

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017299.D
 Acq On : 07 Feb 2024 19:12
 Operator : SY/MD
 Sample : P1391-21
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Feb 08 01:46:57 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	29197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	47760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35887	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	11113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10875	41.694	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.380%
35) Dibromofluoromethane	7.722	113	11725	45.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.940%
50) Toluene-d8	10.179	98	41954	44.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.483	95	9159	29.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.560%

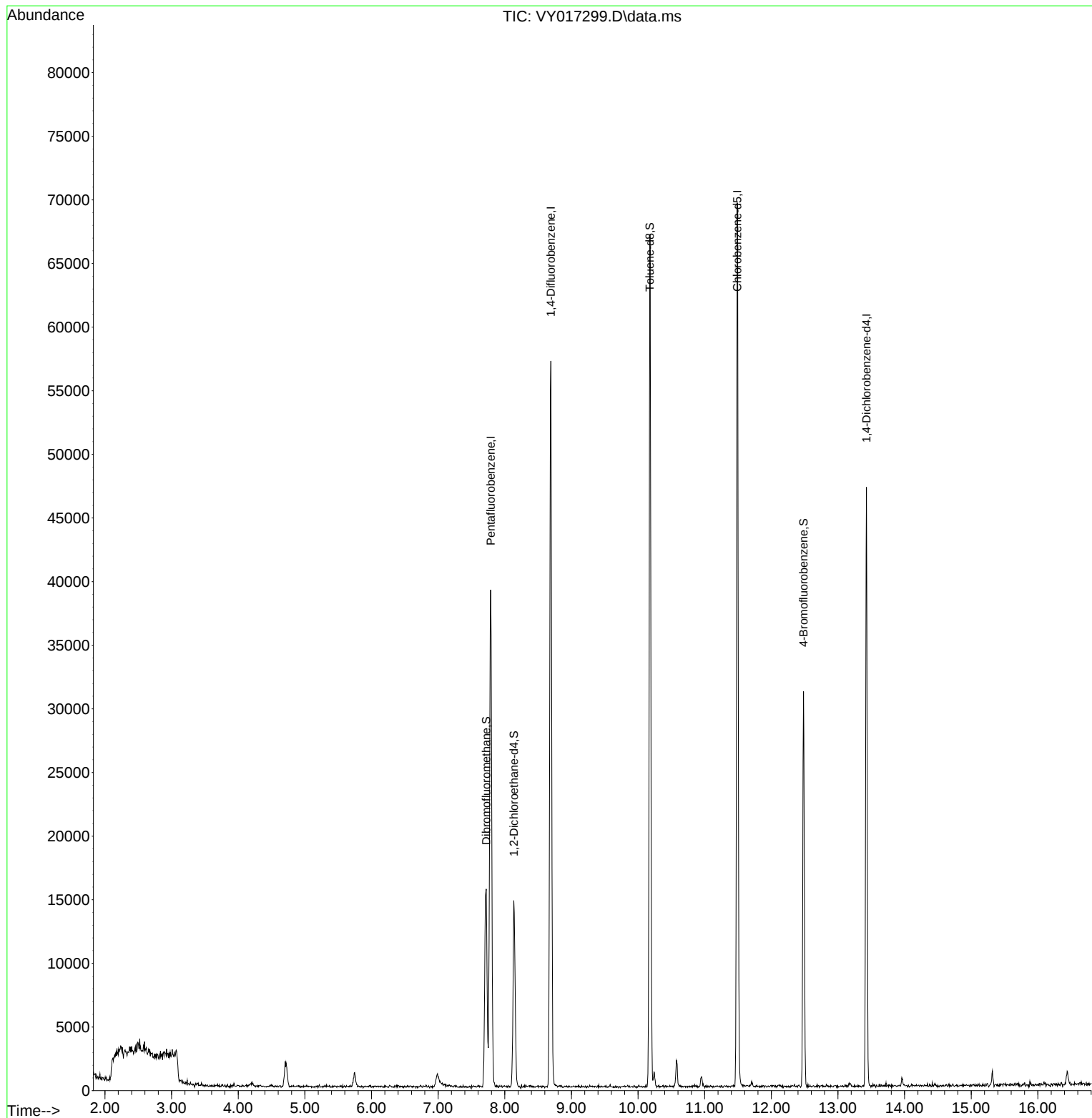
Target Compounds	Qvalue

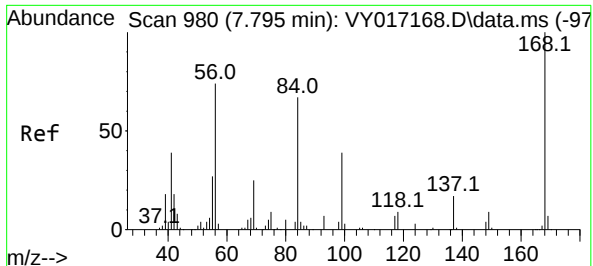
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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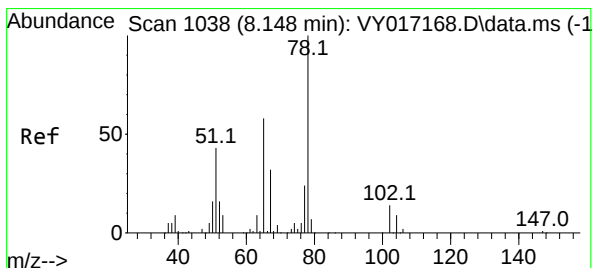
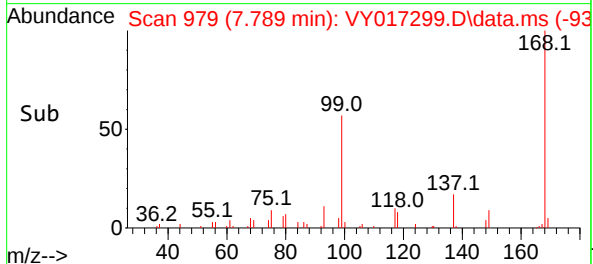
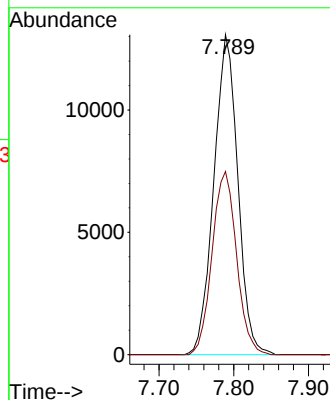
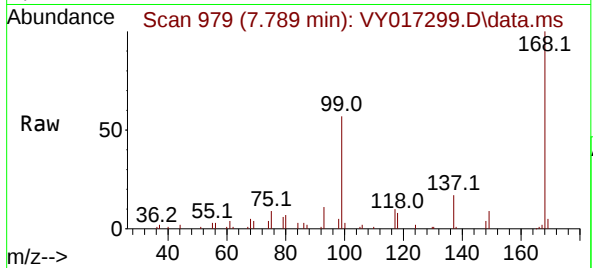




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017299.D
Acq: 07 Feb 2024 19:12

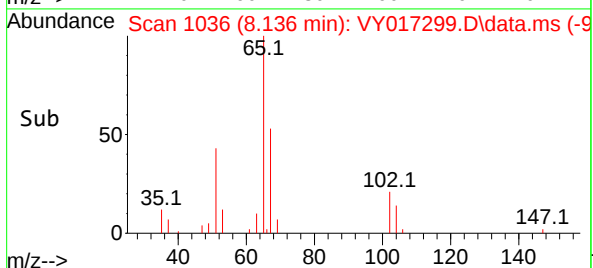
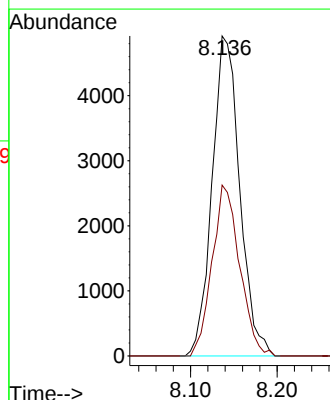
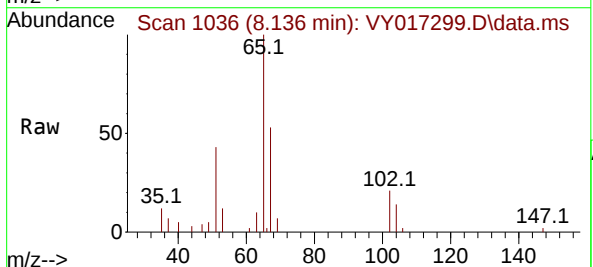
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

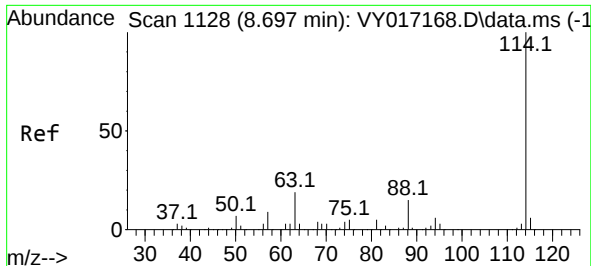
Tgt Ion:168 Resp: 29197
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 41.694 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017299.D
Acq: 07 Feb 2024 19:12

Tgt Ion: 65 Resp: 10875
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017299.D

Acq: 07 Feb 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

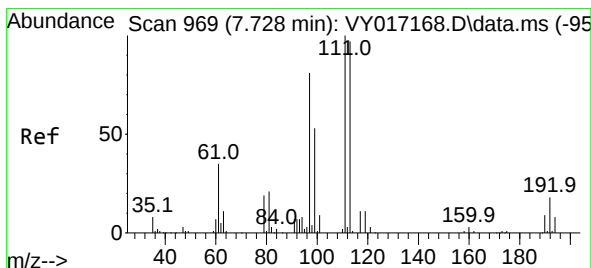
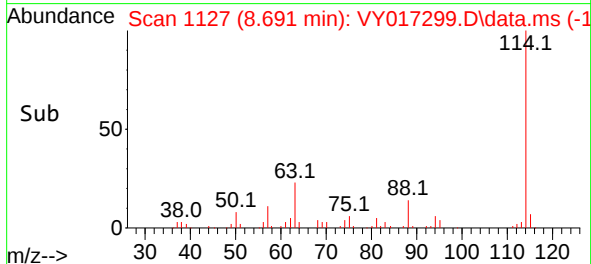
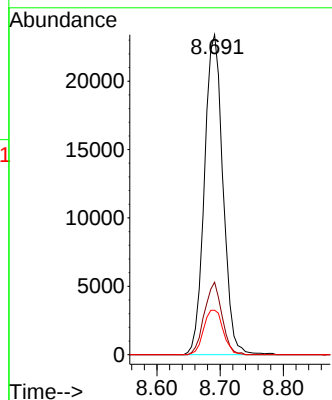
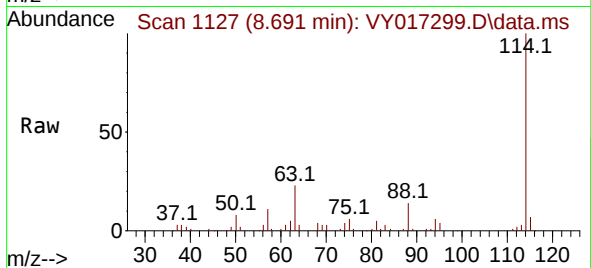
Tgt Ion:114 Resp: 47760

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.468 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017299.D

Acq: 07 Feb 2024 19:12

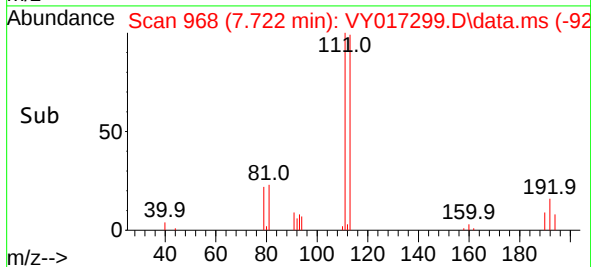
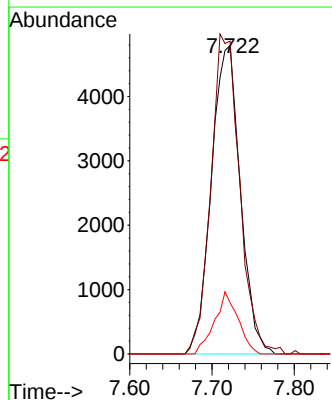
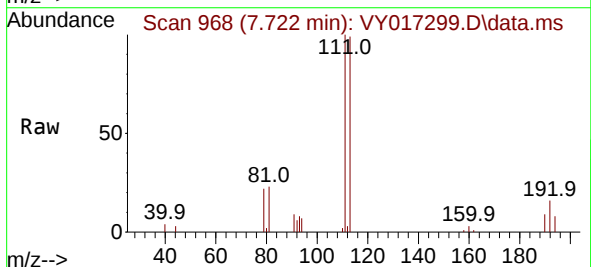
Tgt Ion:113 Resp: 11725

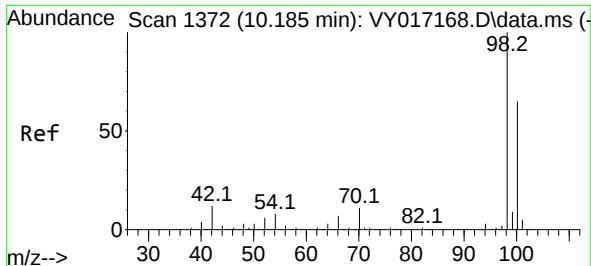
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 16.4 14.5 21.7

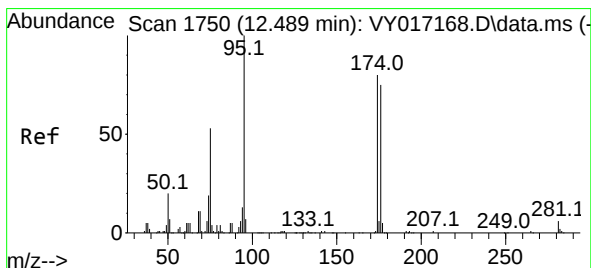
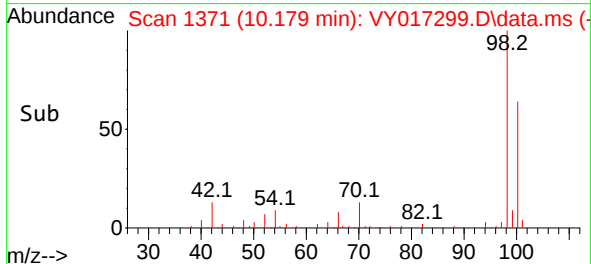
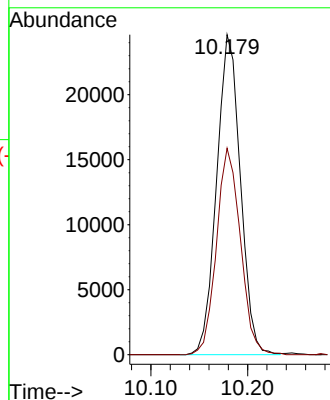
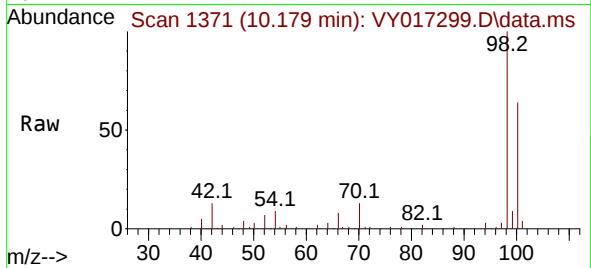




#50
Toluene-d8
Concen: 44.684 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017299.D
Acq: 07 Feb 2024 19:12

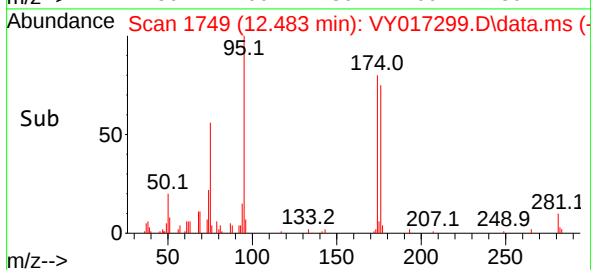
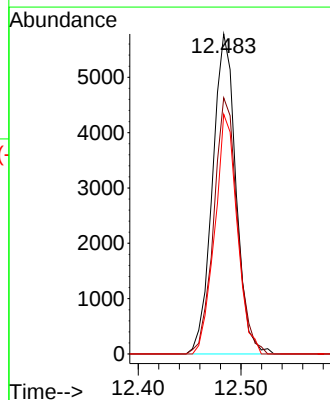
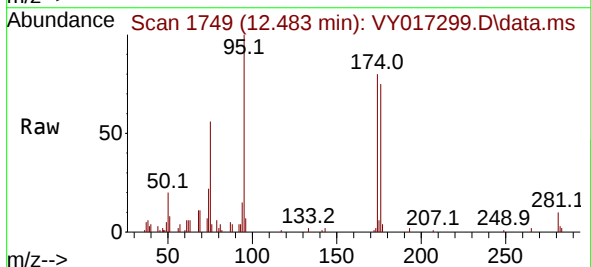
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

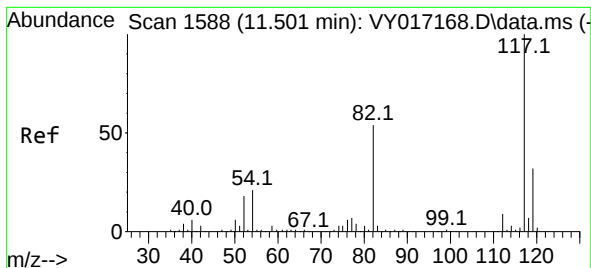
Tgt Ion: 98 Resp: 41954
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017299.D
Acq: 07 Feb 2024 19:12

Tgt Ion: 95 Resp: 9159
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 71.5 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: VY017299.D

Acq: 07 Feb 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

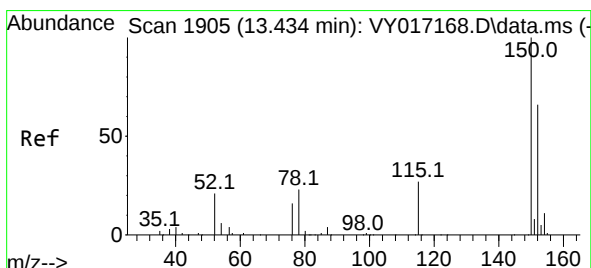
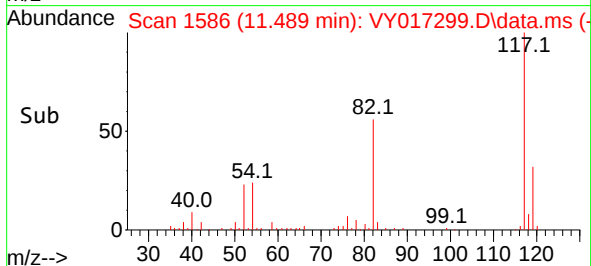
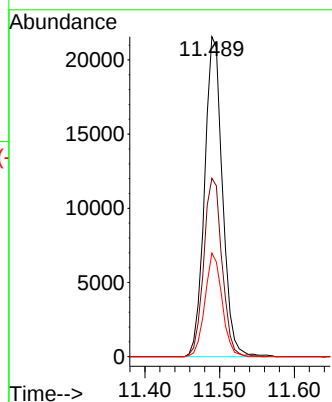
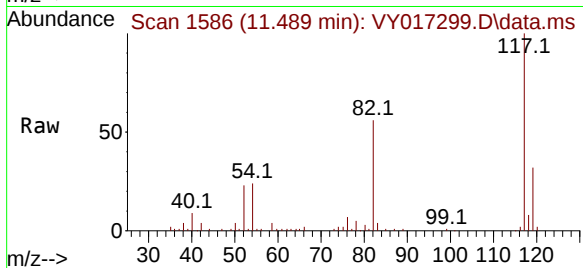
Tgt Ion:117 Resp: 35887

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.4 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: VY017299.D

Acq: 07 Feb 2024 19:12

Tgt Ion:152 Resp: 11113

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 156.7 0.0 344.6

