

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018064.D
 Acq On : 26 Apr 2024 15:53
 Operator : SY/MD
 Sample : P2274-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209RE

Quant Time: Apr 27 01:09:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	36232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	23792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7069	22.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.100%#
35) Dibromofluoromethane	7.722	113	12058	44.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.185	98	43069	42.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.660%
62) 4-Bromofluorobenzene	12.489	95	5245	16.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.280%

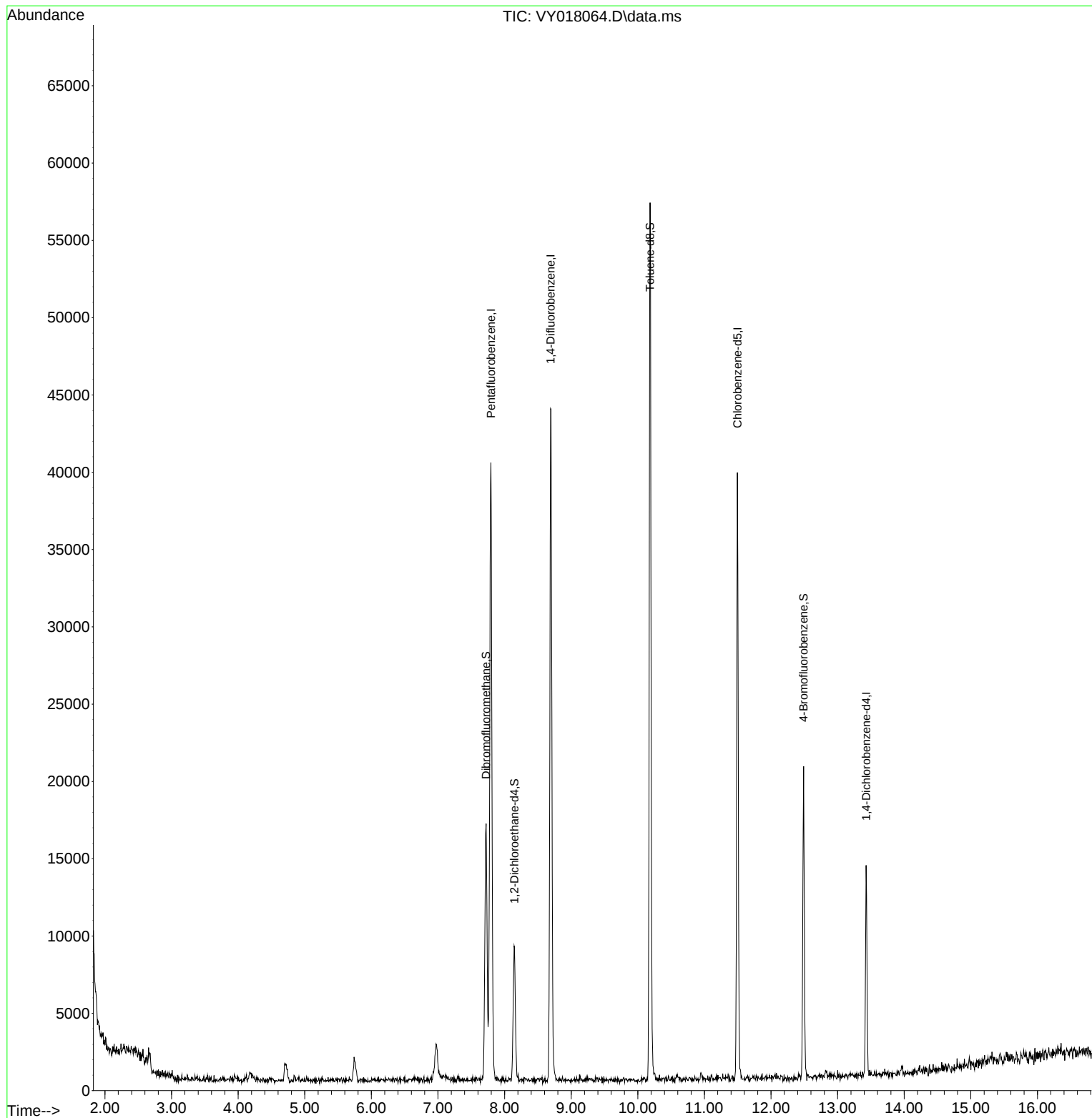
Target Compounds	Qvalue

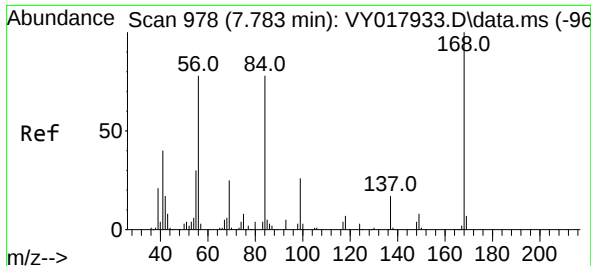
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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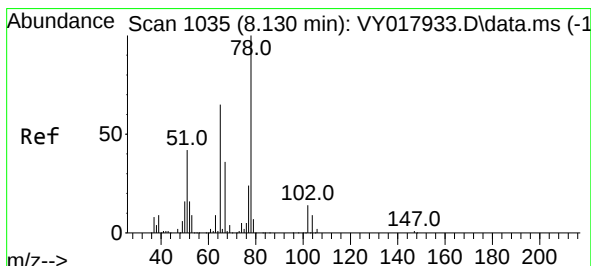
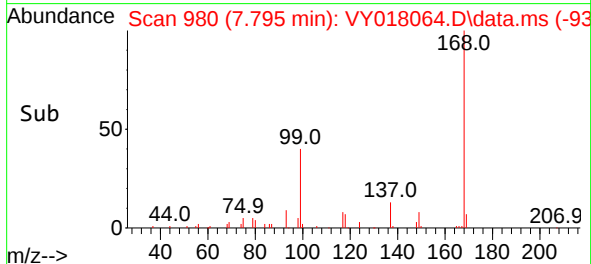
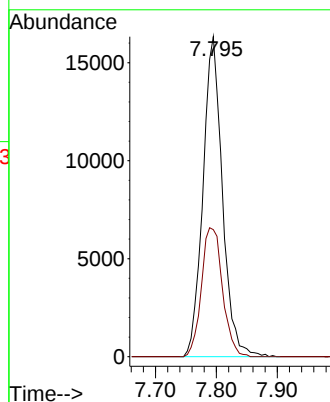
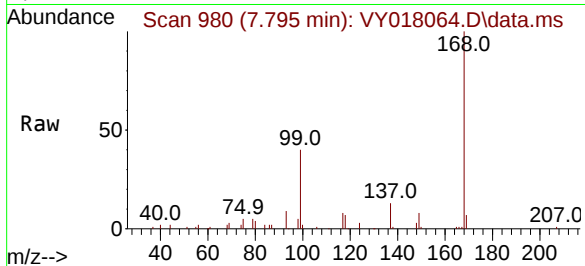




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018064.D
Acq: 26 Apr 2024 15:53

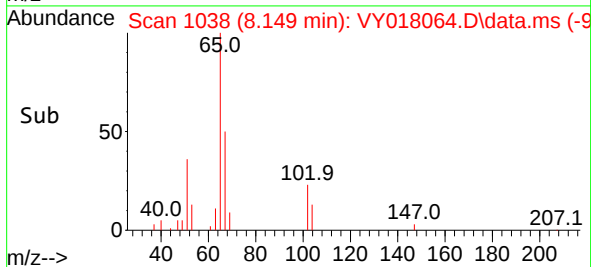
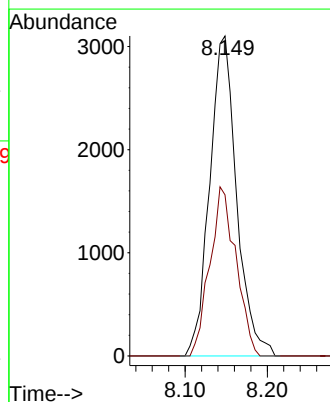
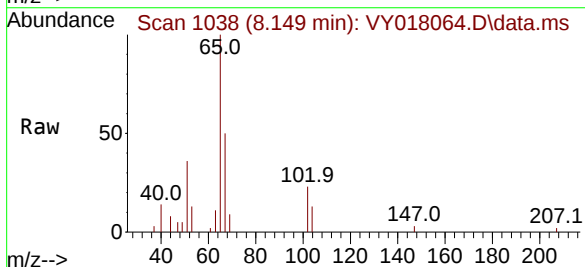
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209RE

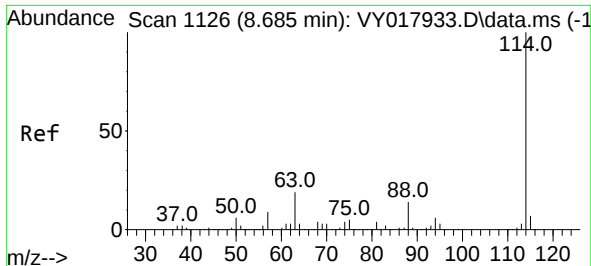
Tgt Ion:168 Resp: 36232
Ion Ratio Lower Upper
168 100
99 39.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 22.546 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018064.D
Acq: 26 Apr 2024 15:53

Tgt Ion: 65 Resp: 7069
Ion Ratio Lower Upper
65 100
67 51.3 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: VY018064.D

Acq: 26 Apr 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209RE

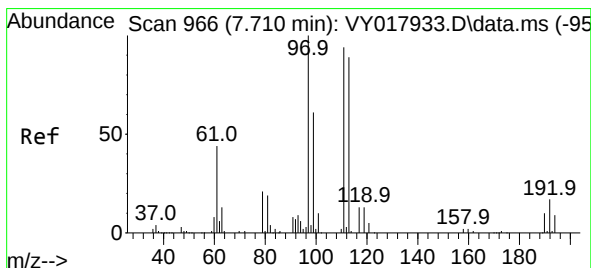
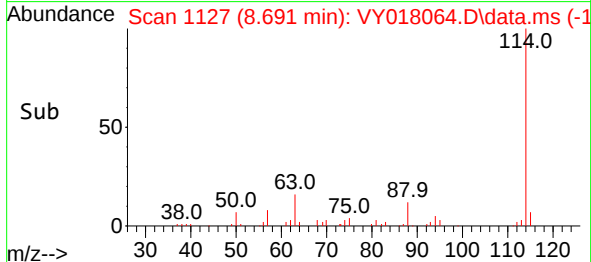
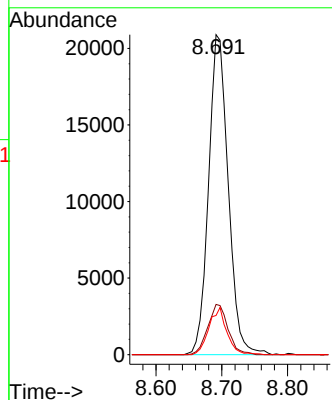
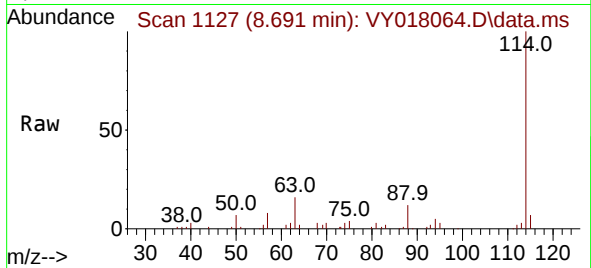
Tgt Ion:114 Resp: 43463

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.969 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018064.D

Acq: 26 Apr 2024 15:53

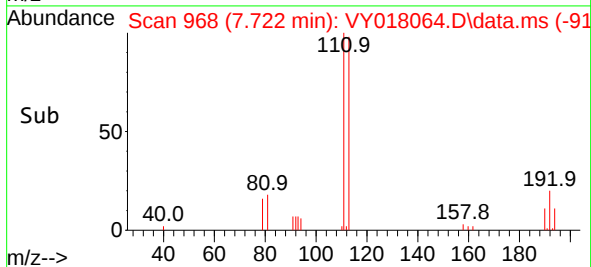
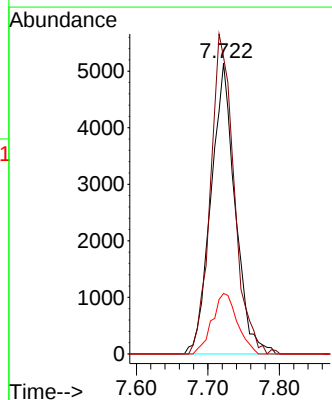
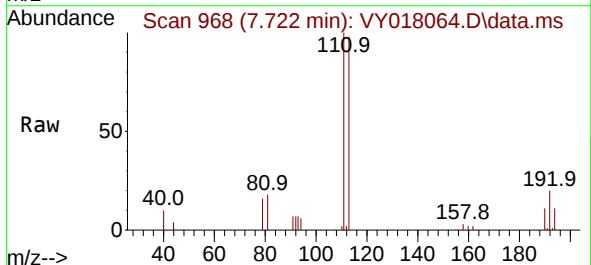
Tgt Ion:113 Resp: 12058

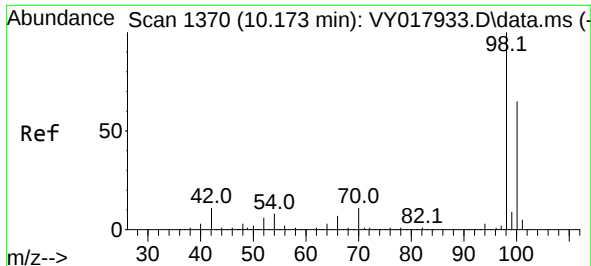
Ion Ratio Lower Upper

113 100

111 107.7 82.2 123.4

192 21.6 15.9 23.9

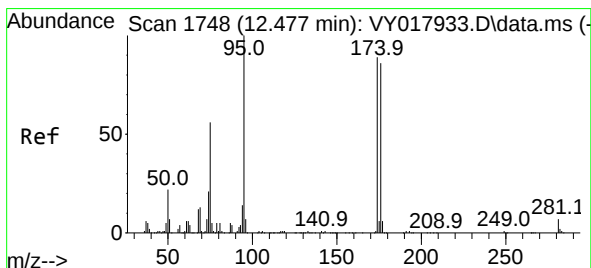
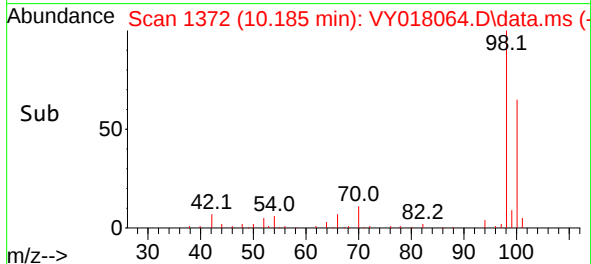
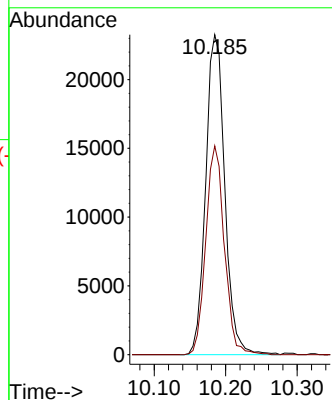
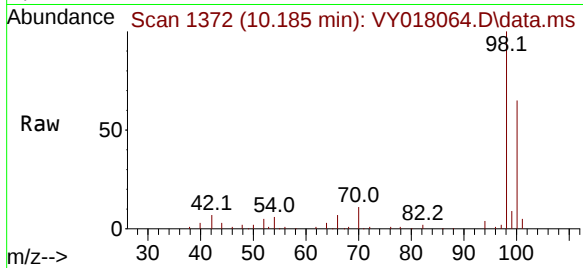




#50
Toluene-d8
Concen: 42.330 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018064.D
Acq: 26 Apr 2024 15:53

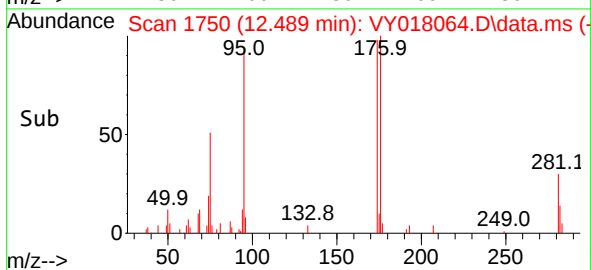
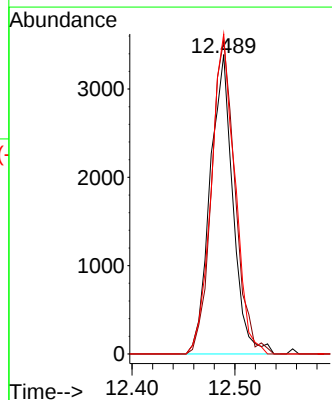
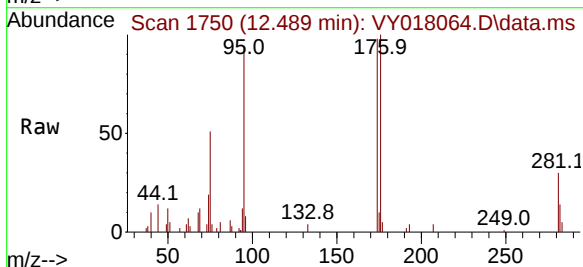
Instrument :
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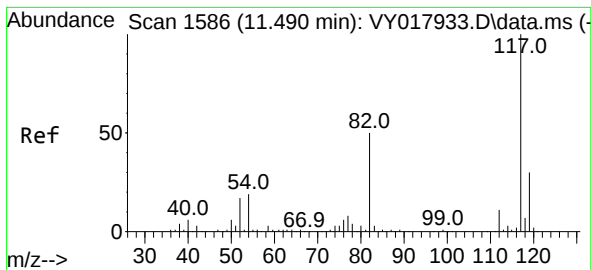
Tgt Ion: 98 Resp: 43069
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 16.645 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018064.D
Acq: 26 Apr 2024 15:53

Tgt Ion: 95 Resp: 5245
Ion Ratio Lower Upper
95 100
174 108.0 0.0 175.6
176 109.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018064.D

Acq: 26 Apr 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209RE

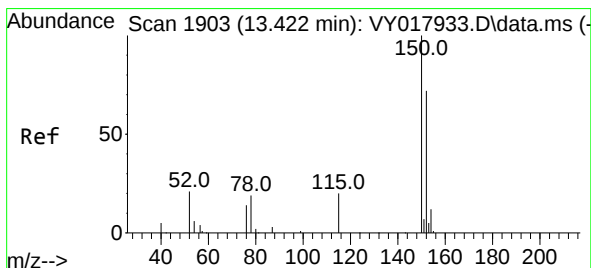
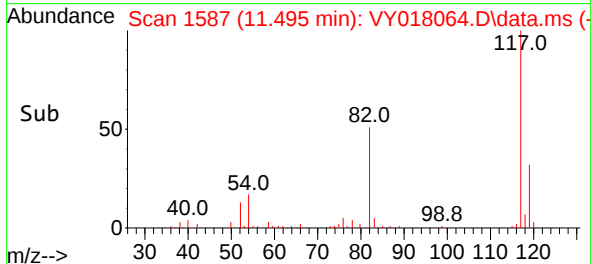
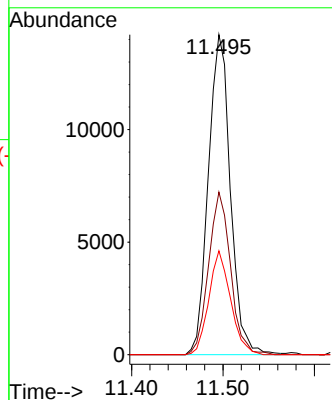
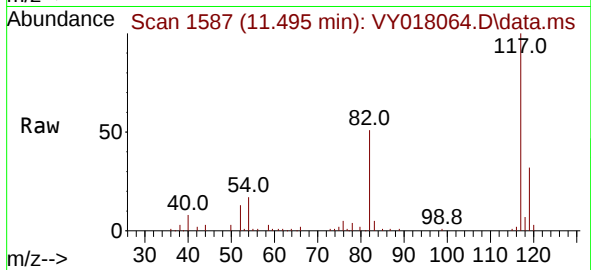
Tgt Ion:117 Resp: 23792

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.5 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: VY018064.D

Acq: 26 Apr 2024 15:53

Tgt Ion:152 Resp: 4178

Ion Ratio Lower Upper

152 100

115 52.7 28.2 84.7

150 163.7 0.0 345.6

