

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019818.D
 Acq On : 08 Oct 2024 11:58
 Operator : SY/MD
 Sample : VY1008SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBL01

Quant Time: Oct 09 02:05:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	240734	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	468560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	415422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146880	65.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.780%
35) Dibromofluoromethane	7.634	113	150651	56.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.420%
50) Toluene-d8	10.109	98	562386	57.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.460%
62) 4-Bromofluorobenzene	12.401	95	177805	47.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.120%

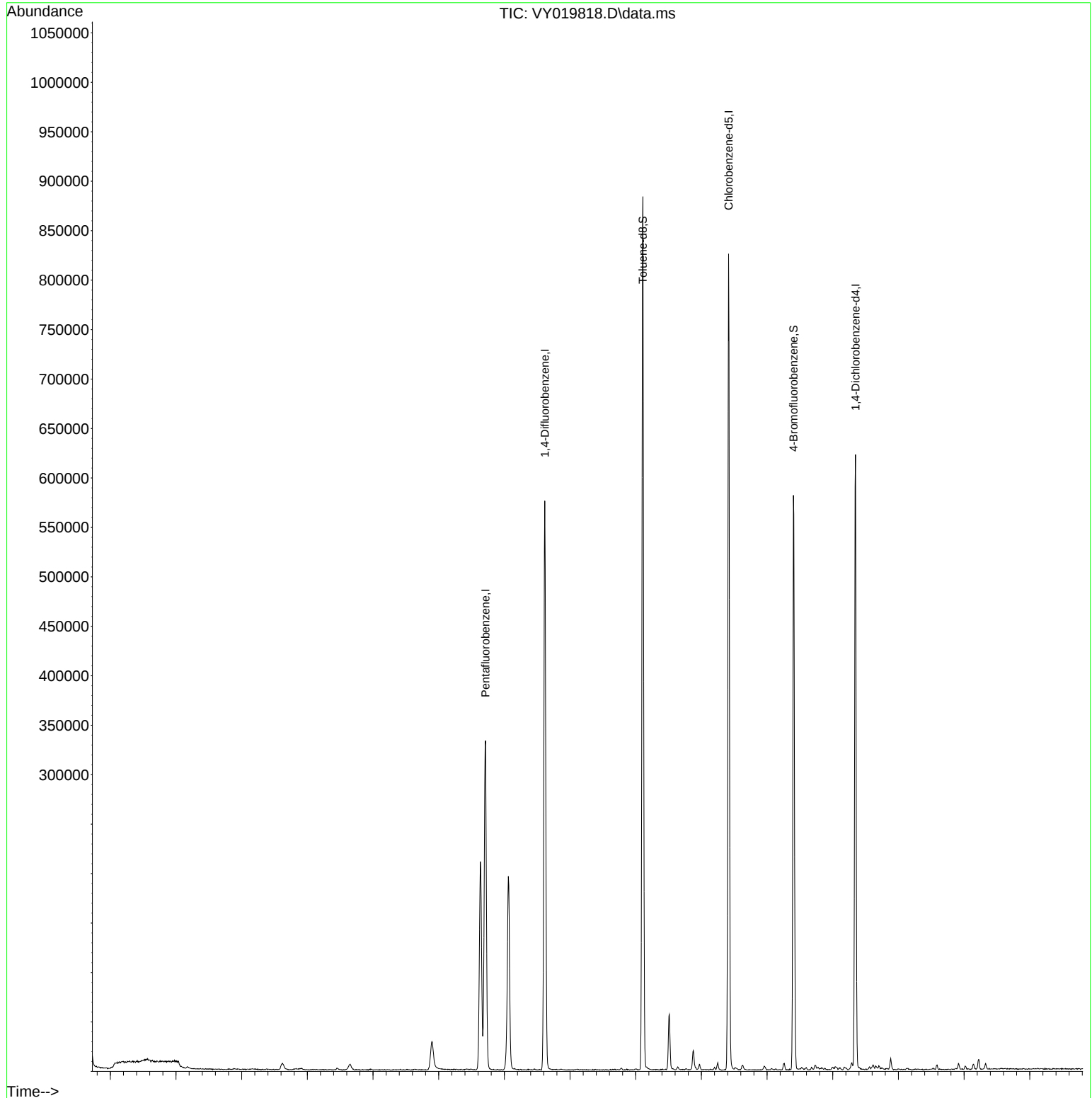
Target Compounds Qvalue

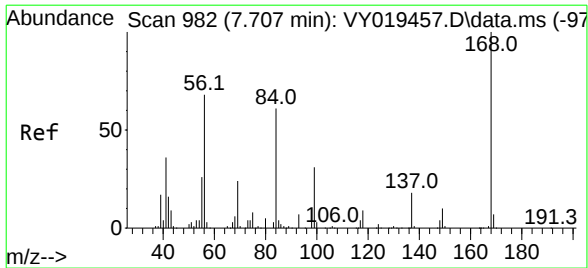
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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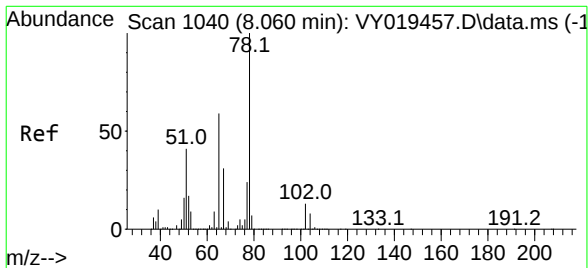
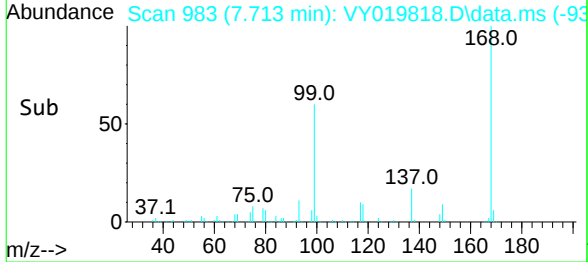
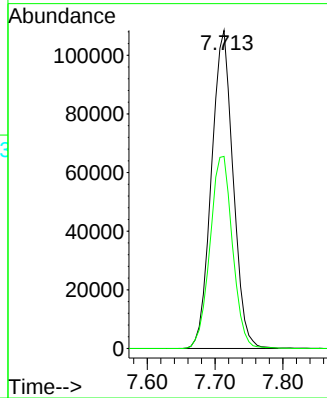
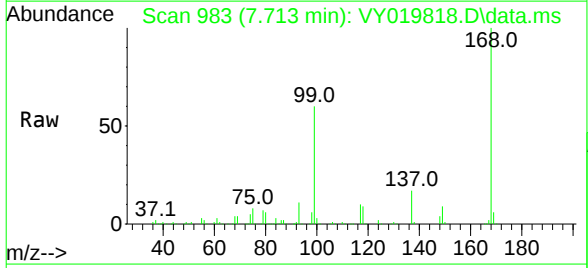




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

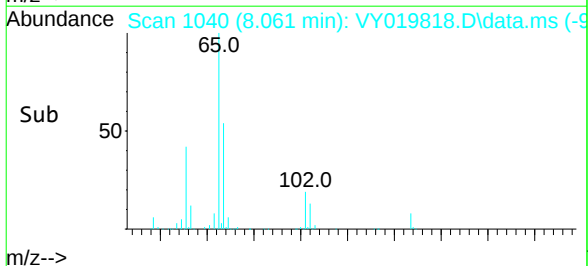
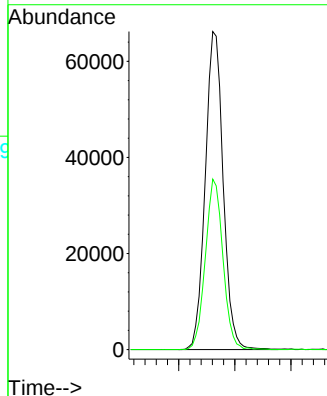
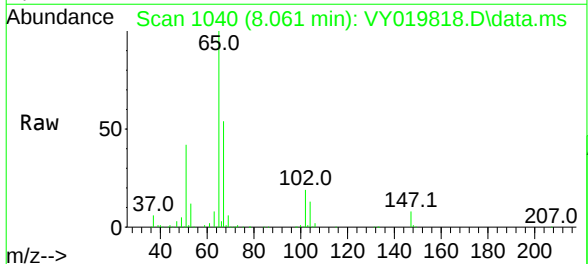
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

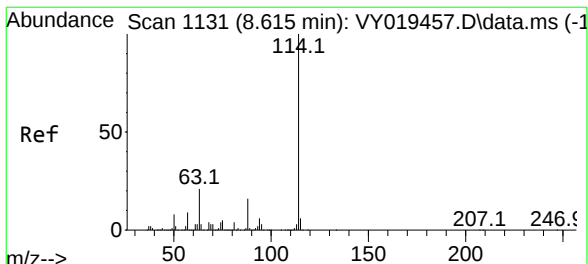
Tgt Ion:168 Resp: 240734
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.891 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 65 Resp: 146880
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

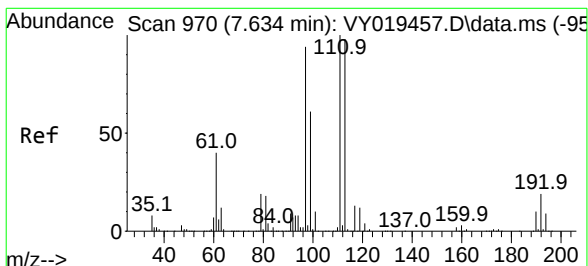
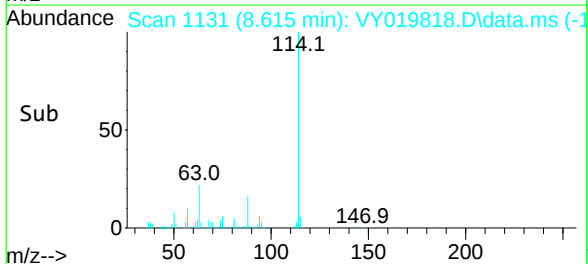
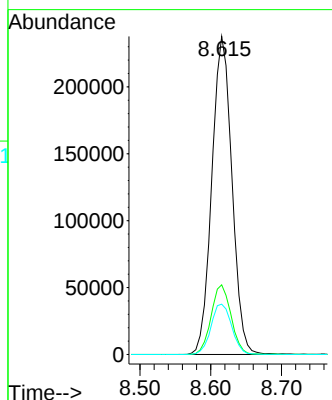
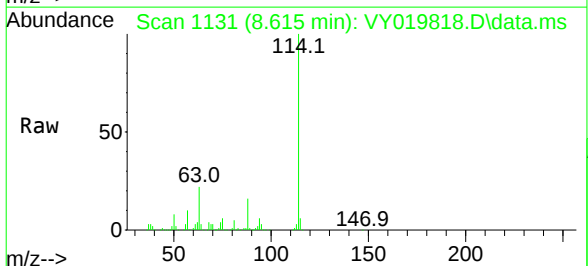




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

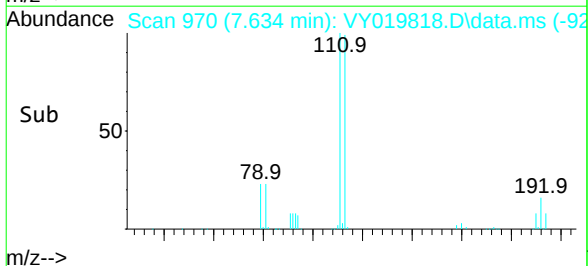
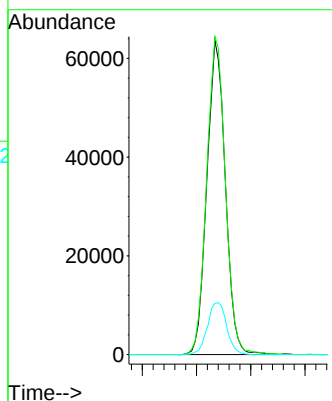
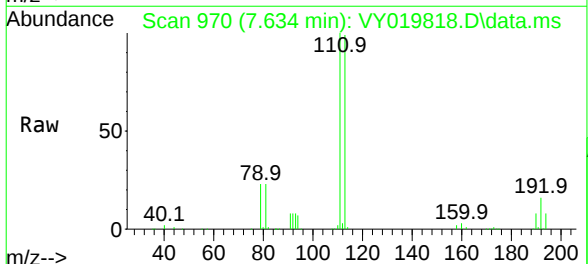
Instrument :
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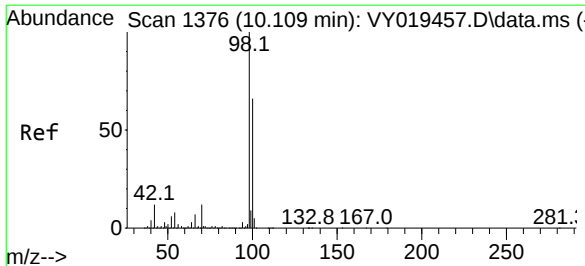
Tgt Ion:	114	Resp:	468560
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	15.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.707 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion:	113	Resp:	150651
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.2	15.9	23.9

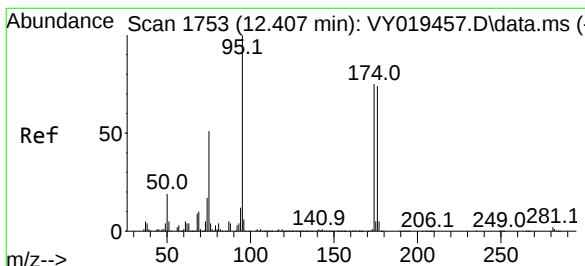
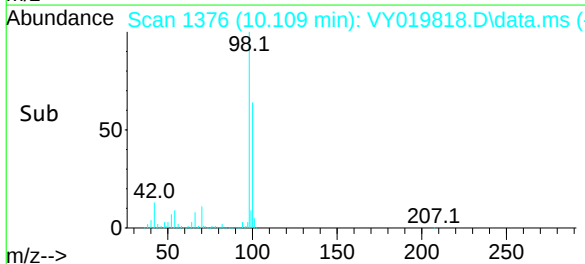
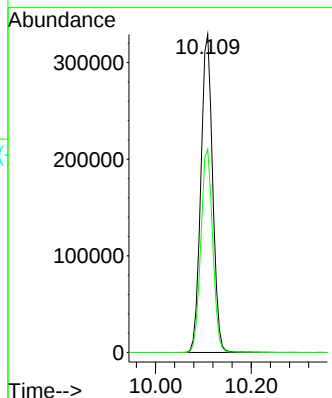
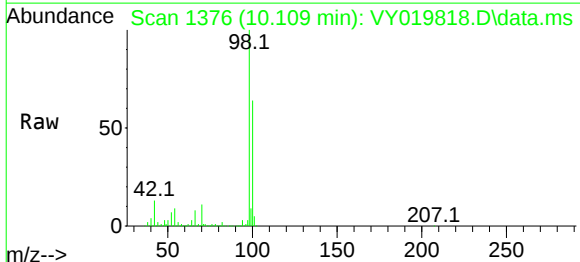




#50
Toluene-d8
Concen: 57.233 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

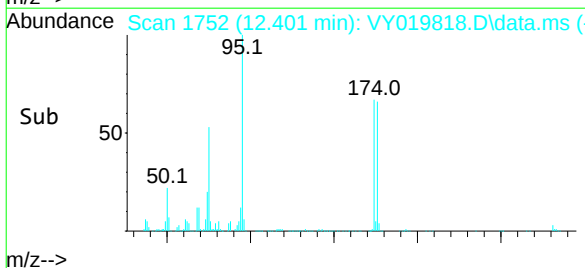
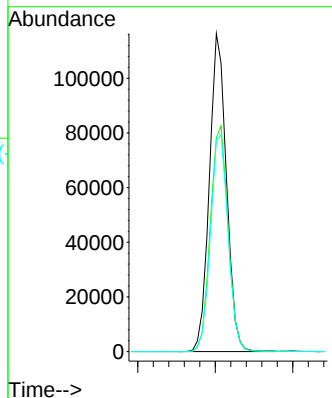
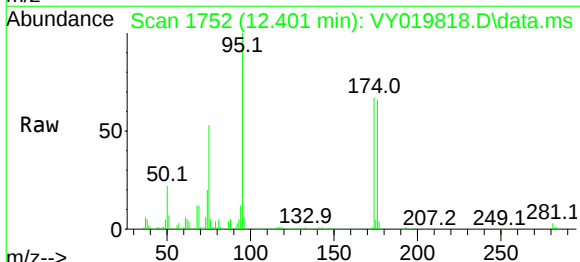
Instrument :
MSVOA_Y
ClientSampleId :
VY1008SBL01

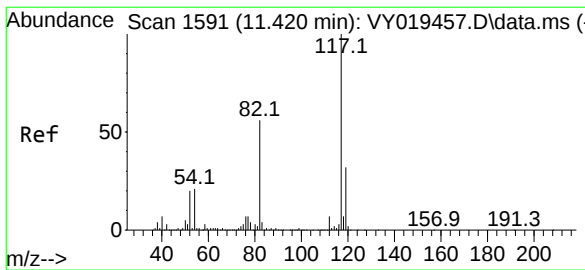
Tgt Ion: 98 Resp: 562386
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 95 Resp: 177805
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019818.D

Acq: 08 Oct 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1008SBL01

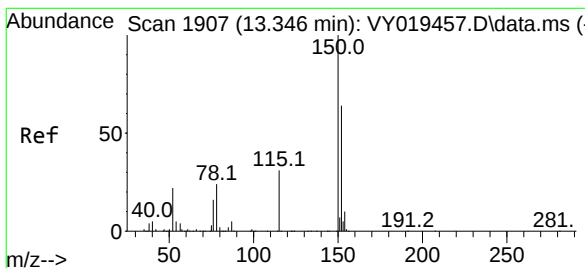
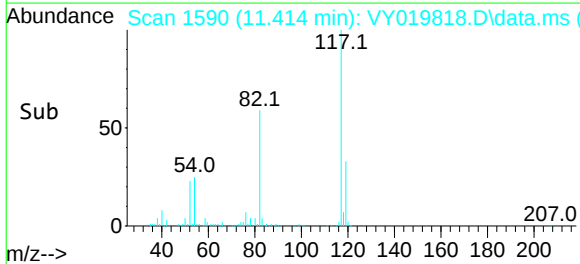
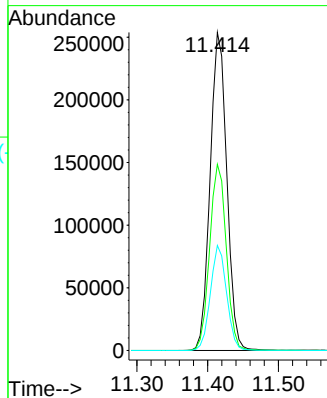
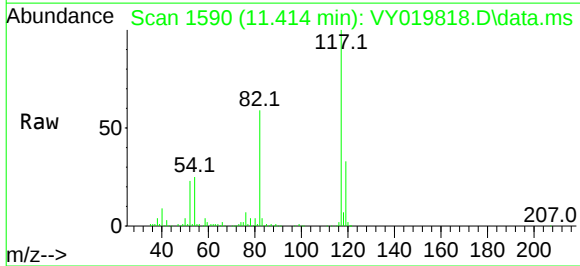
Tgt Ion:117 Resp: 415422

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019818.D

Acq: 08 Oct 2024 11:58

Tgt Ion:152 Resp: 146815

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 156.9 0.0 345.6

