

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017322.D
 Acq On : 08 Feb 2024 18:58
 Operator : SY/MD
 Sample : P1394-04
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(5-6)

Quant Time: Feb 09 00:16:11 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	10846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	10584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3478	35.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.800%
35) Dibromofluoromethane	7.722	113	4173	49.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.185	98	13672	44.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.495	95	2341	23.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.740%

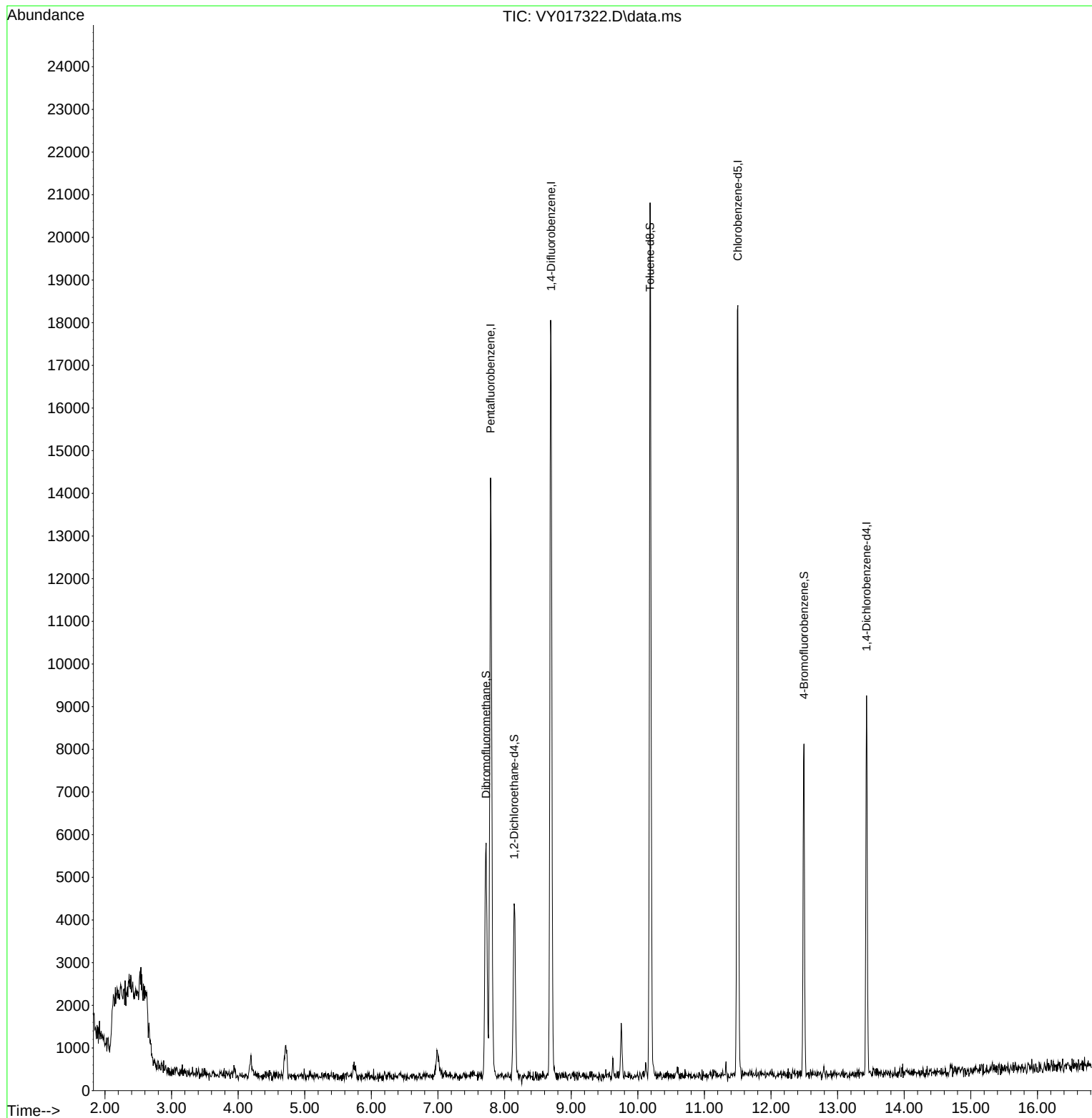
Target Compounds	Qvalue

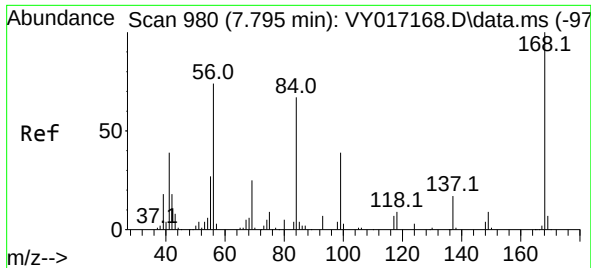
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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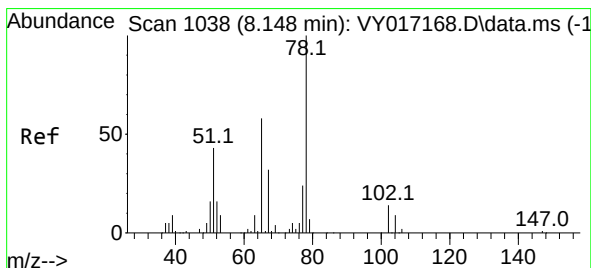
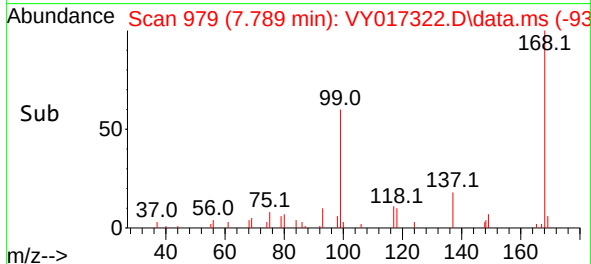
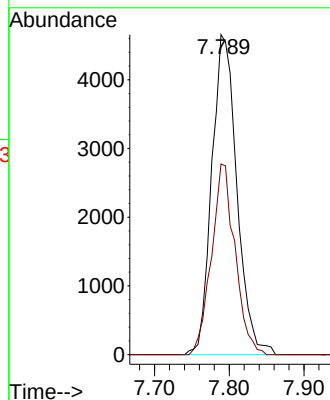
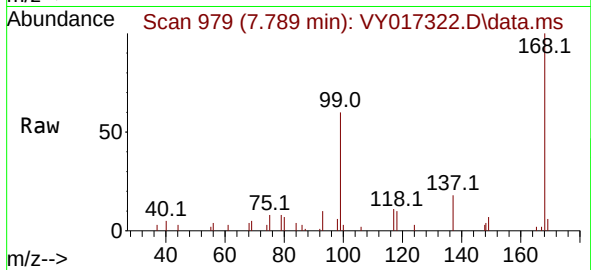




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

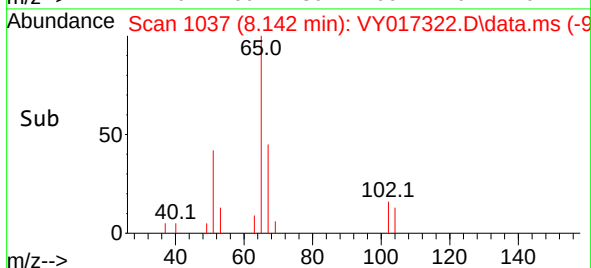
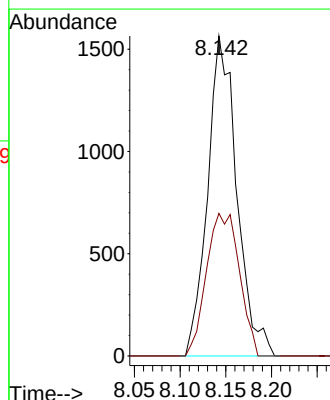
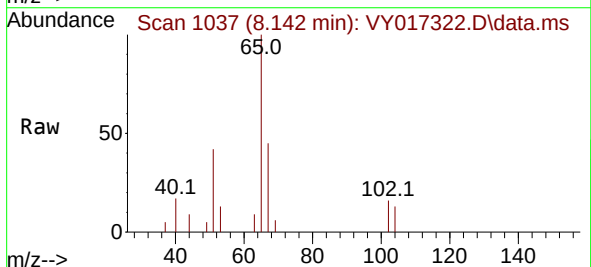
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(5-6)

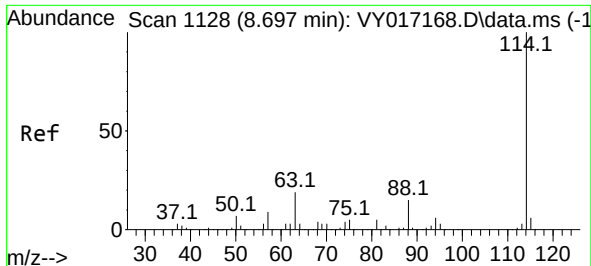
Tgt Ion:168 Resp: 10846
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 35.896 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 65 Resp: 3478
Ion Ratio Lower Upper
65 100
67 50.3 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: VY017322.D

Acq: 08 Feb 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-4(5-6)

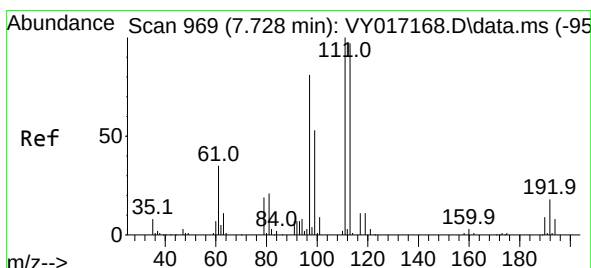
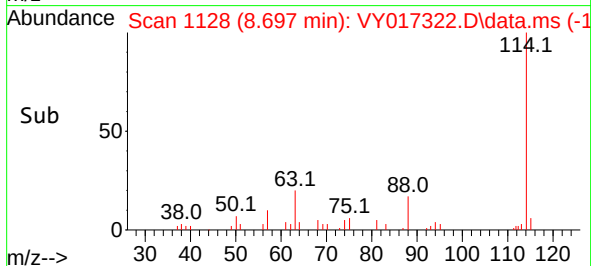
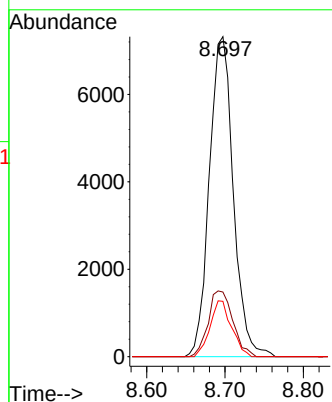
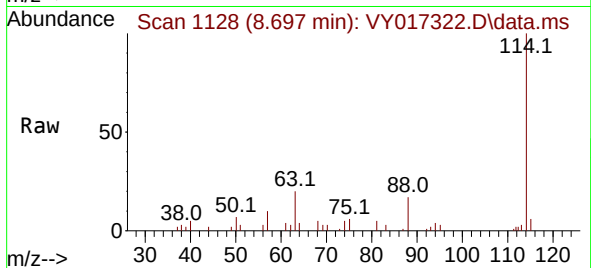
Tgt Ion:114 Resp: 15555

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 17.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.686 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017322.D

Acq: 08 Feb 2024 18:58

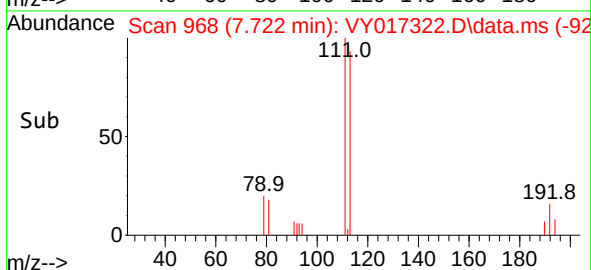
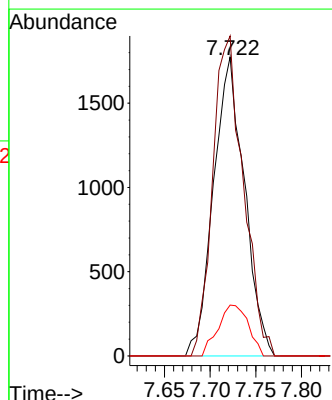
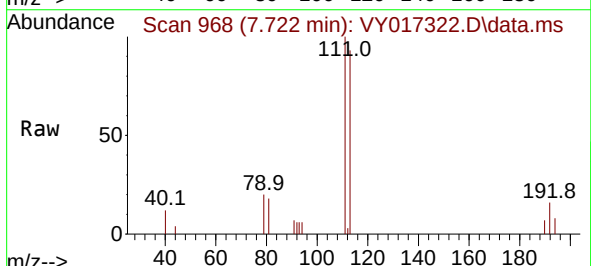
Tgt Ion:113 Resp: 4173

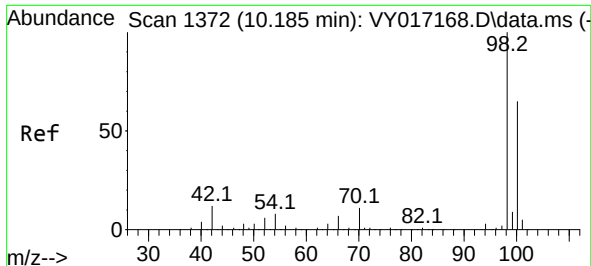
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 16.6 14.5 21.7

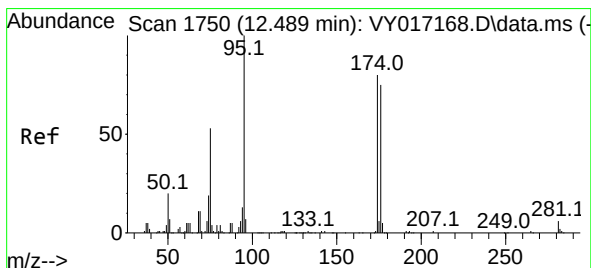
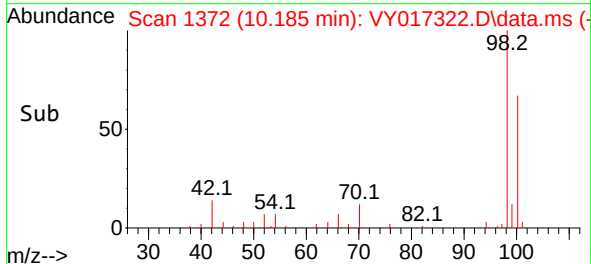
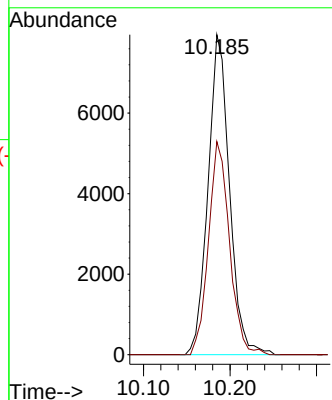
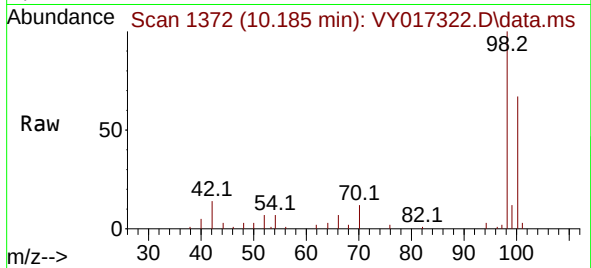




#50
Toluene-d8
Concen: 44.710 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

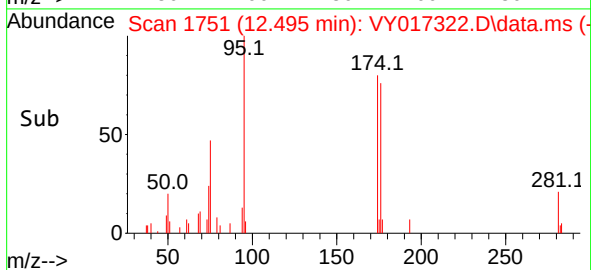
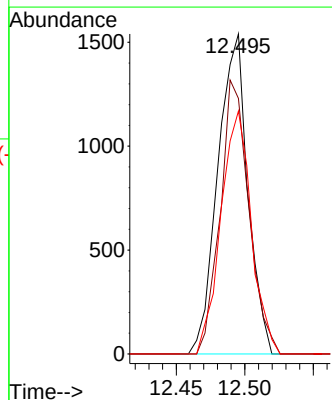
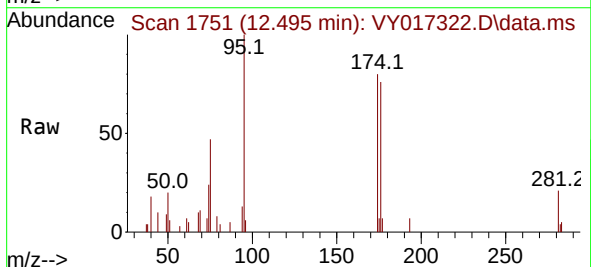
Instrument :
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ClientSampleId :
SB-4(5-6)

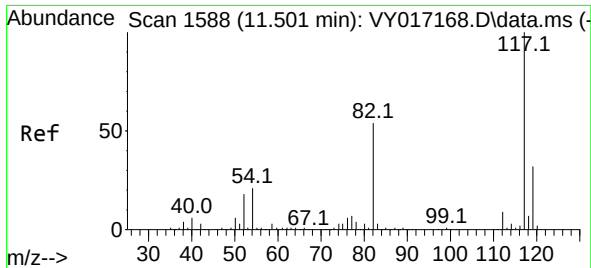
Tgt Ion: 98 Resp: 13672
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 23.370 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 95 Resp: 2341
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.0
176 77.1 0.0 151.8

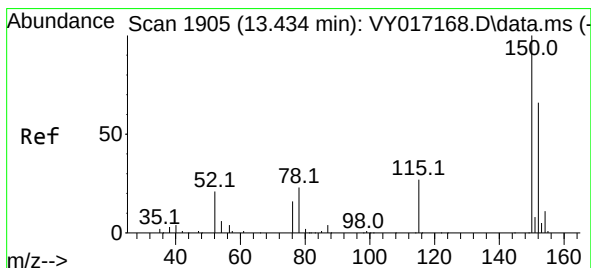
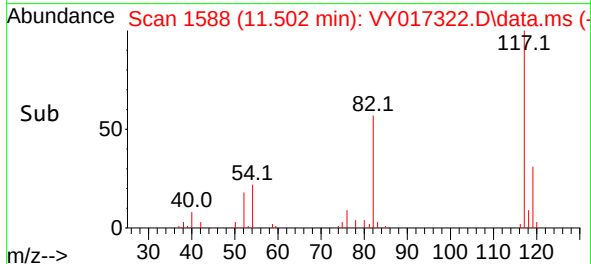
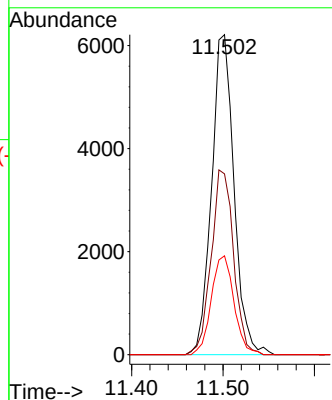
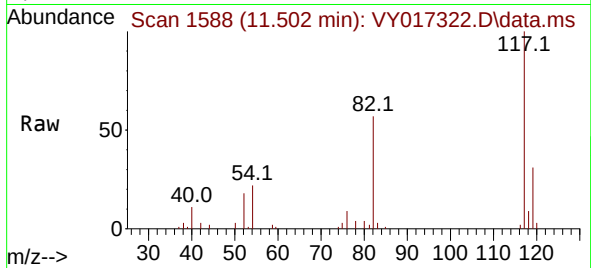




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(5-6)

Tgt Ion:117 Resp: 10584
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 30.9 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: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion:152 Resp: 2577
Ion Ratio Lower Upper
152 100
115 56.5 30.0 90.0
150 145.6 0.0 344.6

