

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020114.D
 Acq On : 01 Nov 2024 11:59
 Operator : SY/MD
 Sample : P4611-04
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Nov 01 16:02:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

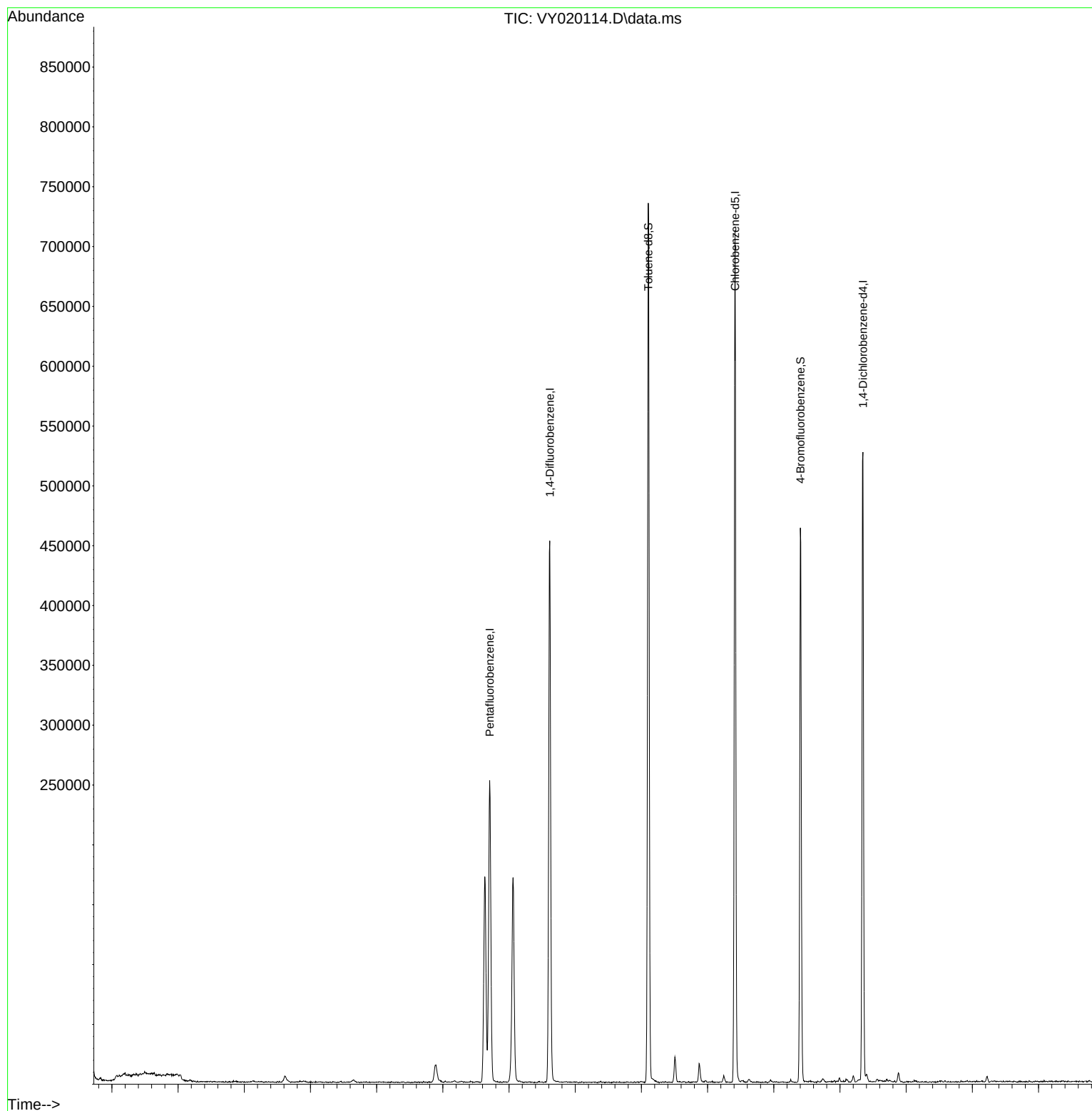
Internal Standards						
1) Pentafluorobenzene	7.707	168	172817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	361831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123490	57.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.634	113	120603	52.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.103	98	455552	49.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.401	95	137102	46.095	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.180%
Target Compounds						
20) Methylene Chloride	4.622	84	3097	1.374	ug/l	# Qvalue 87

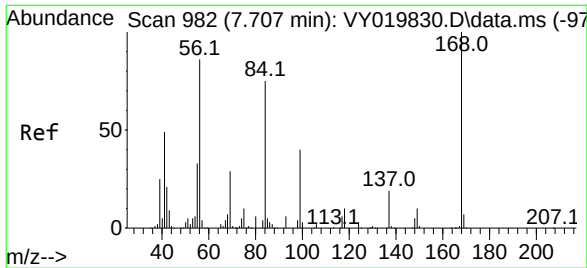
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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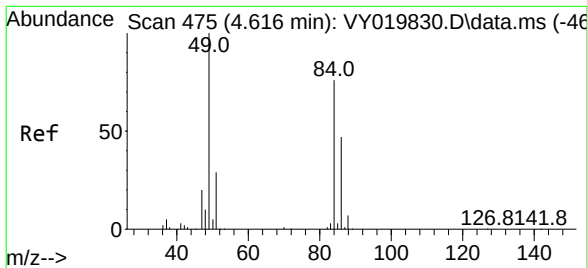
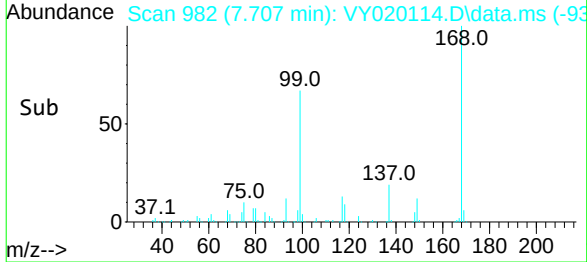
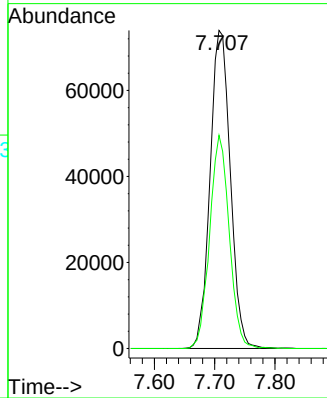
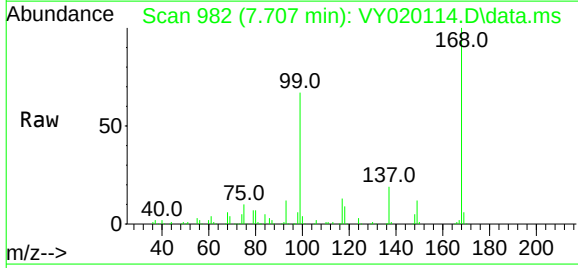




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020114.D
Acq: 01 Nov 2024 11:59

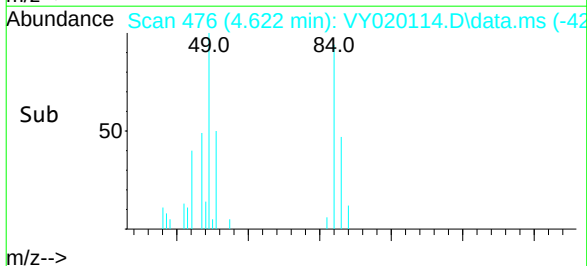
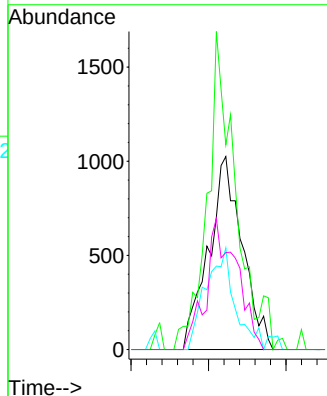
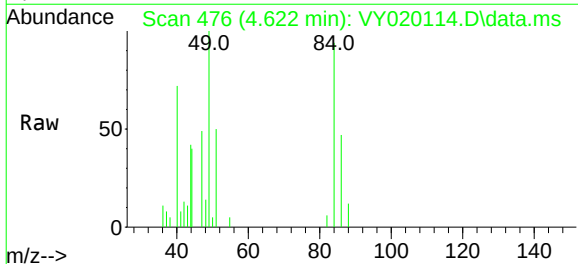
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

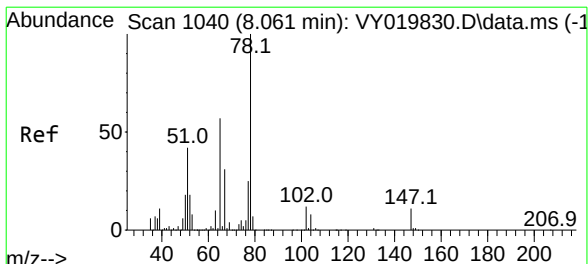
Tgt Ion:168 Resp: 172817
Ion Ratio Lower Upper
168 100
99 67.0 39.1 58.7#



#20
Methylene Chloride
Concen: 1.374 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020114.D
Acq: 01 Nov 2024 11:59

Tgt Ion: 84 Resp: 3097
Ion Ratio Lower Upper
84 100
49 101.2 84.4 126.6
51 52.7 26.0 39.0#
86 50.2 49.5 74.3

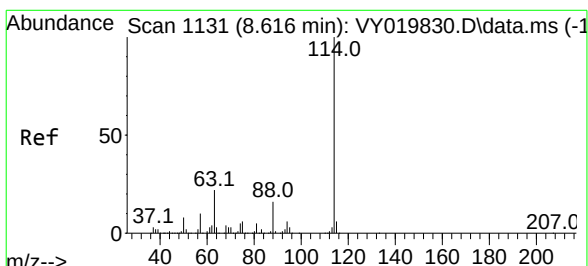
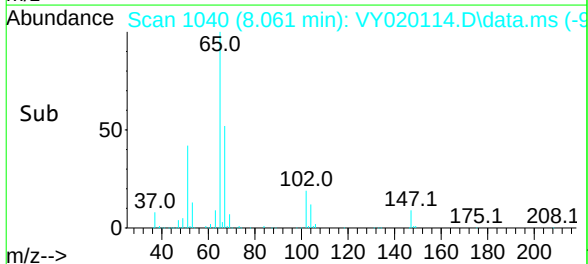
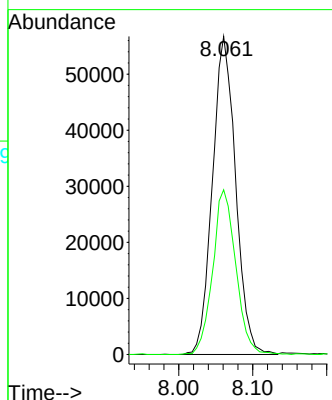
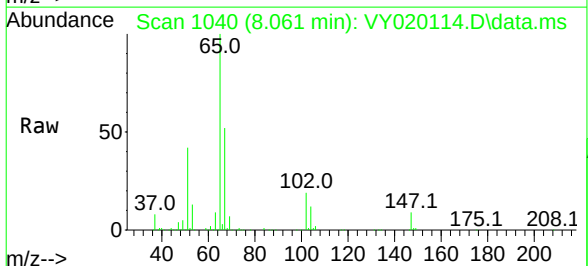




#33
 1,2-Dichloroethane-d4
 Concen: 57.254 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020114.D
 Acq: 01 Nov 2024 11:59

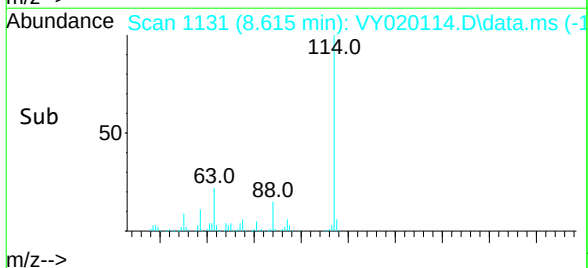
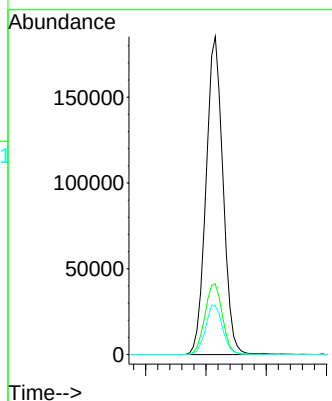
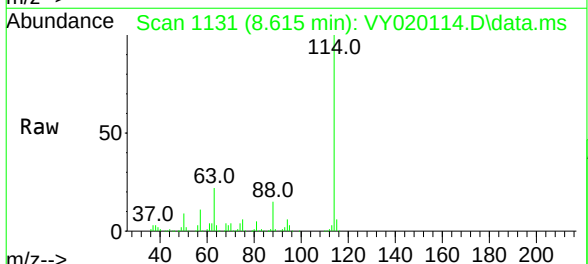
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

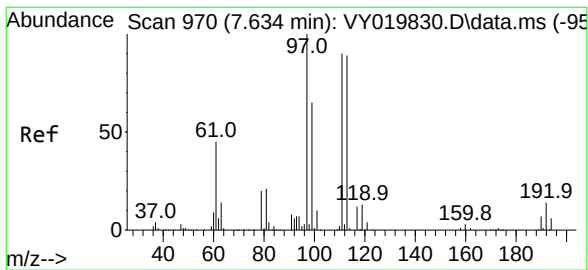
Tgt Ion: 65 Resp: 123490
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020114.D
 Acq: 01 Nov 2024 11:59

Tgt Ion: 114 Resp: 361831
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.0
 88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.425 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020114.D

Acq: 01 Nov 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

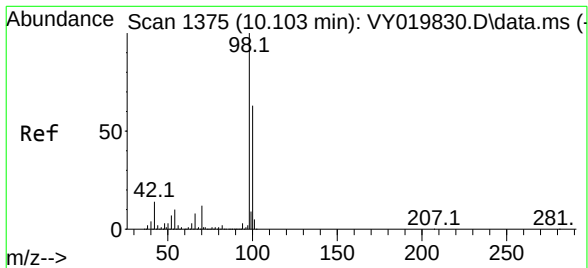
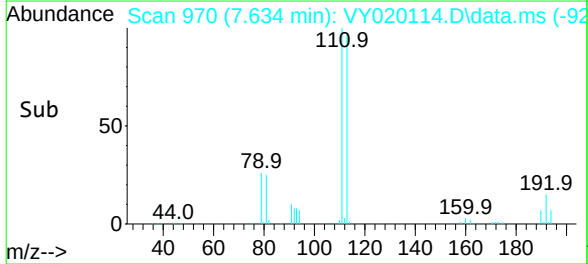
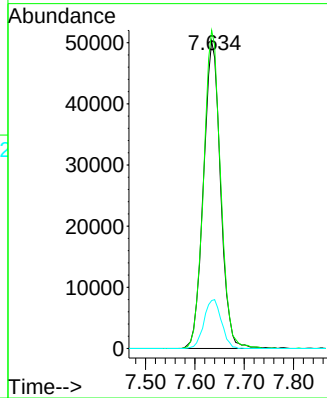
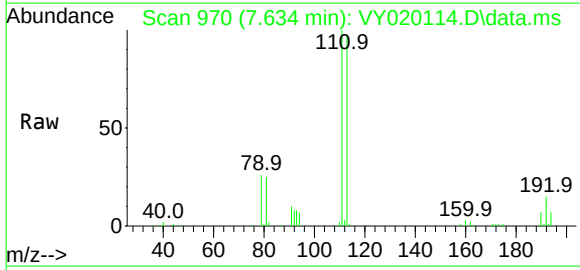
Tgt Ion:113 Resp: 120603

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.2 15.9 23.9



#50

Toluene-d8

Concen: 49.748 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020114.D

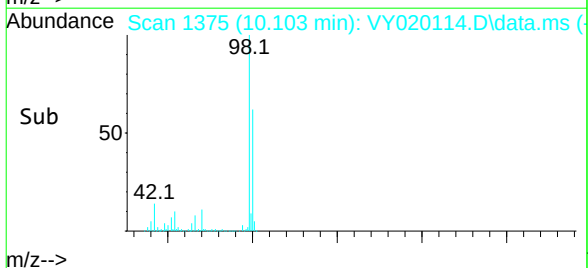
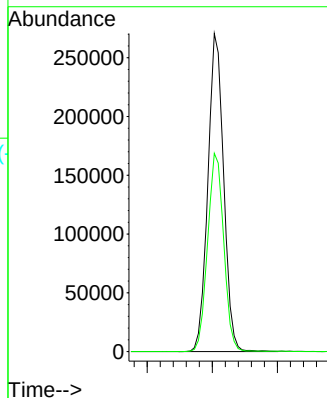
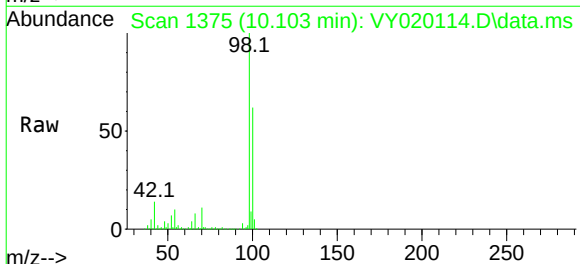
Acq: 01 Nov 2024 11:59

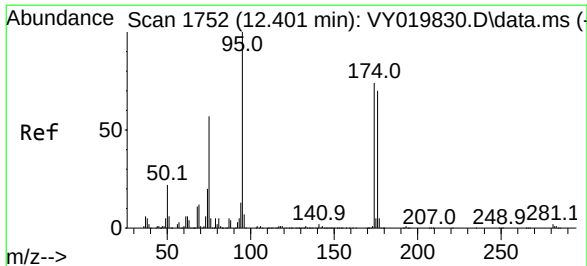
Tgt Ion: 98 Resp: 455552

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.095 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020114.D

Acq: 01 Nov 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

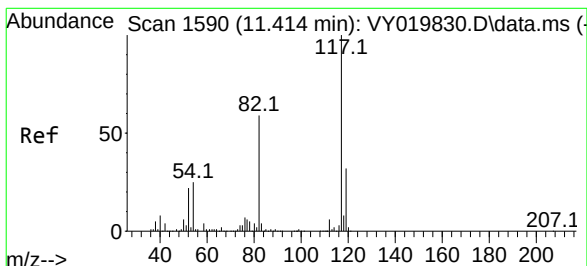
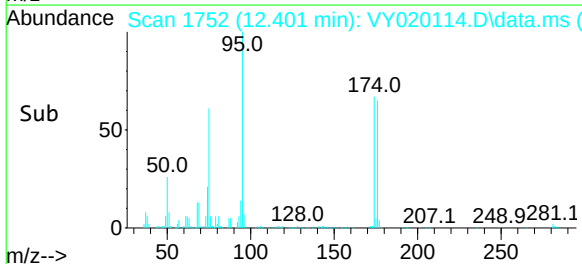
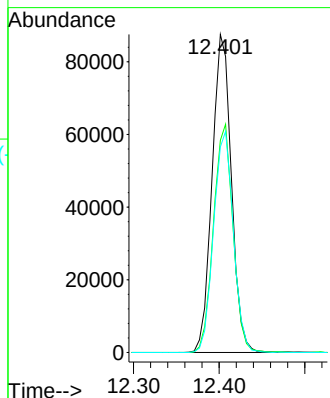
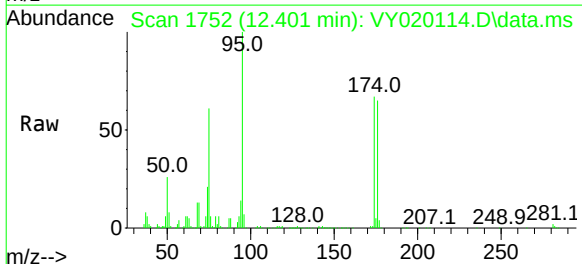
Tgt Ion: 95 Resp: 137102

Ion Ratio Lower Upper

95 100

174 72.5 0.0 175.6

176 70.9 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020114.D

Acq: 01 Nov 2024 11:59

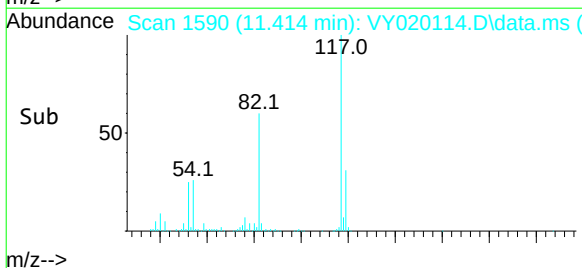
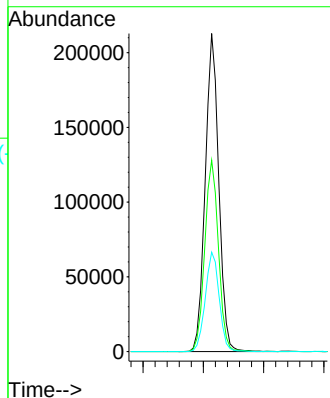
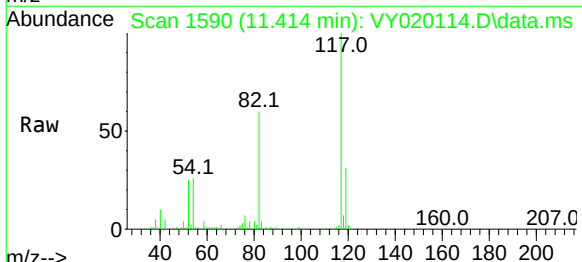
Tgt Ion: 117 Resp: 331750

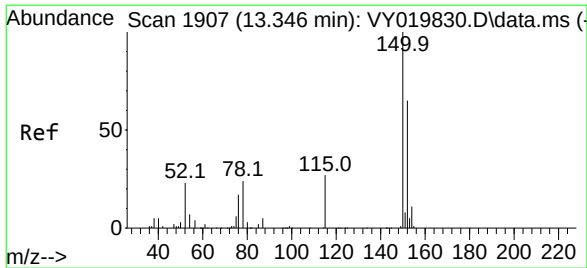
Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

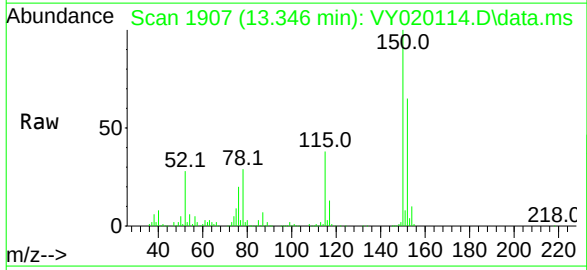
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020114.D
 Acq: 01 Nov 2024 11:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion:	152	Resp:	120805
Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	157.3	0.0	345.6

