

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017676.D
 Acq On : 15 Mar 2024 16:34
 Operator : SY/MD
 Sample : P1746-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 16 00:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	71031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	118541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32025	47.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.716	113	39915	48.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.179	98	134504	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.483	95	32100	35.366	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.740%

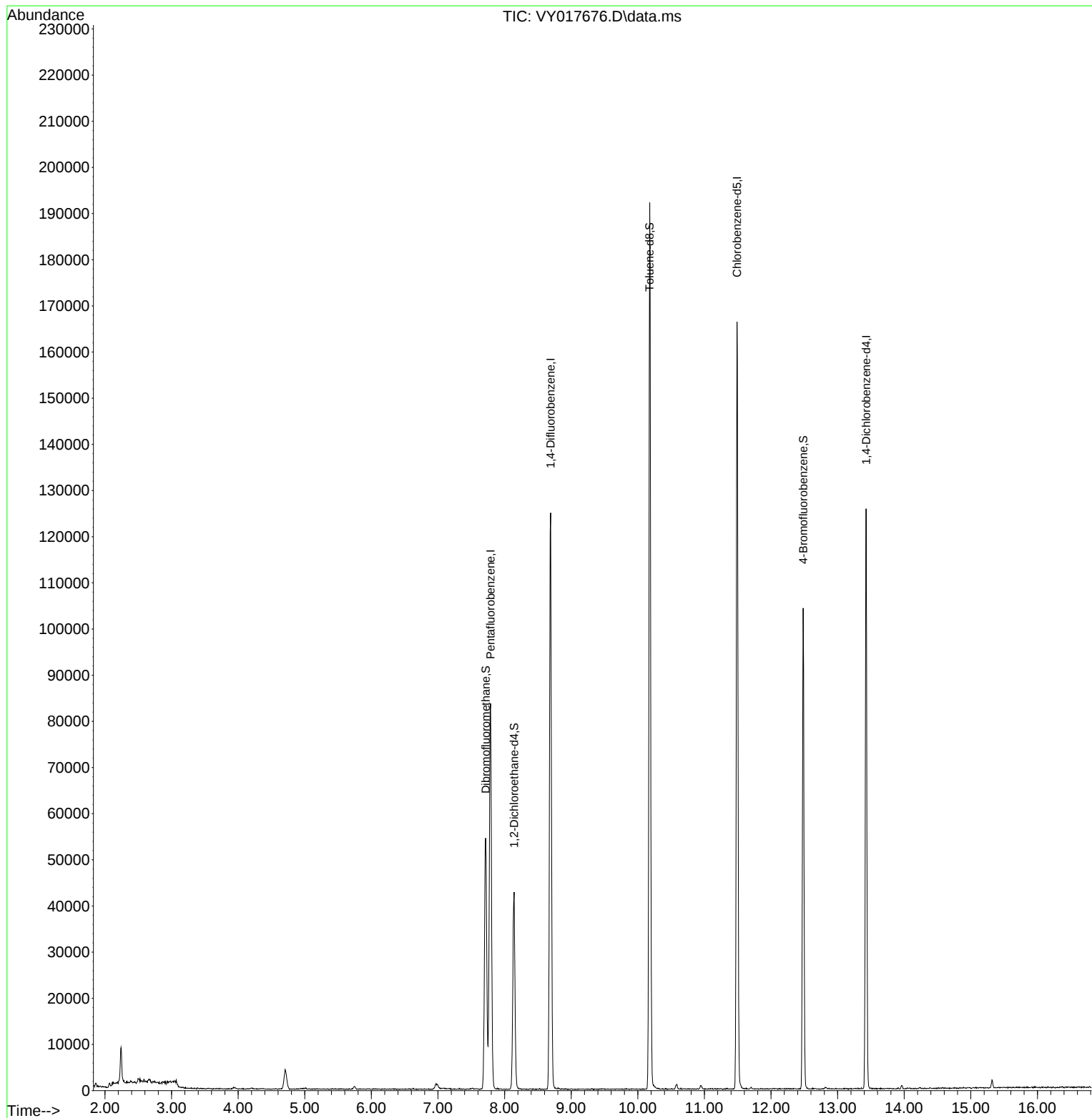
Target Compounds Qvalue

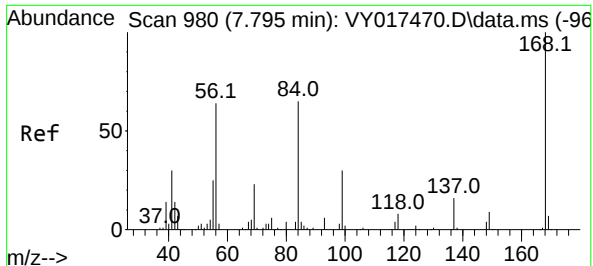
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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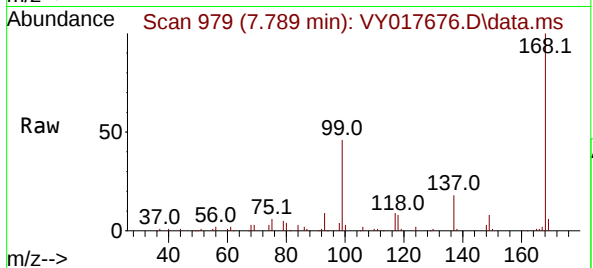
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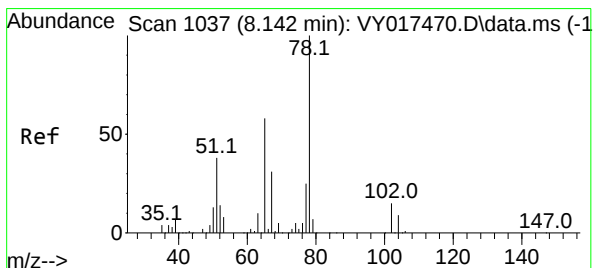
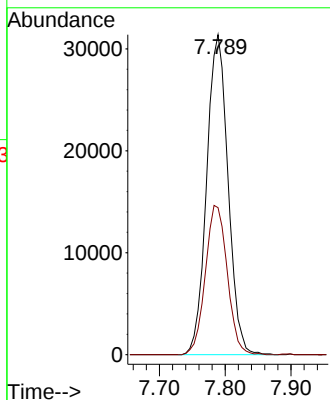
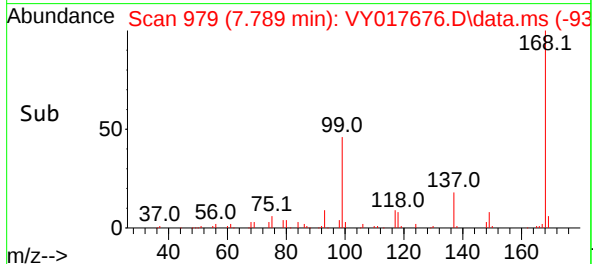


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.0-4.0

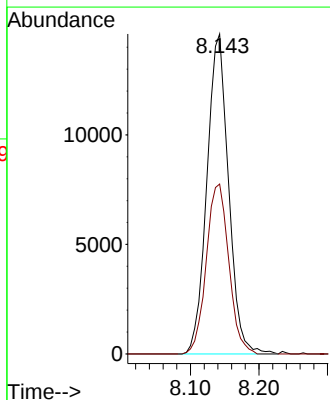
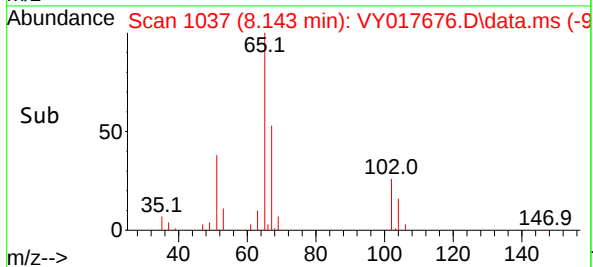
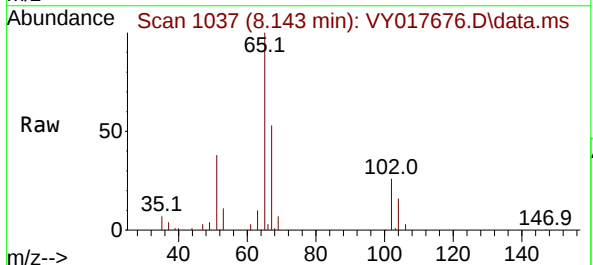


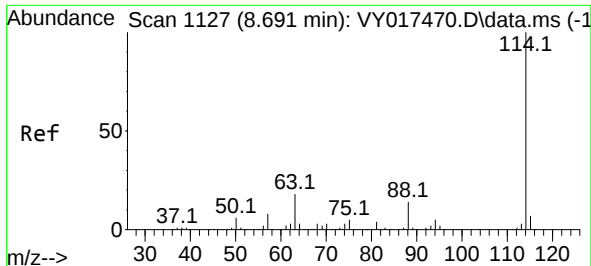
Tgt Ion:168 Resp: 71031
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.573 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion: 65 Resp: 32025
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.0-4.0

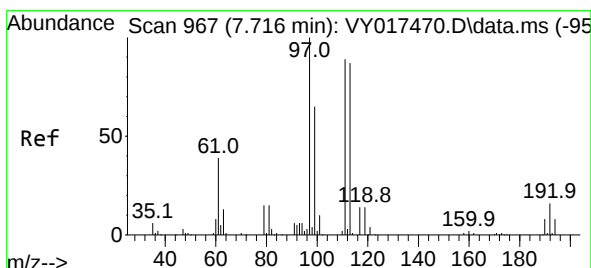
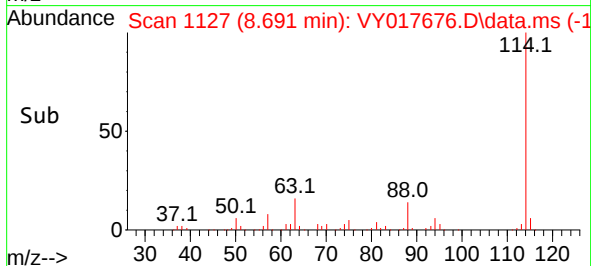
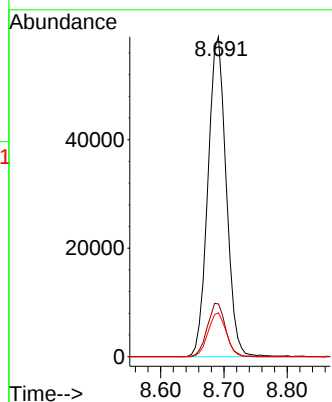
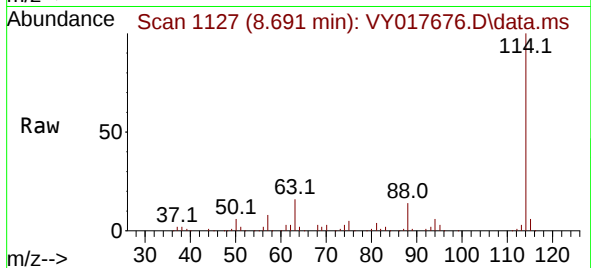
Tgt Ion:114 Resp: 118541

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.321 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

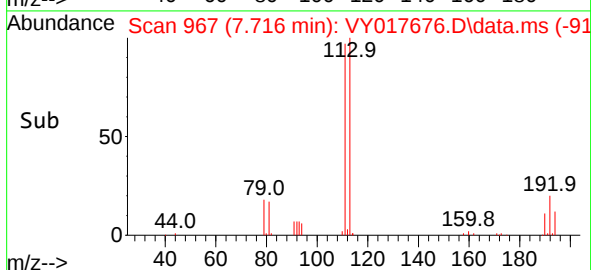
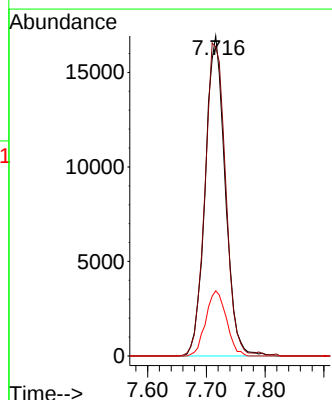
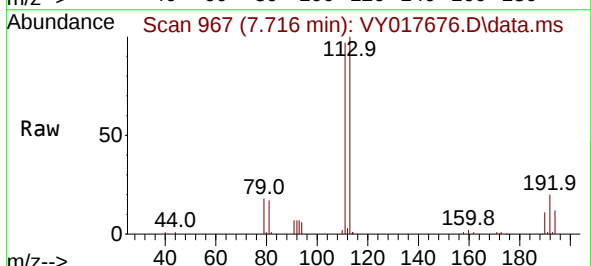
Tgt Ion:113 Resp: 39915

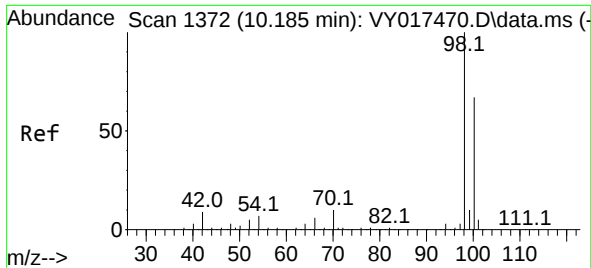
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 21.0 15.9 23.9

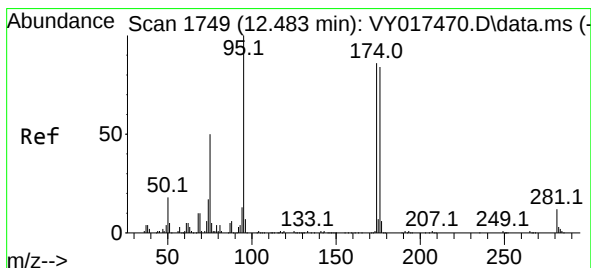
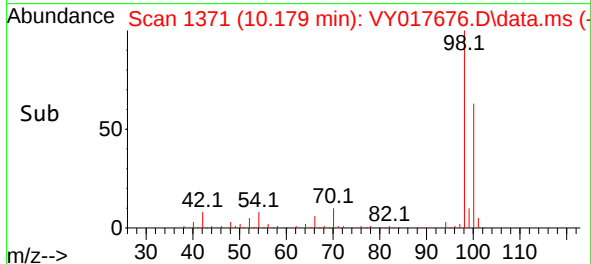
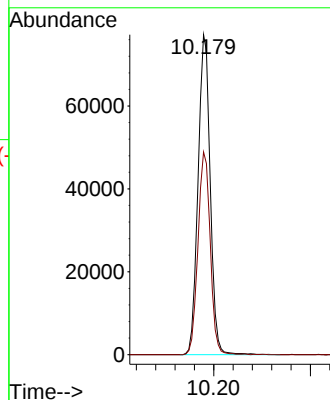
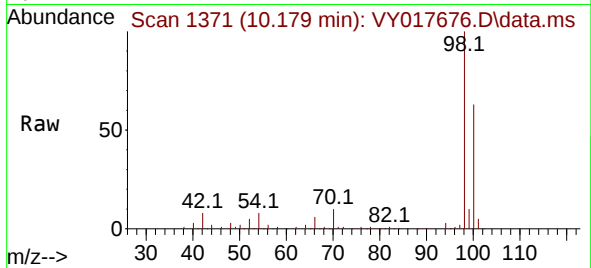




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

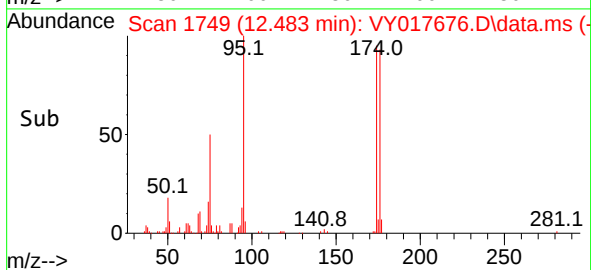
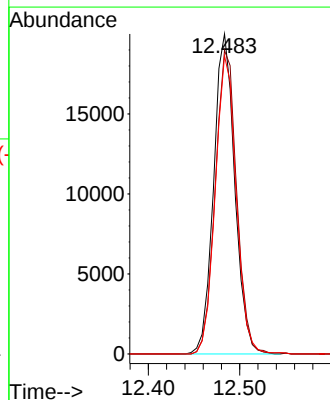
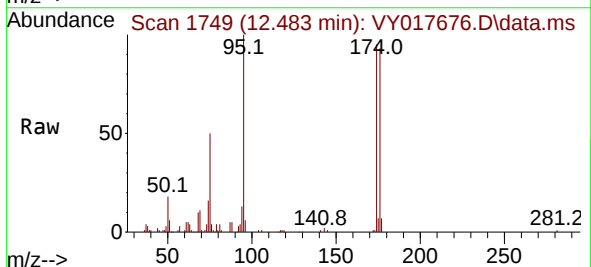
Instrument :
MSVOA_Y
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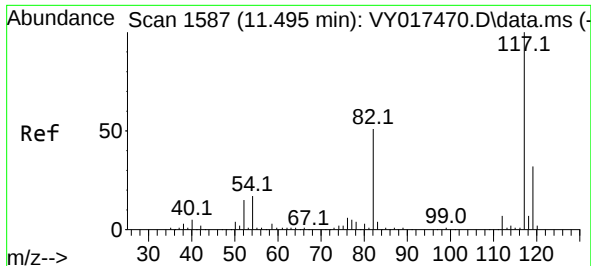
Tgt Ion: 98 Resp: 134504
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017676.D
Acq: 15 Mar 2024 16:34

Tgt Ion: 95 Resp: 32100
Ion Ratio Lower Upper
95 100
174 96.3 0.0 175.6
176 92.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.0-4.0

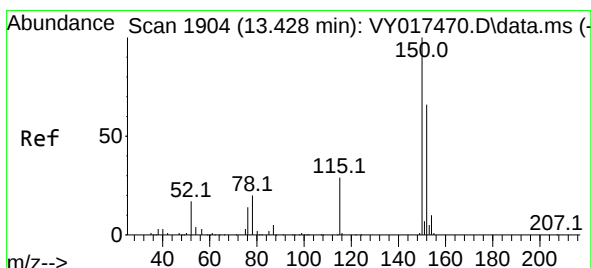
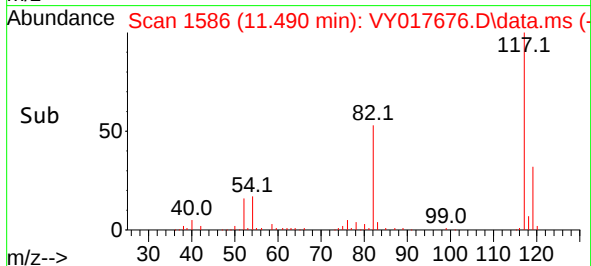
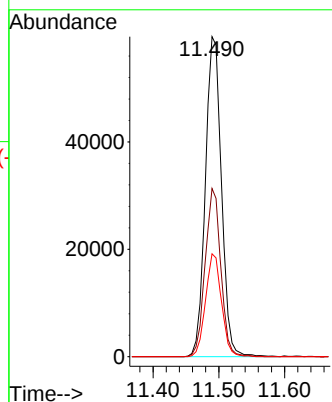
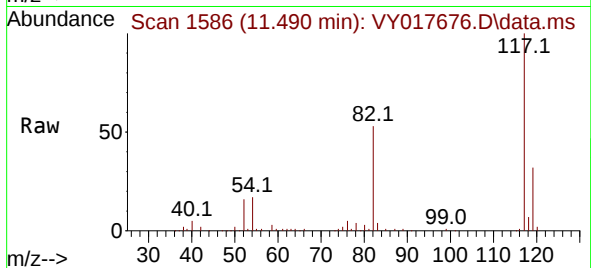
Tgt Ion:117 Resp: 101340

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017676.D

Acq: 15 Mar 2024 16:34

Tgt Ion:152 Resp: 35035

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 156.0 0.0 345.6

