

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020574.D
 Acq On : 10 Dec 2024 17:20
 Operator : SY/MD
 Sample : P5194-06
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-4

Quant Time: Dec 11 00:52:22 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	151423	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	263038	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	223099	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	90370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85874	55.762	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.634	113	84129	50.804	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.103	98	314056	49.806	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.402	95	96656	43.828	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.660%

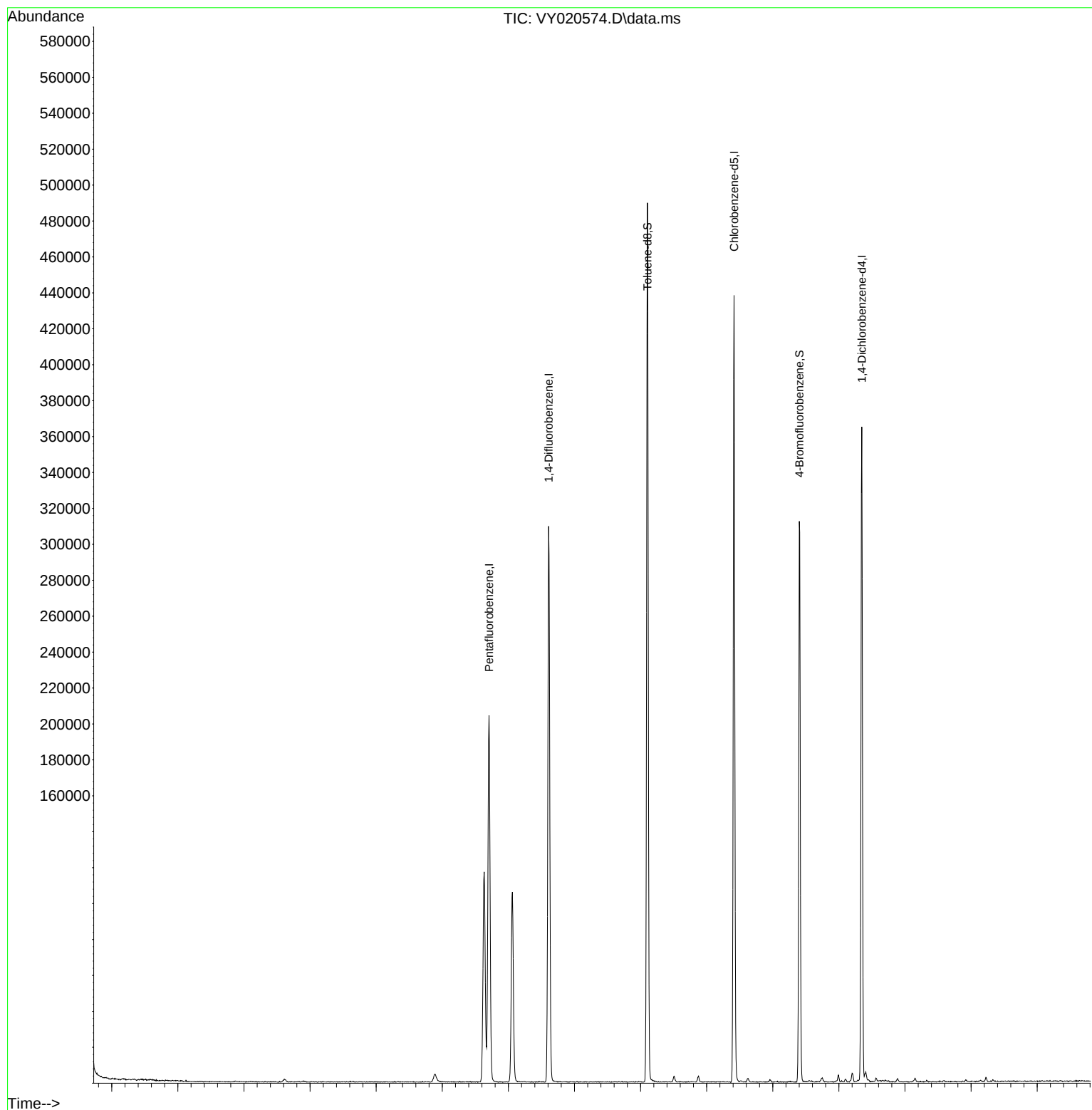
Target Compounds Qvalue

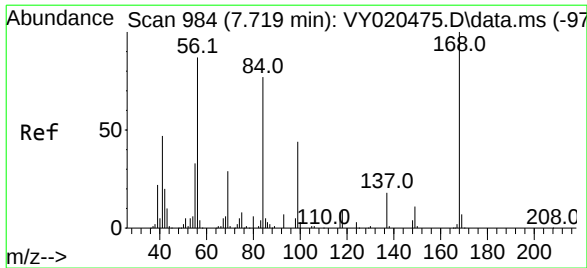
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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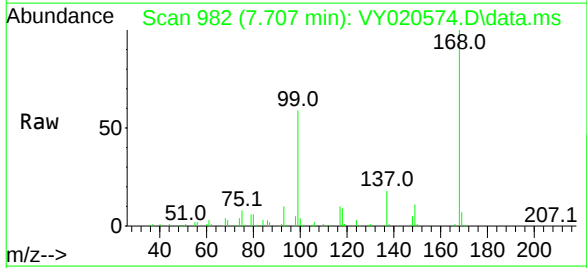
Quant Time: Dec 11 00:52:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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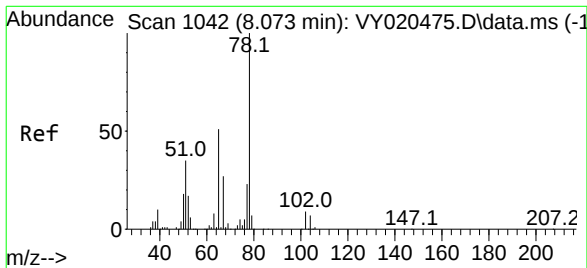
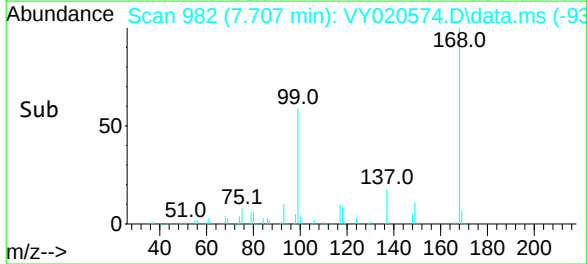
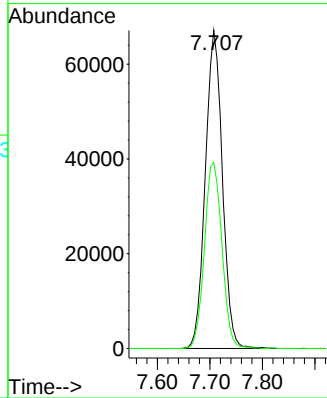


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :
WP-4

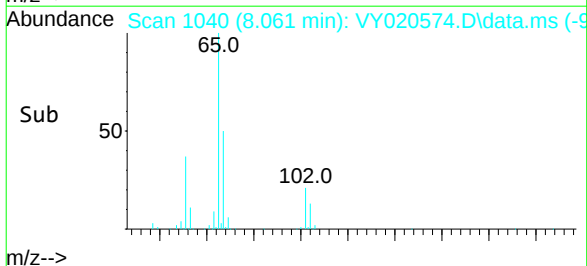
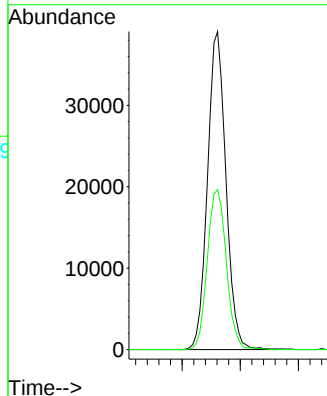
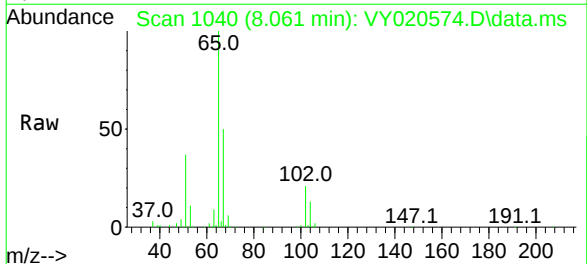


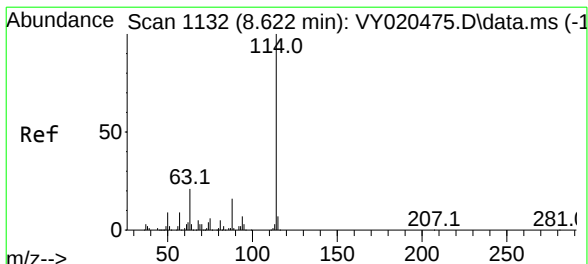
Tgt Ion:168 Resp: 151423
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.762 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

Tgt Ion: 65 Resp: 85874
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8

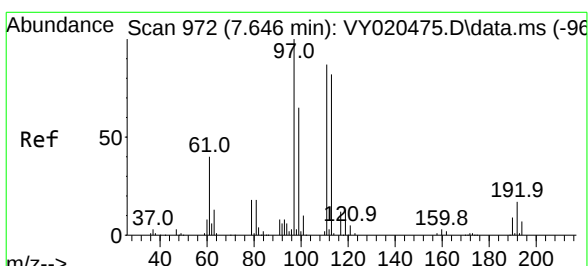
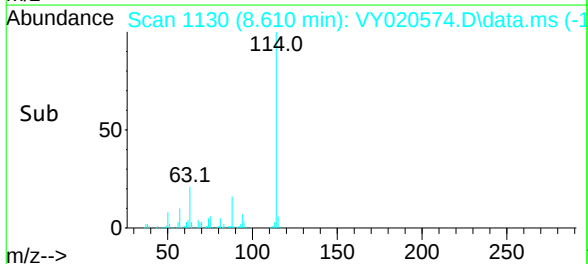
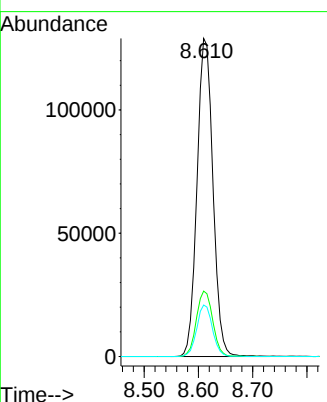
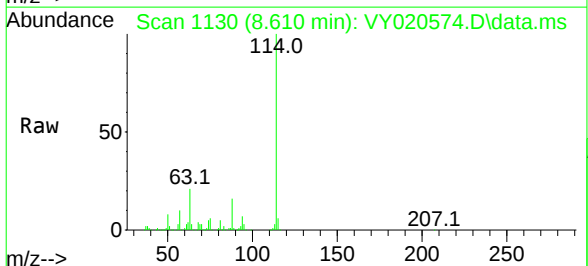




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020574.D
 Acq: 10 Dec 2024 17:20

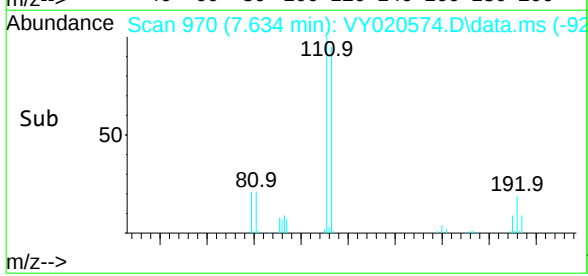
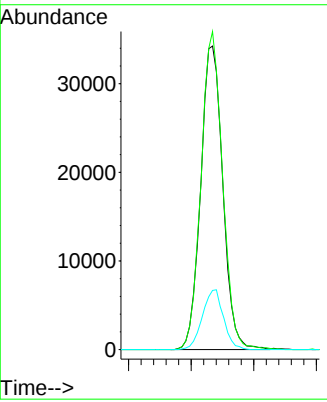
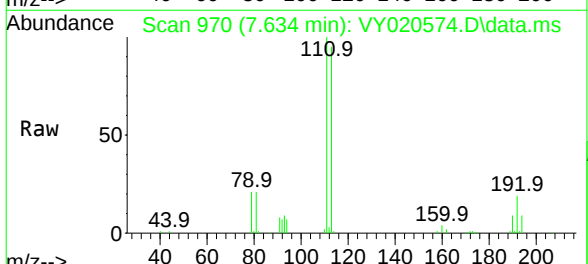
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-4

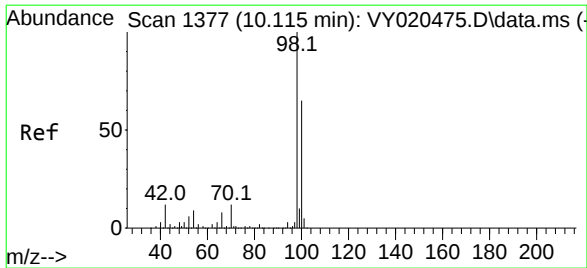
Tgt Ion:	114	Resp:	263038
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.8
88	16.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.804 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020574.D
 Acq: 10 Dec 2024 17:20

Tgt Ion:	113	Resp:	84129
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	18.8	15.1	22.7





#50

Toluene-d8

Concen: 49.806 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

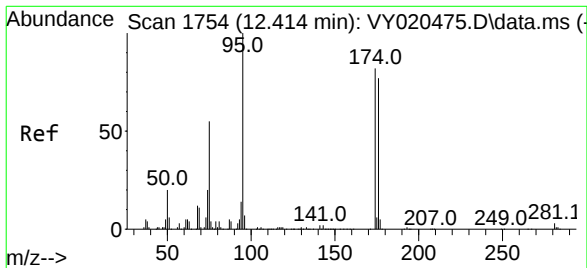
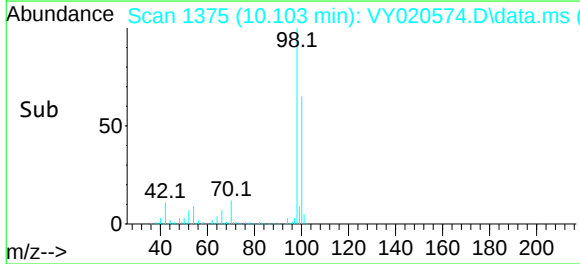
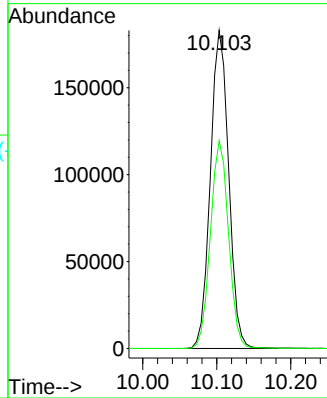
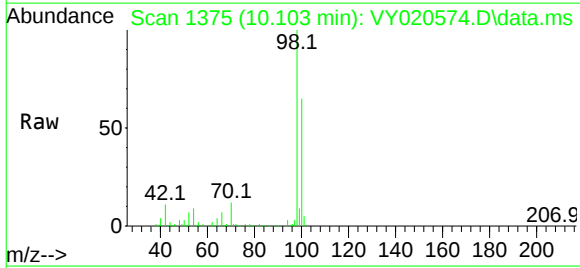
WP-4

Tgt Ion: 98 Resp: 314056

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 43.828 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

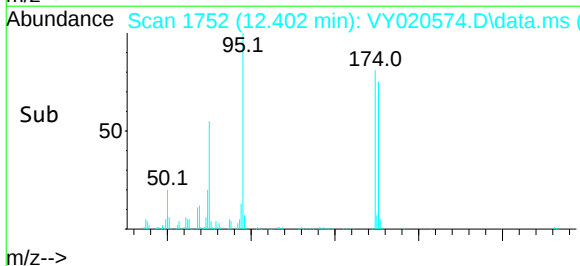
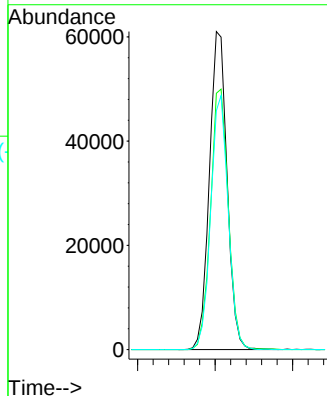
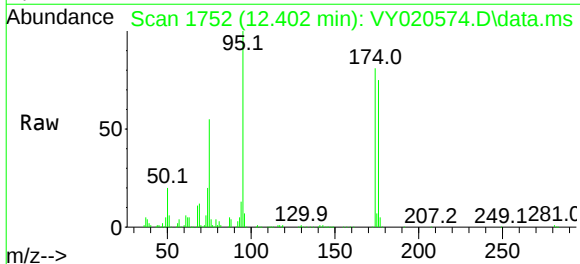
Tgt Ion: 95 Resp: 96656

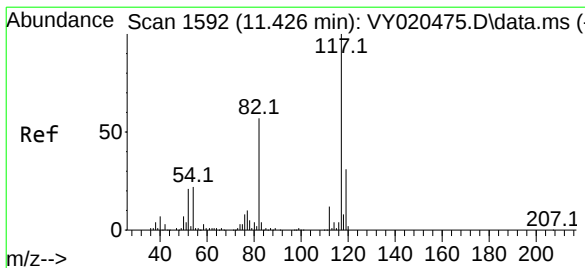
Ion Ratio Lower Upper

95 100

174 82.4 0.0 156.8

176 78.7 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: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

WP-4

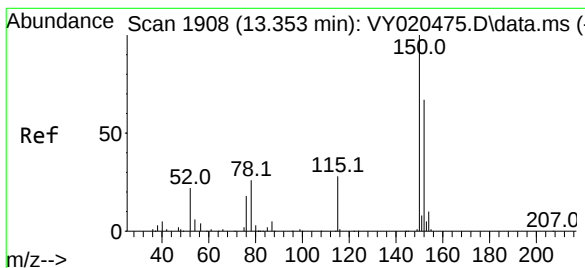
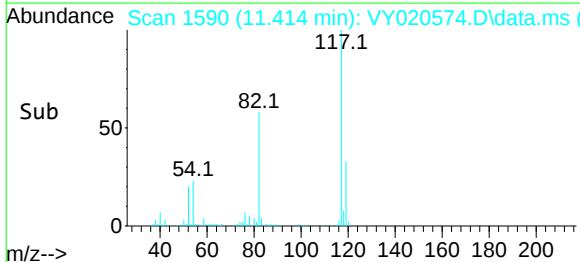
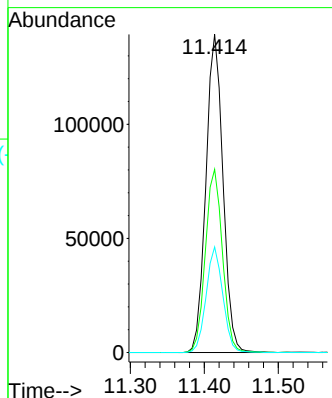
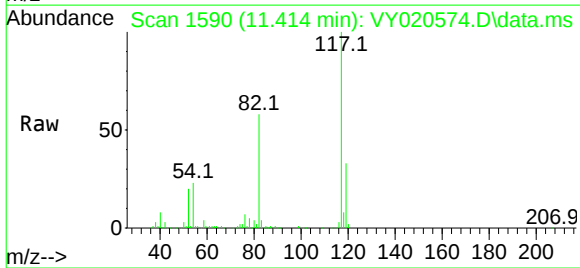
Tgt Ion:117 Resp: 223099

Ion Ratio Lower Upper

117 100

82 57.6 48.2 72.4

119 33.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Tgt Ion:152 Resp: 90370

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 155.1 0.0 348.2

