

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016777.D
 Acq On : 22 Dec 2023 00:20
 Operator : SY/MD
 Sample : VY1221SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBL02

Quant Time: Dec 22 00:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	128818	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	245965	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	213498	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	84482	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	76179	64.780	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.560%
35) Dibromofluoromethane	7.746	113	77234	54.817	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.640%
50) Toluene-d8	10.203	98	263194	51.819	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.502	95	80241	48.695	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.400%

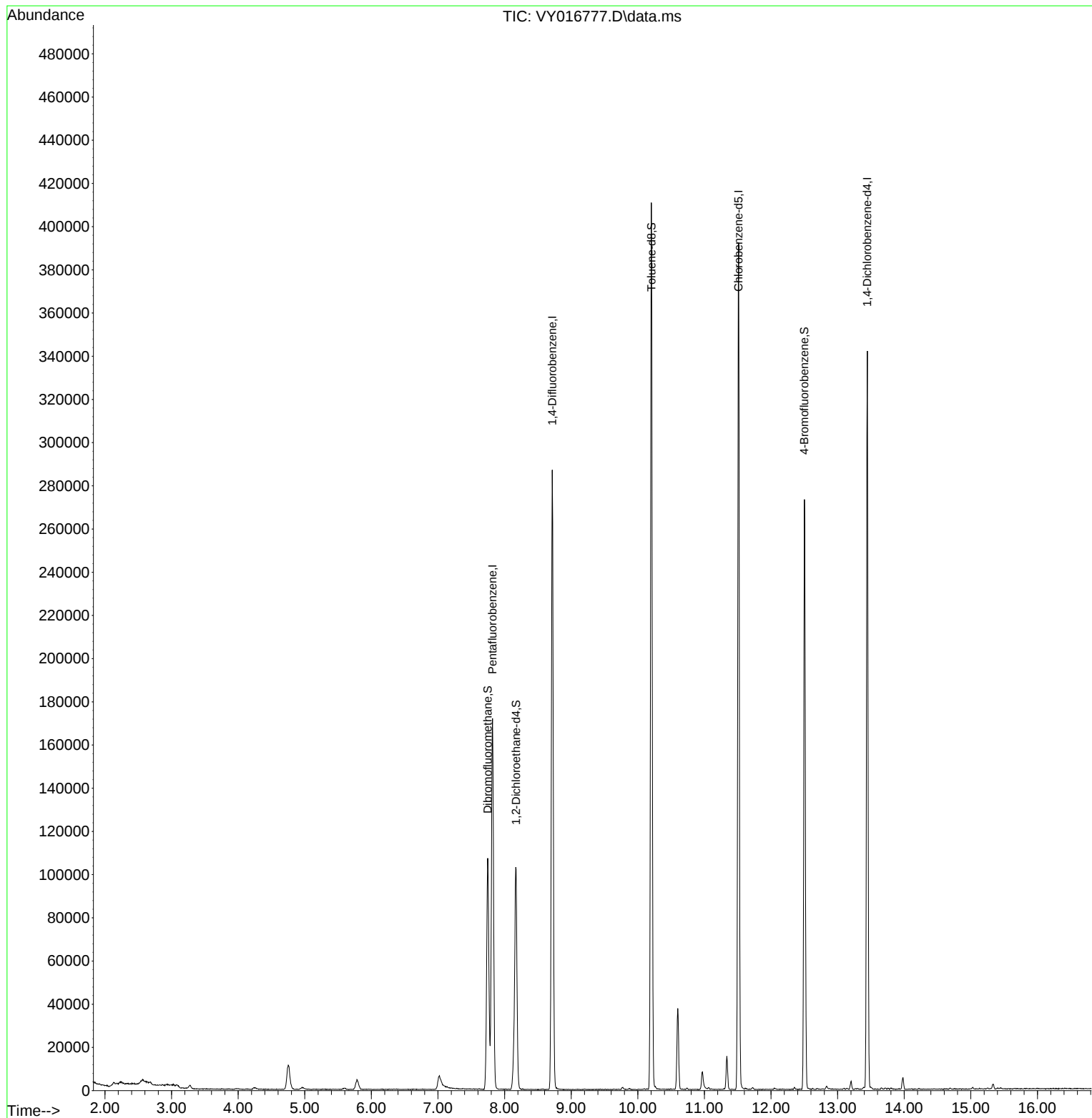
Target Compounds	Qvalue

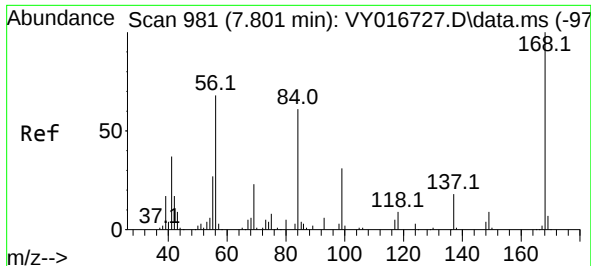
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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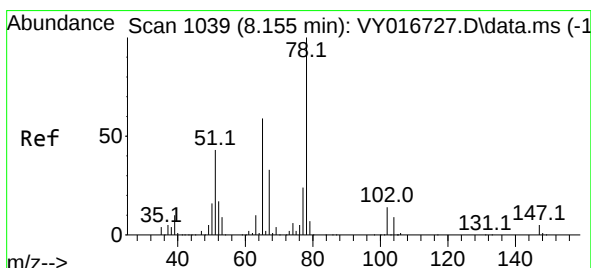
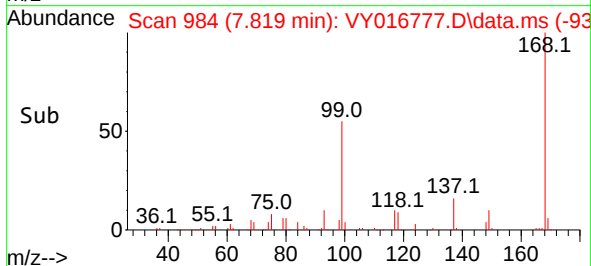
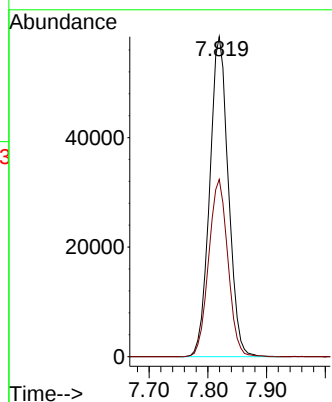
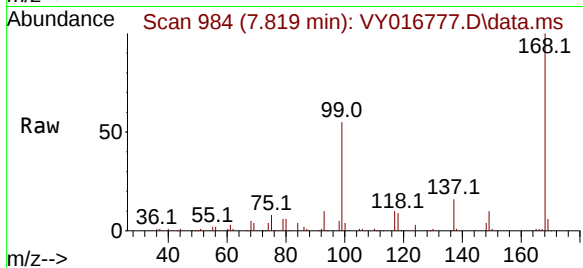




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016777.D
Acq: 22 Dec 2023 00:20

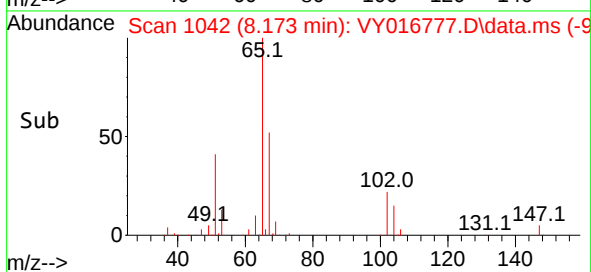
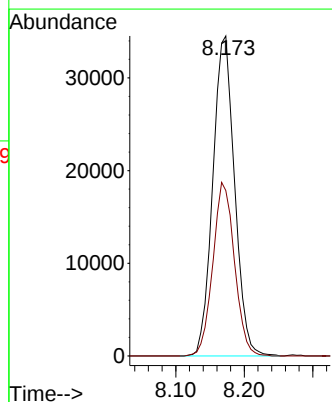
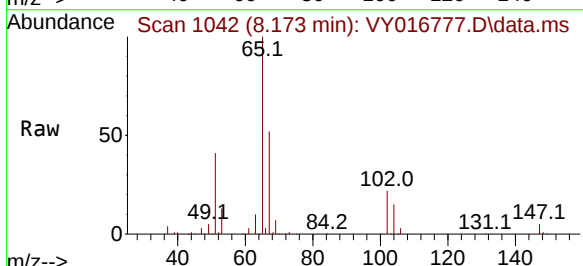
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBL02

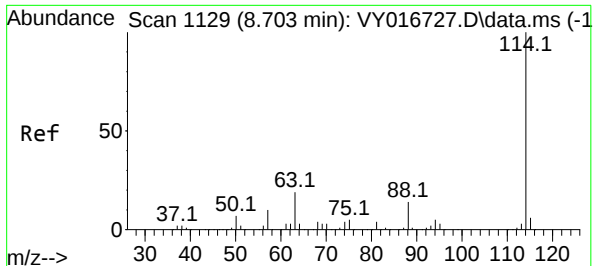
Tgt Ion:168 Resp: 128818
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 64.780 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.019 min
Lab File: VY016777.D
Acq: 22 Dec 2023 00:20

Tgt Ion: 65 Resp: 76179
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016777.D

Acq: 22 Dec 2023 00:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBL02

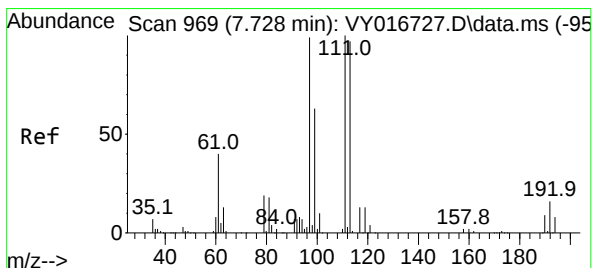
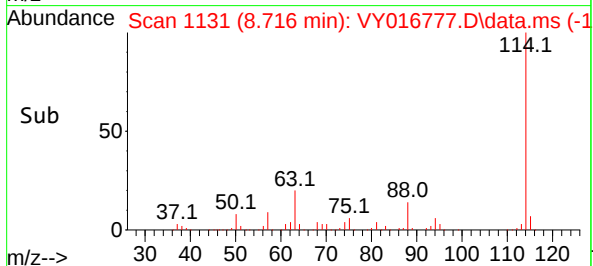
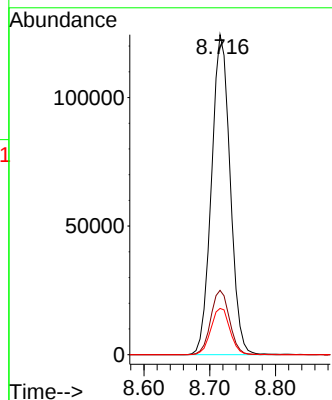
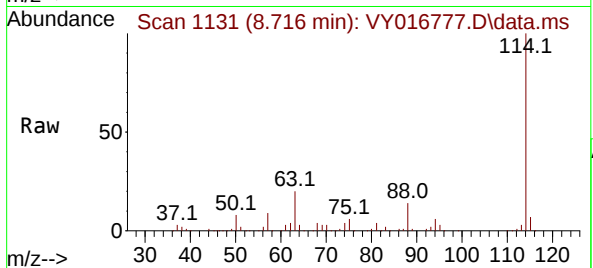
Tgt Ion:114 Resp: 245965

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.817 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY016777.D

Acq: 22 Dec 2023 00:20

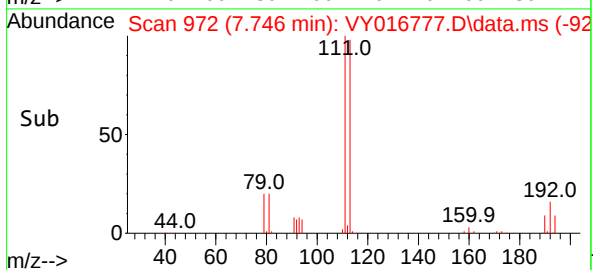
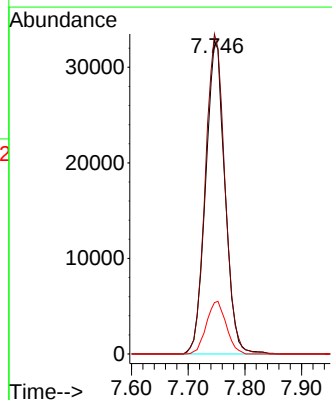
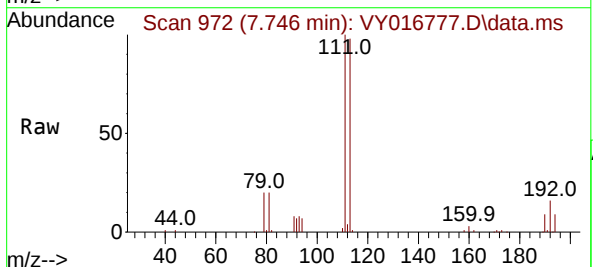
Tgt Ion:113 Resp: 77234

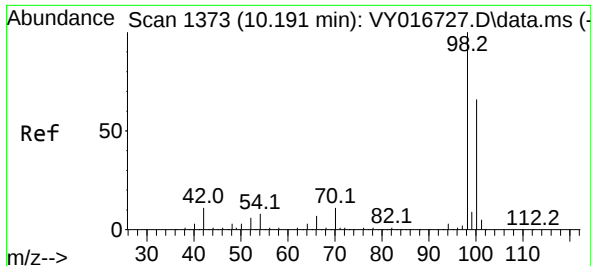
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.3 14.5 21.7

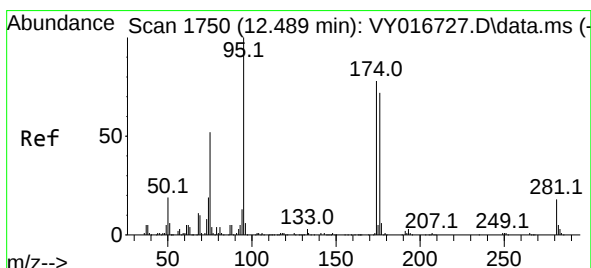
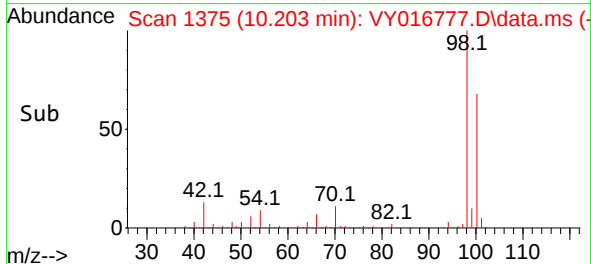
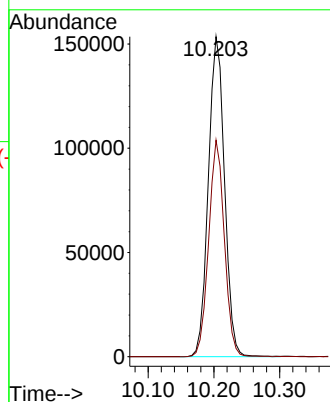
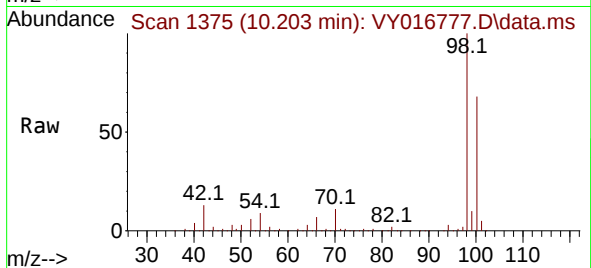




#50
Toluene-d8
Concen: 51.819 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016777.D
Acq: 22 Dec 2023 00:20

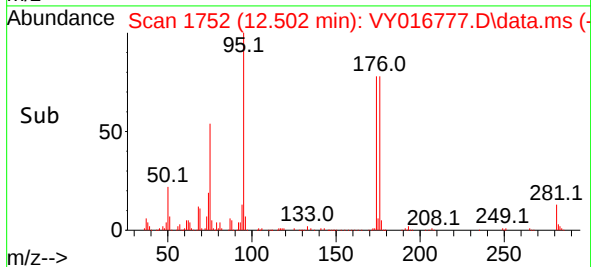
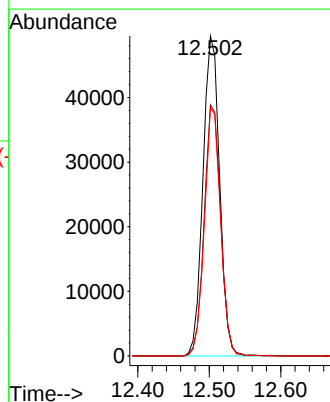
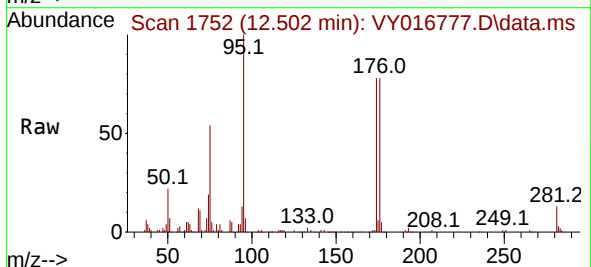
Instrument :
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VY1221SBL02

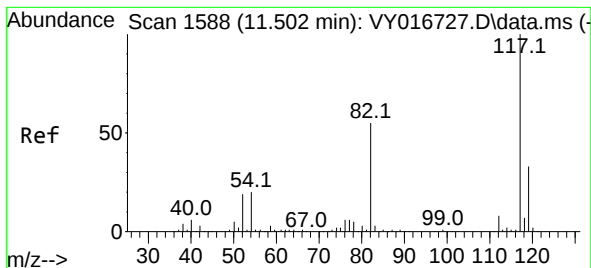
Tgt Ion: 98 Resp: 263194
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.695 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016777.D
Acq: 22 Dec 2023 00:20

Tgt Ion: 95 Resp: 80241
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016777.D

Acq: 22 Dec 2023 00:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBL02

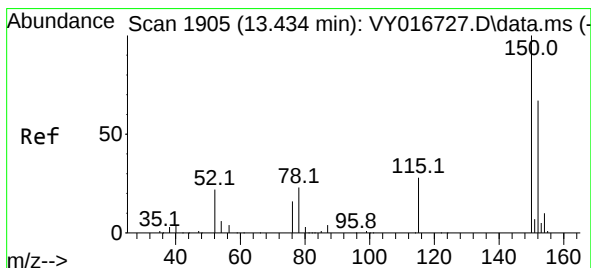
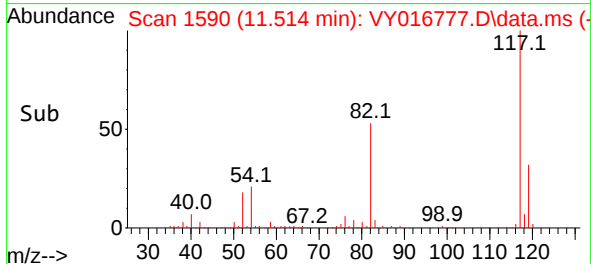
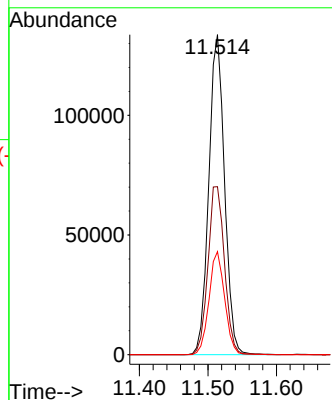
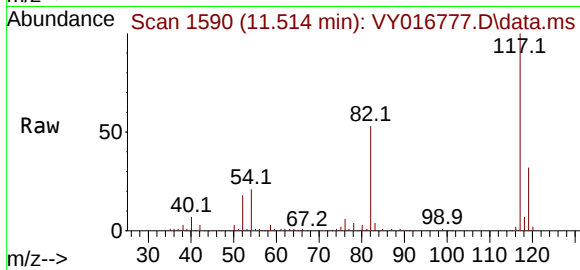
Tgt Ion:117 Resp: 213498

Ion Ratio Lower Upper

117 100

82 52.5 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016777.D

Acq: 22 Dec 2023 00:20

Tgt Ion:152 Resp: 84482

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.4 0.0 344.6

