

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017336.D
 Acq On : 09 Feb 2024 13:56
 Operator : SY/MD
 Sample : P1414-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(10-11)

Quant Time: Feb 09 22:02:39 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	7.789	168	85250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150553	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	58569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42572	55.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.716	113	41584	46.669	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.179	98	144378	44.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.483	95	41621	39.164	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.320%

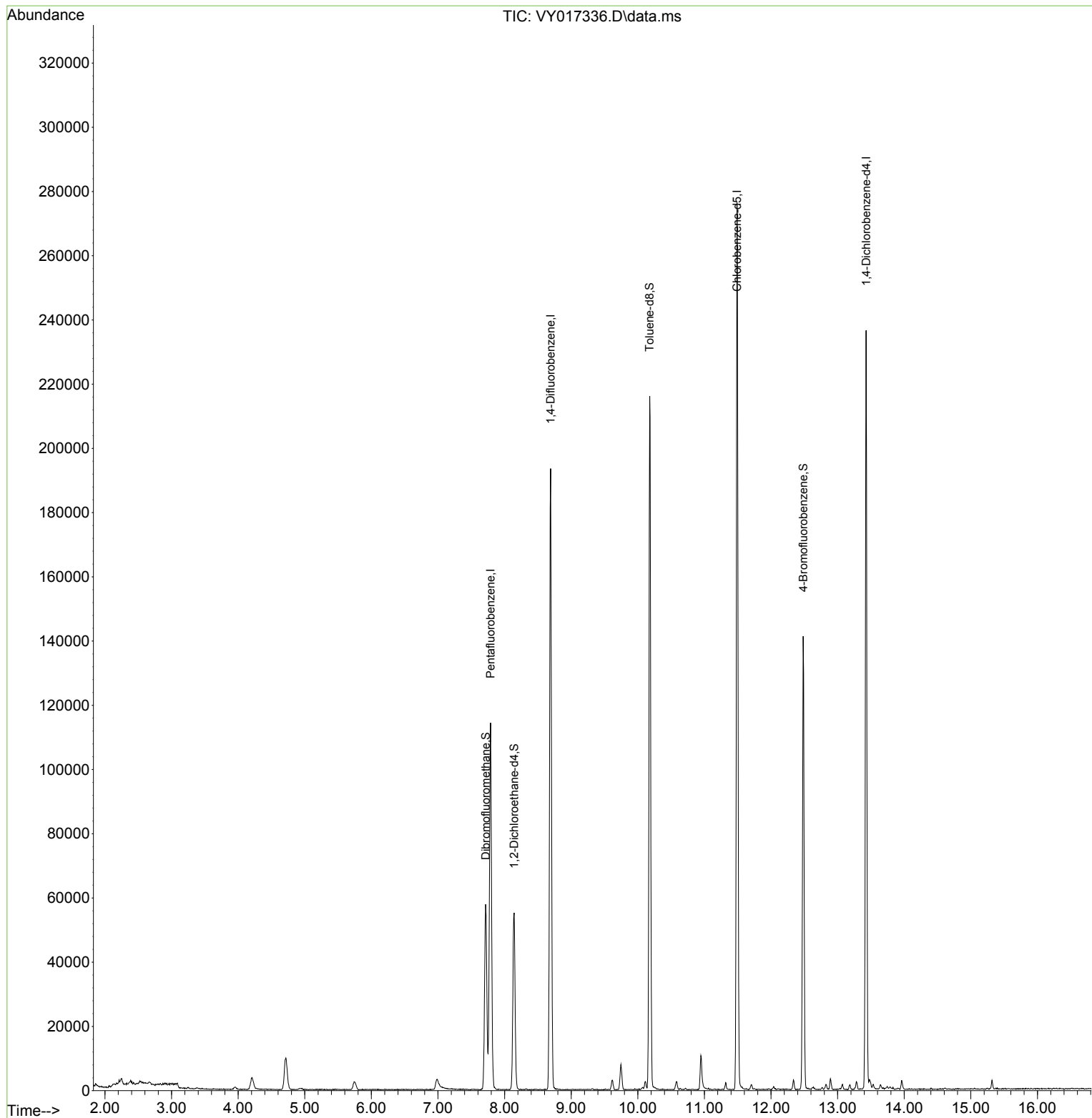
Target Compounds	Qvalue

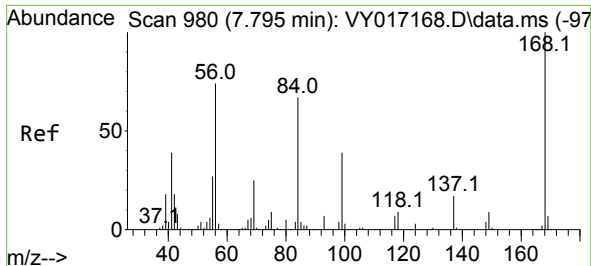
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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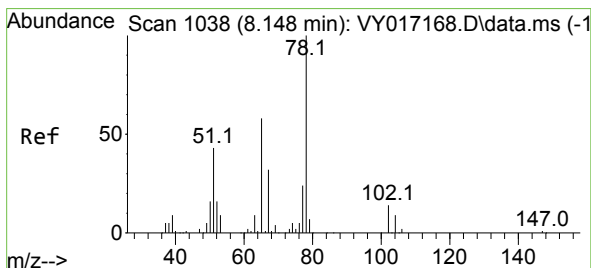
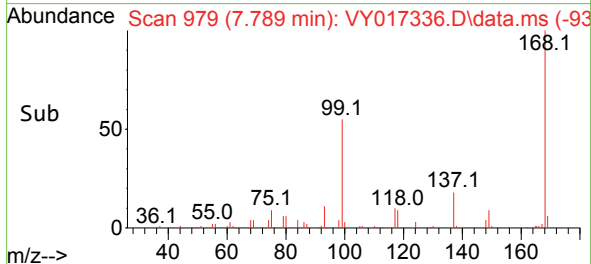
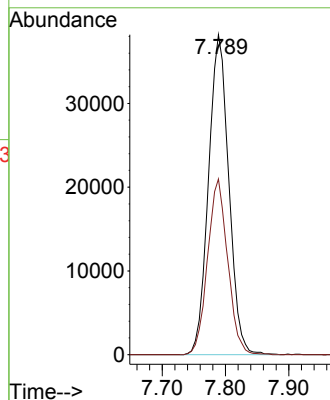
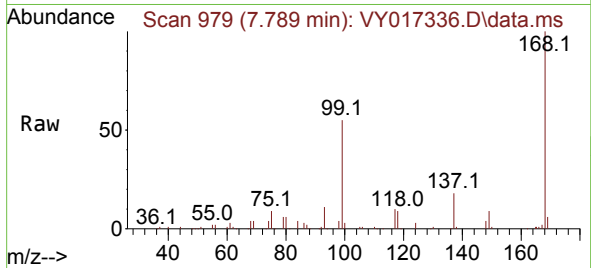




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

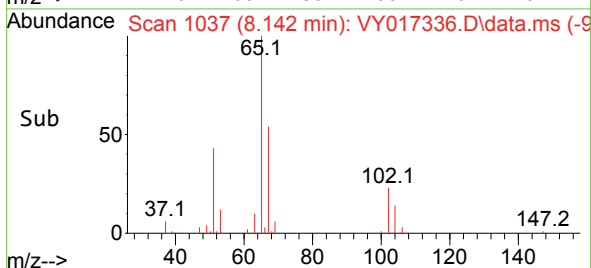
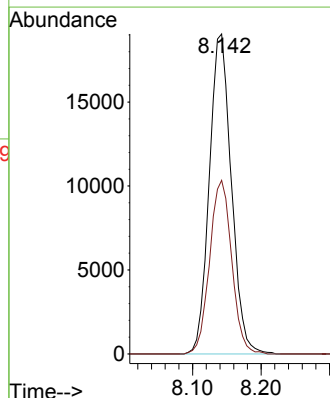
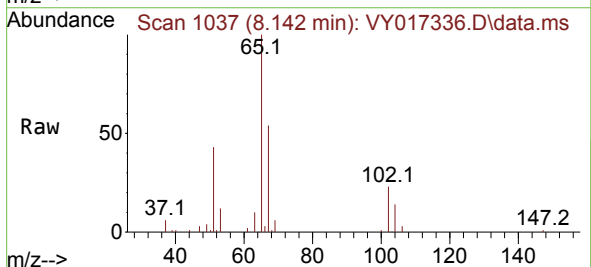
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(10-11)

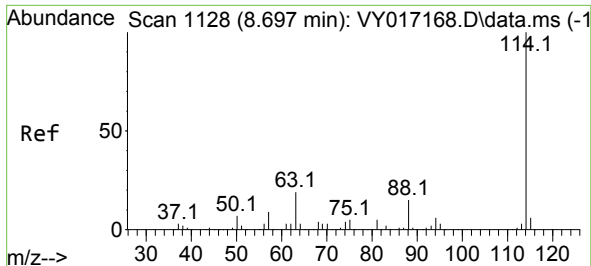
Tgt Ion:168 Resp: 85250
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.900 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

Tgt Ion: 65 Resp: 42572
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017336.D

Acq: 09 Feb 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-10(10-11)

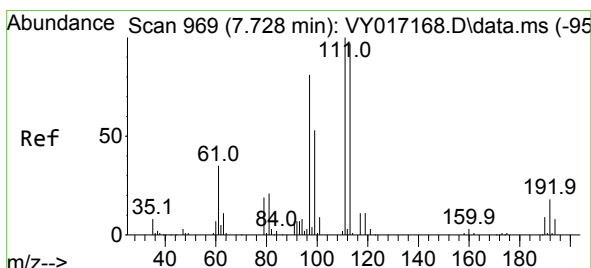
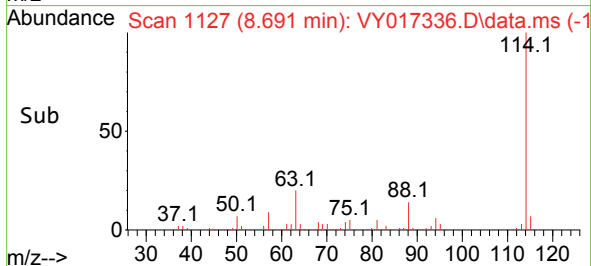
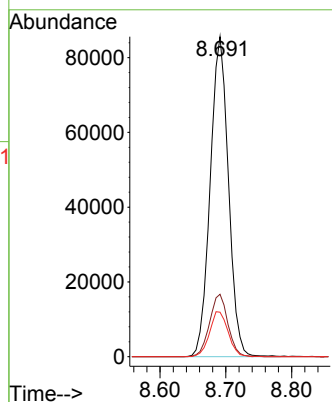
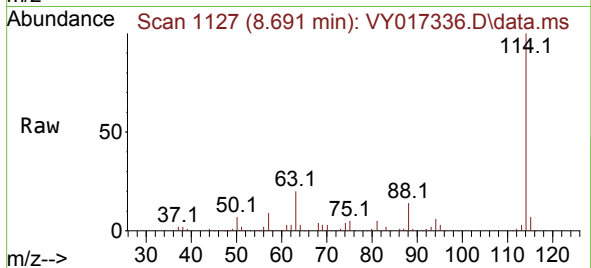
Tgt Ion:114 Resp: 165027

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.669 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017336.D

Acq: 09 Feb 2024 13:56

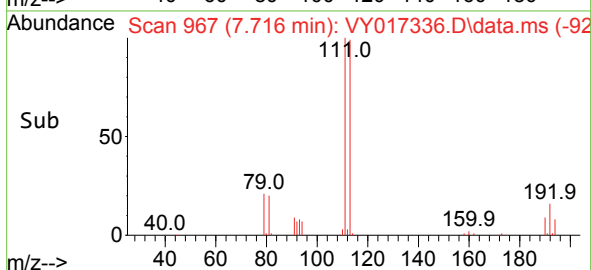
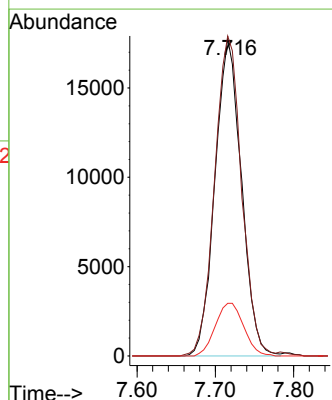
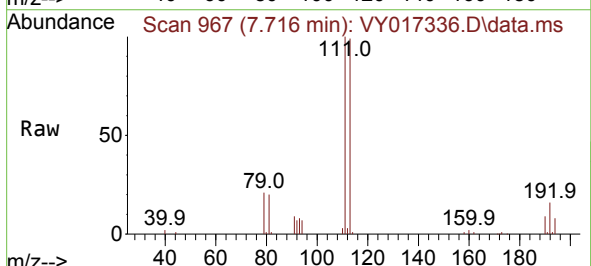
Tgt Ion:113 Resp: 41584

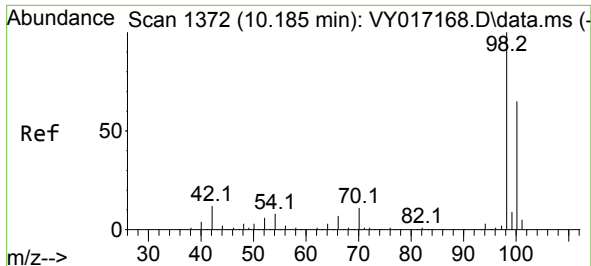
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.9 14.5 21.7

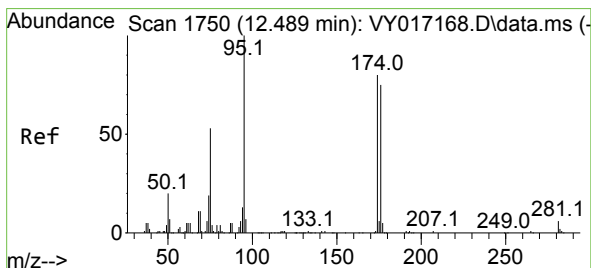
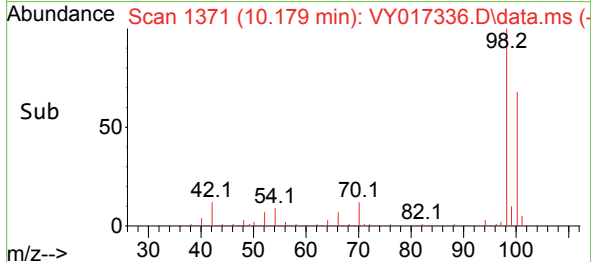
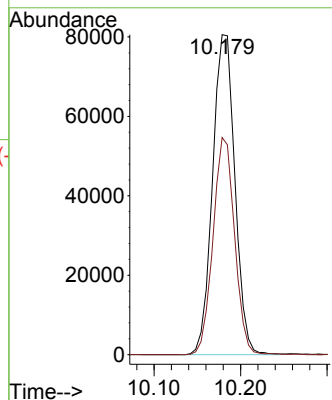
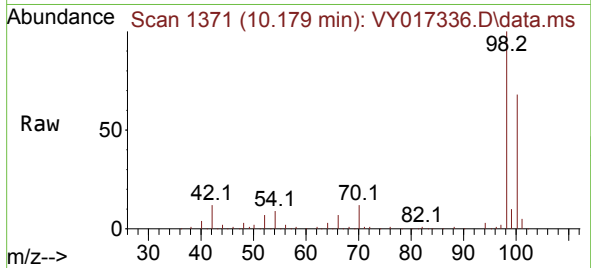




#50
Toluene-d8
Concen: 44.503 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

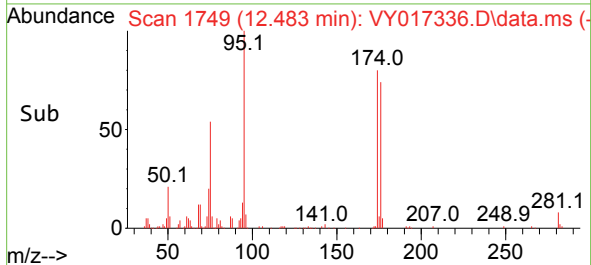
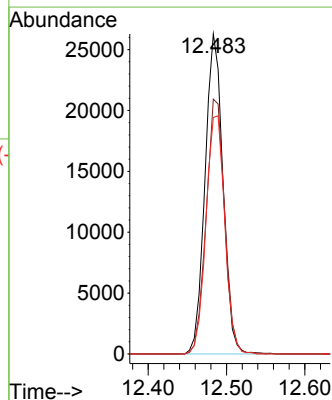
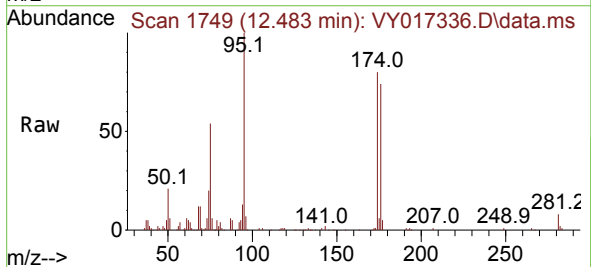
Instrument :
MSVOA_Y
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SB-10(10-11)

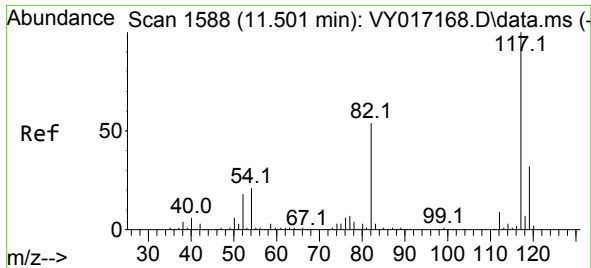
Tgt Ion: 98 Resp: 144378
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.164 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

Tgt Ion: 95 Resp: 41621
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.0
176 78.2 0.0 151.8

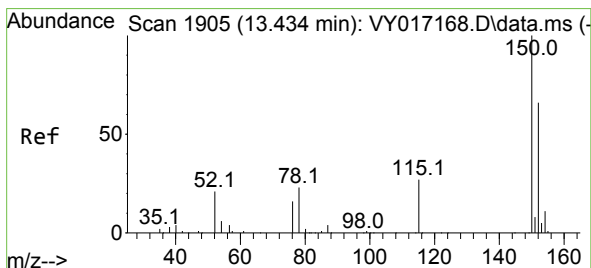
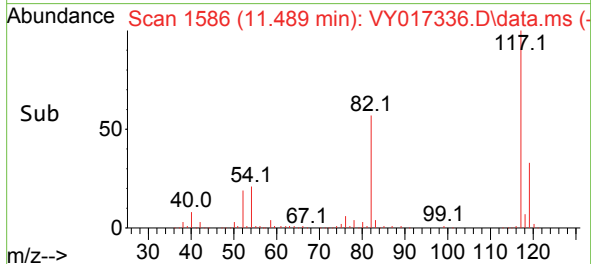
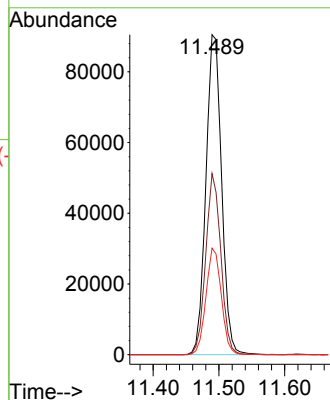
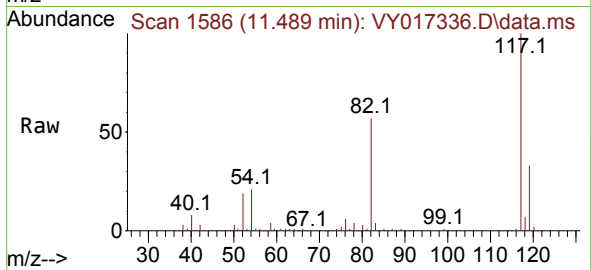




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-10(10-11)

Tgt Ion:117 Resp: 150553
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017336.D
Acq: 09 Feb 2024 13:56

Tgt Ion:152 Resp: 58569
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 157.8 0.0 344.6

