

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020113.D
 Acq On : 01 Nov 2024 11:35
 Operator : SY/MD
 Sample : P4611-01
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 01 16:02:50 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)

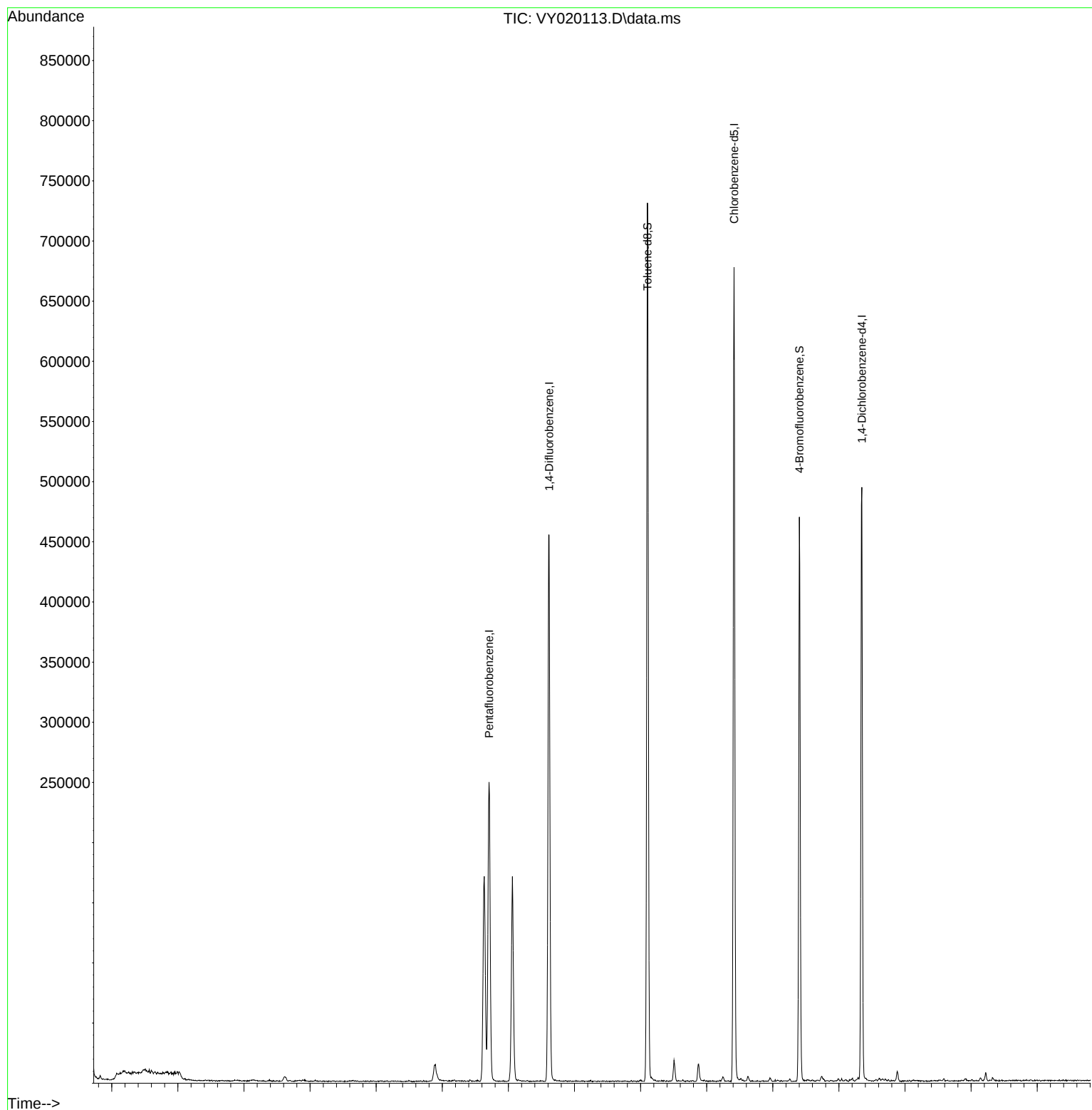
Internal Standards						
1) Pentafluorobenzene	7.707	168	175147	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	365073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122950	56.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.500%
35) Dibromofluoromethane	7.634	113	120462	51.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.103	98	453552	49.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.402	95	134084	44.680	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.360%
Target Compounds						
20) Methylene Chloride	4.622	84	2478	1.085	ug/l	# Qvalue 86

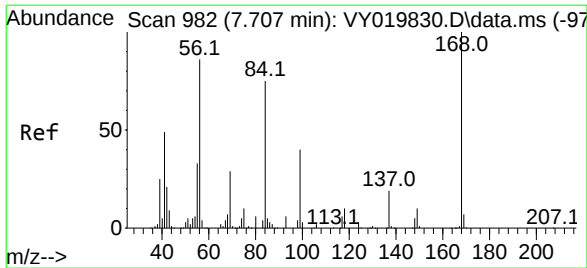
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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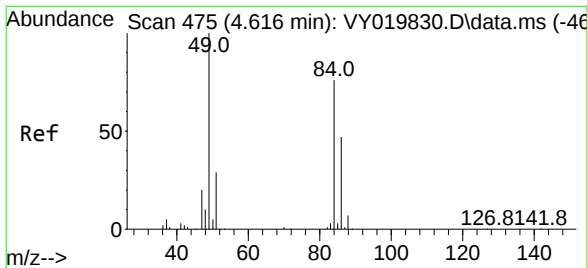
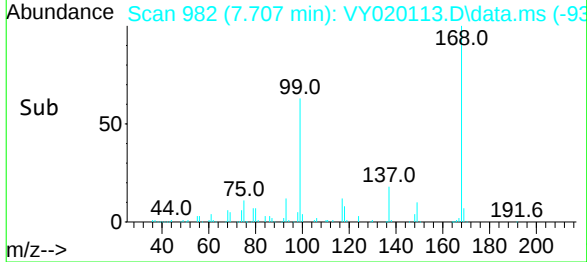
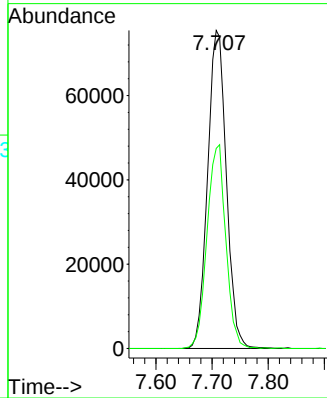
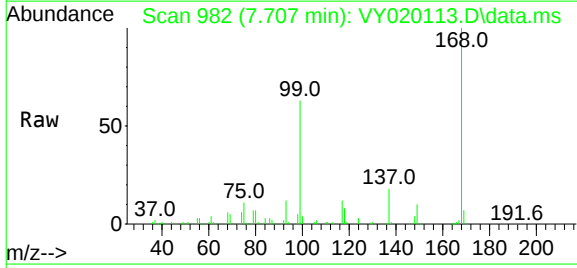




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

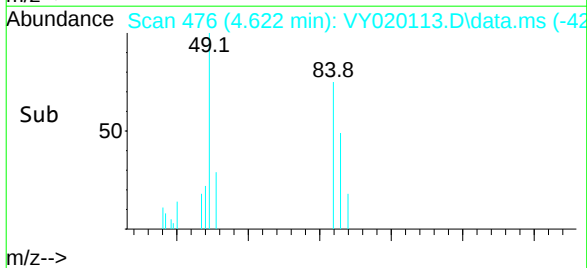
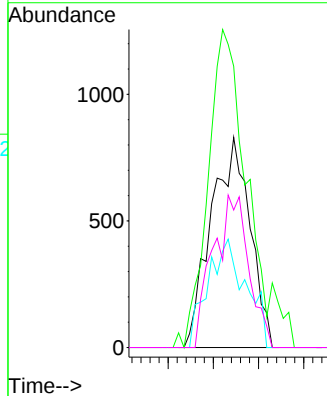
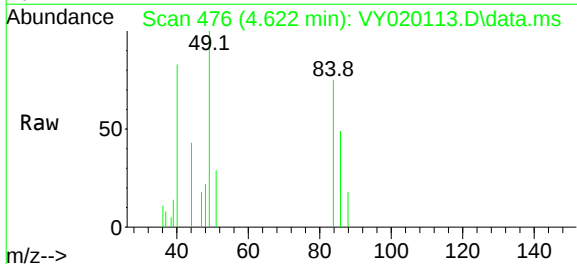
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

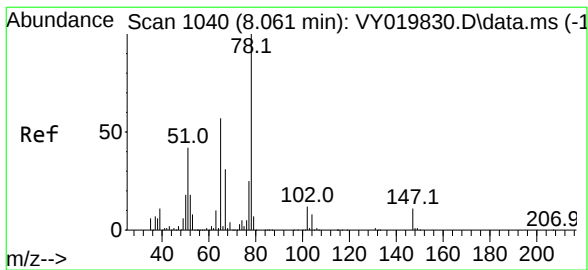
Tgt Ion:168 Resp: 175147
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 84 Resp: 2478
Ion Ratio Lower Upper
84 100
49 126.9 84.4 126.6#
51 39.4 26.0 39.0#
86 65.4 49.5 74.3

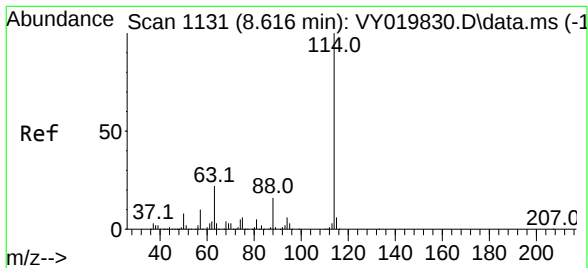
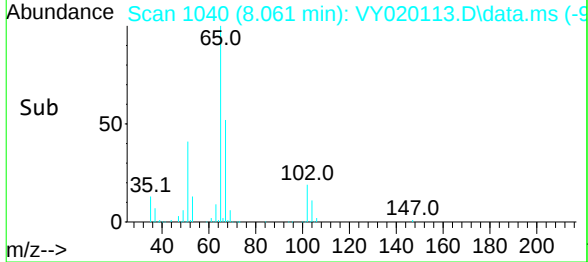
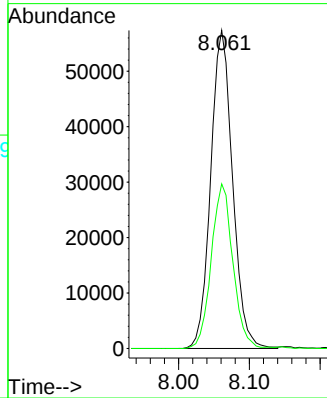
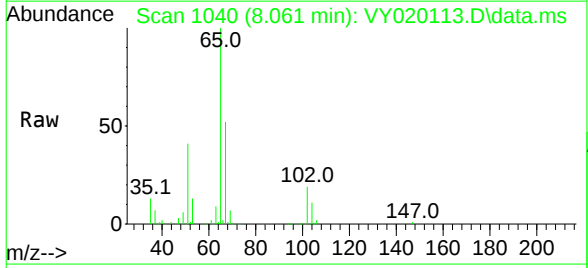




#33
1,2-Dichloroethane-d4
Concen: 56.246 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

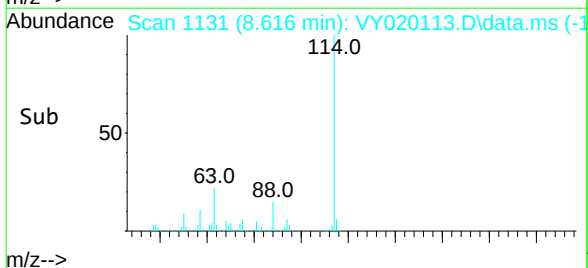
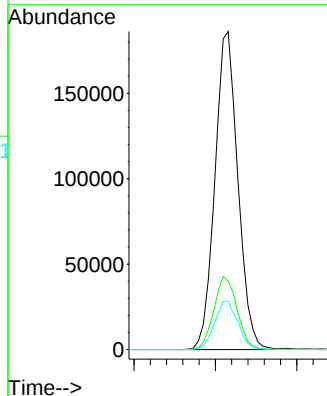
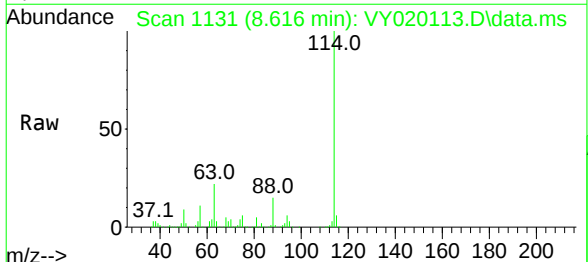
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

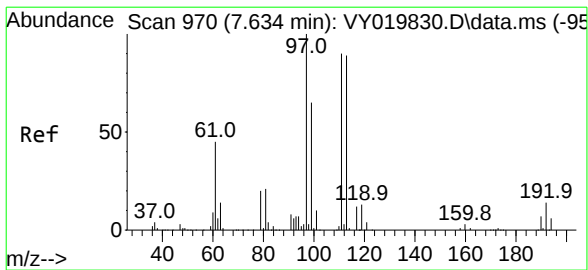
Tgt Ion: 65 Resp: 122950
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 114 Resp: 365073
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.0
88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.898 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020113.D

Acq: 01 Nov 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

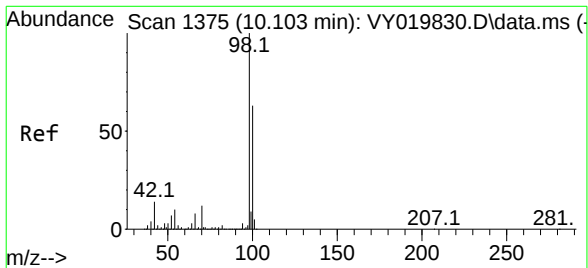
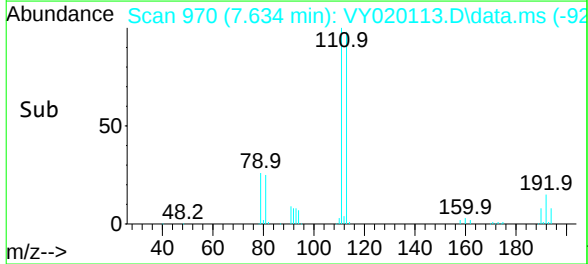
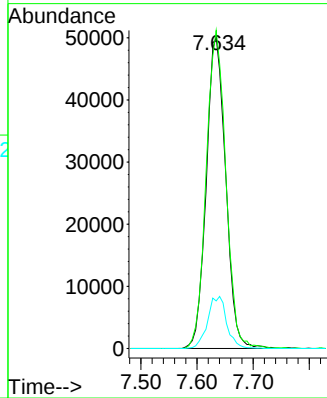
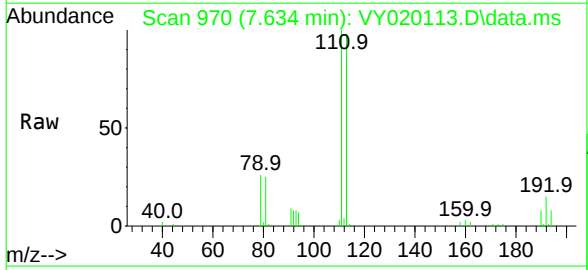
Tgt Ion:113 Resp: 120462

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 16.5 15.9 23.9



#50

Toluene-d8

Concen: 49.090 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020113.D

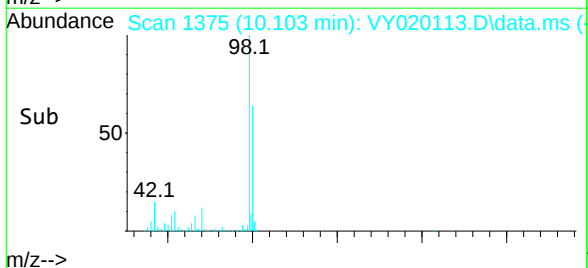
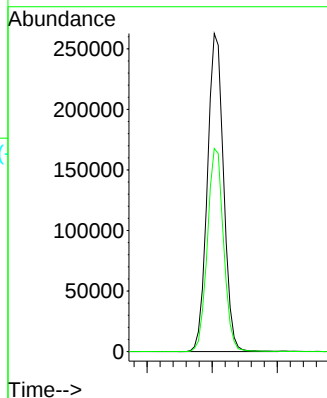
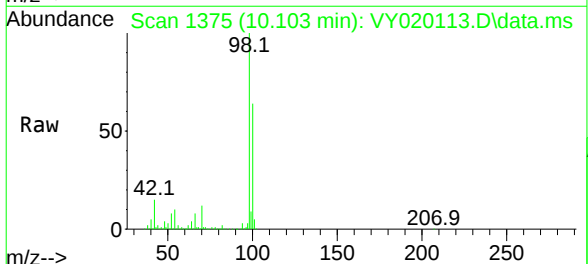
Acq: 01 Nov 2024 11:35

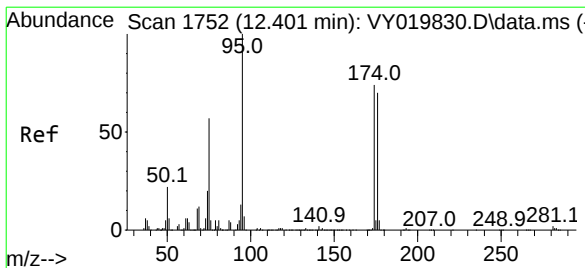
Tgt Ion: 98 Resp: 453552

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.680 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020113.D

Acq: 01 Nov 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

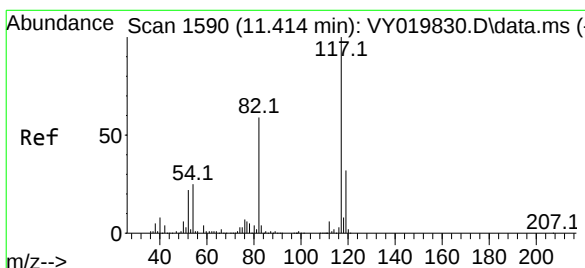
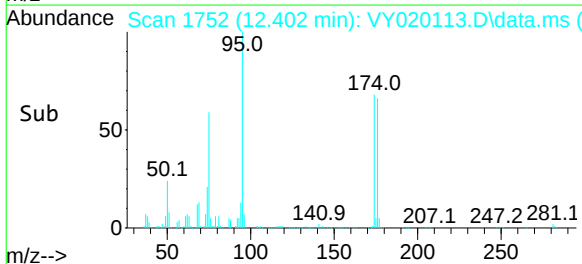
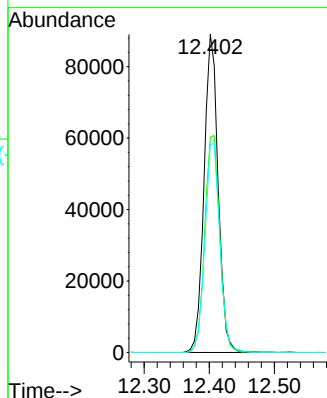
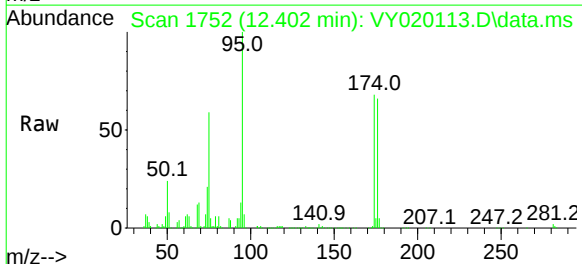
Tgt Ion: 95 Resp: 134084

Ion Ratio Lower Upper

95 100

174 72.6 0.0 175.6

176 69.4 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: VY020113.D

Acq: 01 Nov 2024 11:35

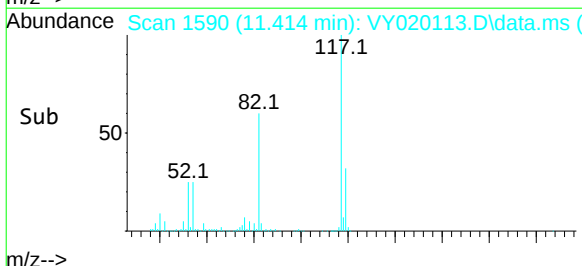
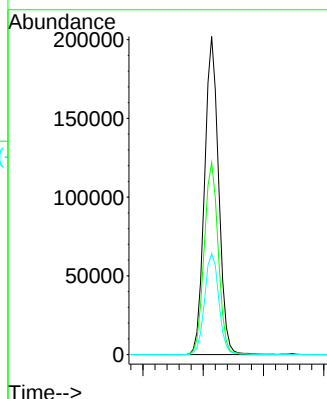
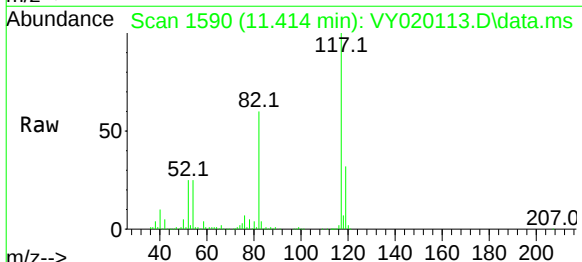
Tgt Ion: 117 Resp: 327257

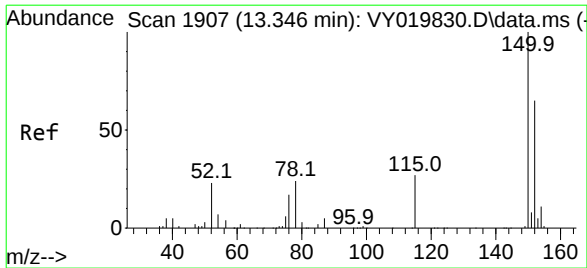
Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

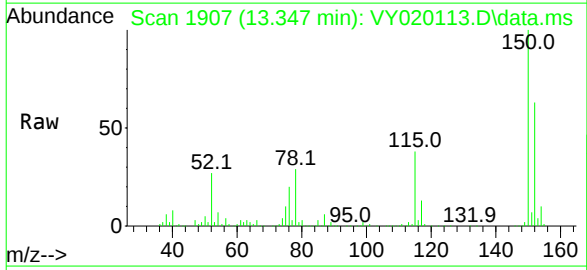
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020113.D
 Acq: 01 Nov 2024 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion:	152	Resp:	112684
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	159.1	0.0	345.6

