

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017300.D
 Acq On : 07 Feb 2024 19:36
 Operator : SY/MD
 Sample : P1391-31
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Feb 08 01:47:14 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	73839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132459	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	50085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	41580	63.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.080%
35) Dibromofluoromethane	7.716	113	38834	47.940	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.179	98	140110	47.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.483	95	38592	39.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.880%

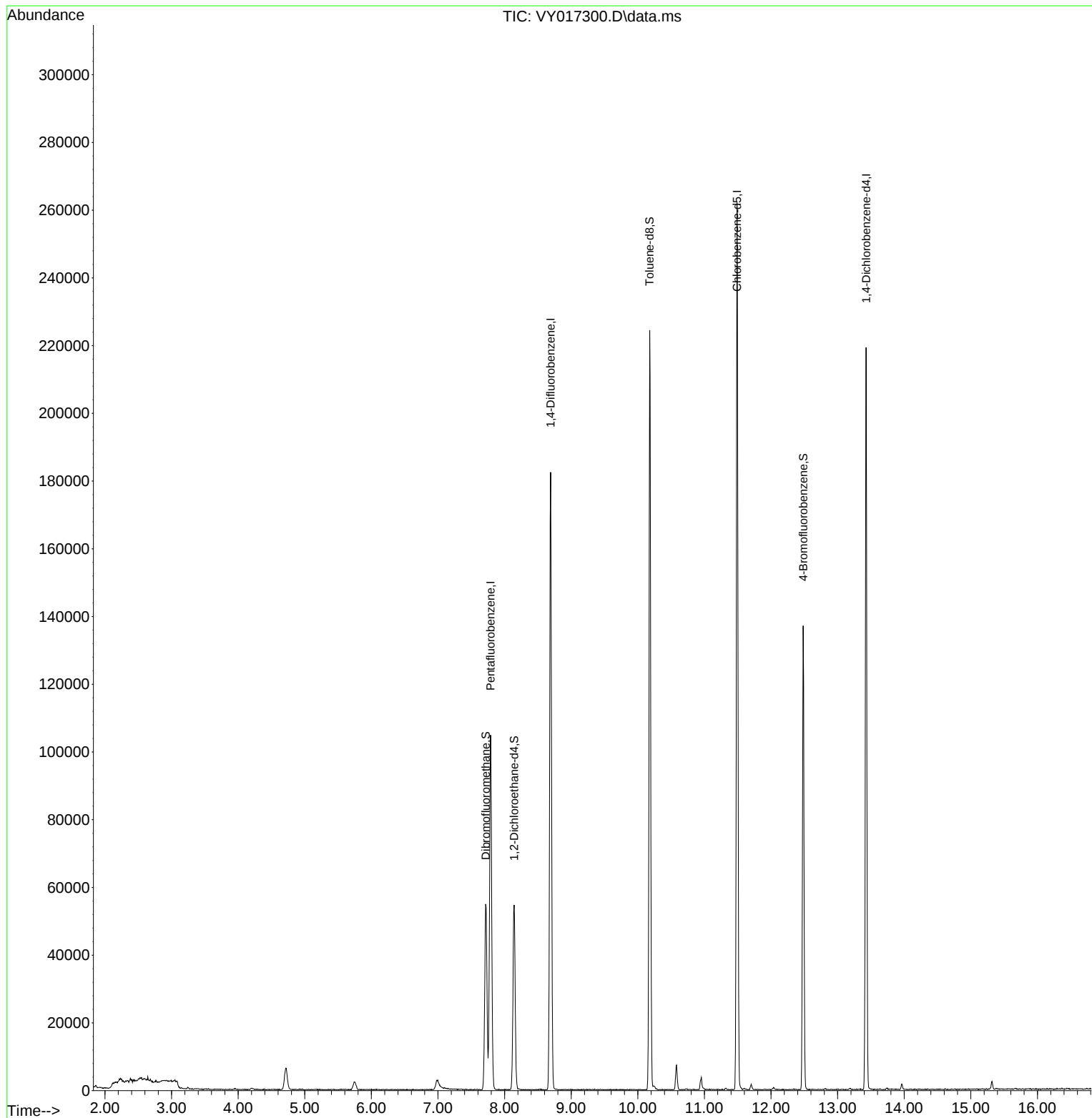
Target Compounds	Qvalue

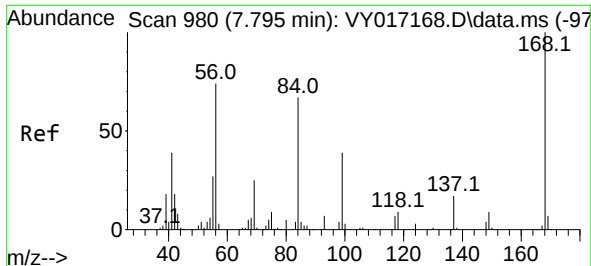
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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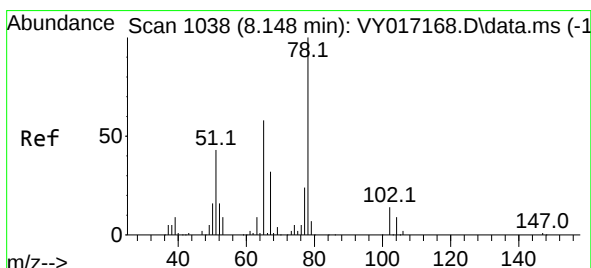
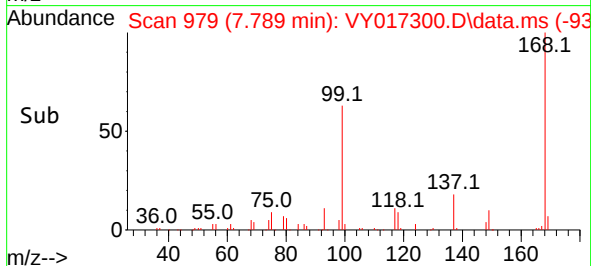
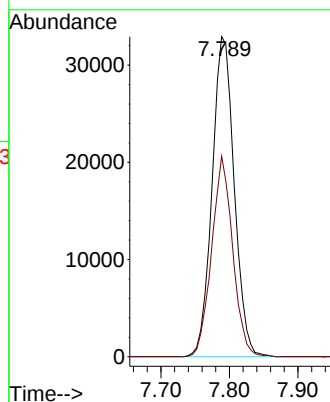
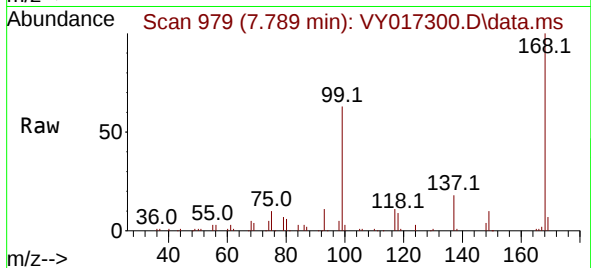




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017300.D
Acq: 07 Feb 2024 19:36

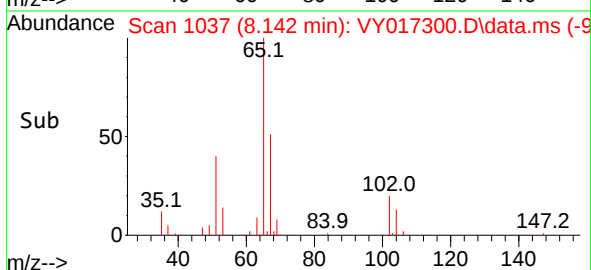
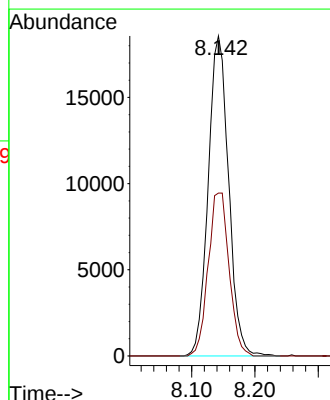
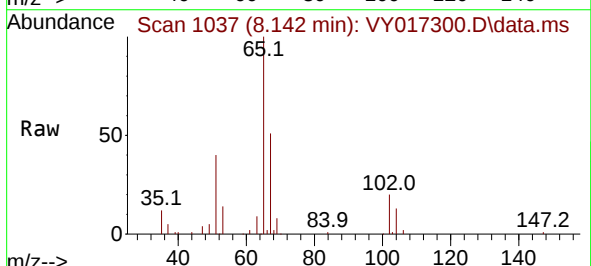
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

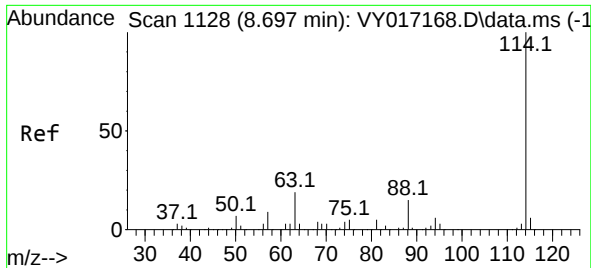
Tgt Ion:168 Resp: 73839
Ion Ratio Lower Upper
168 100
99 62.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.035 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017300.D
Acq: 07 Feb 2024 19:36

Tgt Ion: 65 Resp: 41580
Ion Ratio Lower Upper
65 100
67 52.3 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: VY017300.D

Acq: 07 Feb 2024 19:36

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

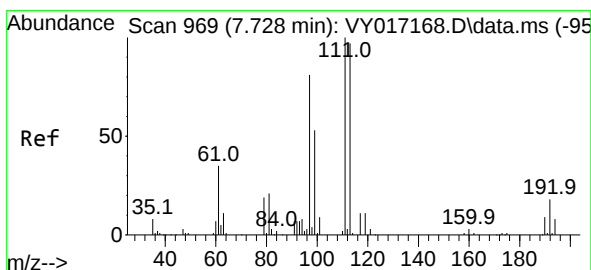
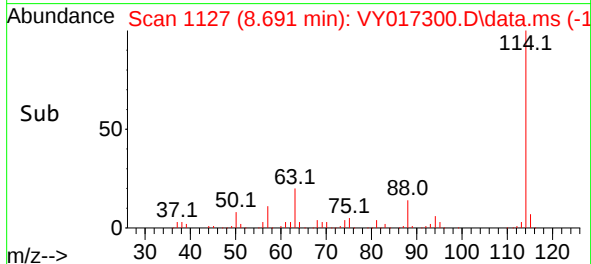
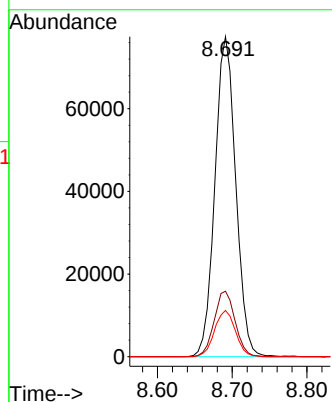
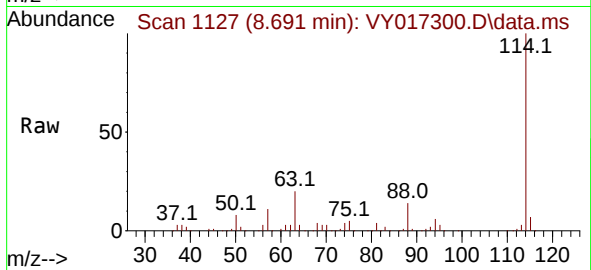
Tgt Ion:114 Resp: 150028

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.940 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017300.D

Acq: 07 Feb 2024 19:36

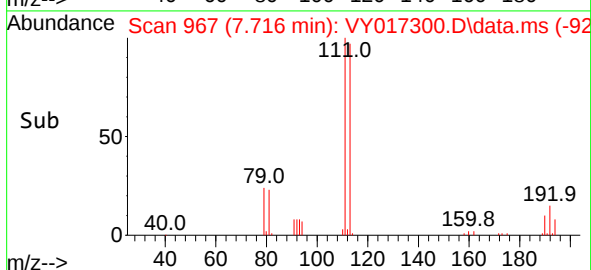
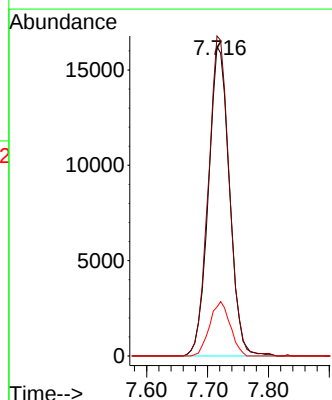
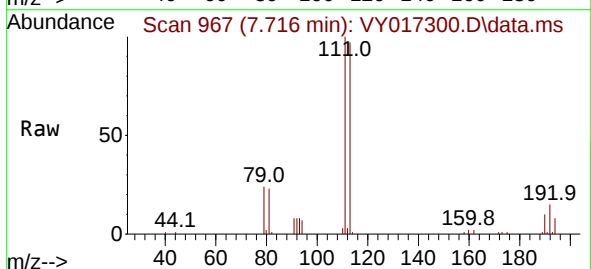
Tgt Ion:113 Resp: 38834

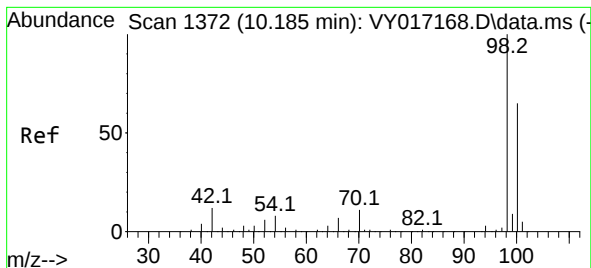
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.2 14.5 21.7





#50

Toluene-d8

Concen: 47.505 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017300.D

Acq: 07 Feb 2024 19:36

Instrument :

MSVOA_Y

ClientSampleId :

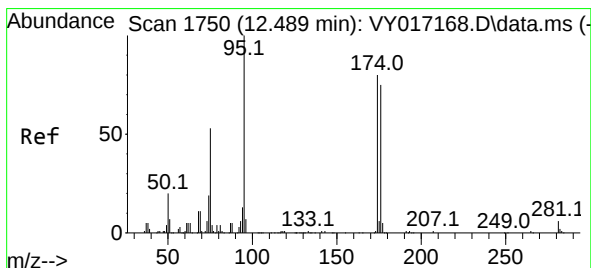
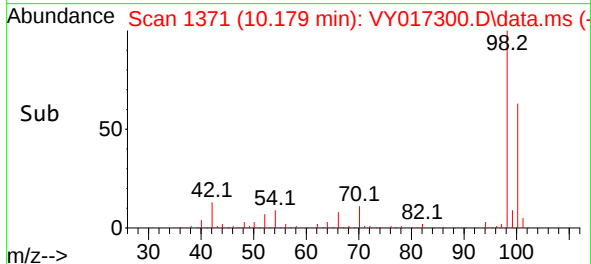
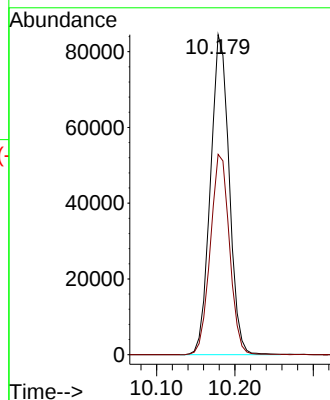
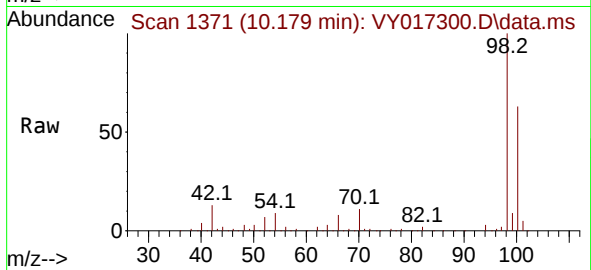
SP-4

Tgt Ion: 98 Resp: 140110

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.944 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017300.D

Acq: 07 Feb 2024 19:36

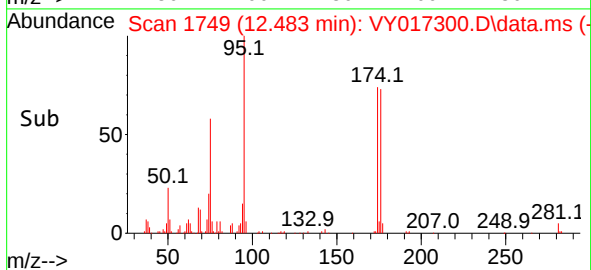
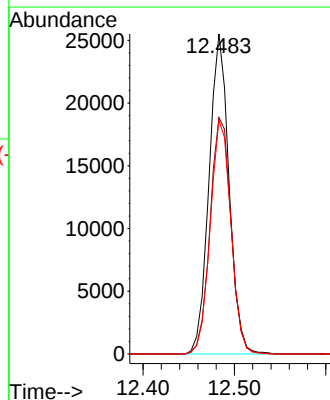
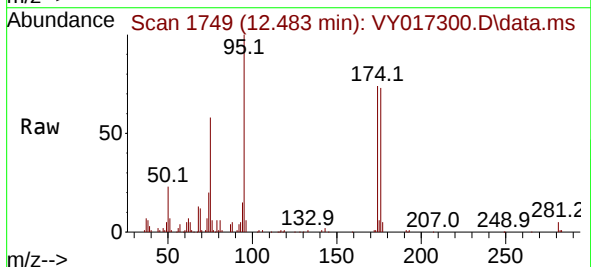
Tgt Ion: 95 Resp: 38592

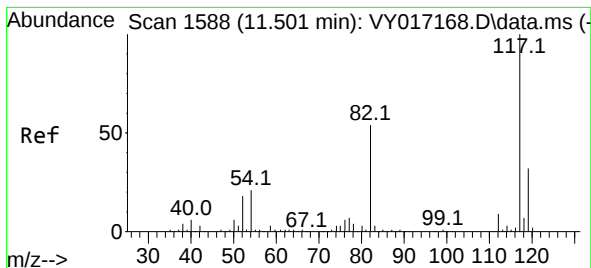
Ion Ratio Lower Upper

95 100

174 77.7 0.0 160.0

176 75.4 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: VY017300.D

Acq: 07 Feb 2024 19:36

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

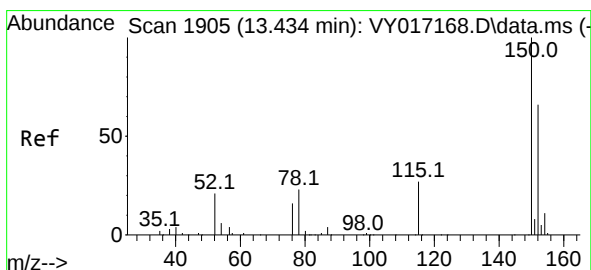
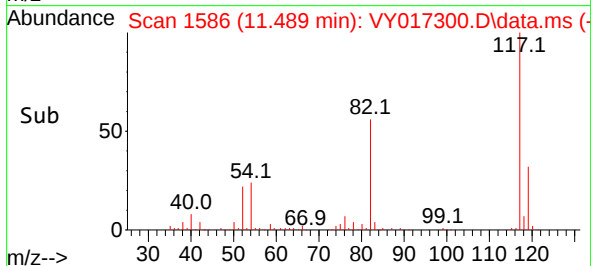
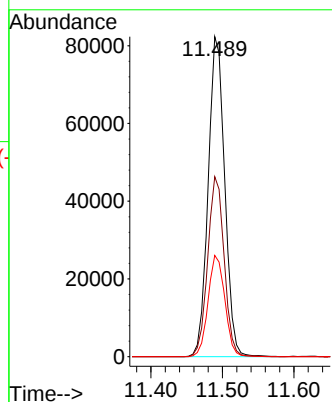
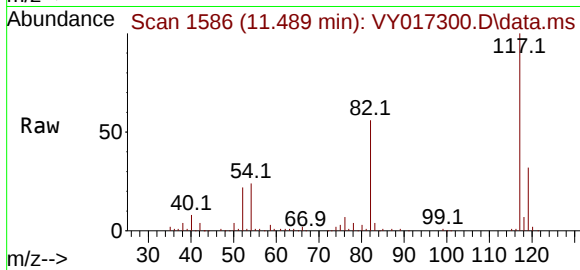
Tgt Ion:117 Resp: 132459

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 31.7 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: VY017300.D

Acq: 07 Feb 2024 19:36

Tgt Ion:152 Resp: 50085

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 159.4 0.0 344.6

