

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022083.D
 Acq On : 30 Apr 2025 15:11
 Operator : SY/MD
 Sample : Q1883-13
 Misc : 14.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-18-042325

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/05/2025
 Supervised By : Mahesh Dadoda 05/05/2025

Quant Time: May 01 02:57:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.036	168	7992m	50.000	ug/l	0.33
34) 1,4-Difluorobenzene	8.713	114	15235m	50.000	ug/l	0.10
63) Chlorobenzene-d5	11.438	117	11840	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.346	152	1424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.329	65	4429m	59.997	ug/l	0.27
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.945	113	2295m	22.802	ug/l	0.31
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.600%#	
50) Toluene-d8	10.152	98	15005m	39.544	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.080%	
62) 4-Bromofluorobenzene	12.426	95	2048	16.033	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 32.060%	

Target Compounds Qvalue

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

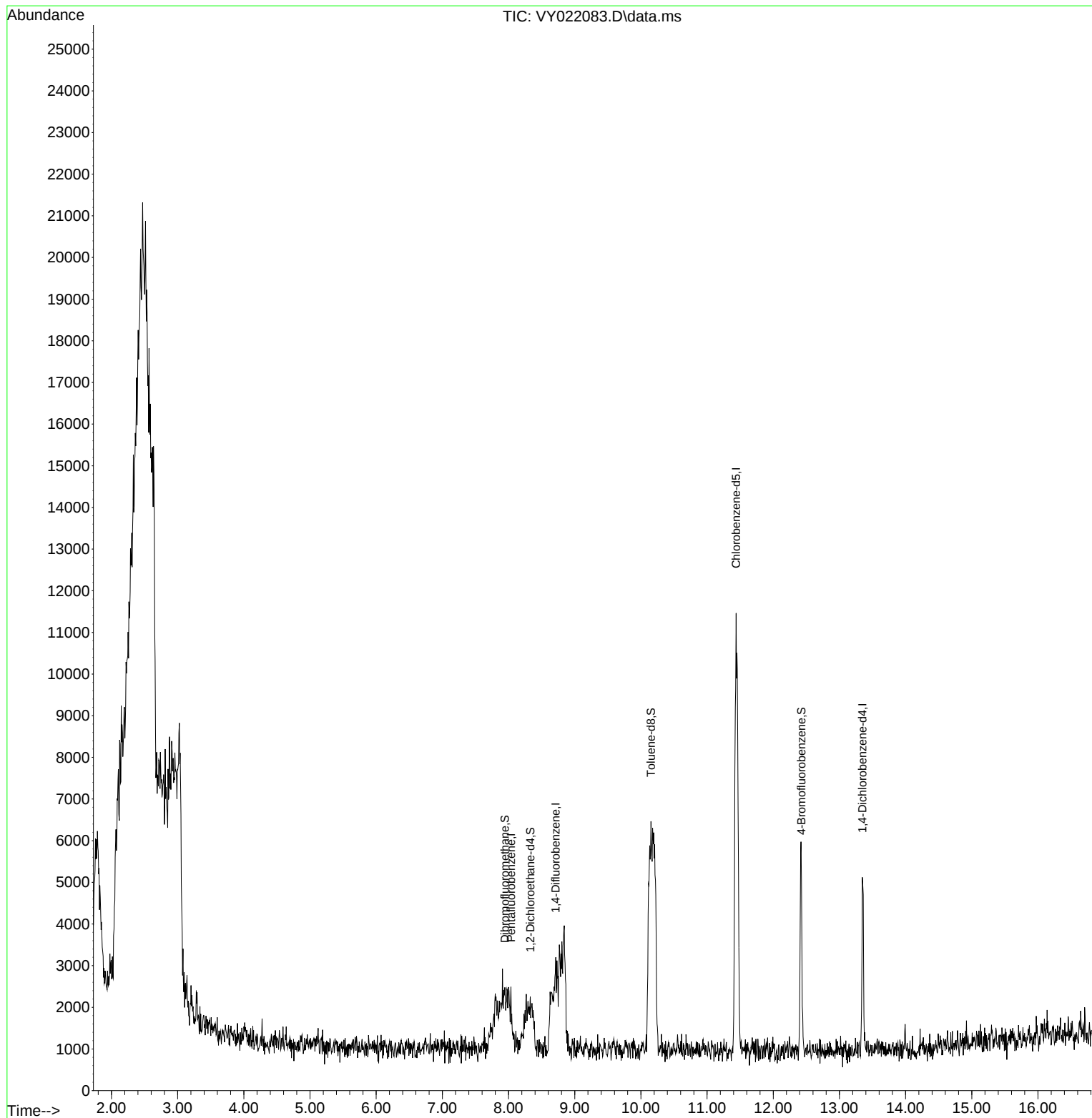
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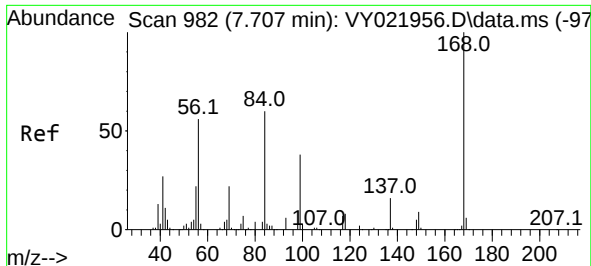
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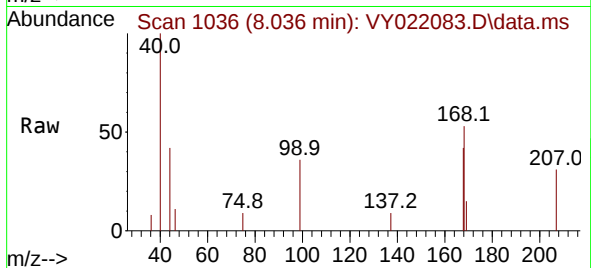
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 8.036 min Scan# 1084
Delta R.T. 0.329 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

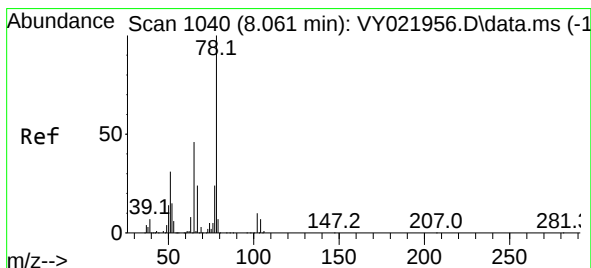
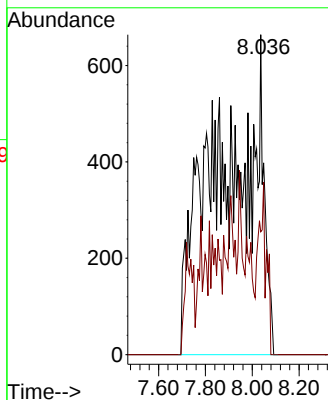
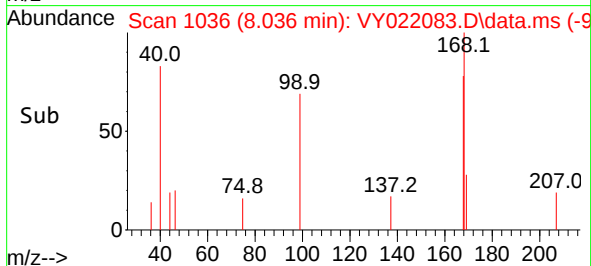
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-18-042325



Tgt Ion:168 Resp: 7992
Ion Ratio Lower Upper
168 100
99 68.5 43.1 64.7

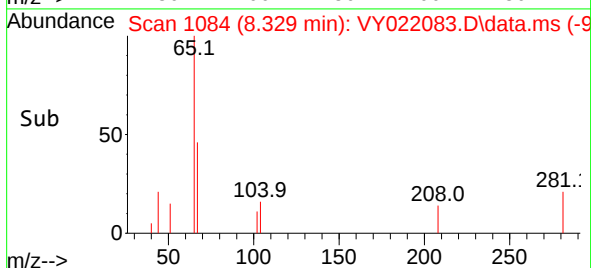
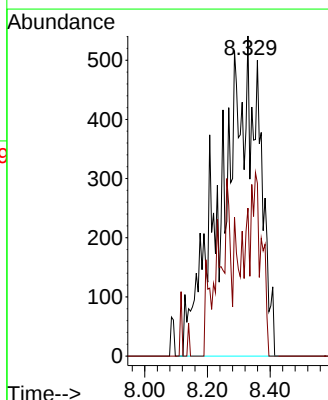
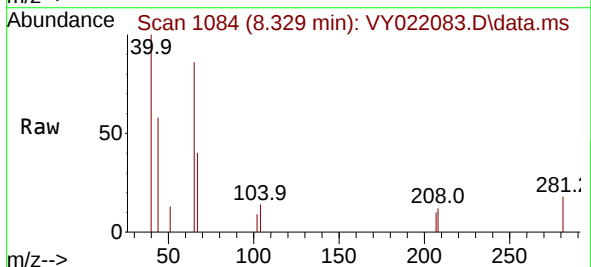
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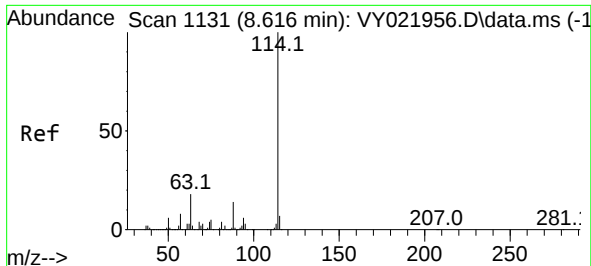
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Supervised By :Mahesh Dadoda 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 59.997 ug/l m
RT: 8.329 min Scan# 1084
Delta R.T. 0.268 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

Tgt Ion: 65 Resp: 4429
Ion Ratio Lower Upper
65 100
67 3.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l m

RT: 8.713 min Scan# 1147

Delta R.T. 0.097 min

Lab File: VY022083.D

Acq: 30 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

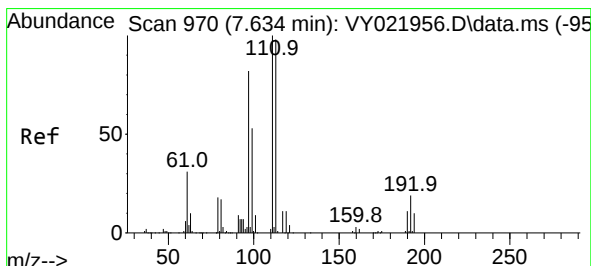
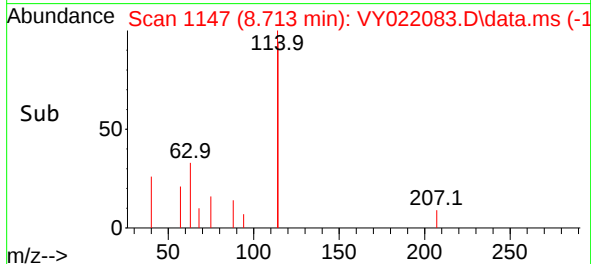
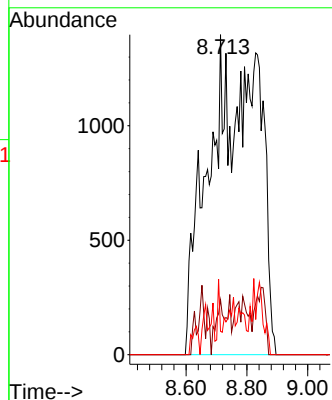
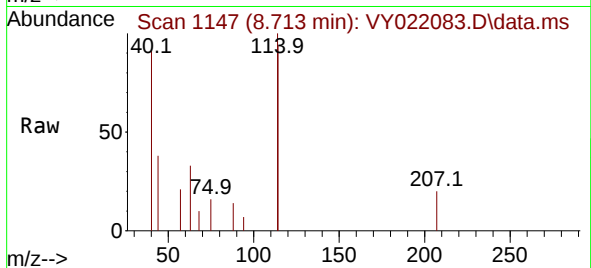
OU4-VSL-18-042325

Tgt Ion:	114	Resp:	1523
Ion Ratio	Lower	Upper	
114	100		
63	33.3	0.0	35.4
88	14.1	0.0	28.2

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#35

Dibromofluoromethane

Concen: 22.802 ug/l m

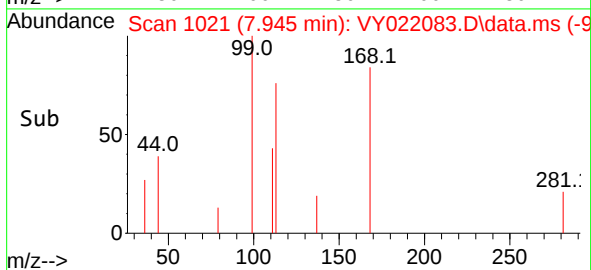
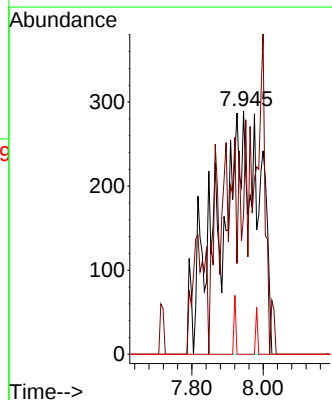
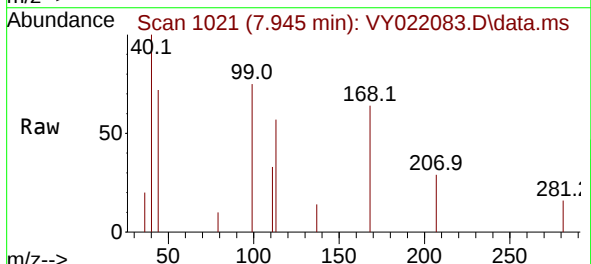
RT: 7.945 min Scan# 1021

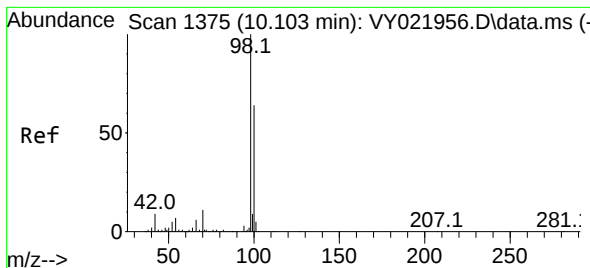
Delta R.T. 0.311 min

Lab File: VY022083.D

Acq: 30 Apr 2025 15:11

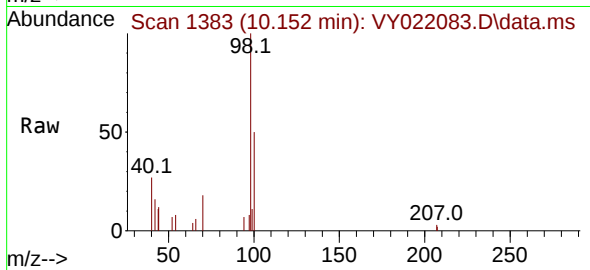
Tgt Ion:	113	Resp:	2295
Ion Ratio	Lower	Upper	
113	100		
111	0.0	81.8	122.8#
192	0.0	15.6	23.4#





#50
Toluene-d8
Concen: 39.544 ug/l m
RT: 10.152 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

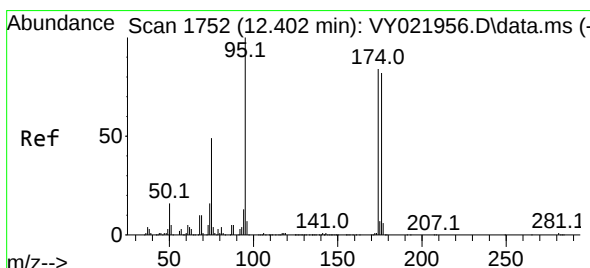
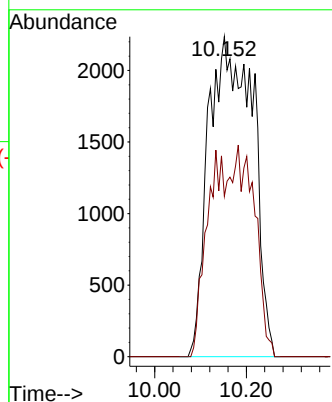
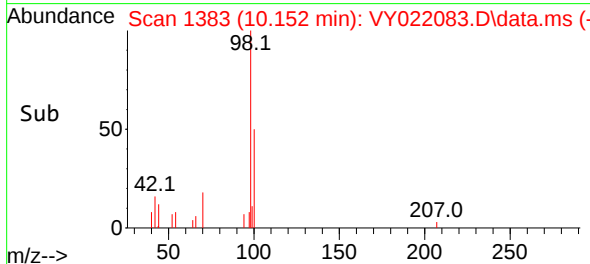
Instrument :
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OU4-VSL-18-042325



Tgt Ion: 98 Resp: 1500
Ion Ratio Lower Upper
98 100
100 28.8 51.6 77.4

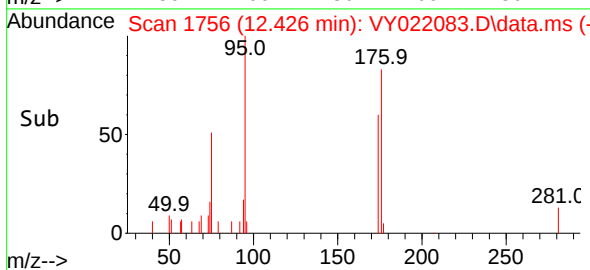
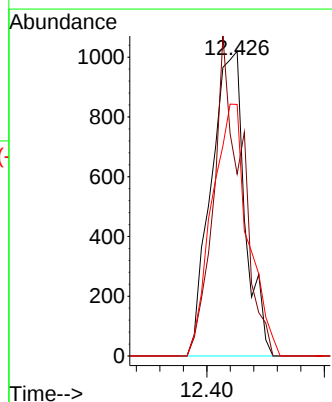
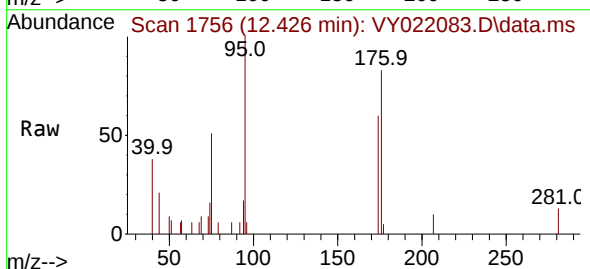
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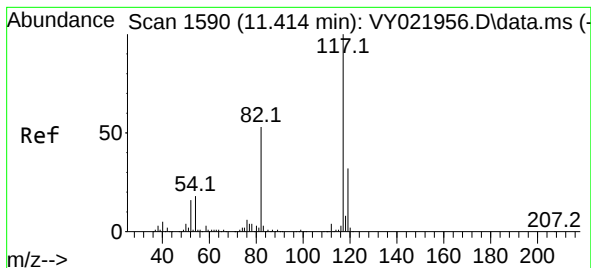
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#62
4-Bromofluorobenzene
Concen: 16.033 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.024 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

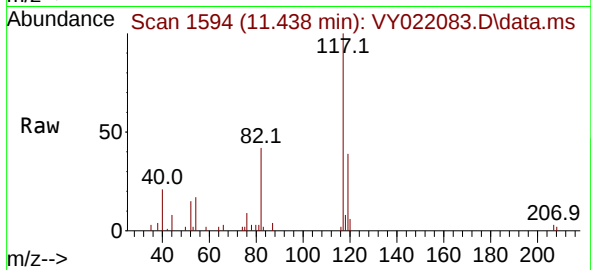
Tgt Ion: 95 Resp: 2048
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.0
176 88.5 0.0 171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.438 min Scan# 1184
Delta R.T. 0.024 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

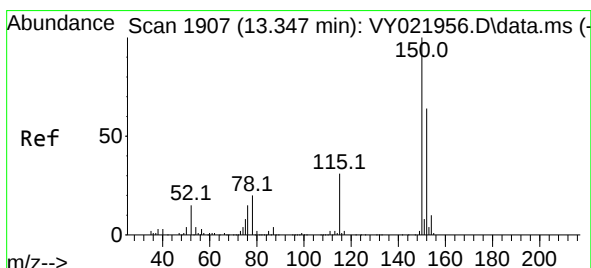
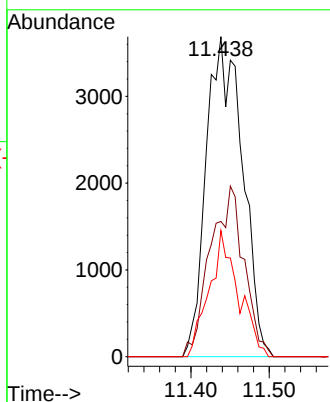
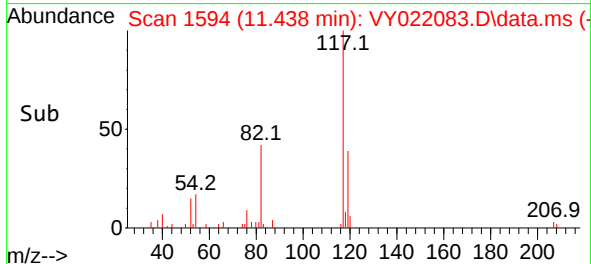
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-18-042325



Tgt Ion:117 Resp: 1184
Ion Ratio Lower Upper
117 100
82 42.2 42.1 63.1
119 39.4 25.7 38.5

Manual Integrations
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Supervised By :Mahesh Dadoda 05/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022083.D
Acq: 30 Apr 2025 15:11

Tgt Ion:152 Resp: 1424
Ion Ratio Lower Upper
152 100
115 56.9 28.0 84.0
150 155.5 0.0 345.6

