

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020567.D
 Acq On : 10 Dec 2024 14:13
 Operator : SY/MD
 Sample : P5175-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-12062024RE

Quant Time: Dec 11 00:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	20162	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	28458	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	20266	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	5735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	8823	43.028	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.634	113	8913	49.750	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.103	98	32832	48.127	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.401	95	7532	31.568	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.140%

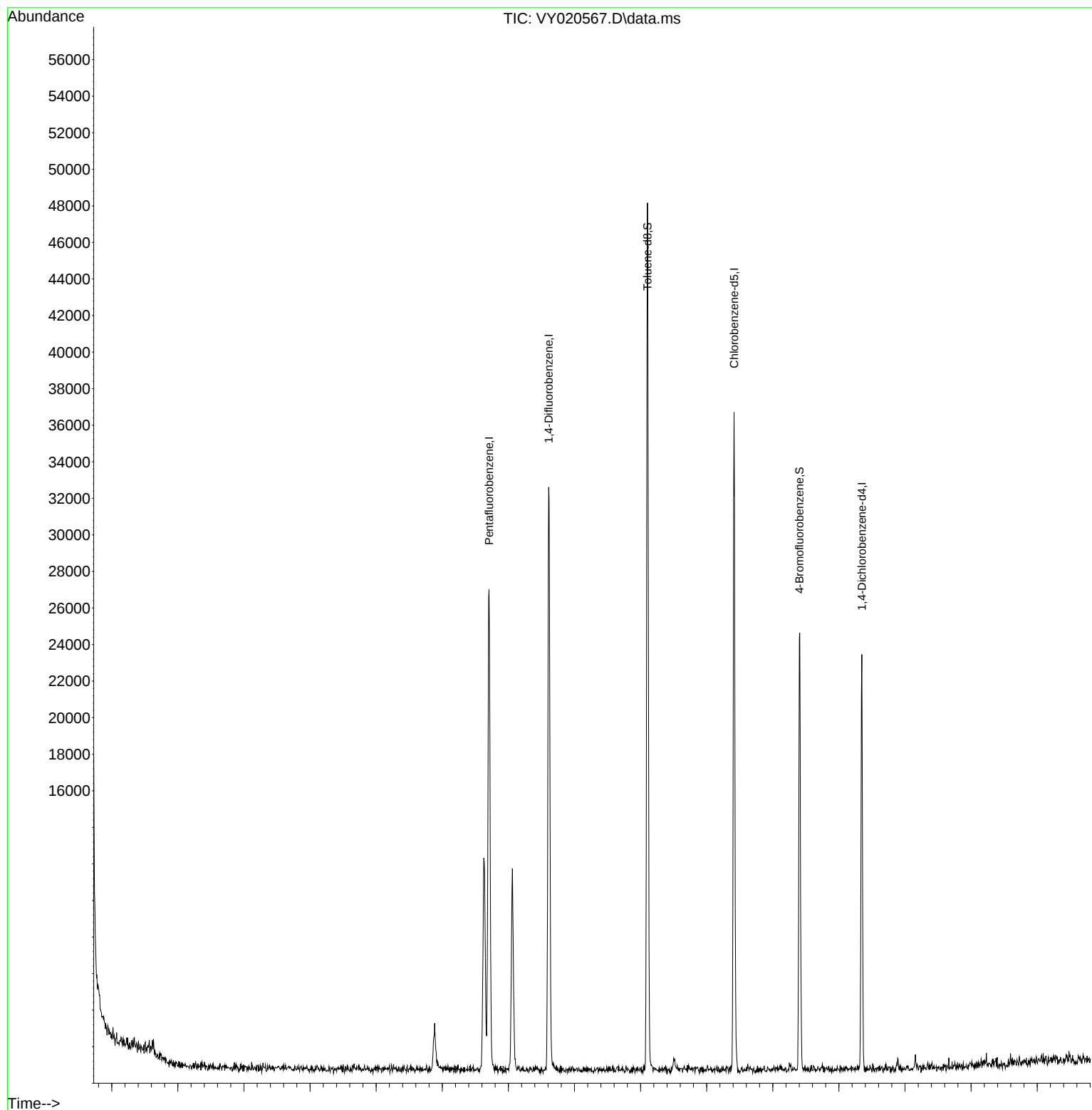
Target Compounds	Qvalue

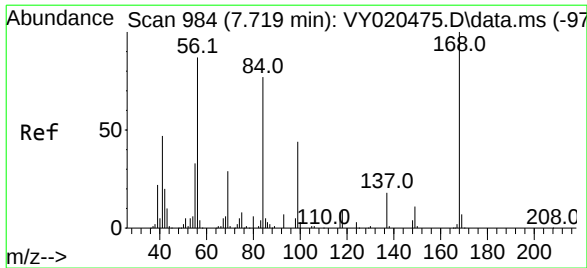
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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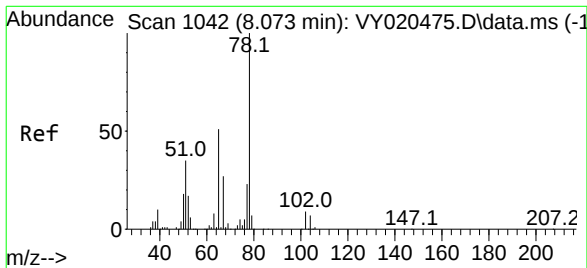
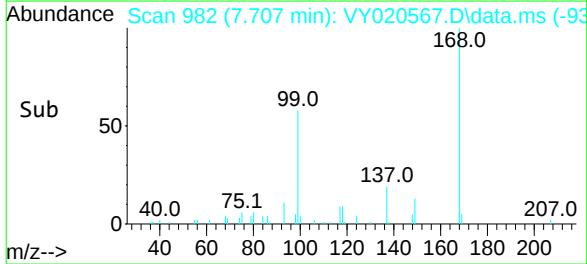
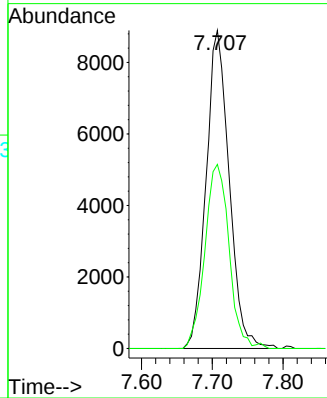
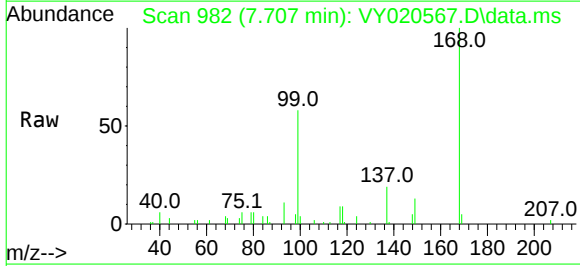




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

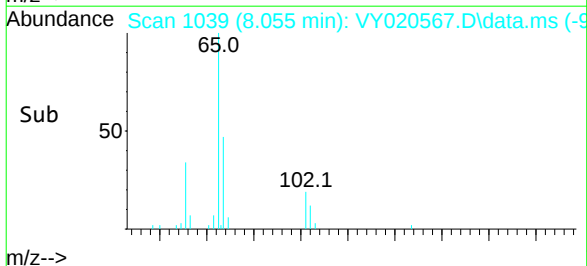
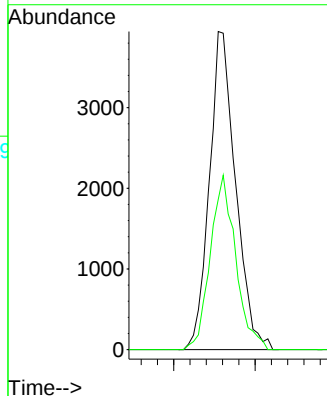
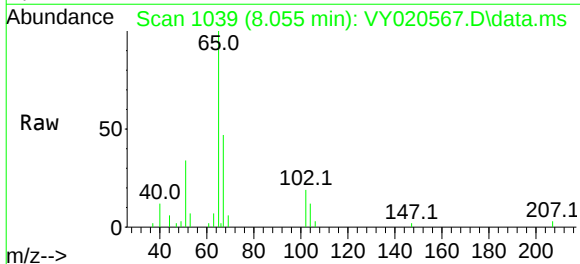
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024RE

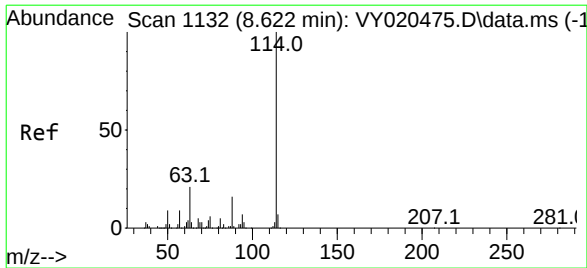
Tgt Ion:168 Resp: 20162
Ion Ratio Lower Upper
168 100
99 57.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 43.028 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Tgt Ion: 65 Resp: 8823
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

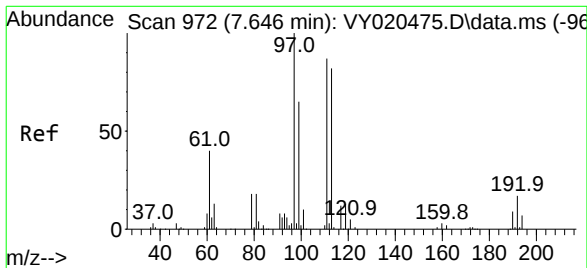
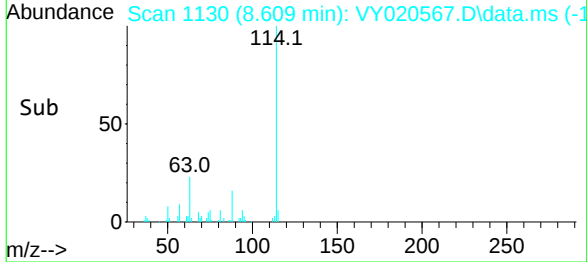
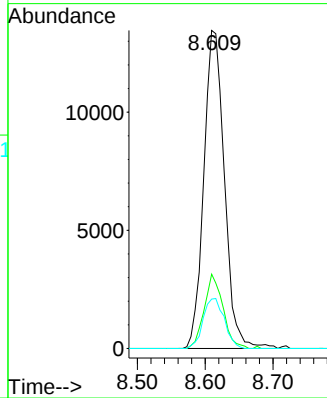
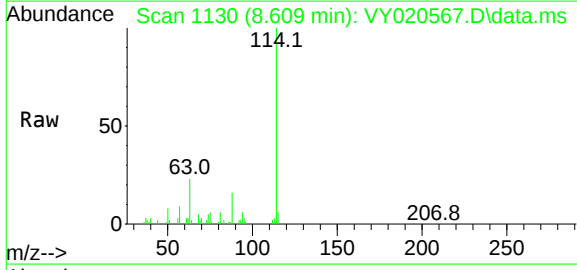




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

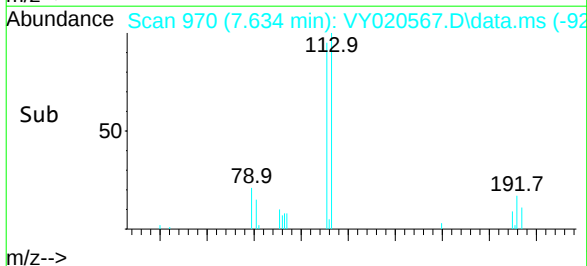
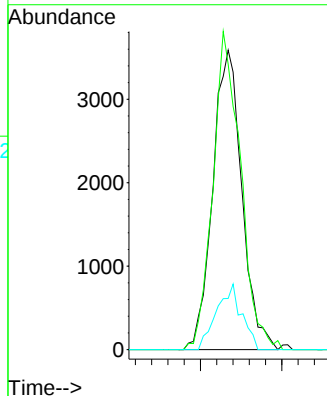
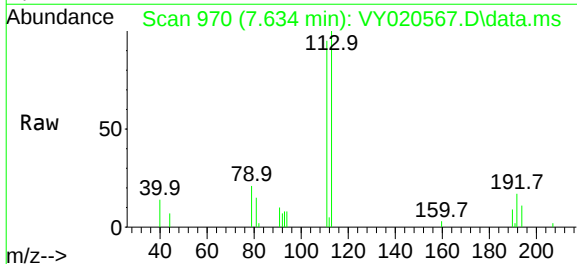
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-12062024RE

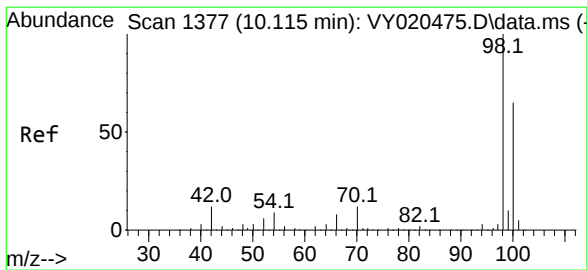
Tgt	Ion	114	Resp:	28458
Ion	Ratio	Lower	Upper	
114	100			
63	23.4	0.0	44.8	
88	15.5	0.0	32.0	



#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Tgt	Ion	113	Resp:	8913
Ion	Ratio	Lower	Upper	
113	100			
111	101.3	81.4	122.0	
192	18.7	15.1	22.7	





#50

Toluene-d8

Concen: 48.127 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020567.D

Acq: 10 Dec 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

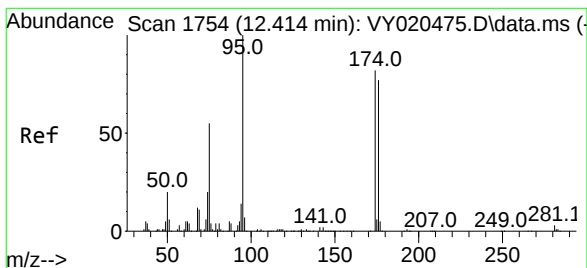
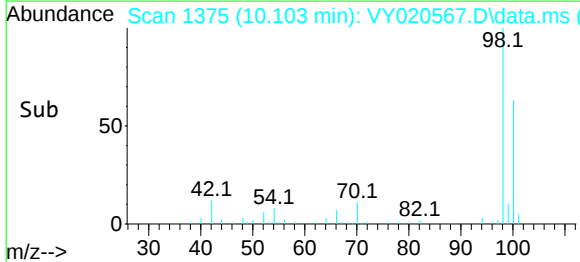
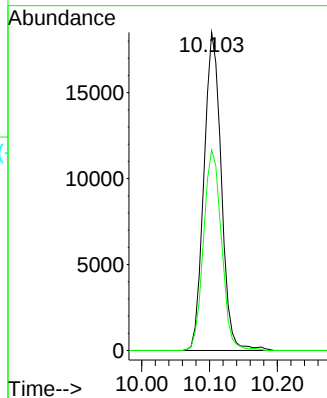
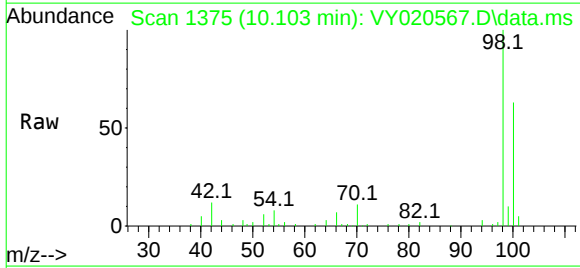
OK-01-12062024RE

Tgt Ion: 98 Resp: 32832

Ion Ratio Lower Upper

98 100

100 65.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 31.568 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020567.D

Acq: 10 Dec 2024 14:13

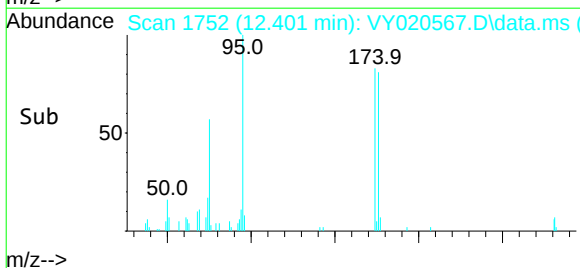
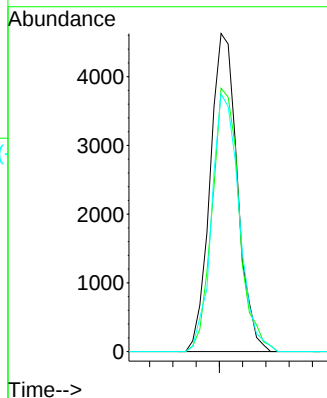
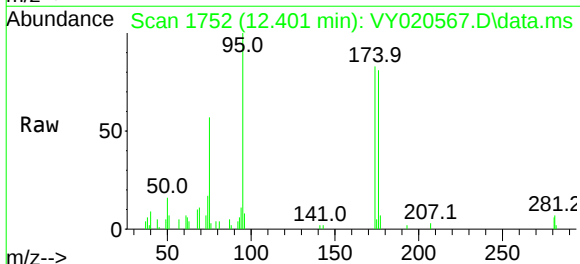
Tgt Ion: 95 Resp: 7532

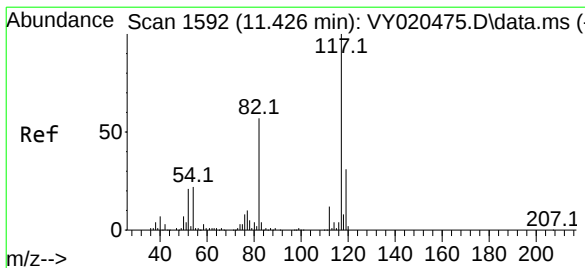
Ion Ratio Lower Upper

95 100

174 82.2 0.0 156.8

176 81.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020567.D

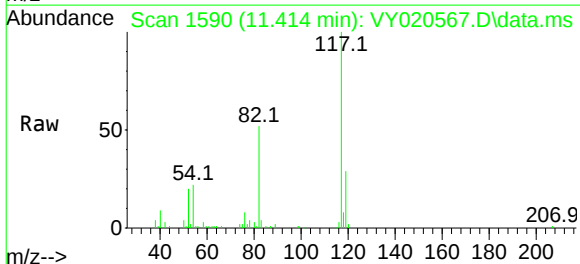
Acq: 10 Dec 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-12062024RE



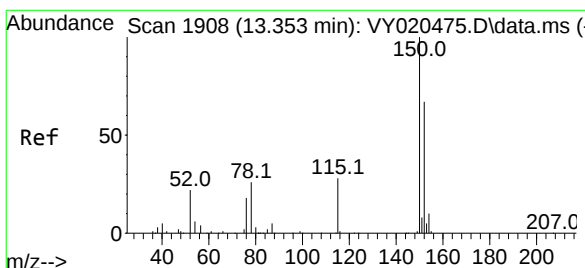
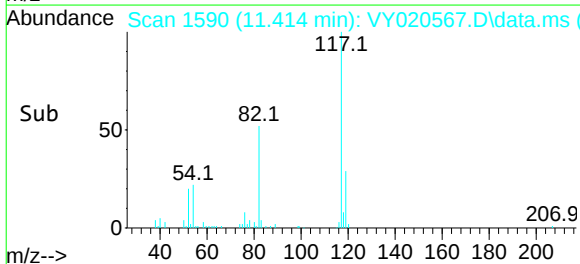
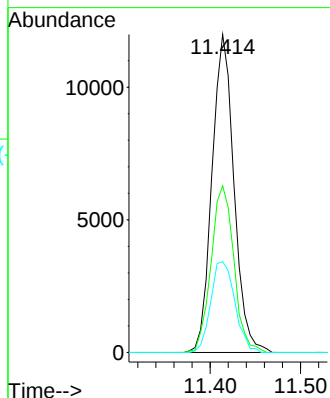
Tgt Ion:117 Resp: 20266

Ion Ratio Lower Upper

117 100

82 52.4 48.2 72.4

119 28.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020567.D

Acq: 10 Dec 2024 14:13

Tgt Ion:152 Resp: 5735

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 158.8 0.0 348.2

