

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022884.D
 Acq On : 30 Jun 2025 16:49
 Operator : SY/MD
 Sample : Q2447-05
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jul 01 03:40:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	34801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	50778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	29753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	5738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	8106	20.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.740%#		
35) Dibromofluoromethane	7.628	113	8835	28.610	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	57.220%		
50) Toluene-d8	10.103	98	56043	45.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.401	95	24319m	61.735	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	123.480%		
Target Compounds					Qvalue	
16) Acetone	3.848	43	18312	249.437	ug/l	95

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

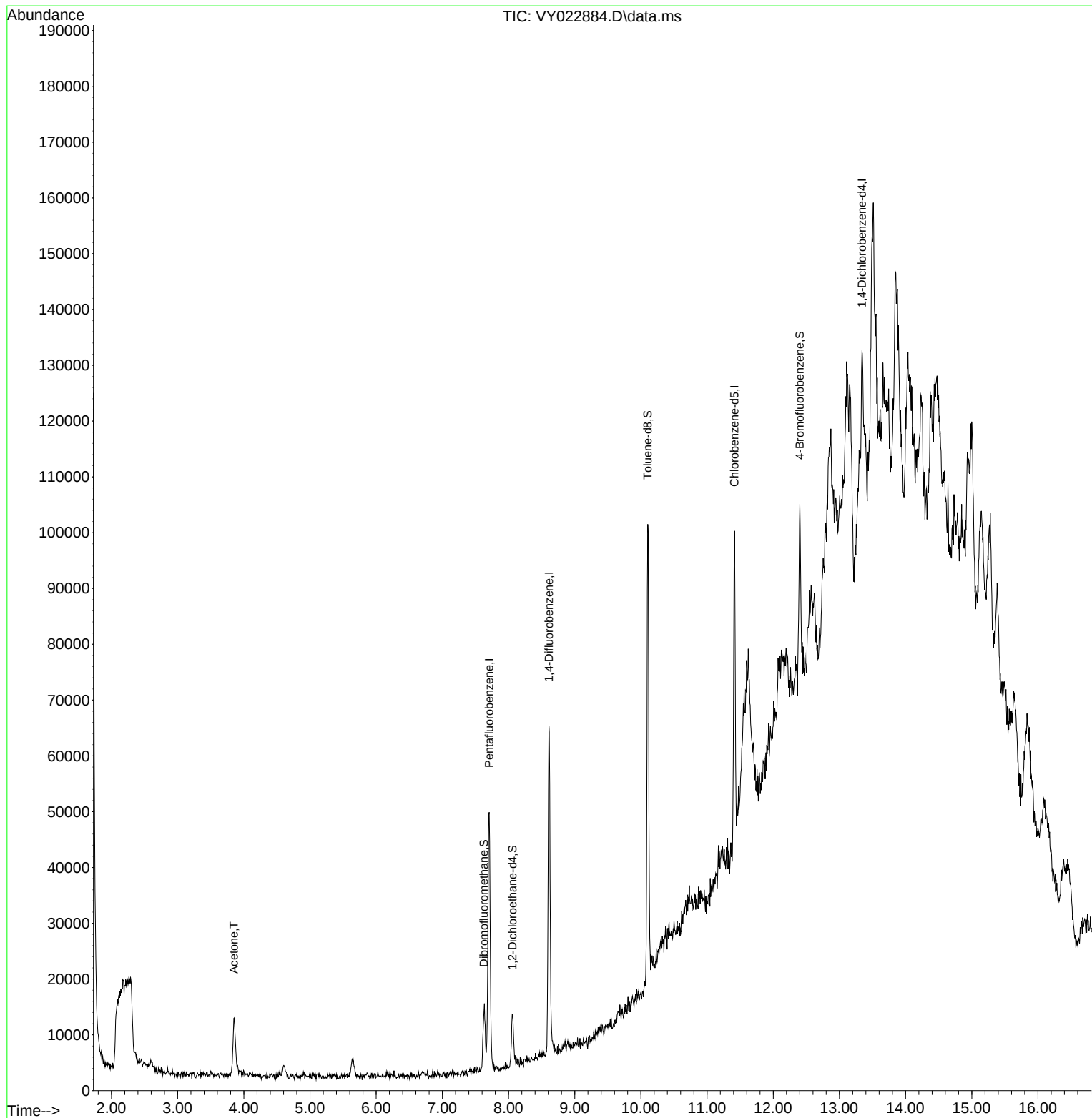
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
Data File : VY022884.D
Acq On : 30 Jun 2025 16:49
Operator : SY/MD
Sample : Q2447-05
Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Jul 01 03:40:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

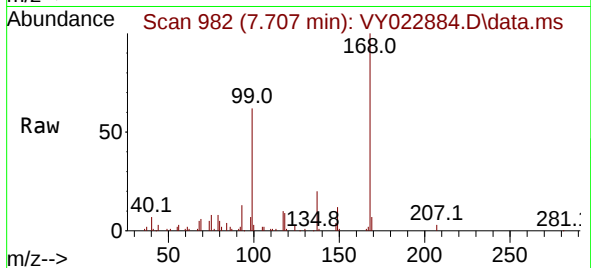
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

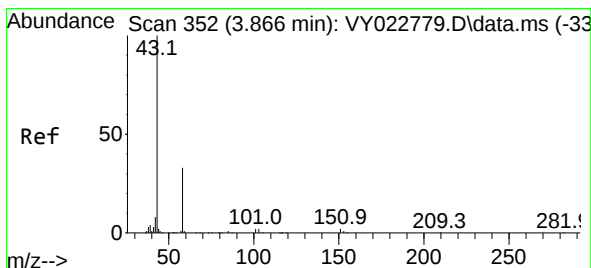
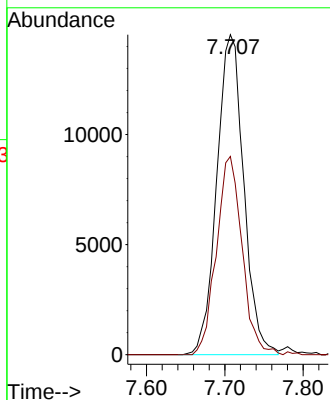
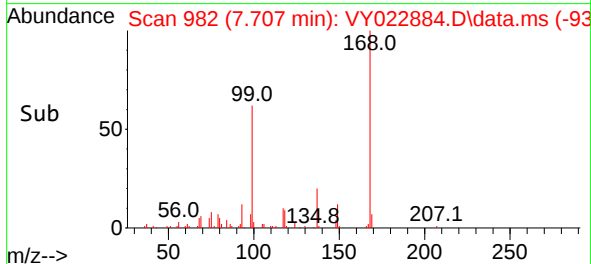
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



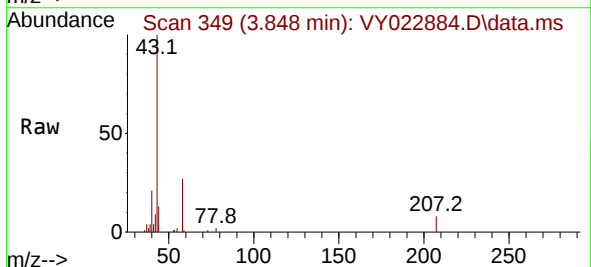
Tgt Ion:168 Resp: 3480
Ion Ratio Lower Upper
168 100
99 61.9 44.3 66.5

Manual Integrations
APPROVED

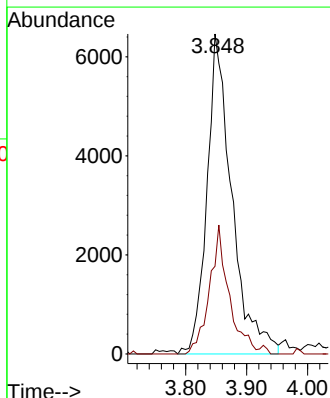
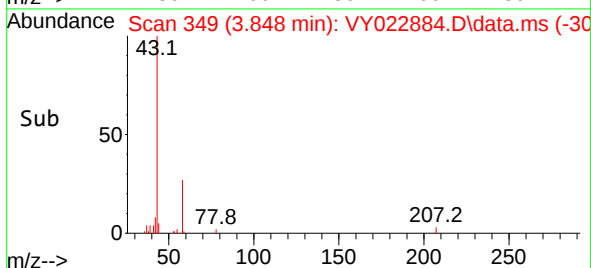
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025

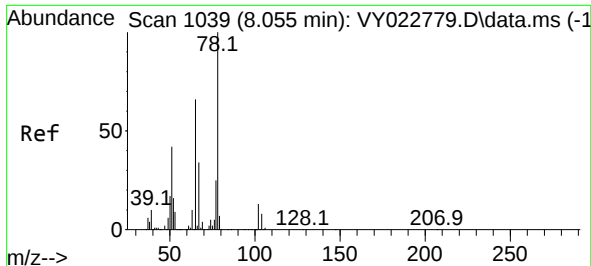


#16
Acetone
Concen: 249.437 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49



Tgt Ion: 43 Resp: 18312
Ion Ratio Lower Upper
43 100
58 27.4 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 20.869 ug/l

RT: 8.061 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

Tgt Ion: 65 Resp: 8100

Ion Ratio Lower Upper

65 100

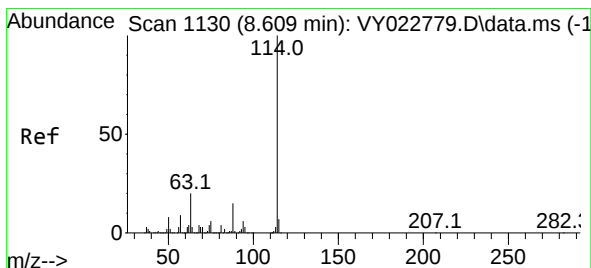
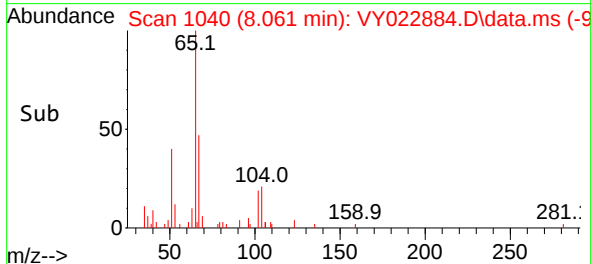
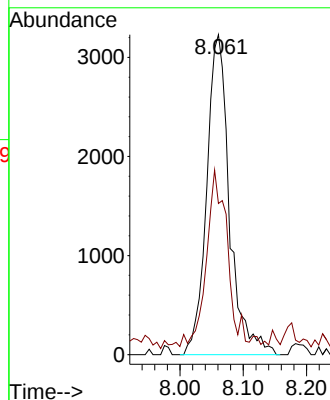
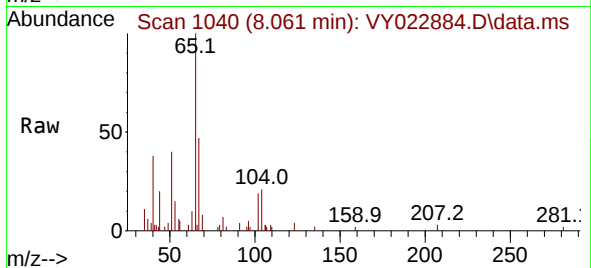
67 54.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025

Supervised By :Semsettin Yesilyurt 07/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

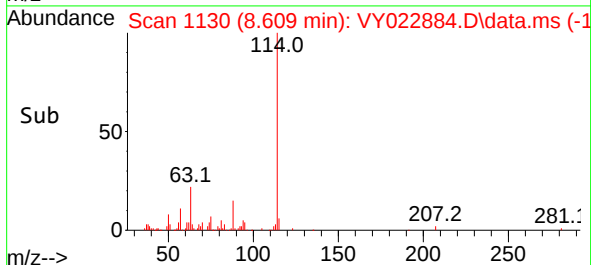
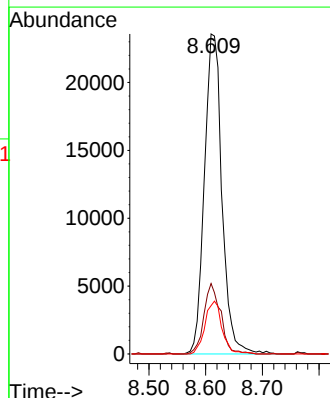
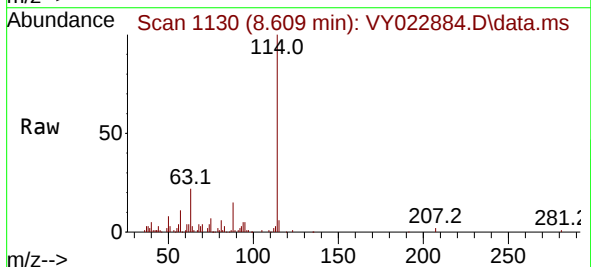
Tgt Ion:114 Resp: 50778

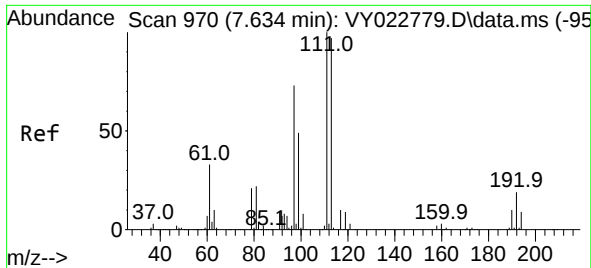
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

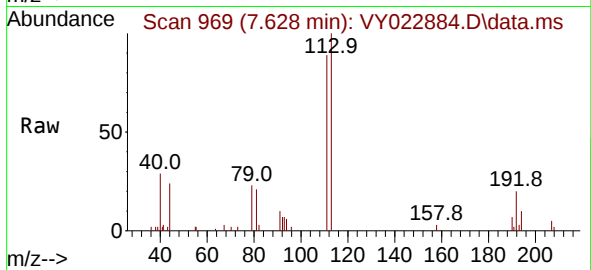
88 15.1 0.0 27.8





#35
Dibromofluoromethane
Concen: 28.610 ug/l
RT: 7.628 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

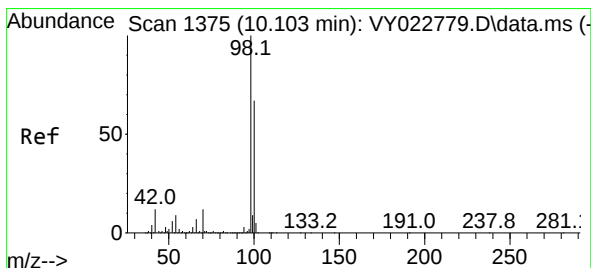
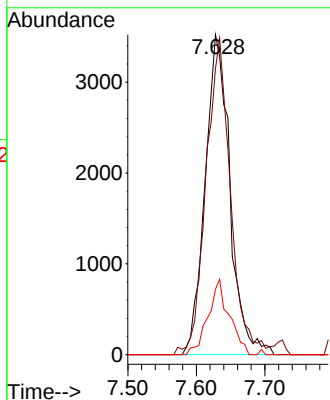
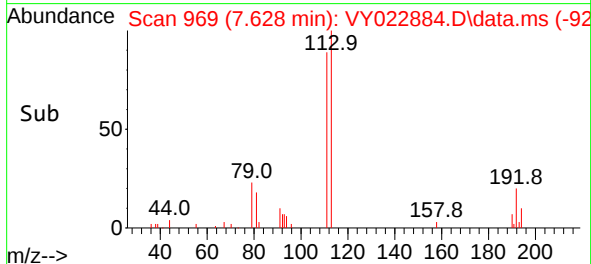
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2



Tgt Ion: 113 Resp: 883
Ion Ratio Lower Upper
113 100
111 98.3 81.1 121.7
192 20.1 14.2 21.2

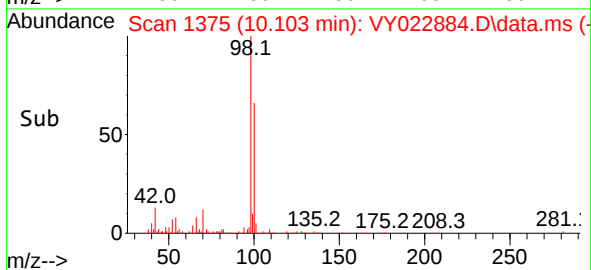
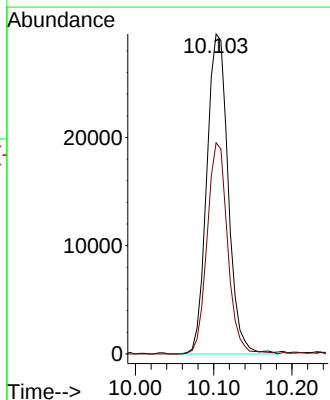
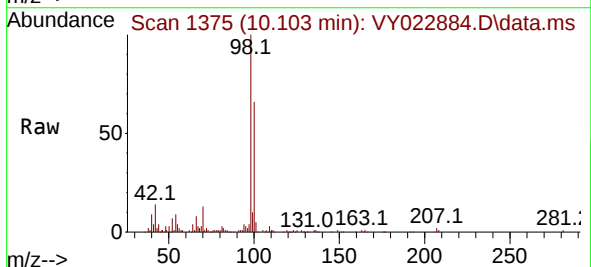
Manual Integrations
APPROVED

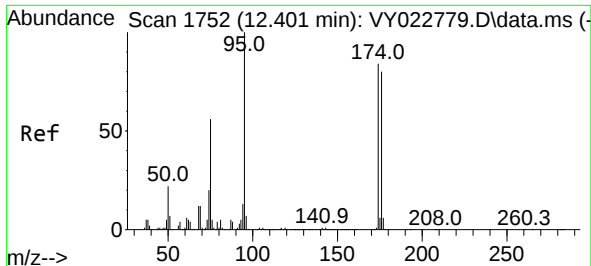
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



#50
Toluene-d8
Concen: 45.735 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 98 Resp: 56043
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0





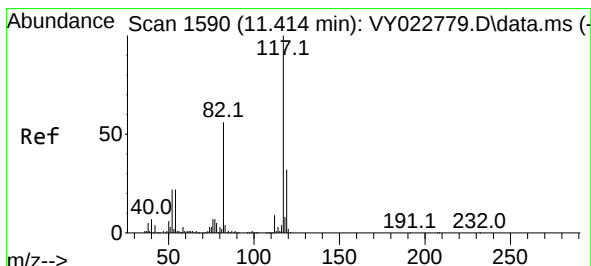
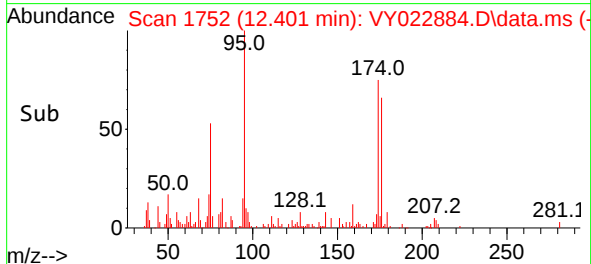
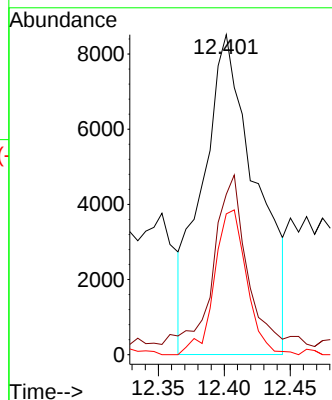
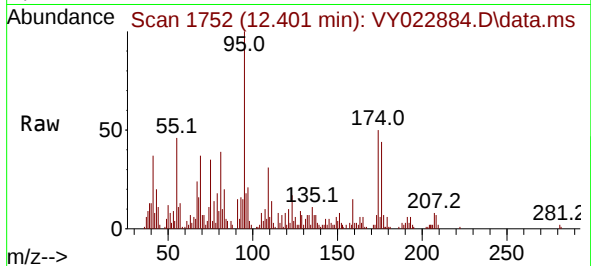
#62
4-Bromofluorobenzene
Concen: 61.735 ug/l m
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 95 Resp: 24319
Ion Ratio Lower Upper
95 100
174 33.5 0.0 170.0
176 27.1 0.0 166.2

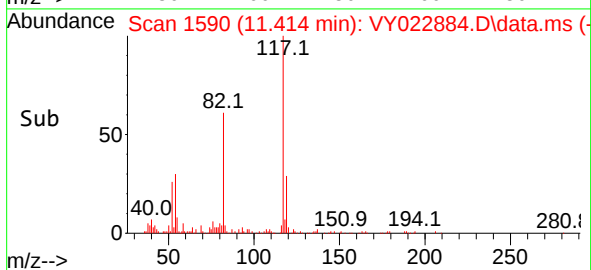
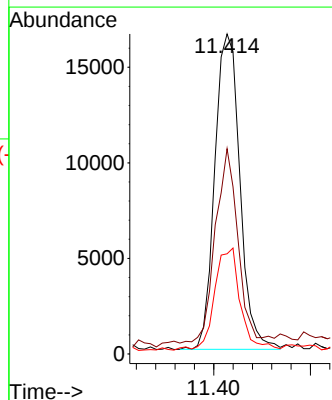
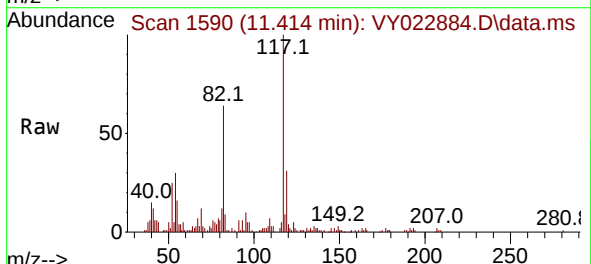
Manual Integrations
APPROVED

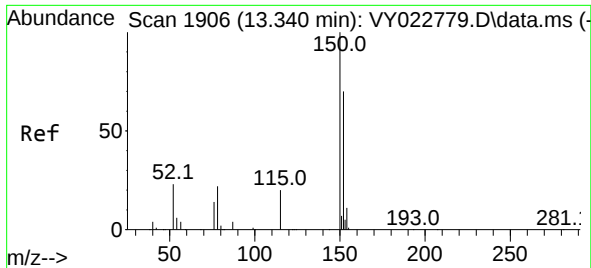
Reviewed By :Mahesh Dadoda 07/01/2025
Supervised By :Semsettin Yesilyurt 07/01/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

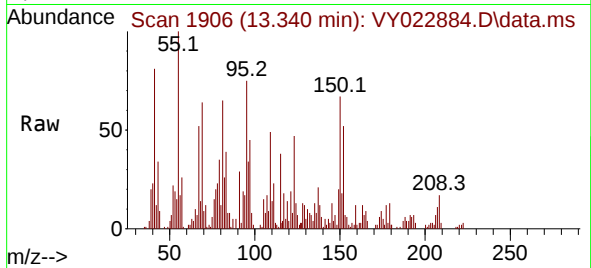
Tgt Ion:117 Resp: 29753
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 30.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022884.D
 Acq: 30 Jun 2025 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.9	86.7
150	123.9	0.0	349.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

