

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017965.D
 Acq On : 18 Apr 2024 10:01
 Operator : SY/MD
 Sample : VY0418SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Quant Time: Apr 19 01:58:19 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	7.789	168	395843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	646346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	548036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	238399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168727	49.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.716	113	194167	48.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.185	98	724646	47.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.489	95	206334	44.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.060%

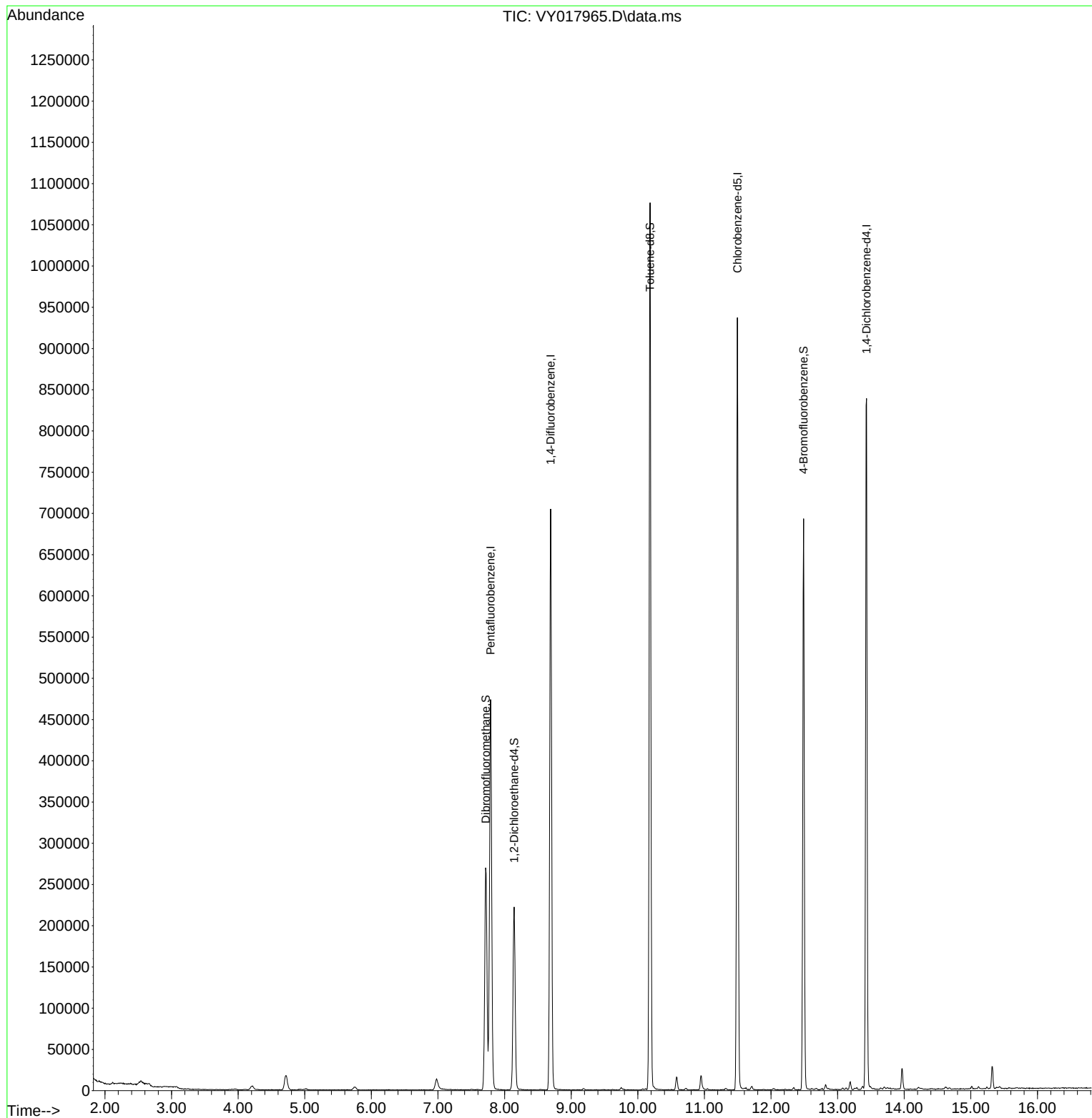
Target Compounds	Qvalue

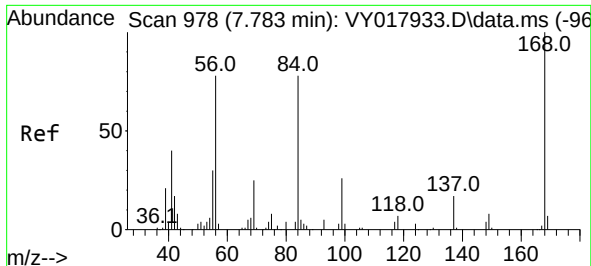
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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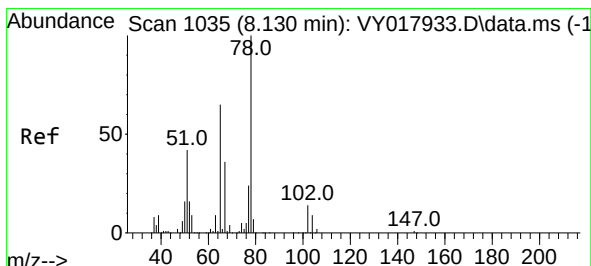
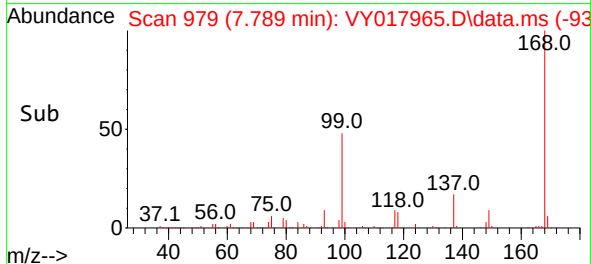
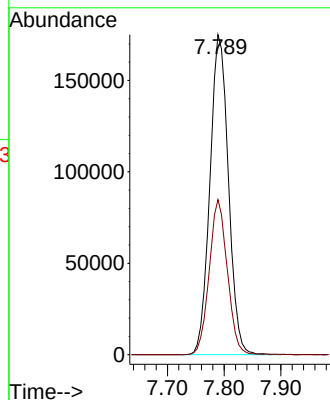
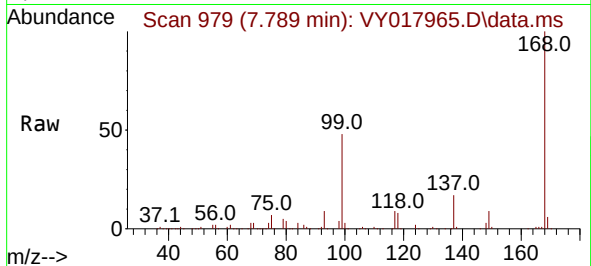




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

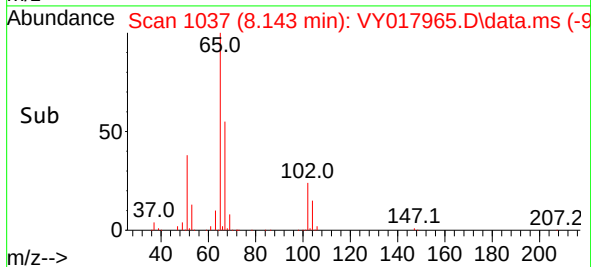
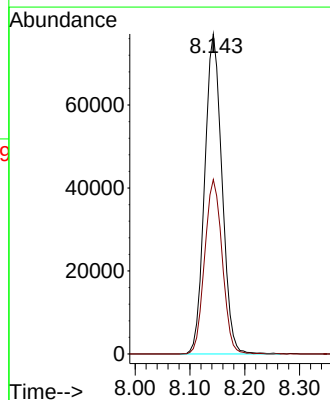
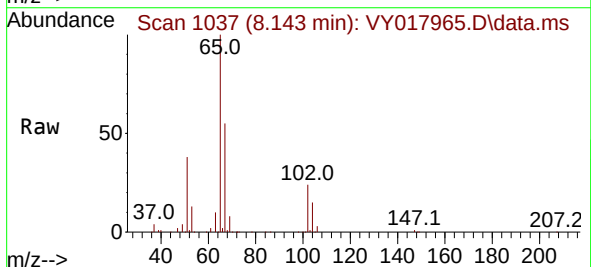
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

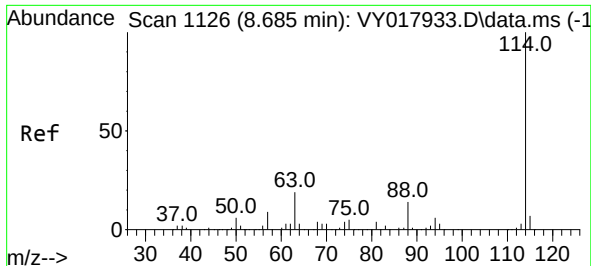
Tgt Ion:168 Resp: 395843
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.256 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 65 Resp: 168727
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: VY017965.D

Acq: 18 Apr 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBL01

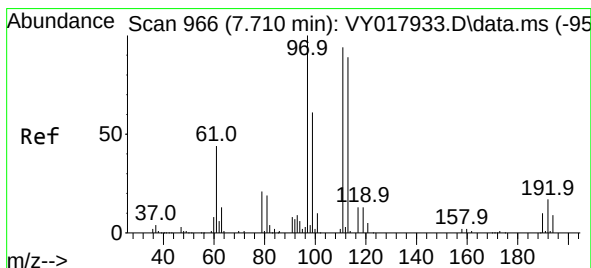
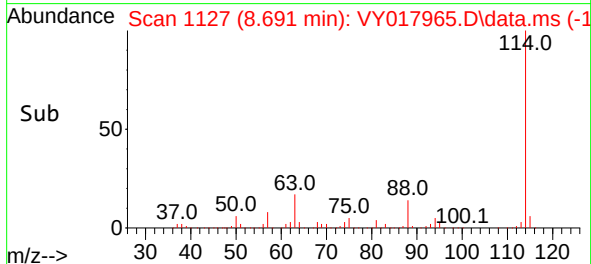
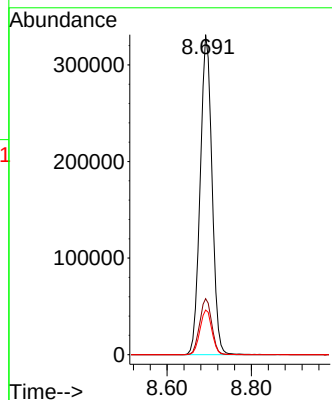
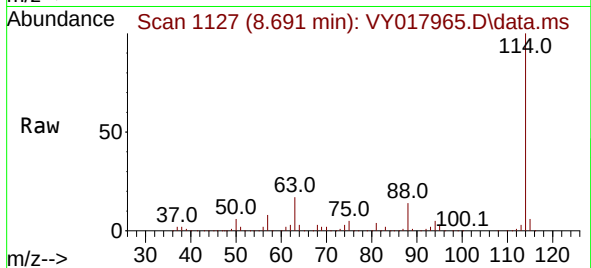
Tgt Ion:114 Resp: 646346

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.693 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

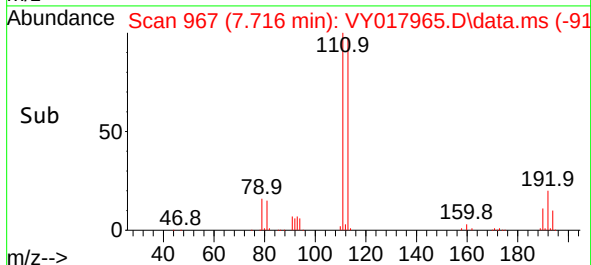
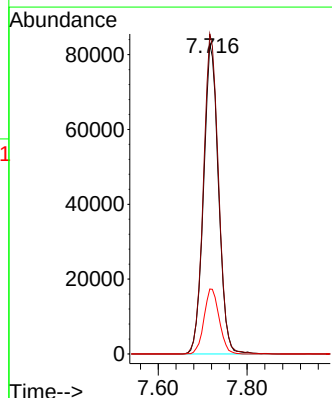
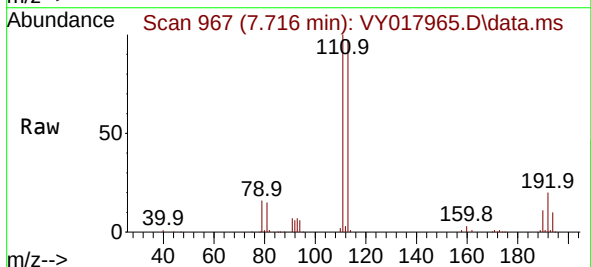
Tgt Ion:113 Resp: 194167

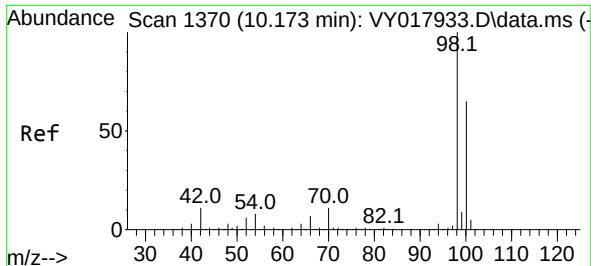
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 21.3 15.9 23.9

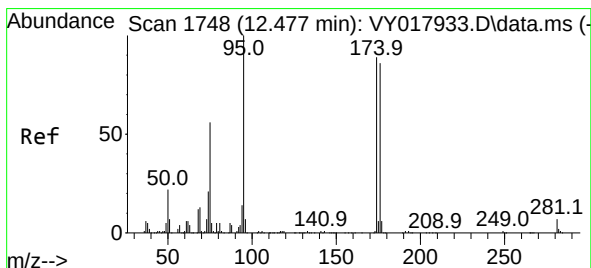
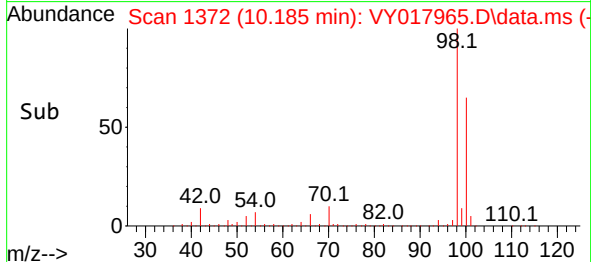
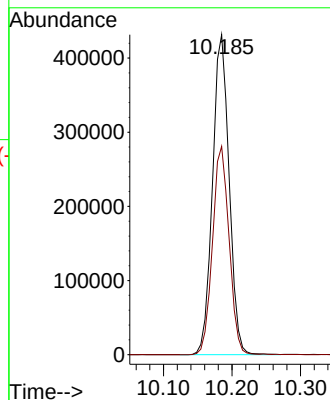
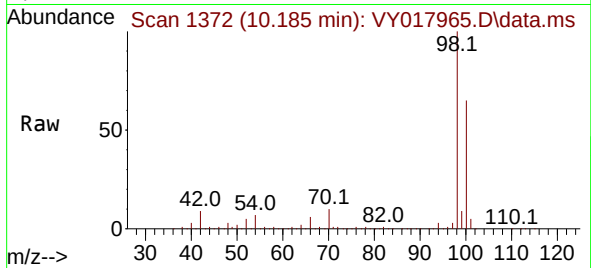




#50
Toluene-d8
Concen: 47.892 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

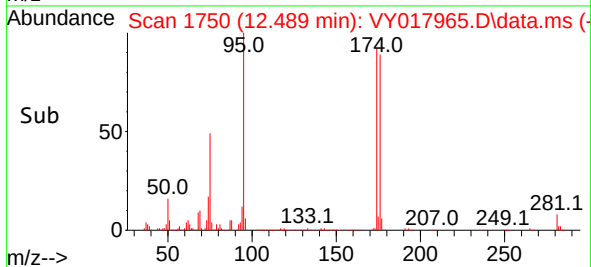
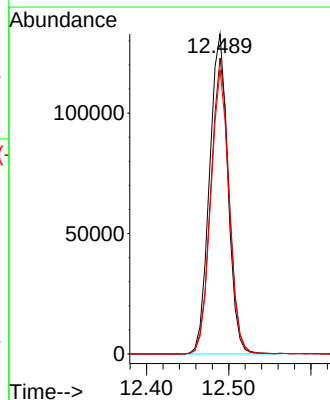
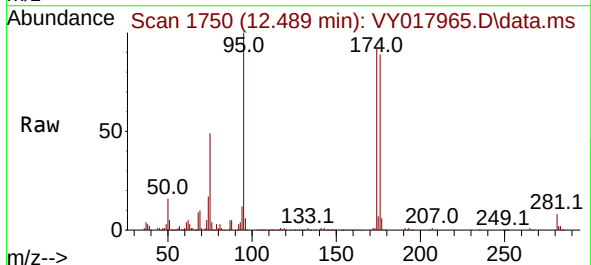
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

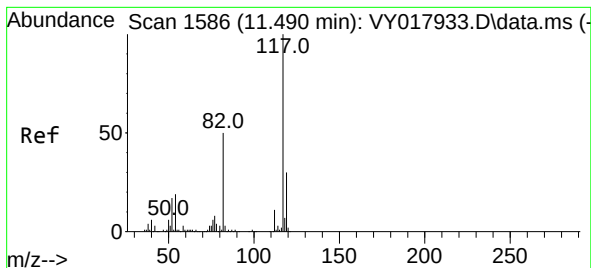
Tgt Ion: 98 Resp: 724646
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.031 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 95 Resp: 206334
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 88.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBL01

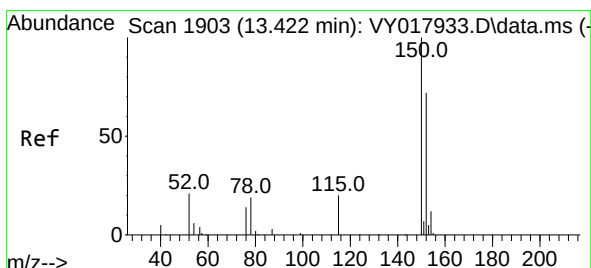
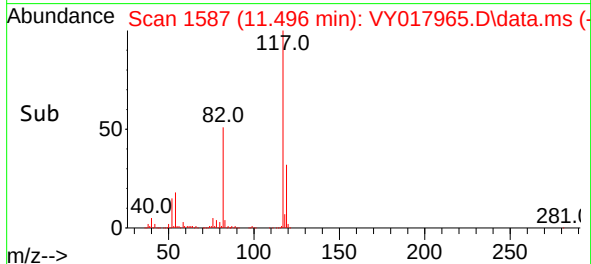
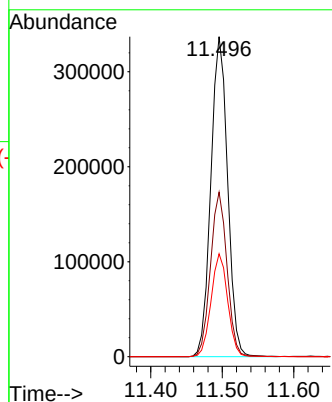
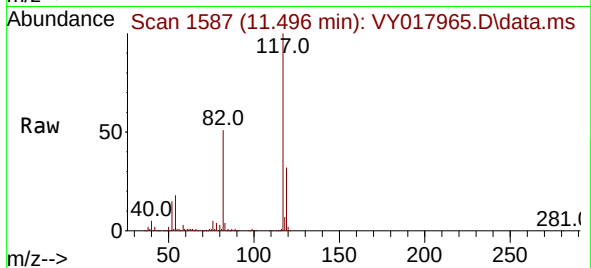
Tgt Ion:117 Resp: 548036

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

Tgt Ion:152 Resp: 238399

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.2 0.0 345.6

