

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020485.D
 Acq On : 02 Dec 2024 15:11
 Operator : SY/MD
 Sample : P5045-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-11222024RE

Quant Time: Dec 02 21:57:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	4508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	7164	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	4710	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	575	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	2278	49.687	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.646	113	2281	50.576	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.115	98	7640	44.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.407	95	1072	17.848	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.700%

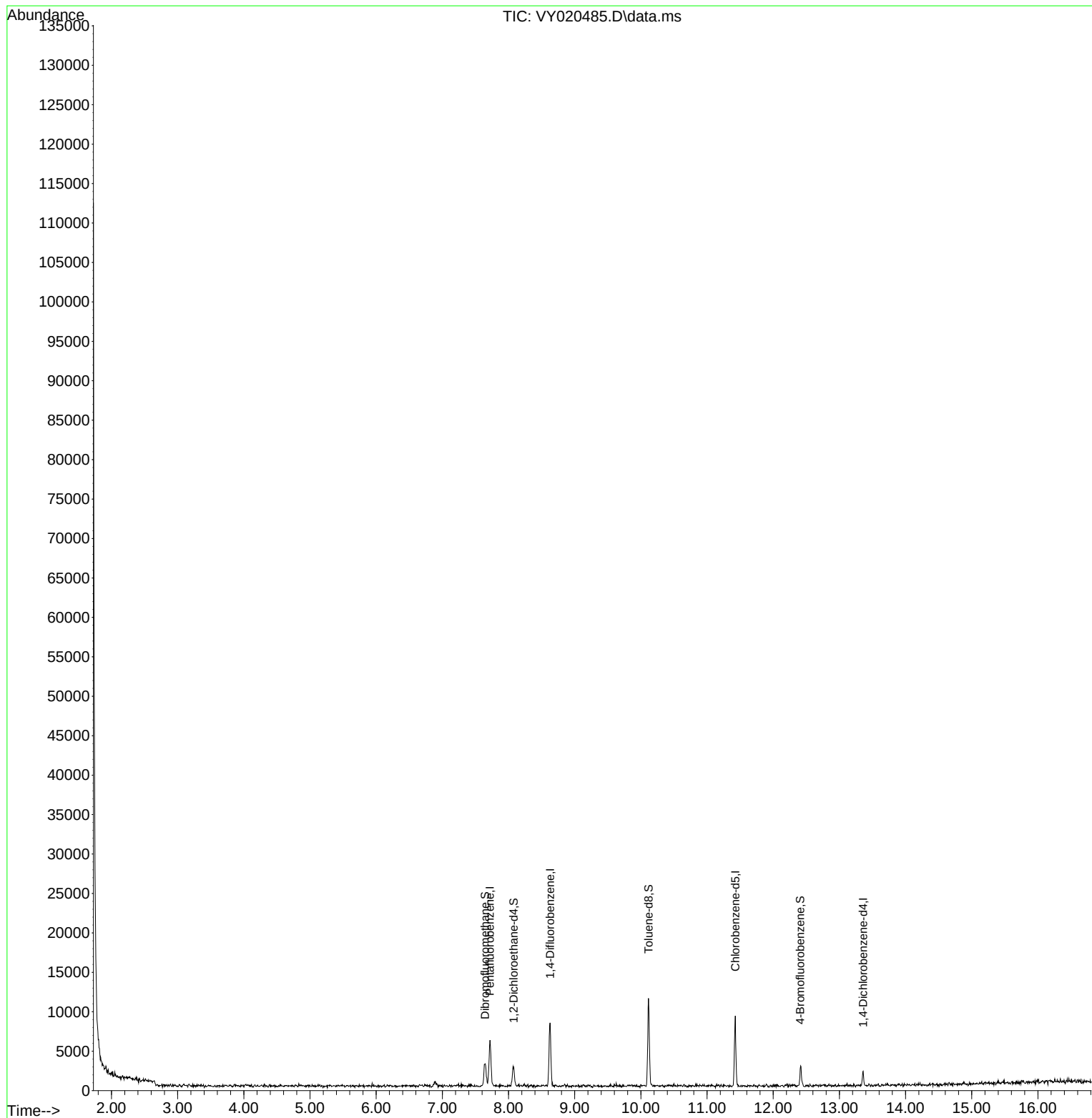
Target Compounds Qvalue

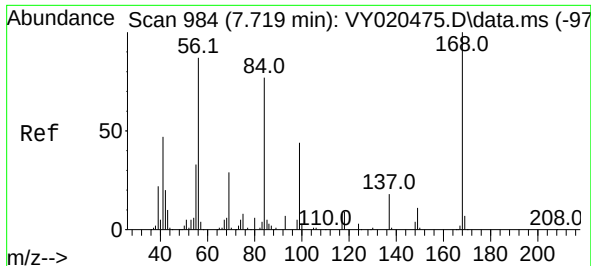
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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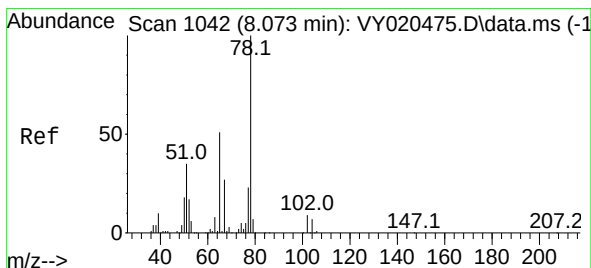
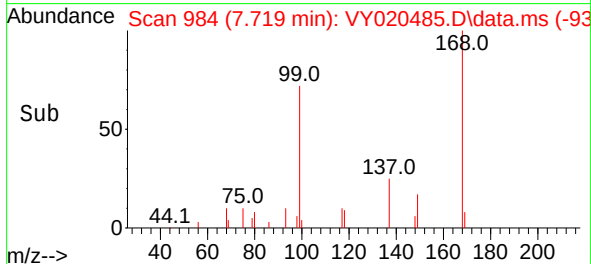
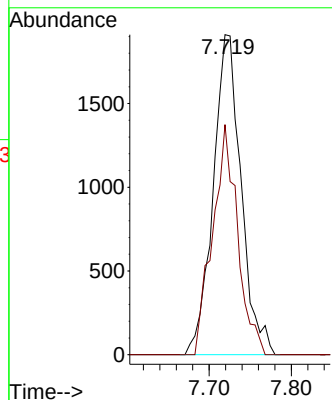
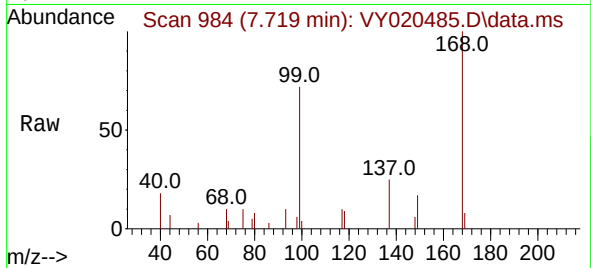




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

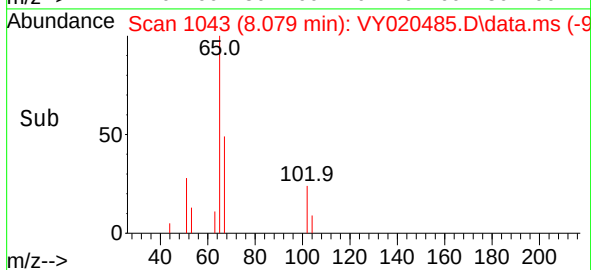
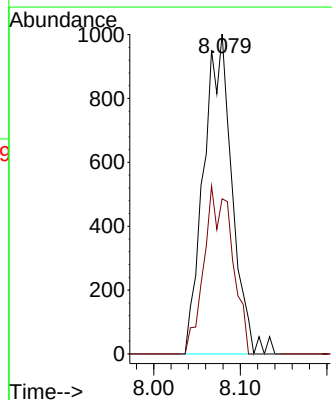
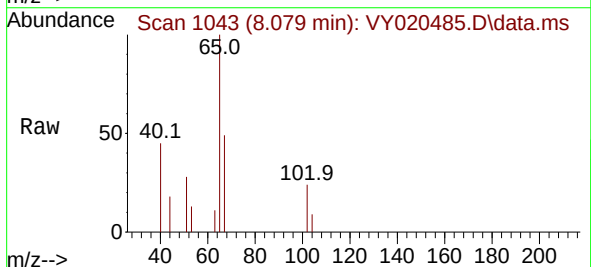
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-11222024RE

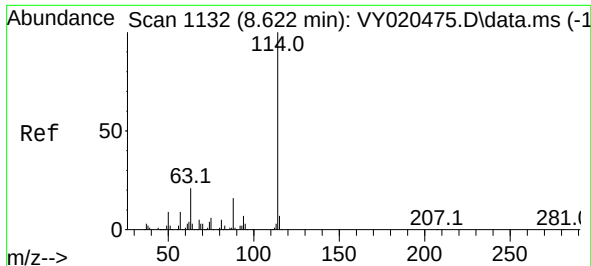
Tgt Ion:168 Resp: 4508
Ion Ratio Lower Upper
168 100
99 71.9 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 49.687 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VY020485.D
Acq: 02 Dec 2024 15:11

Tgt Ion: 65 Resp: 2278
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-11222024RE

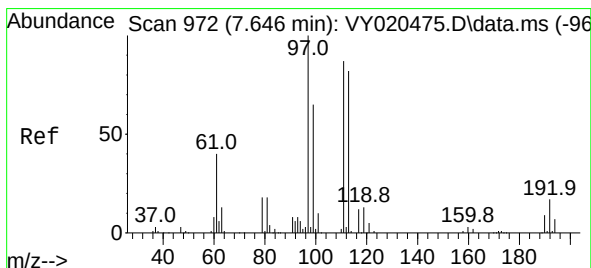
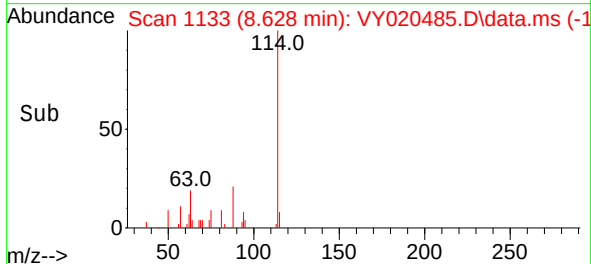
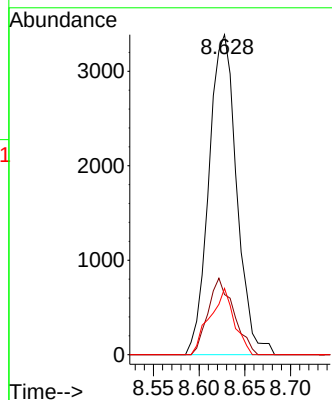
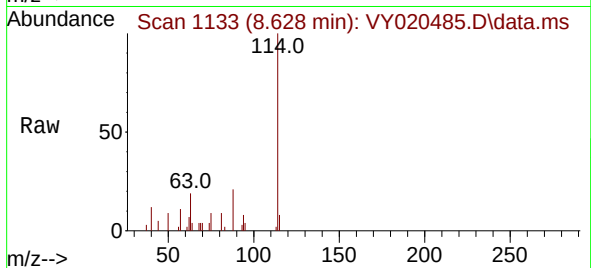
Tgt Ion:114 Resp: 7164

Ion Ratio Lower Upper

114 100

63 18.8 0.0 44.8

88 20.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.576 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

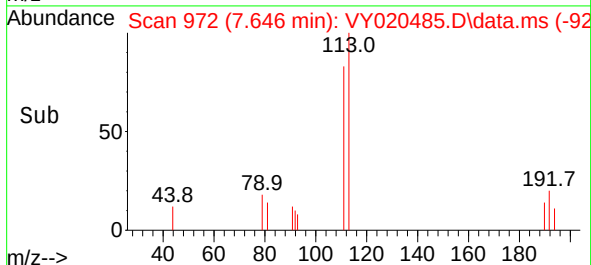
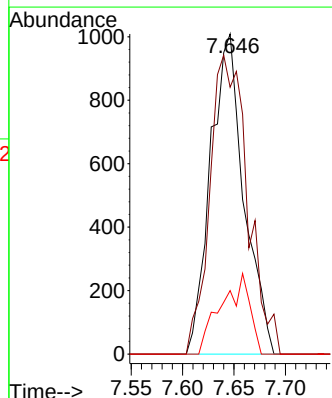
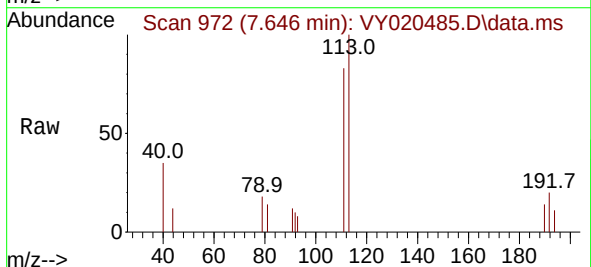
Tgt Ion:113 Resp: 2281

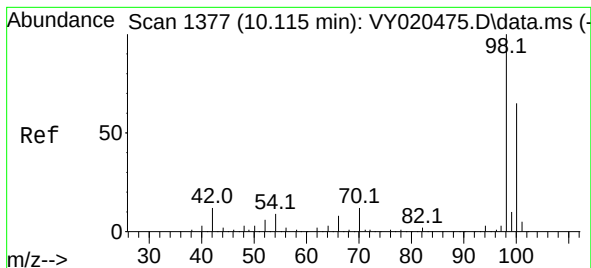
Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 21.7 15.1 22.7





#50

Toluene-d8

Concen: 44.487 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

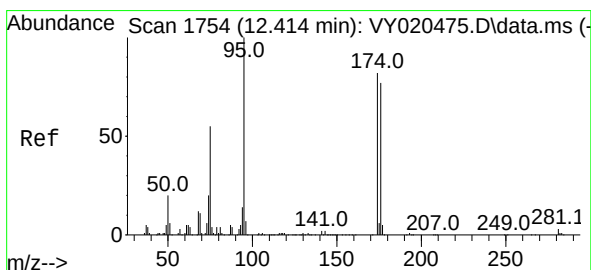
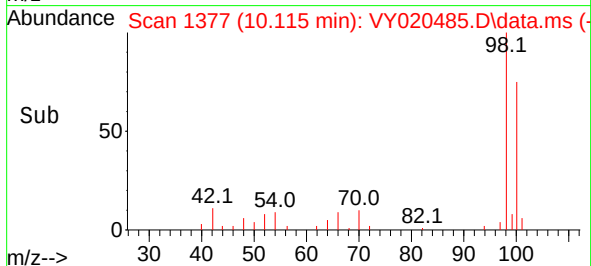
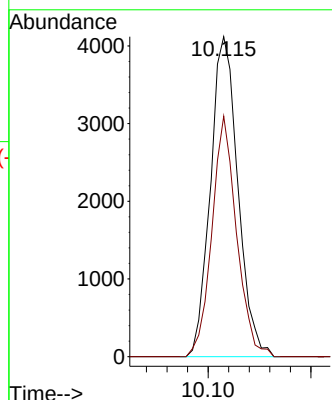
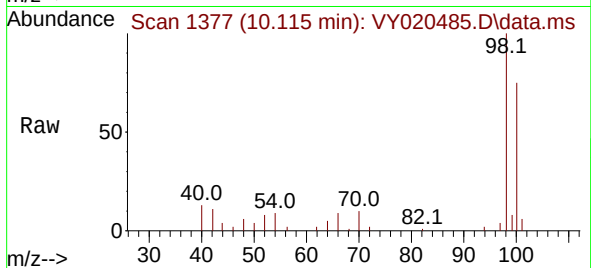
SU-04-11222024RE

Tgt Ion: 98 Resp: 7640

Ion Ratio Lower Upper

98 100

100 67.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 17.848 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

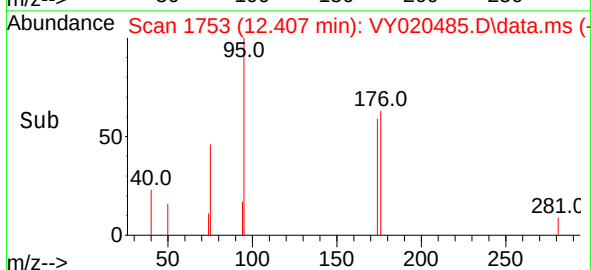
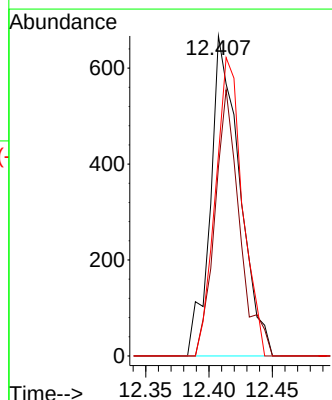
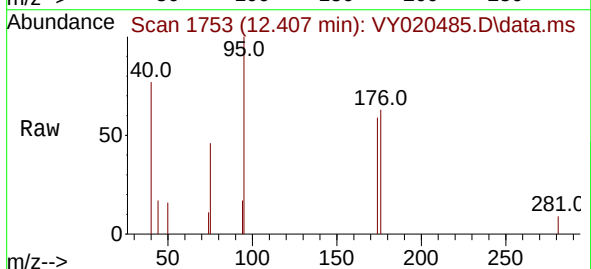
Tgt Ion: 95 Resp: 1072

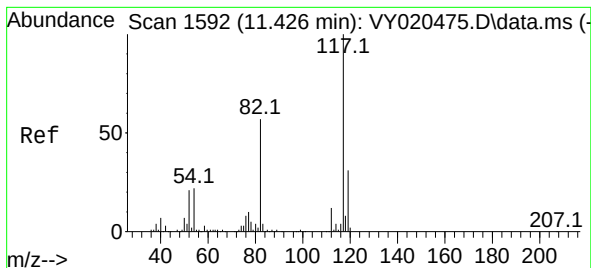
Ion Ratio Lower Upper

95 100

174 70.5 0.0 156.8

176 86.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-11222024RE

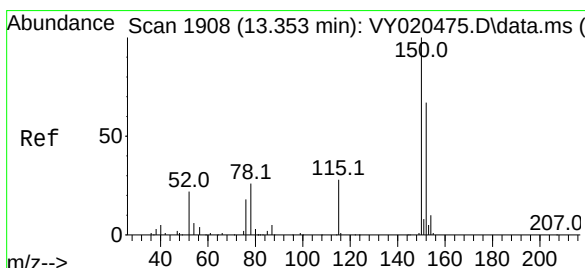
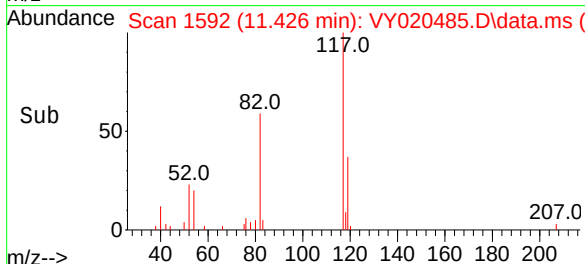
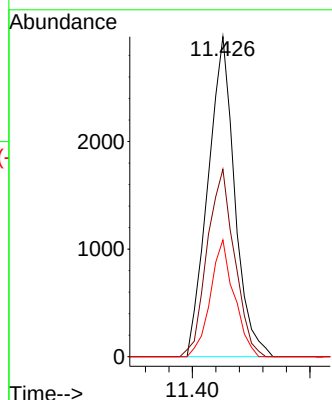
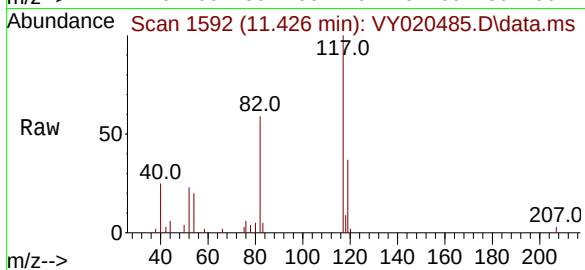
Tgt Ion:117 Resp: 4710

Ion Ratio Lower Upper

117 100

82 58.5 48.2 72.4

119 36.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020485.D

Acq: 02 Dec 2024 15:11

Tgt Ion:152 Resp: 575

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 150.3 0.0 348.2

