

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020256.D
 Acq On : 11 Nov 2024 18:19
 Operator : SY/MD
 Sample : P4796-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Nov 12 03:14:59 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	7.713	168	55021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	103993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	28003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36838	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.640	113	36413	55.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.109	98	126884	48.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.408	95	34077	39.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.720%

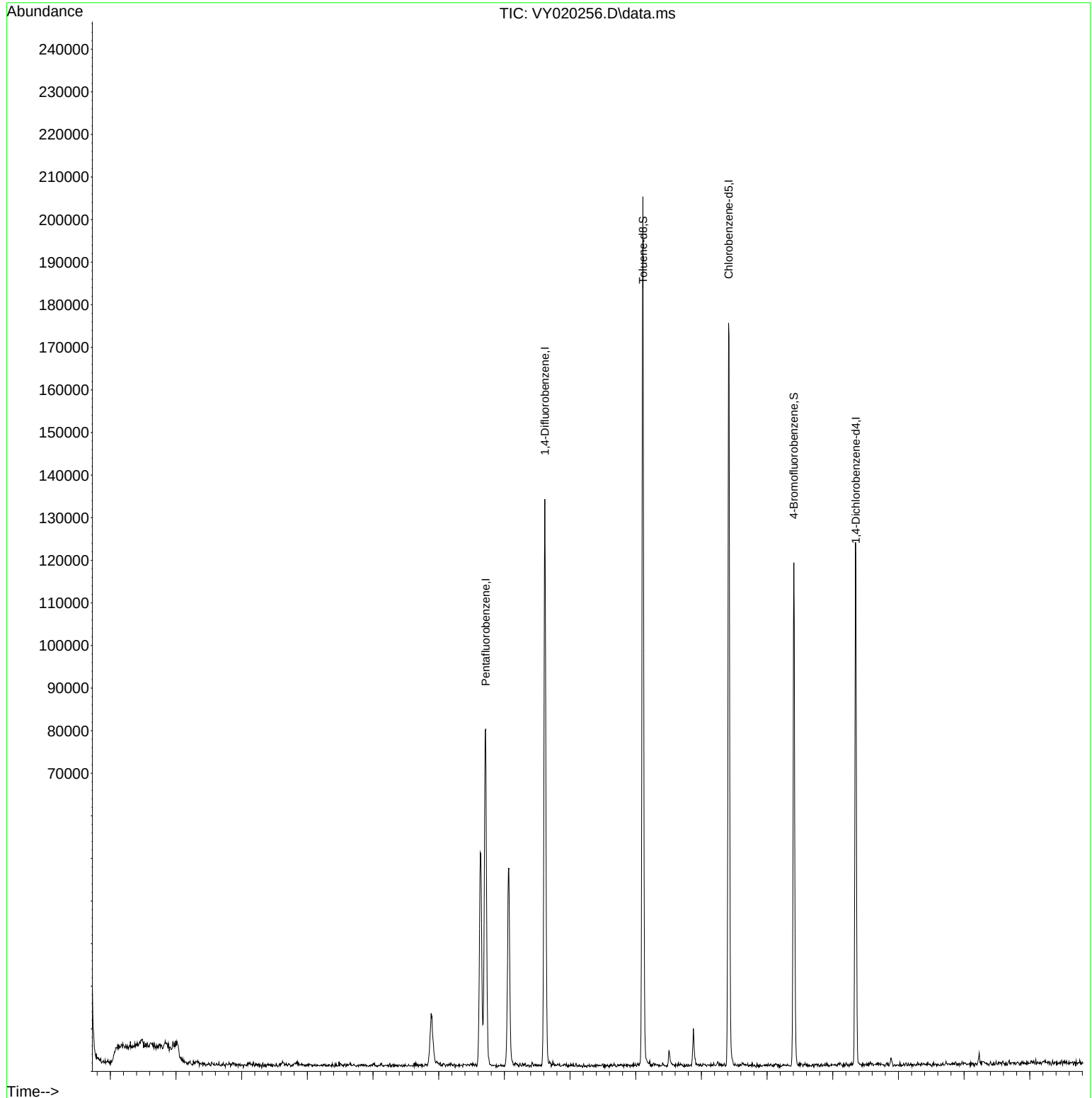
Target Compounds	Qvalue

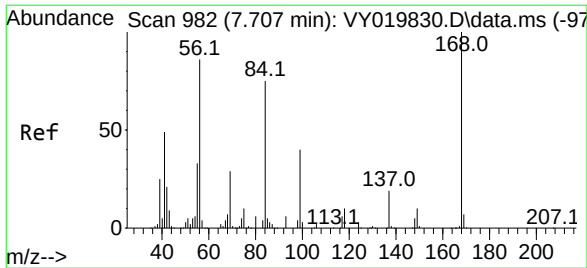
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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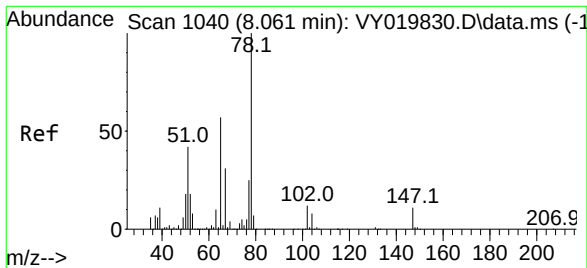
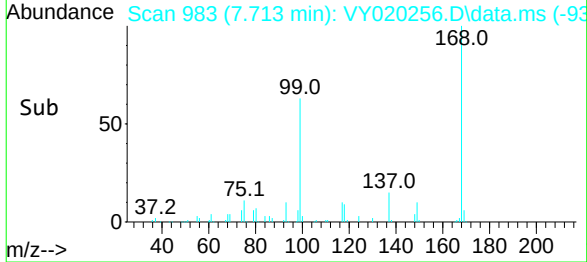
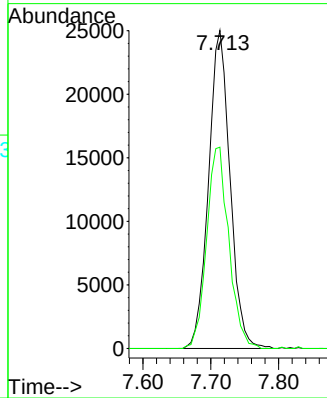
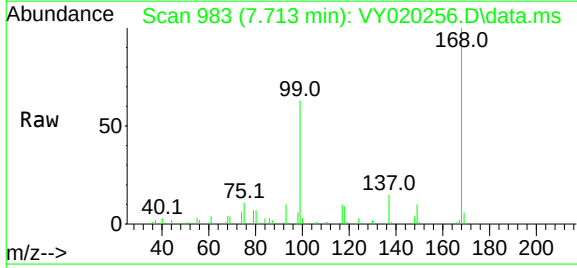




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

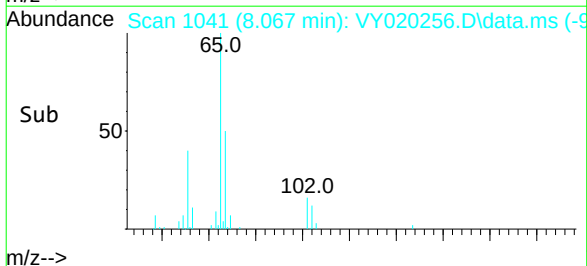
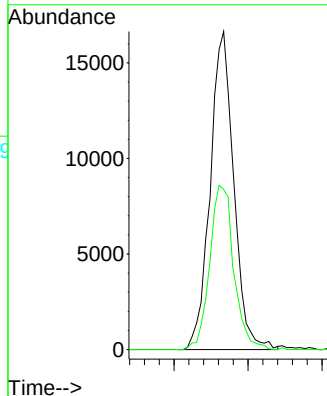
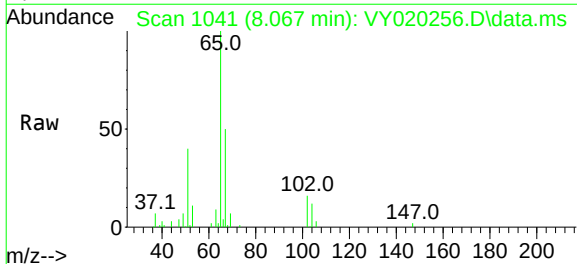
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

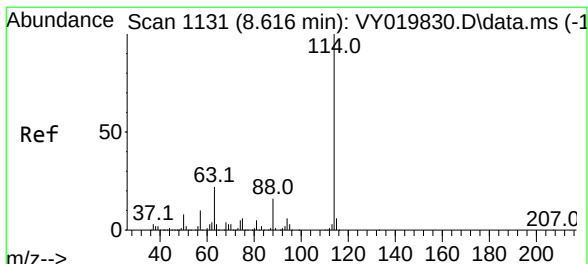
Tgt Ion: 168 Resp: 55021
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020256.D
Acq: 11 Nov 2024 18:19

Tgt Ion: 65 Resp: 36838
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

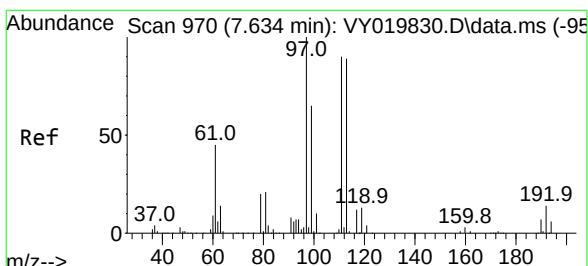
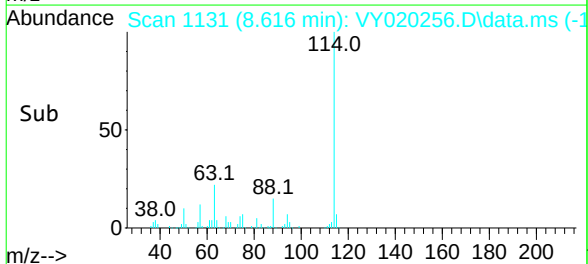
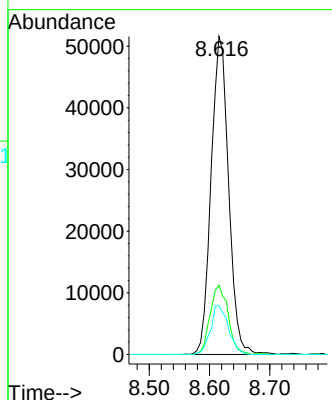
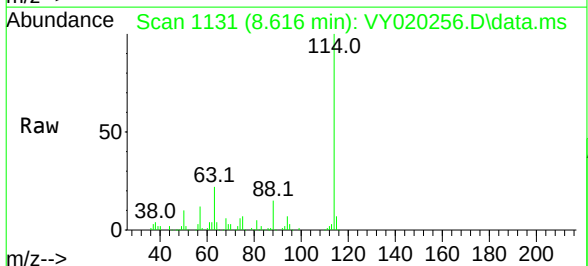




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020256.D
 Acq: 11 Nov 2024 18:19

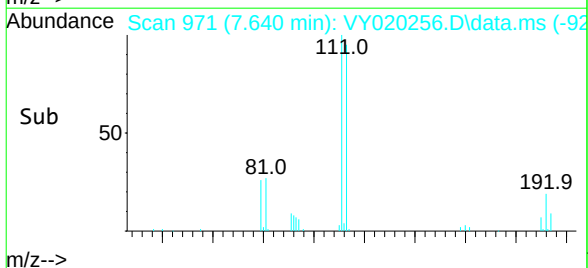
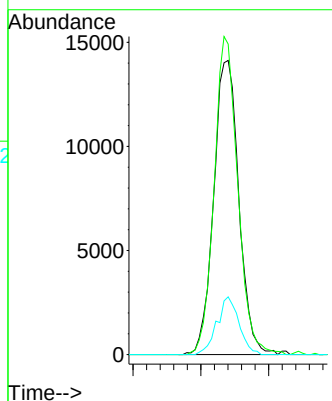
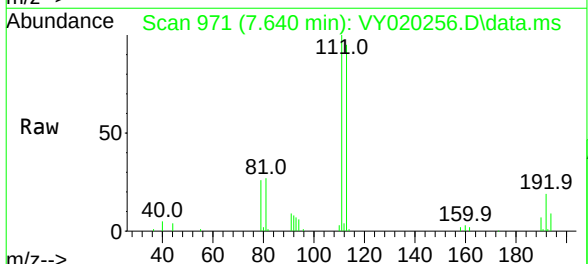
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

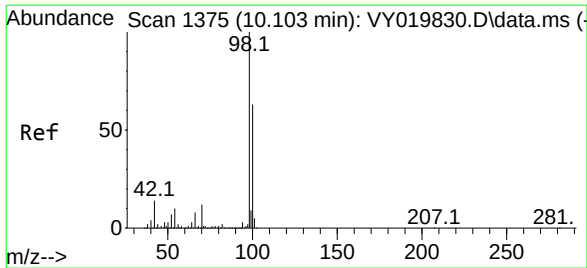
Tgt Ion:	114	Resp:	103993
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.0
88	15.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 55.073 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.007 min
 Lab File: VY020256.D
 Acq: 11 Nov 2024 18:19

Tgt Ion:	113	Resp:	36413
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	17.3	15.9	23.9





#50

Toluene-d8

Concen: 48.211 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

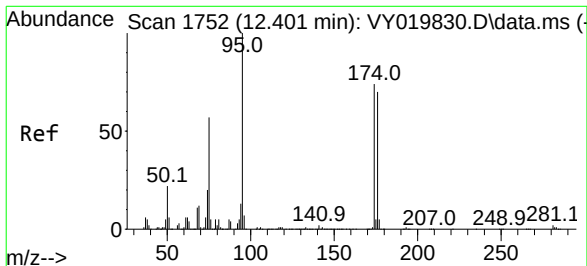
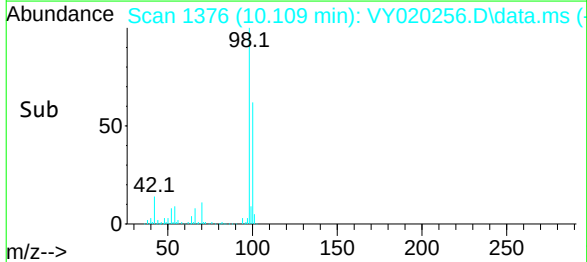
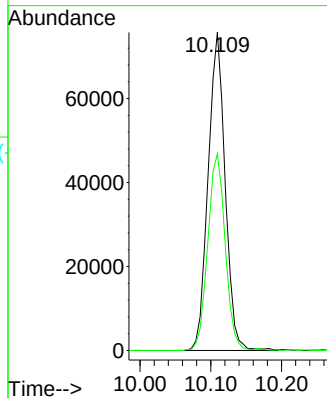
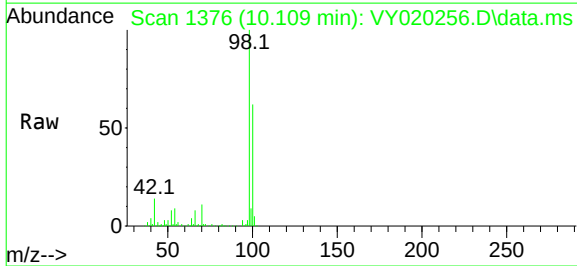
TP-3

Tgt Ion: 98 Resp: 126884

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.863 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

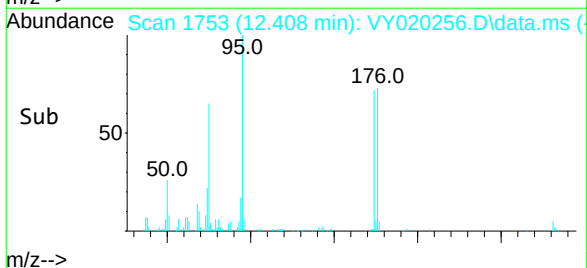
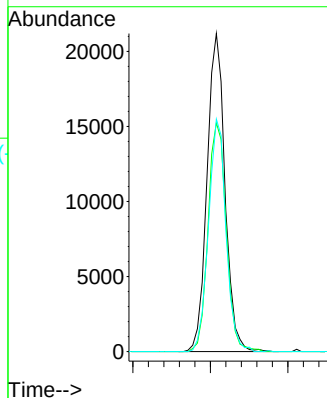
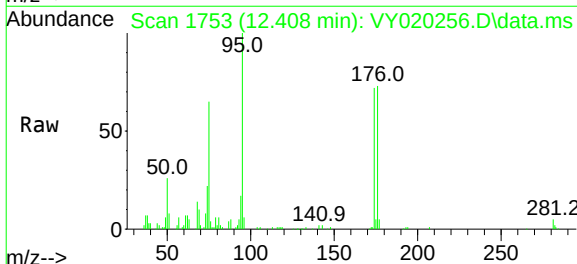
Tgt Ion: 95 Resp: 34077

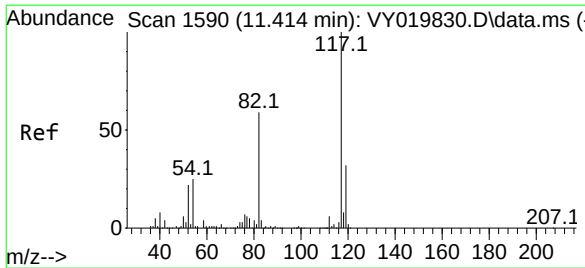
Ion Ratio Lower Upper

95 100

174 72.8 0.0 175.6

176 71.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

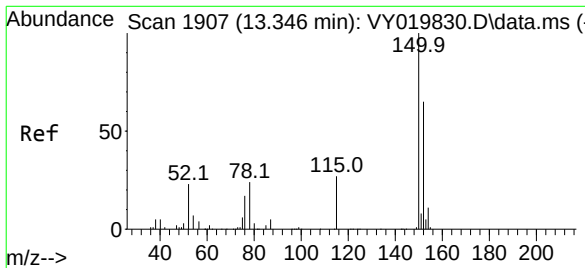
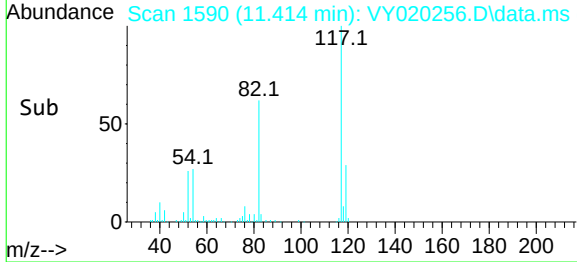
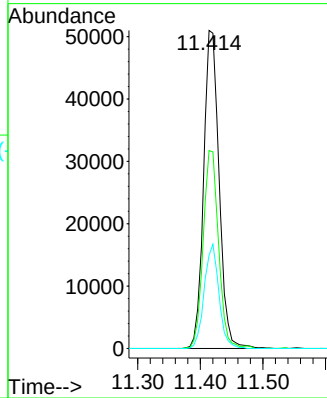
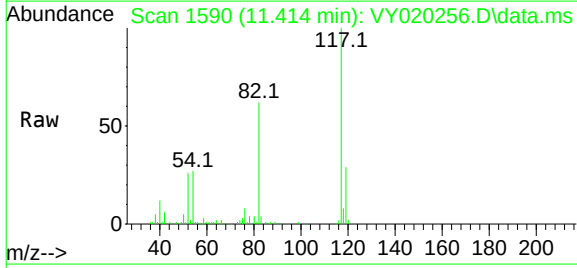
Tgt Ion:117 Resp: 87574

Ion Ratio Lower Upper

117 100

82 62.2 42.4 63.6

119 29.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY020256.D

Acq: 11 Nov 2024 18:19

Tgt Ion:152 Resp: 28003

Ion Ratio Lower Upper

152 100

115 59.5 28.2 84.7

150 153.0 0.0 345.6

