

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017254.D
 Acq On : 06 Feb 2024 10:51
 Operator : SY/MD
 Sample : VY0206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBL01

Quant Time: Feb 07 00:05:43 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	7.807	168	76909	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	143363	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	130424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	48060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46097	67.093	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.180%
35) Dibromofluoromethane	7.734	113	49535	63.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.980%
50) Toluene-d8	10.197	98	169018	59.971	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.940%
62) 4-Bromofluorobenzene	12.495	95	47300	51.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.460%

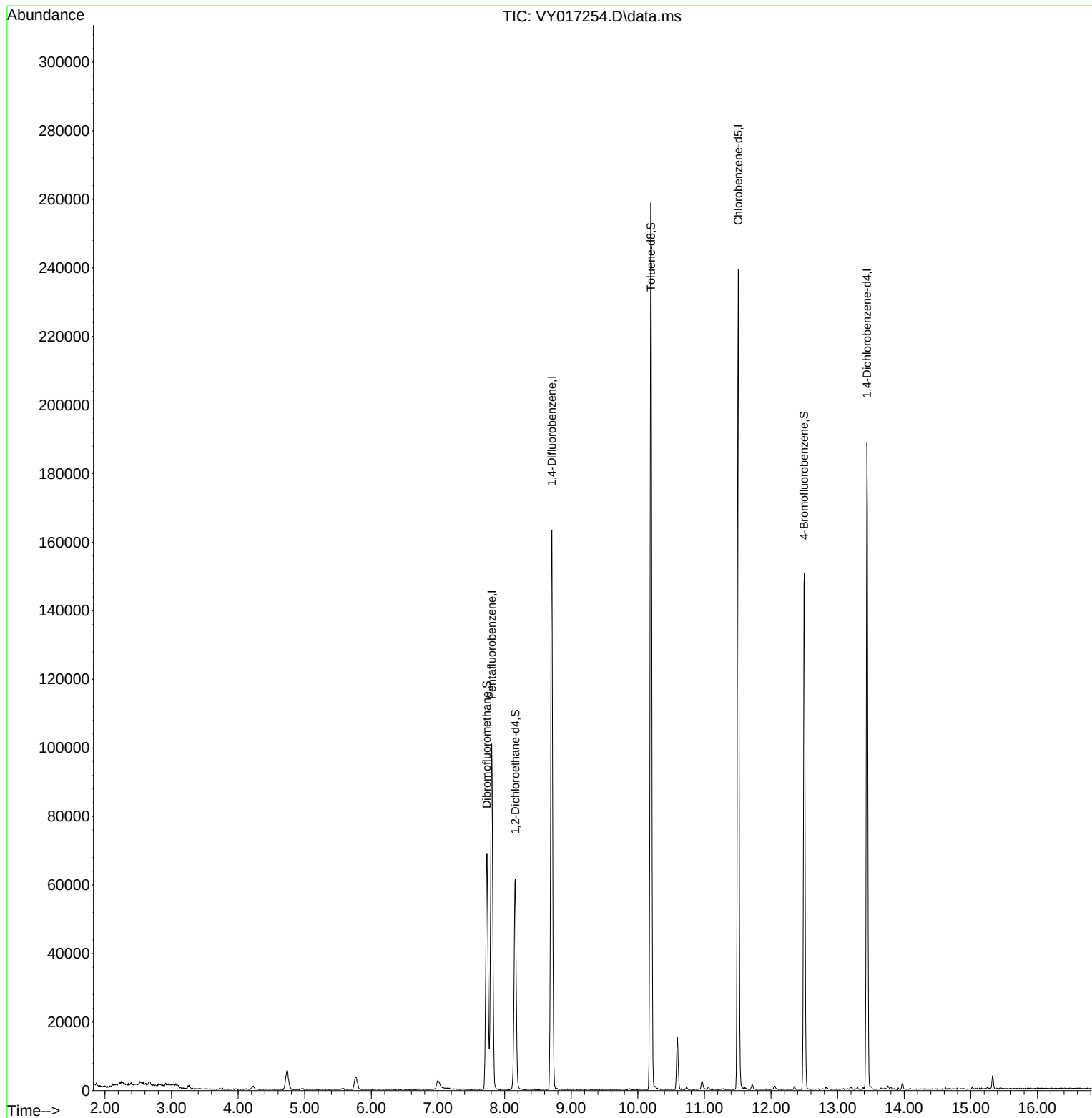
Target Compounds	Qvalue

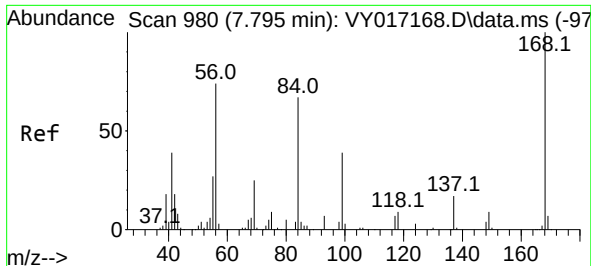
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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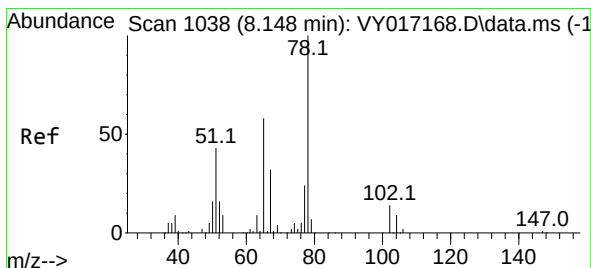
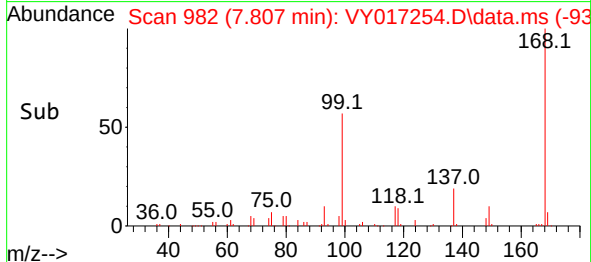
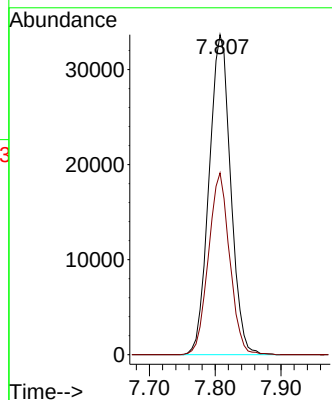
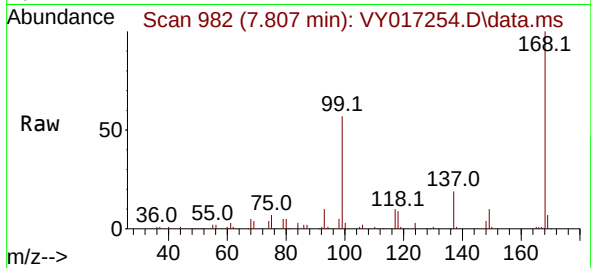




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

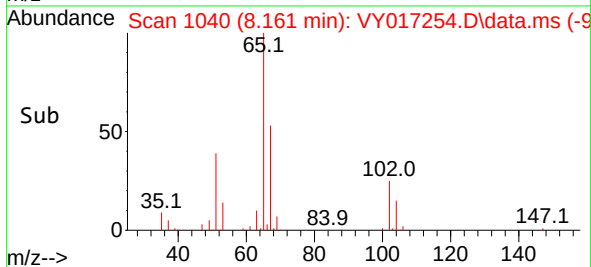
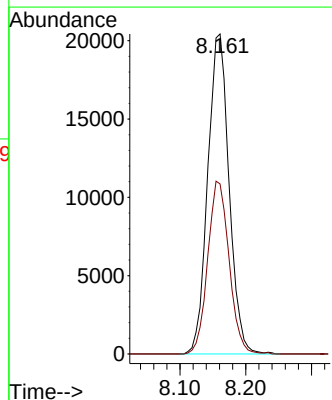
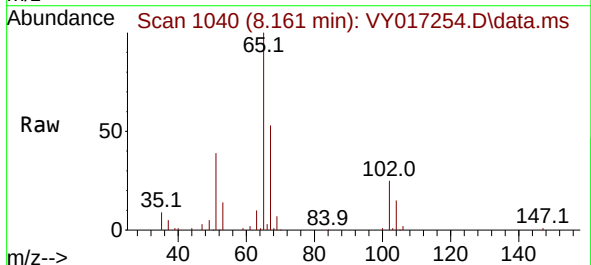
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

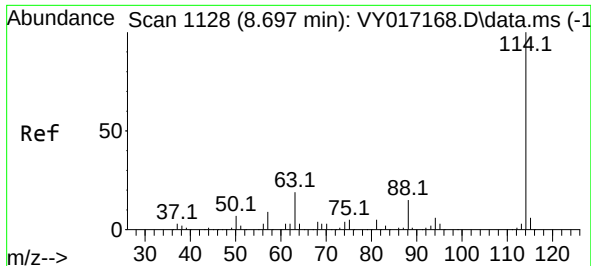
Tgt Ion:168 Resp: 76909
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 67.093 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 65 Resp: 46097
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBL01

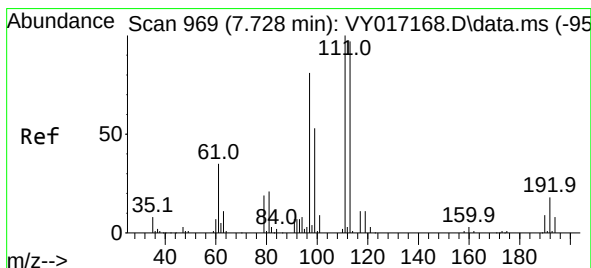
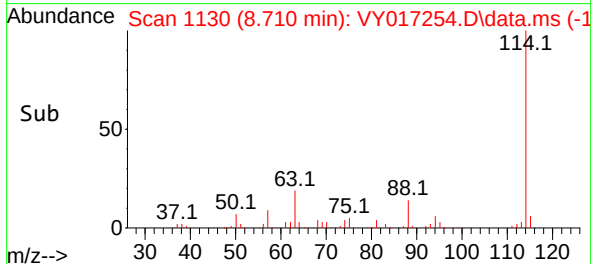
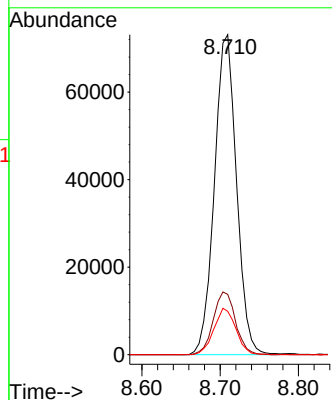
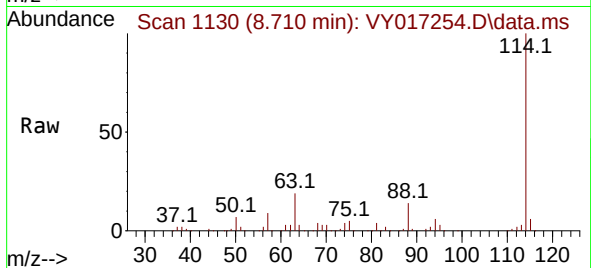
Tgt Ion:114 Resp: 143363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 13.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 63.993 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017254.D

Acq: 06 Feb 2024 10:51

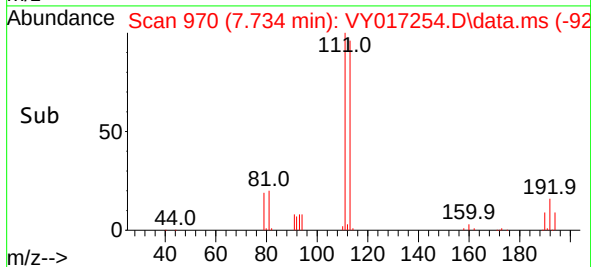
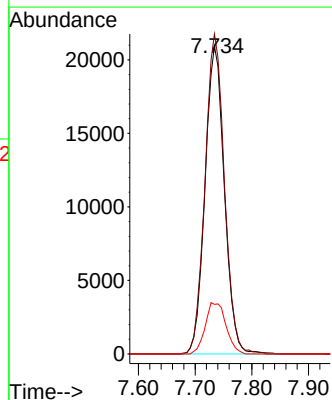
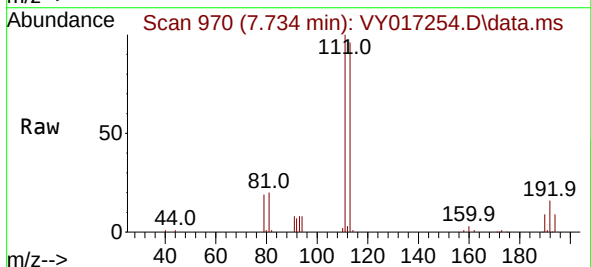
Tgt Ion:113 Resp: 49535

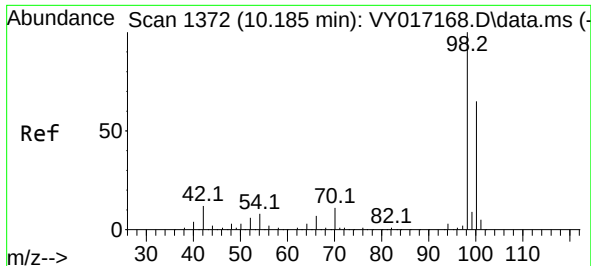
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.9 14.5 21.7

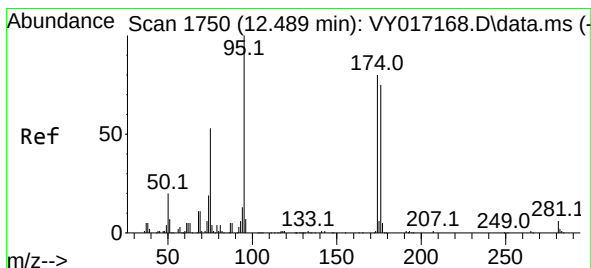
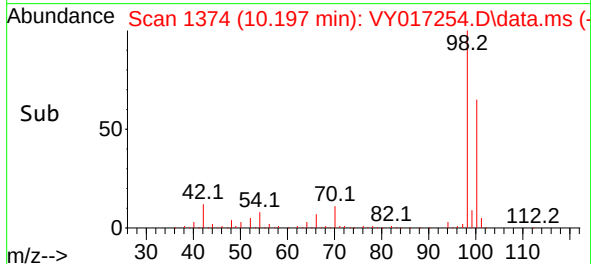
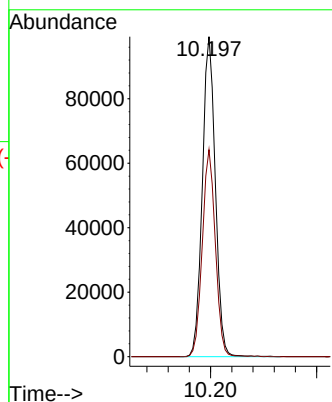
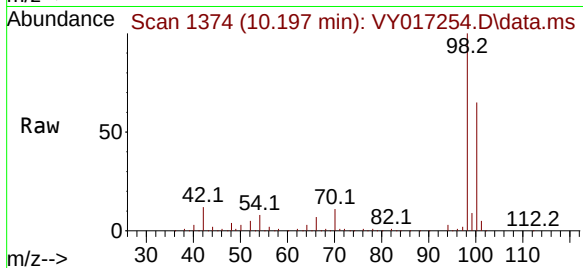




#50
Toluene-d8
Concen: 59.971 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

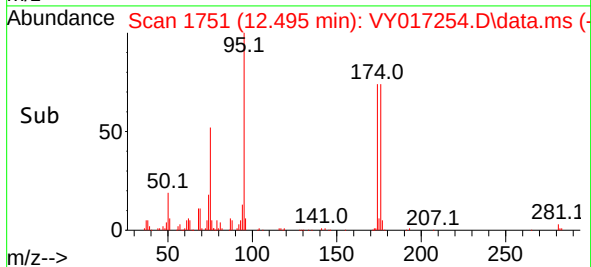
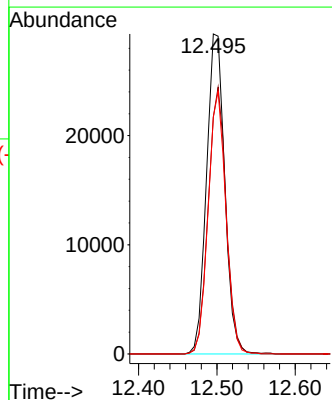
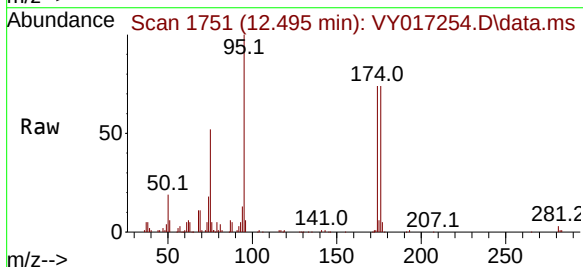
Instrument :
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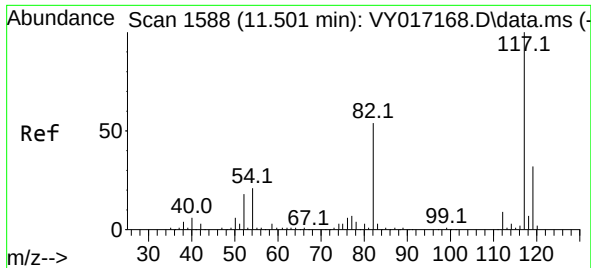
Tgt Ion: 98 Resp: 169018
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.233 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion: 95 Resp: 47300
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 79.6 0.0 151.8

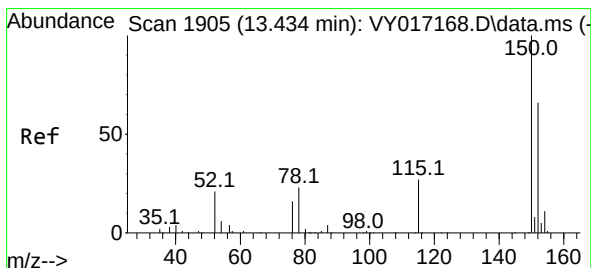
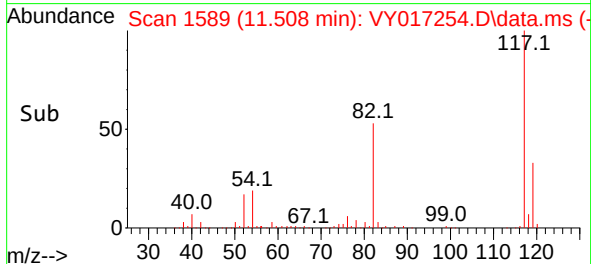
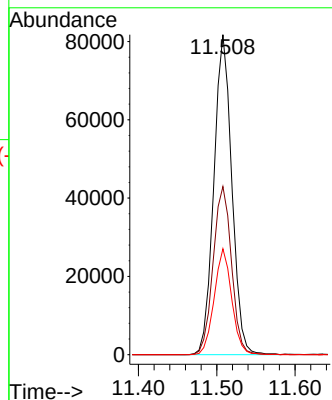
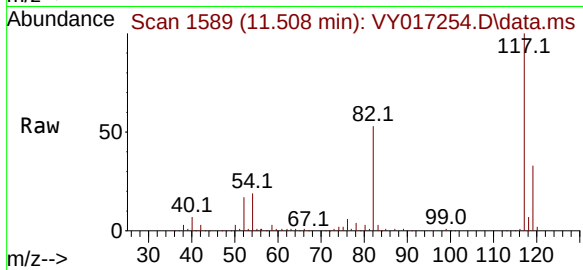




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

Tgt Ion:117 Resp: 130424
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 33.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017254.D
Acq: 06 Feb 2024 10:51

Tgt Ion:152 Resp: 48060
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 157.6 0.0 344.6

