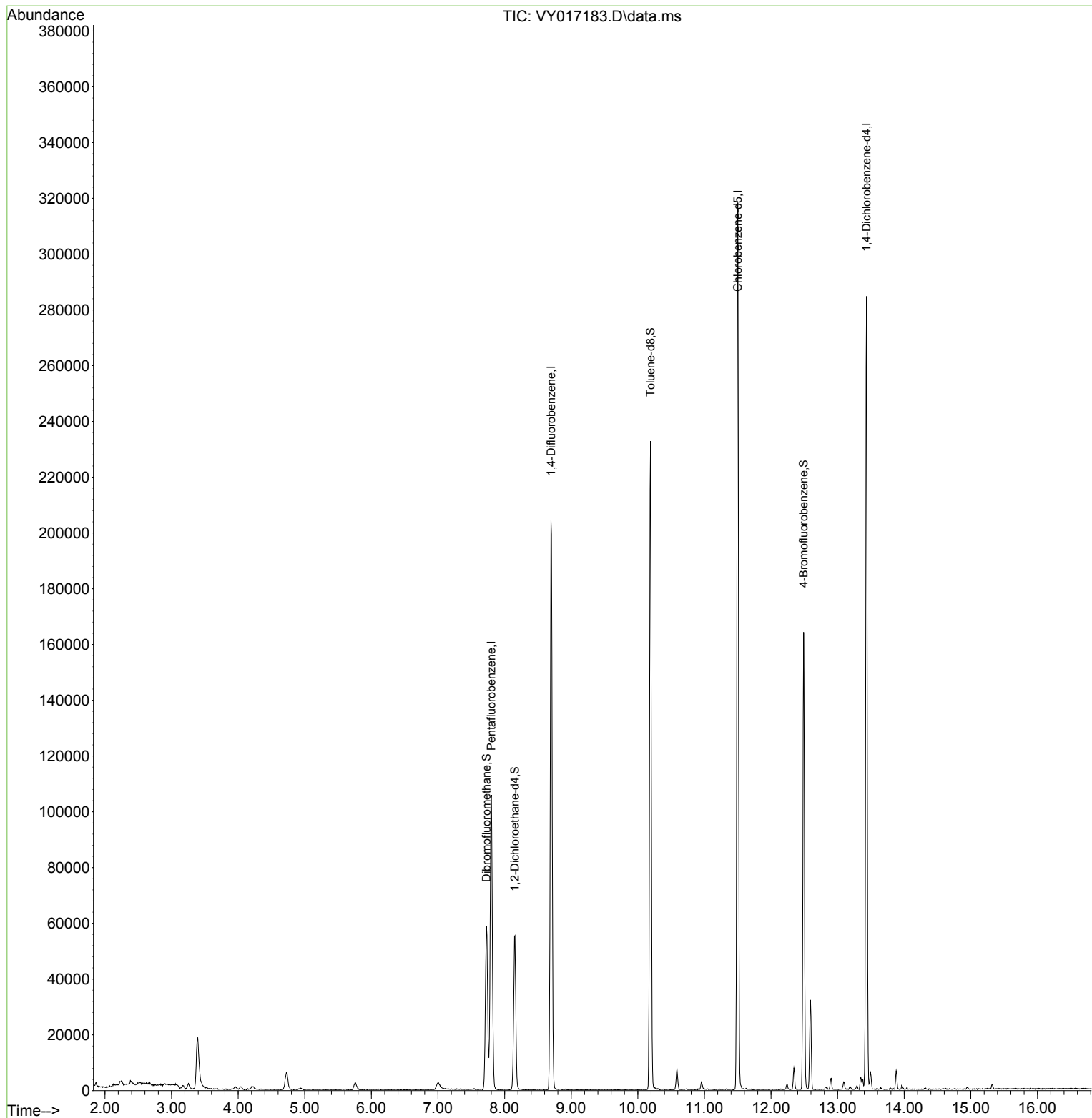
Target Compounds	Qvalue

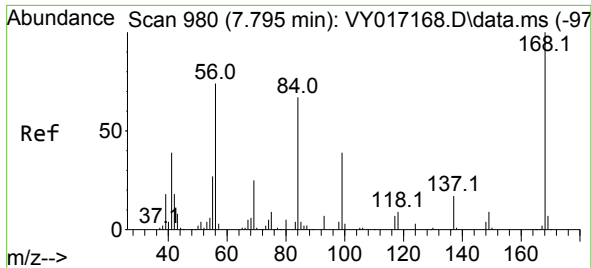
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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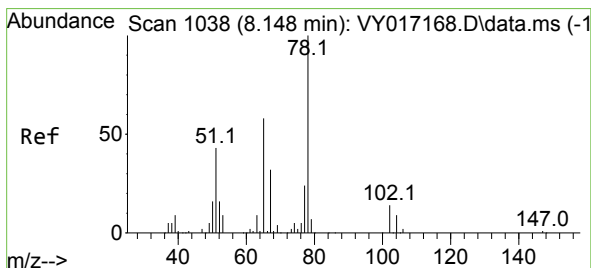
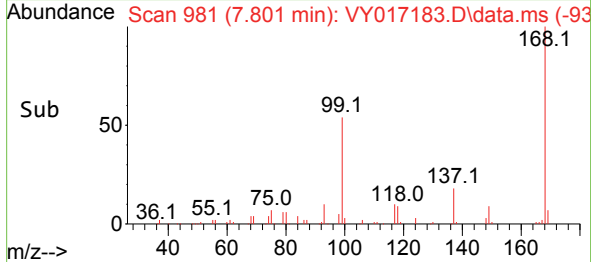
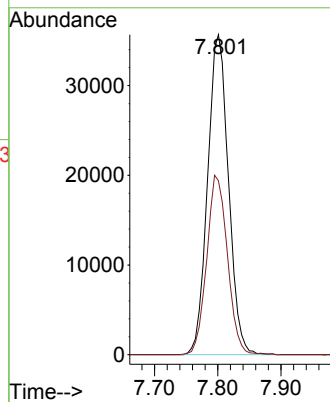
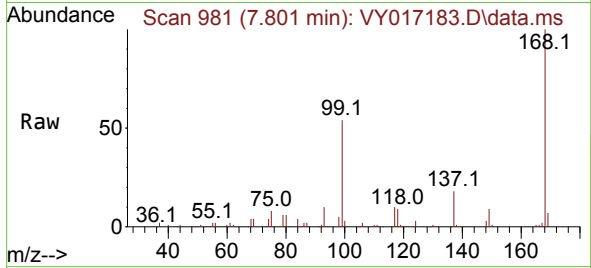




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

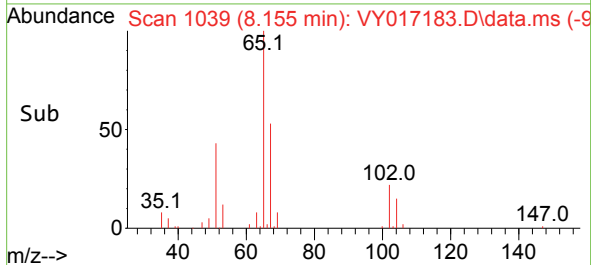
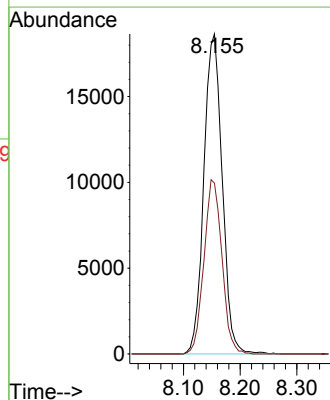
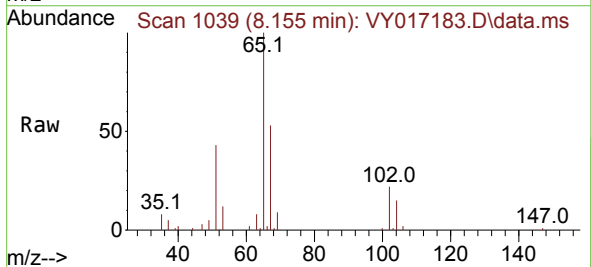
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

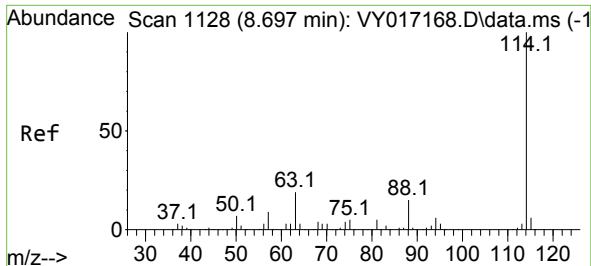
Tgt Ion:168 Resp: 81732
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.323 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion: 65 Resp: 41854
Ion Ratio Lower Upper
65 100
67 53.4 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: VY017183.D

Acq: 02 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

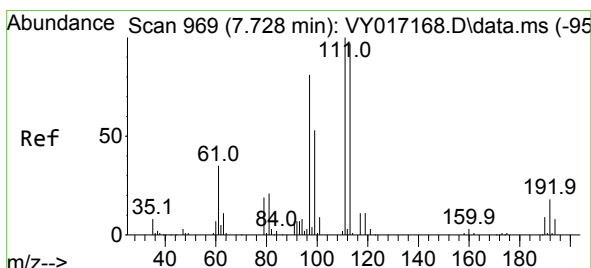
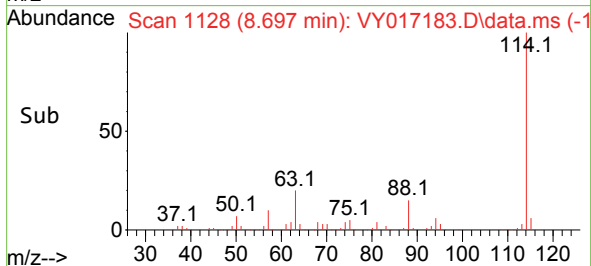
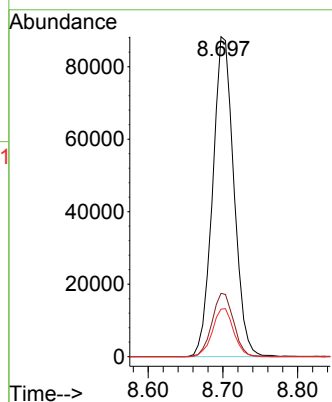
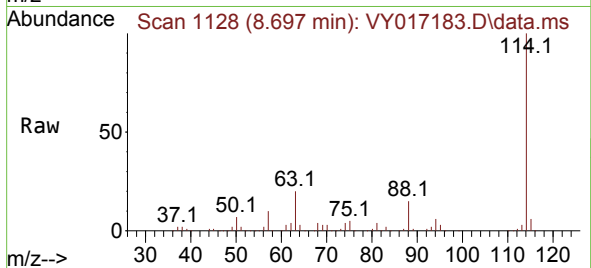
Tgt Ion:114 Resp: 174357

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.185 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

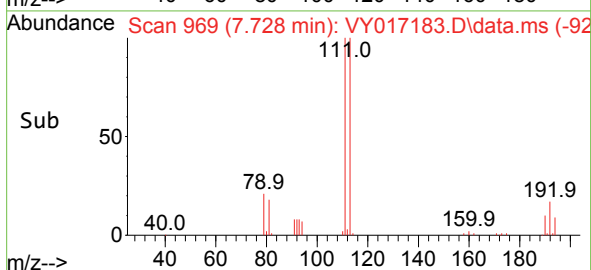
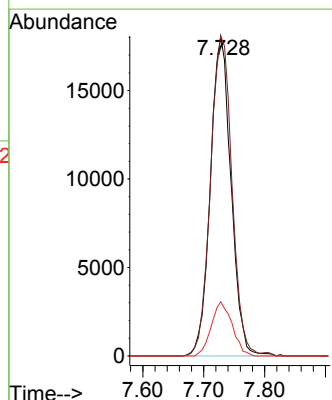
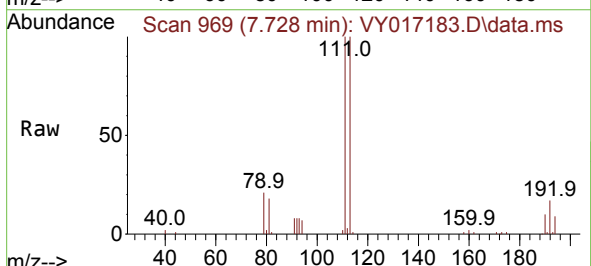
Tgt Ion:113 Resp: 42538

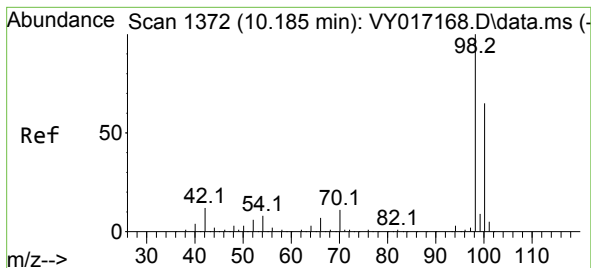
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.1 14.5 21.7





#50

Toluene-d8

Concen: 44.605 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

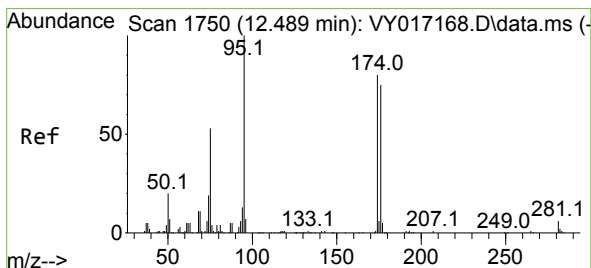
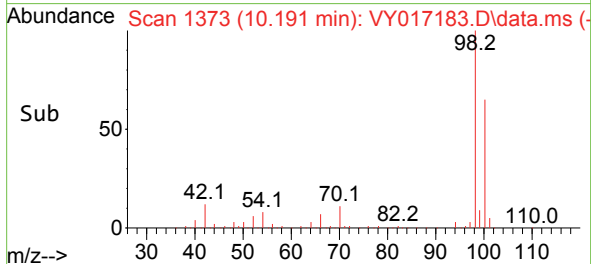
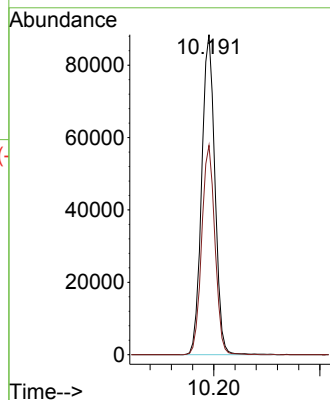
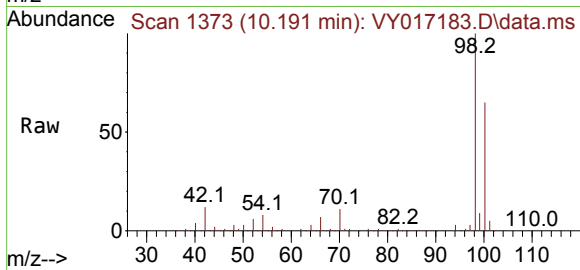
COMP-1

Tgt Ion: 98 Resp: 152890

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017183.D

Acq: 02 Feb 2024 14:50

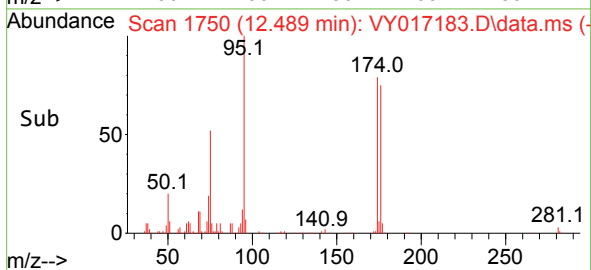
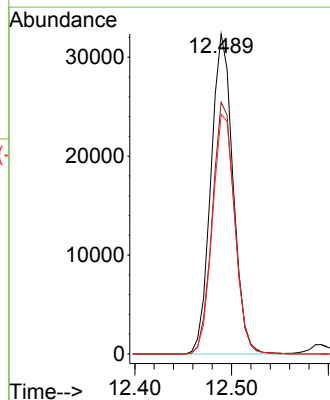
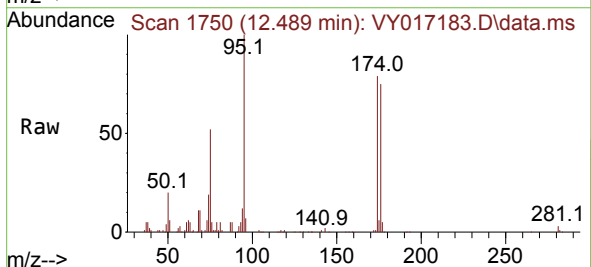
Tgt Ion: 95 Resp: 51301

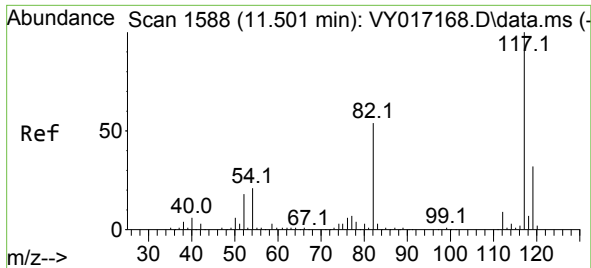
Ion Ratio Lower Upper

95 100

174 79.3 0.0 160.0

176 76.2 0.0 151.8

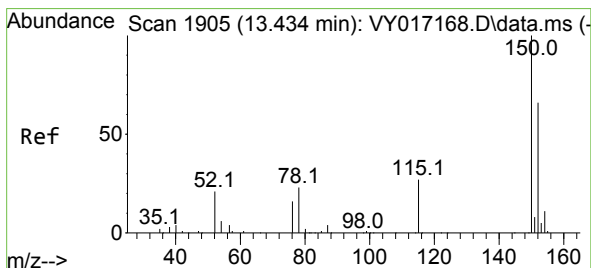
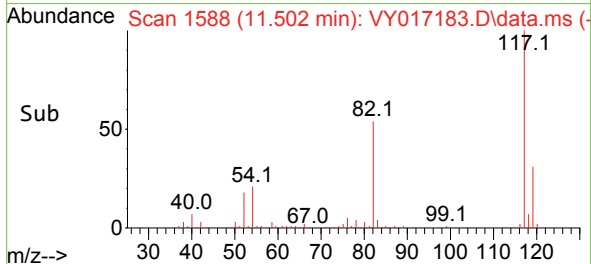
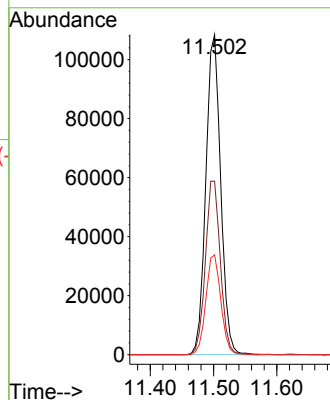
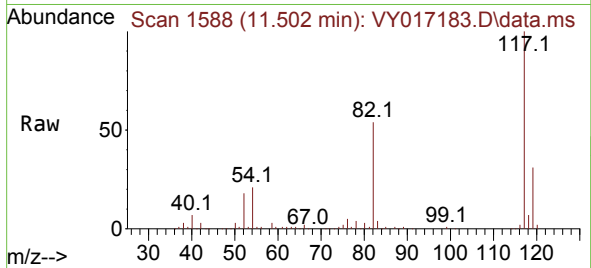




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017183.D
Acq: 02 Feb 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 177075
Ion Ratio Lower Upper
117 100
82 54.2 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: VY017183.D
Acq: 02 Feb 2024 14:50

Tgt Ion:152 Resp: 70198
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 156.1 0.0 344.6

