

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009965.D
 Acq On : 11 Aug 2022 15:45
 Operator : KP/MD
 Sample : N4119-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT

Quant Time: Aug 12 02:49:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

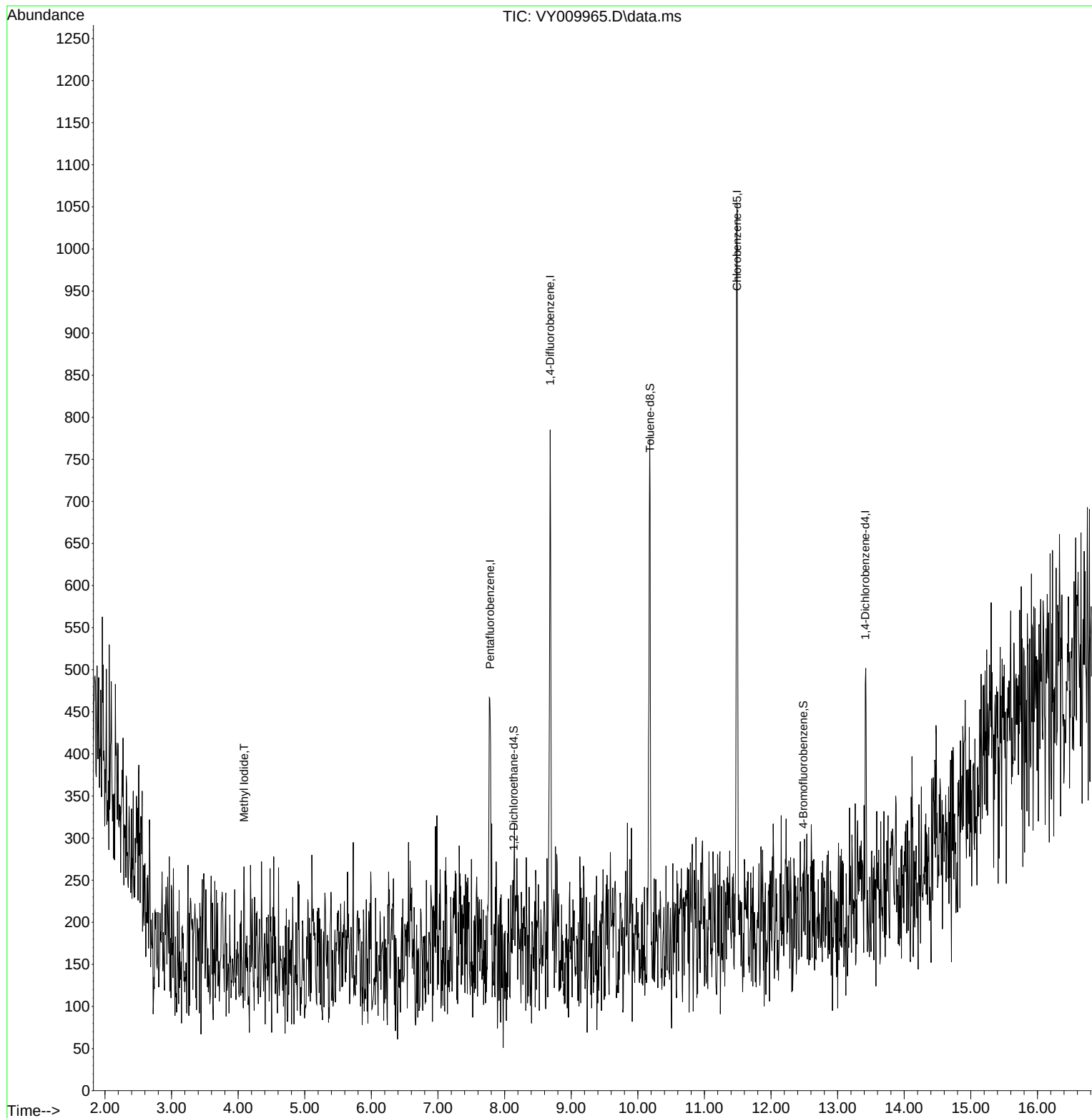
Internal Standards						
1) Pentafluorobenzene	7.783	168	379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	87	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107	34.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.120%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.185	98	564	44.143	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.280%
62) 4-Bromofluorobenzene	12.483	95	19	3.140	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	6.280%#
Target Compounds						Qvalue
10) Methyl Iodide	4.088	142	21	4.134	ug/l	# 40

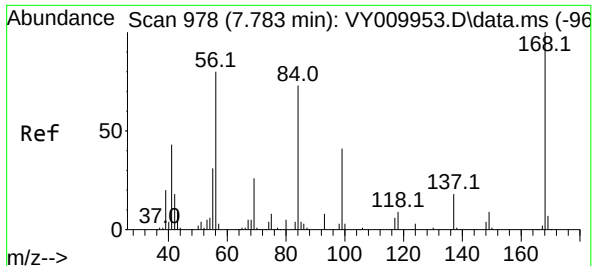
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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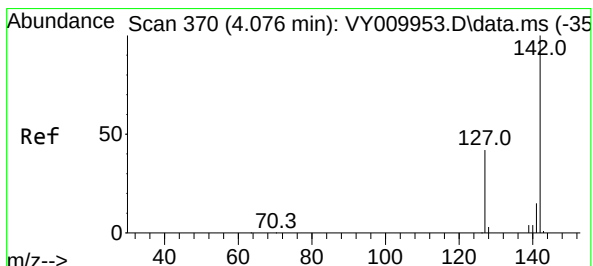
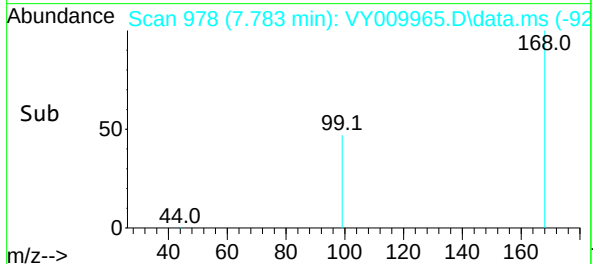
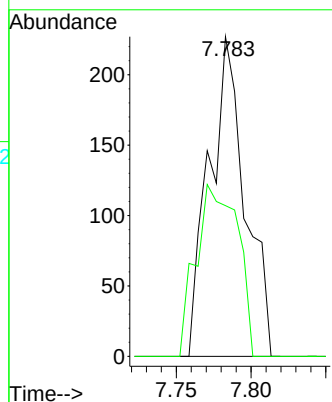
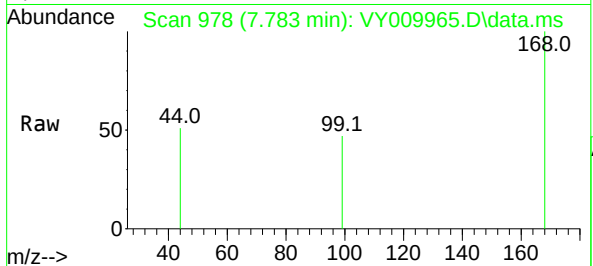




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009965.D
Acq: 11 Aug 2022 15:45

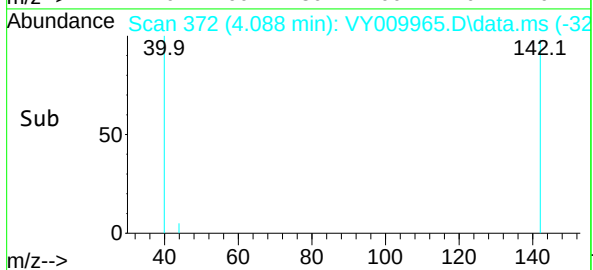
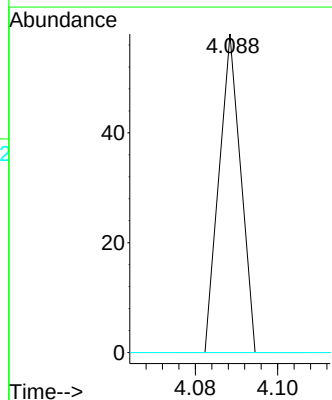
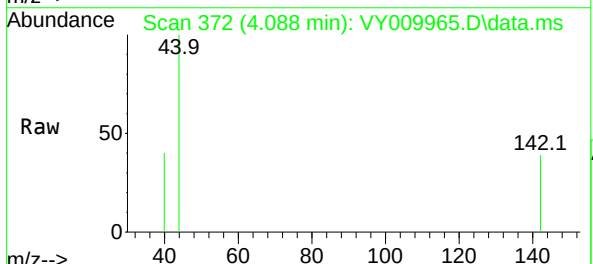
Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

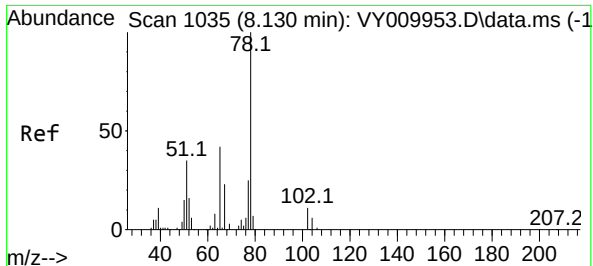
Tgt Ion:168 Resp: 379
Ion Ratio Lower Upper
168 100
99 47.1 42.1 63.1



#10
Methyl Iodide
Concen: 4.134 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY009965.D
Acq: 11 Aug 2022 15:45

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 35.2 52.8#
141 0.0 11.4 17.2#





#33

1,2-Dichloroethane-d4

Concen: 34.555 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009965.D

Acq: 11 Aug 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

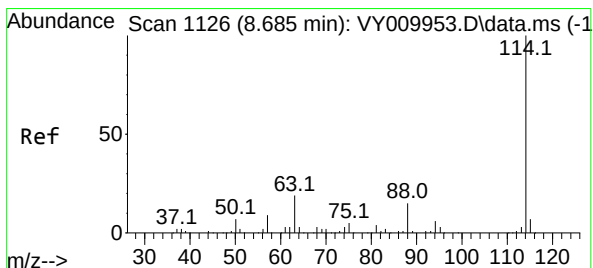
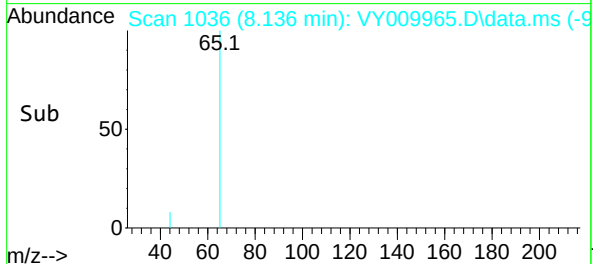
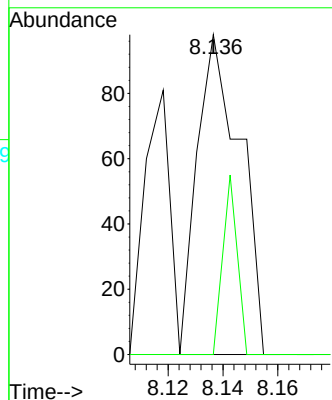
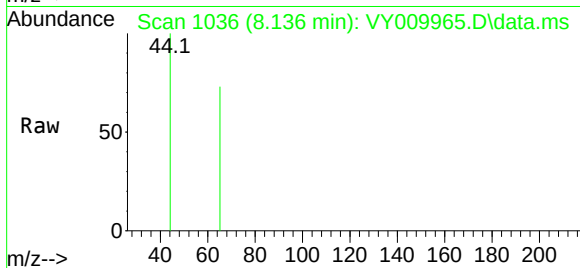
TP1-2-4FT

Tgt Ion: 65 Resp: 107

Ion Ratio Lower Upper

65 100

67 18.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009965.D

Acq: 11 Aug 2022 15:45

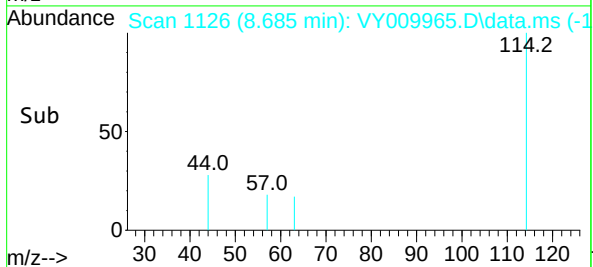
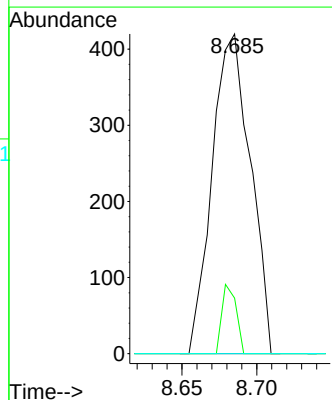
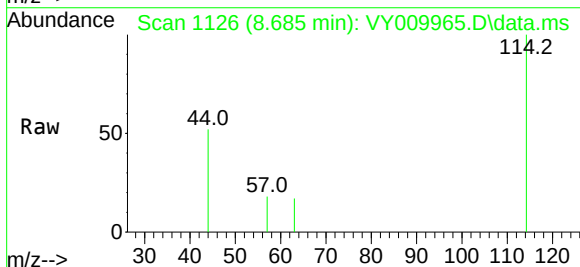
Tgt Ion: 114 Resp: 748

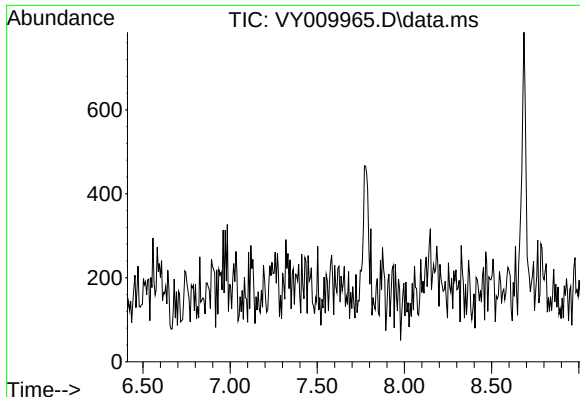
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.0

88 0.0 0.0 30.0



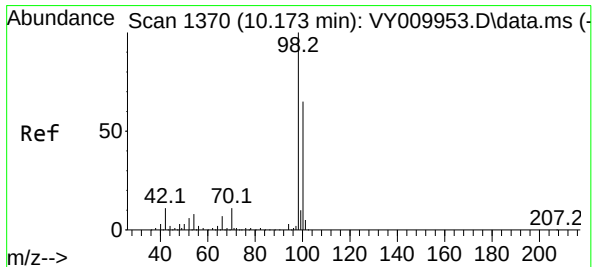
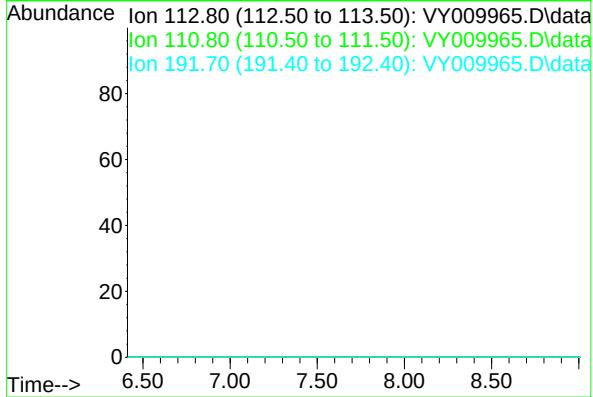


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.71 min
 Lab File: VY009965.D
 Acq: 11 Aug 2022 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT

Tgt Ion: 113

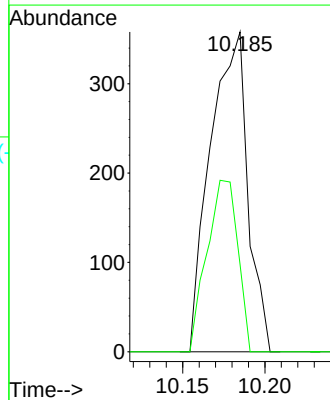
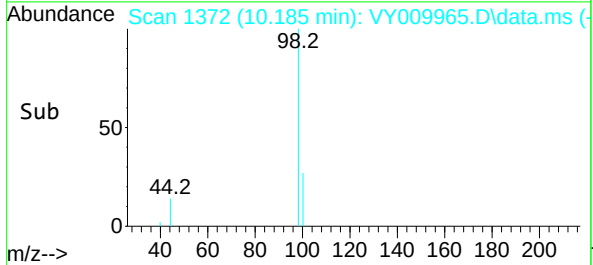
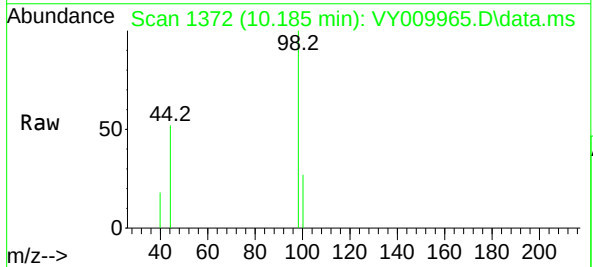
Sig	Exp Ratio
113	100
111	100.7
192	20.3

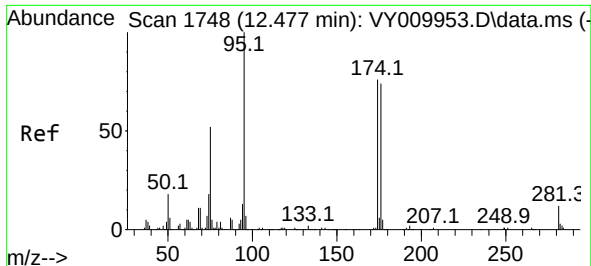


#50
 Toluene-d8
 Concen: 44.143 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.012 min
 Lab File: VY009965.D
 Acq: 11 Aug 2022 15:45

Tgt Ion: 98 Resp: 564

Ion	Ratio	Lower	Upper
98	100		
100	44.3	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 3.140 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009965.D

Acq: 11 Aug 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2-4FT

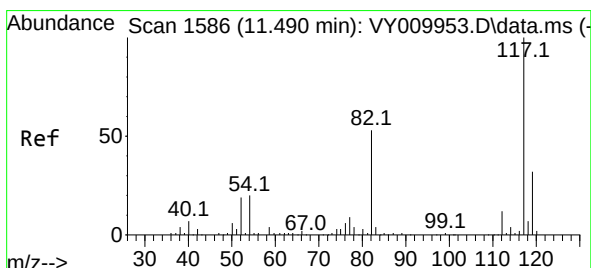
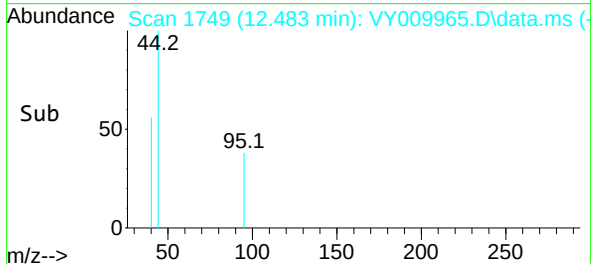
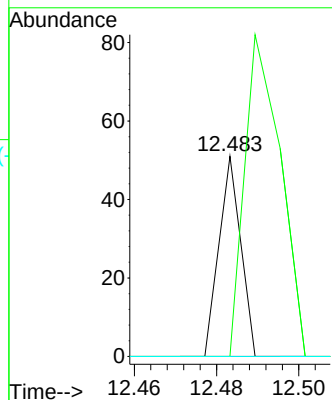
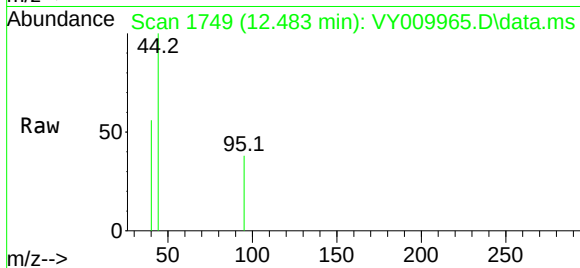
Tgt Ion: 95 Resp: 19

Ion Ratio Lower Upper

95 100

174 257.9 0.0 173.8#

176 0.0 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009965.D

Acq: 11 Aug 2022 15:45

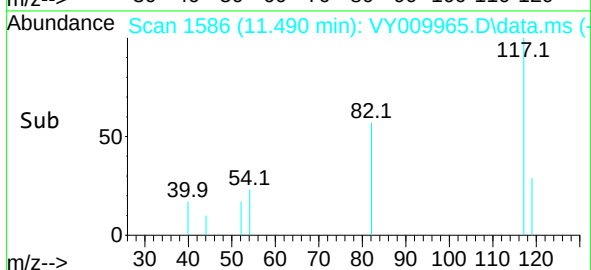
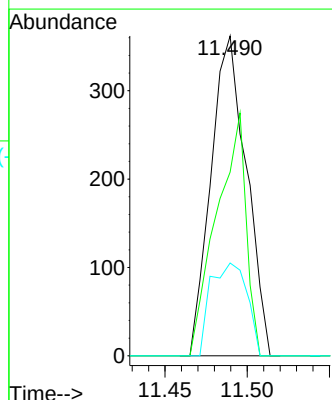
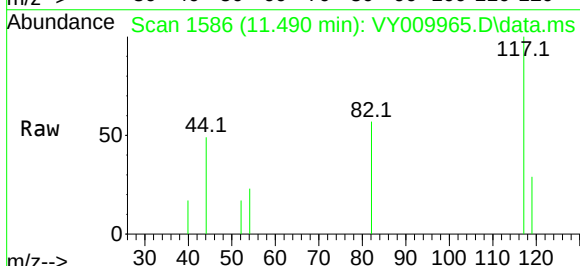
Tgt Ion: 117 Resp: 542

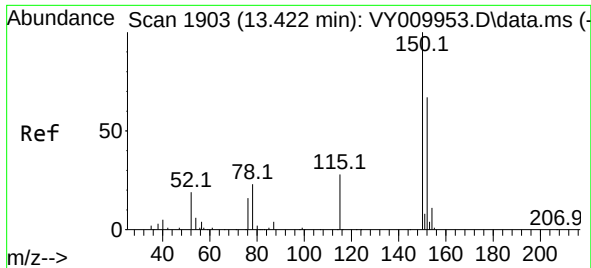
Ion Ratio Lower Upper

117 100

82 57.5 41.8 62.6

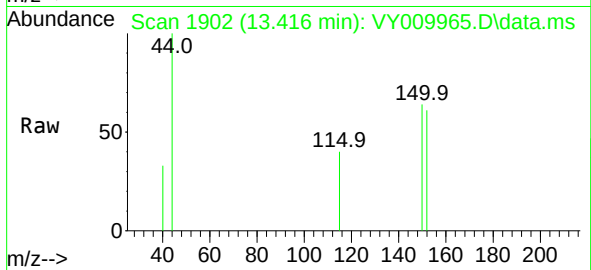
119 29.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.416 min Scan# 1902
 Delta R.T. -0.006 min
 Lab File: VY009965.D
 Acq: 11 Aug 2022 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT



Tgt Ion:152 Resp: 87
 Ion Ratio Lower Upper
 152 100
 115 27.6 28.6 85.9#
 150 187.4 0.0 349.8

