

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021786.D
 Acq On : 04 Apr 2025 15:24
 Operator : SY/MD
 Sample : Q1730-11
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-23-040325

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/07/2025
 Supervised By :Semsettin Yesilyurt 04/07/2025

Quant Time: Apr 04 23:40:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	341604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	662745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	606680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200040	54.048	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 108.100%		
35) Dibromofluoromethane	7.634	113	213518	49.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 99.340%		
50) Toluene-d8	10.109	98	813418	49.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 99.460%		
62) 4-Bromofluorobenzene	12.408	95	260762	47.136	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 94.280%		
Target Compounds						Qvalue
16) Acetone	3.867	43	22926	30.266	ug/l	95
37) Ethyl Acetate	6.994	43	7123m	2.305	ug/l	

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

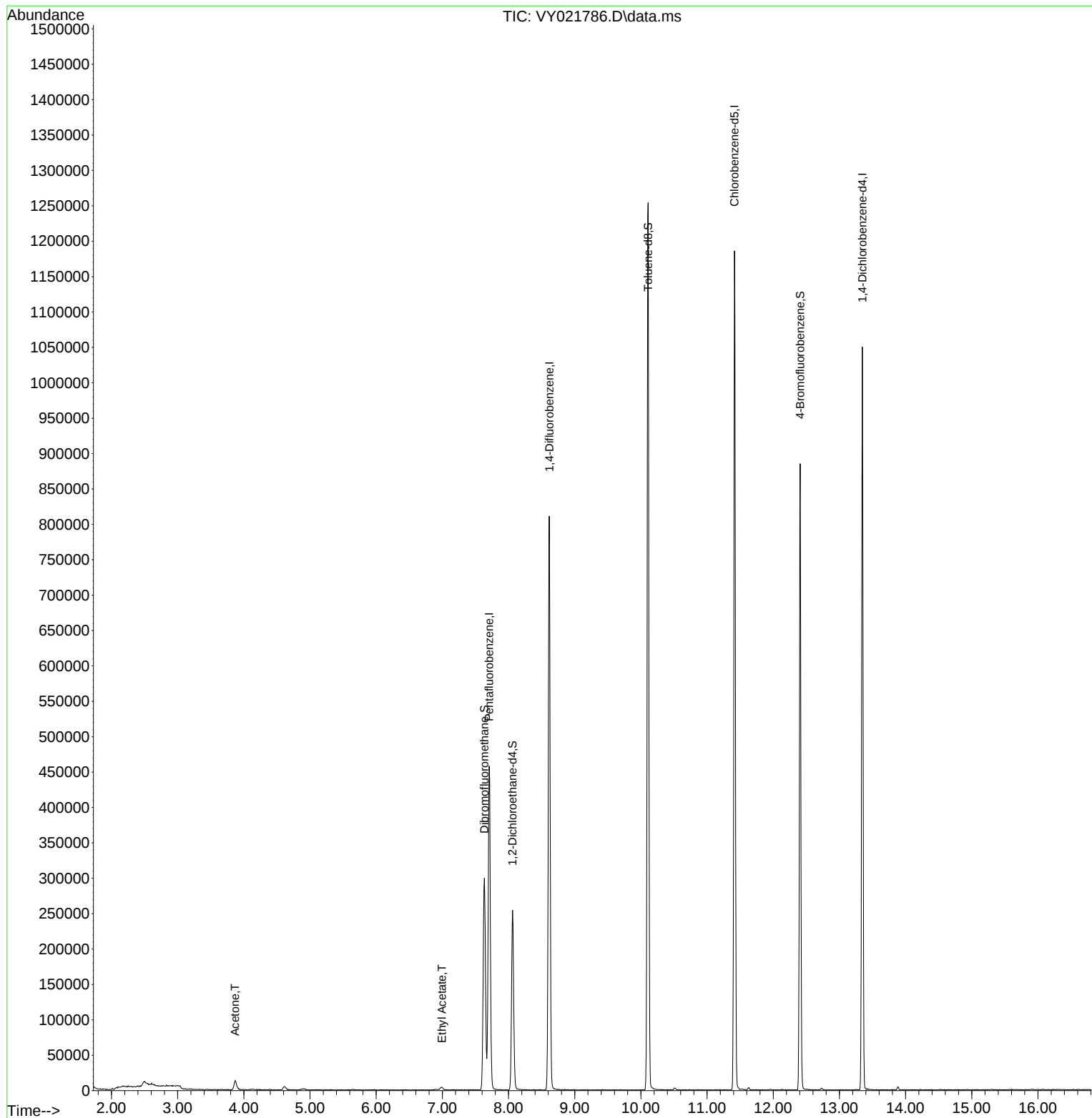
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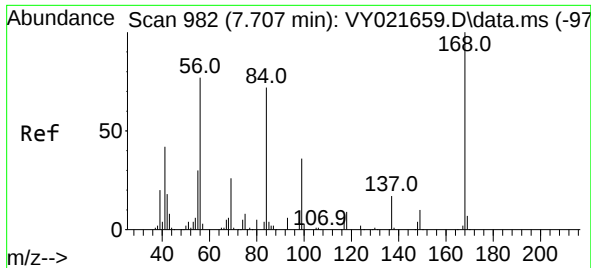
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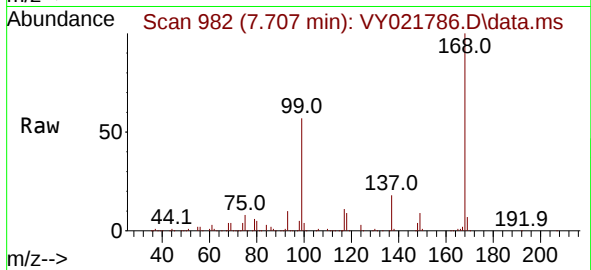
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

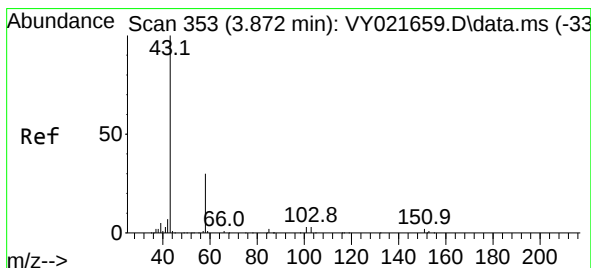
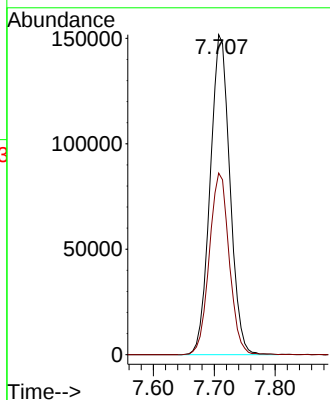
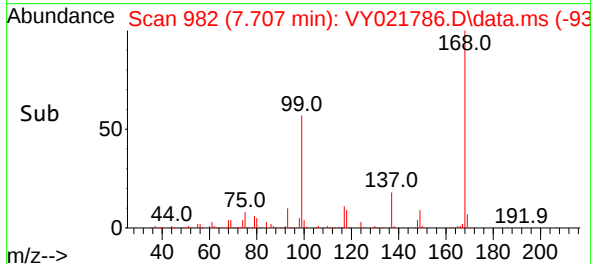
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-23-040325



Tgt Ion:168 Resp: 341604
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1

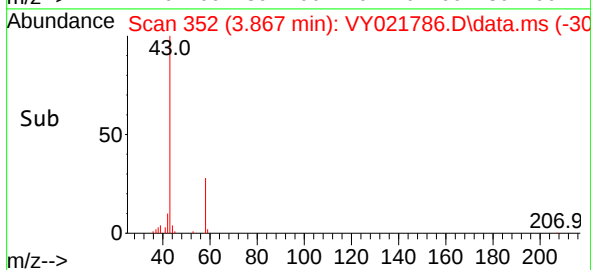
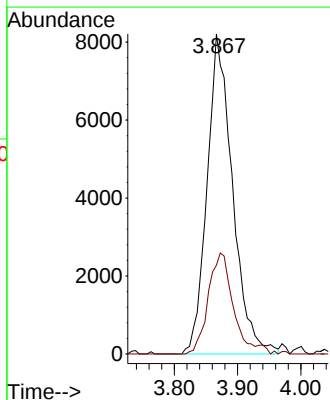
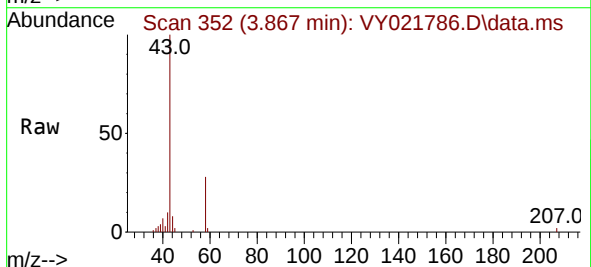
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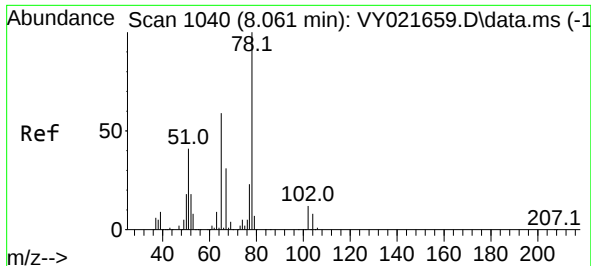
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#16
Acetone
Concen: 30.266 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

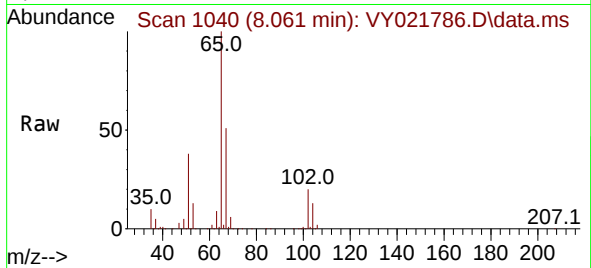
Tgt Ion: 43 Resp: 22926
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4





#33
1,2-Dichloroethane-d4
Concen: 54.048 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

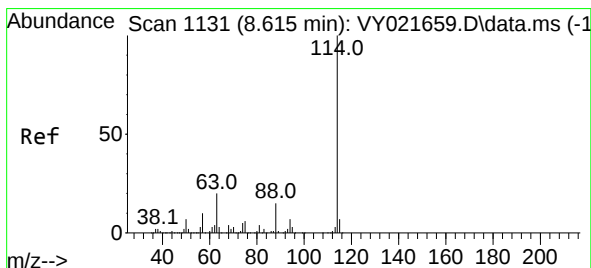
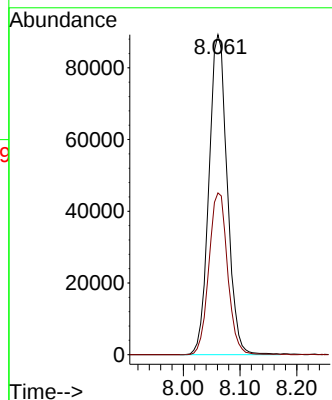
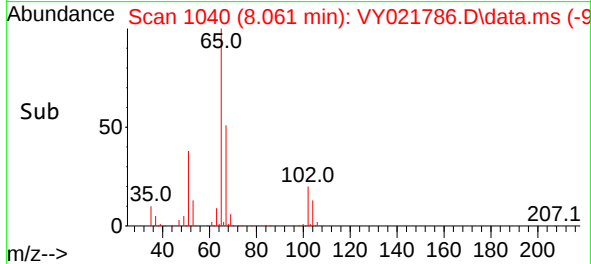
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-23-040325



Tgt Ion: 65 Resp: 200040
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

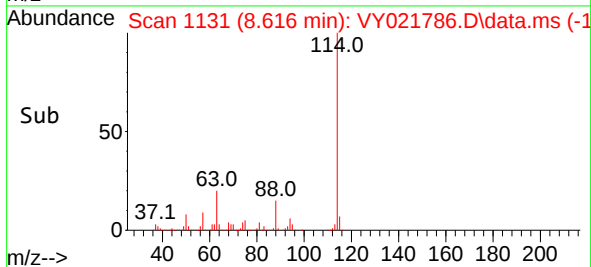
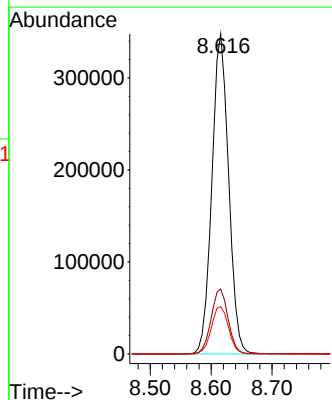
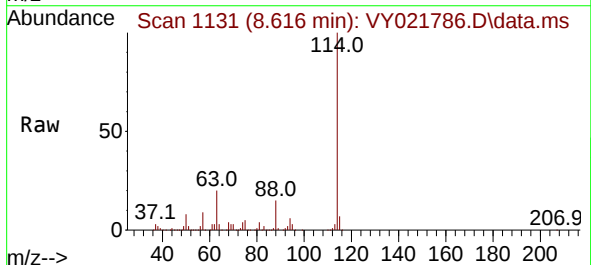
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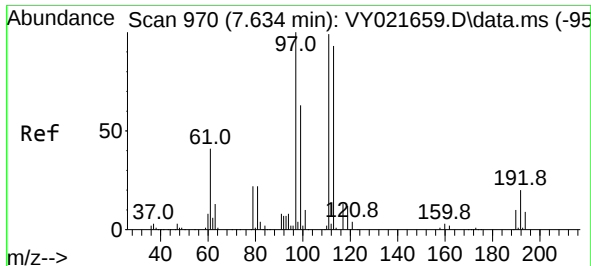
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

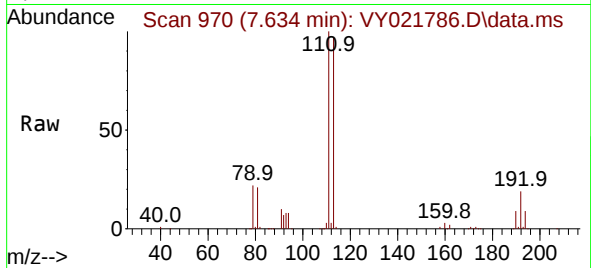
Tgt Ion:114 Resp: 662745
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 14.8 0.0 29.8





#35
Dibromofluoromethane
Concen: 49.666 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

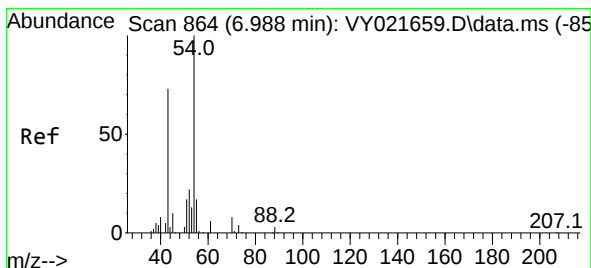
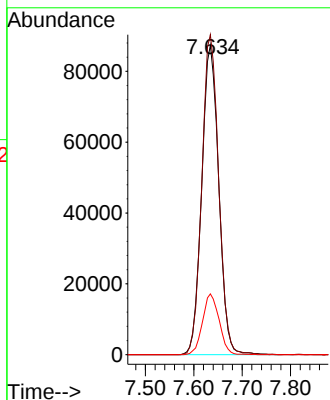
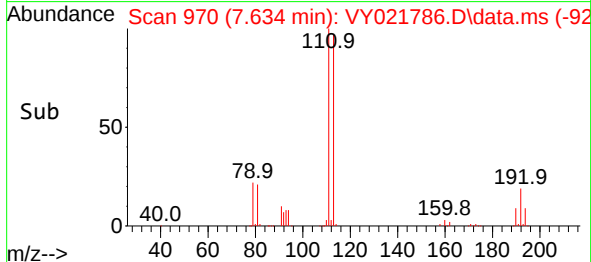
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ClientSampleId :
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Tgt Ion:113 Resp: 213518
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.2 16.2 24.4

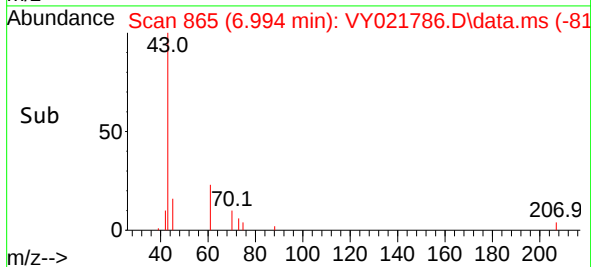
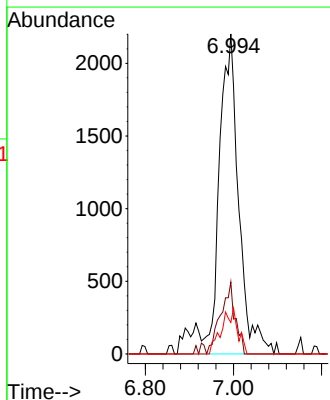
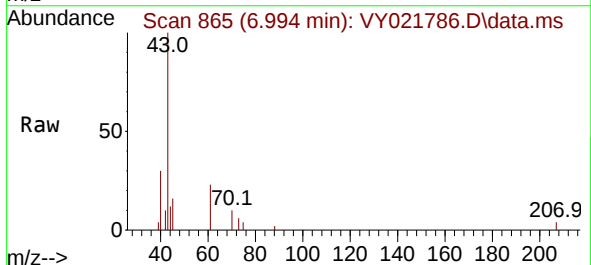
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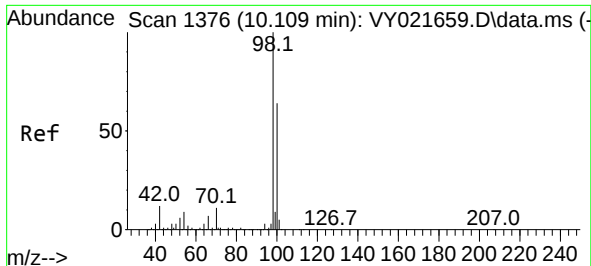
Reviewed By :Mahesh Dadoda 04/07/2025
Supervised By :Semsettin Yesilyurt 04/07/2025



#37
Ethyl Acetate
Concen: 2.305 ug/l m
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

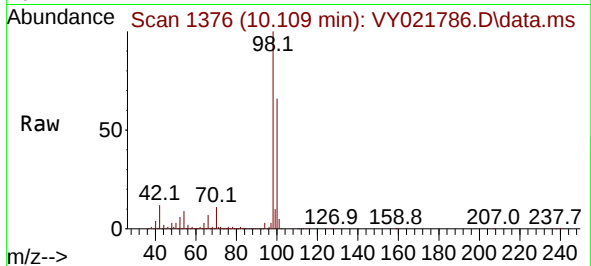
Tgt Ion: 43 Resp: 7123
Ion Ratio Lower Upper
43 100
61 15.9 11.0 16.6
70 11.2 8.1 12.1





#50
Toluene-d8
Concen: 49.735 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24

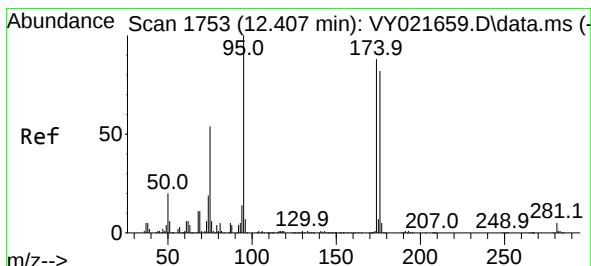
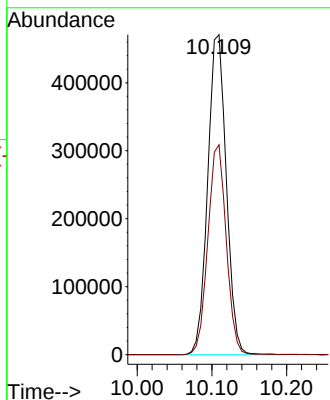
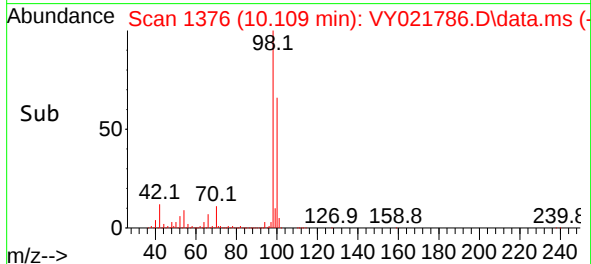
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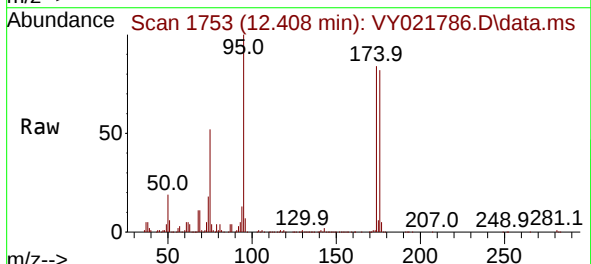
Tgt Ion: 98 Resp: 813418
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

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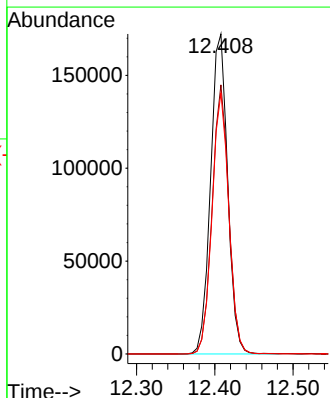
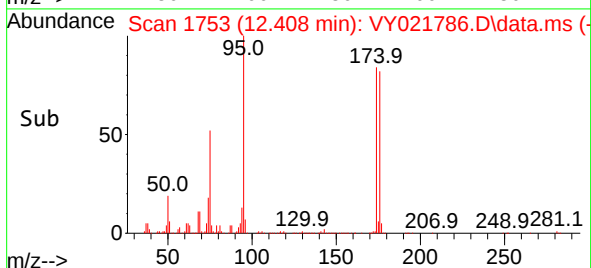
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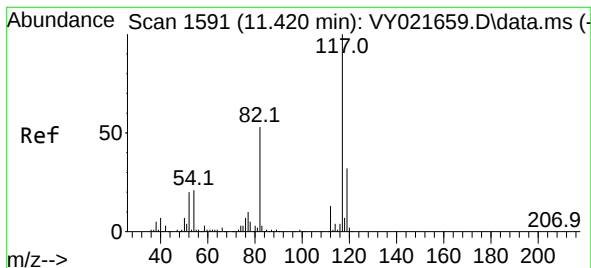


#62
4-Bromofluorobenzene
Concen: 47.136 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021786.D
Acq: 04 Apr 2025 15:24



Tgt Ion: 95 Resp: 260762
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 80.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021786.D

Acq: 04 Apr 2025 15:24

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-23-040325

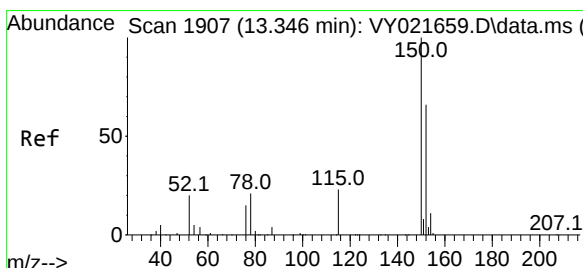
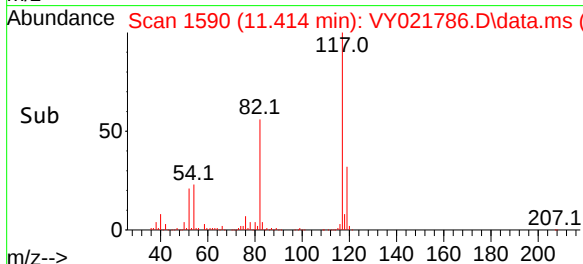
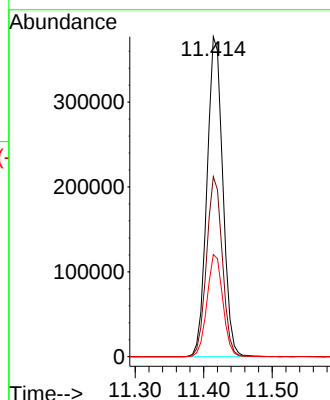
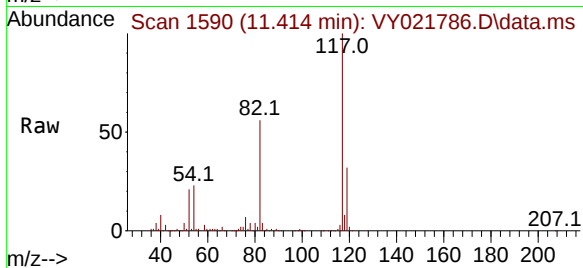
Tgt Ion:117 Resp: 606680

Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.8	64.2
119	31.9	25.7	38.5

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021786.D

Acq: 04 Apr 2025 15:24

Tgt Ion:152 Resp: 250886

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	155.0	0.0	348.4

