

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022954.D
 Acq On : 07 Jul 2025 12:51
 Operator : SY/MD
 Sample : Q2515-01
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
 Supervised By :Semsettin Yesilyurt 07/08/2025

Quant Time: Jul 08 01:46:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	294796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	548751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	560108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	267886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	181701	55.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.440%
35) Dibromofluoromethane	7.634	113	178951	53.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.103	98	683593	51.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.401	95	264182	62.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.120%
Target Compounds						
16) Acetone	3.866	43	5248m	8.439	ug/l	
20) Methylene Chloride	4.610	84	28767	7.325	ug/l	98
86) p-Isopropyltoluene	13.285	119	23917	1.354	ug/l #	74

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

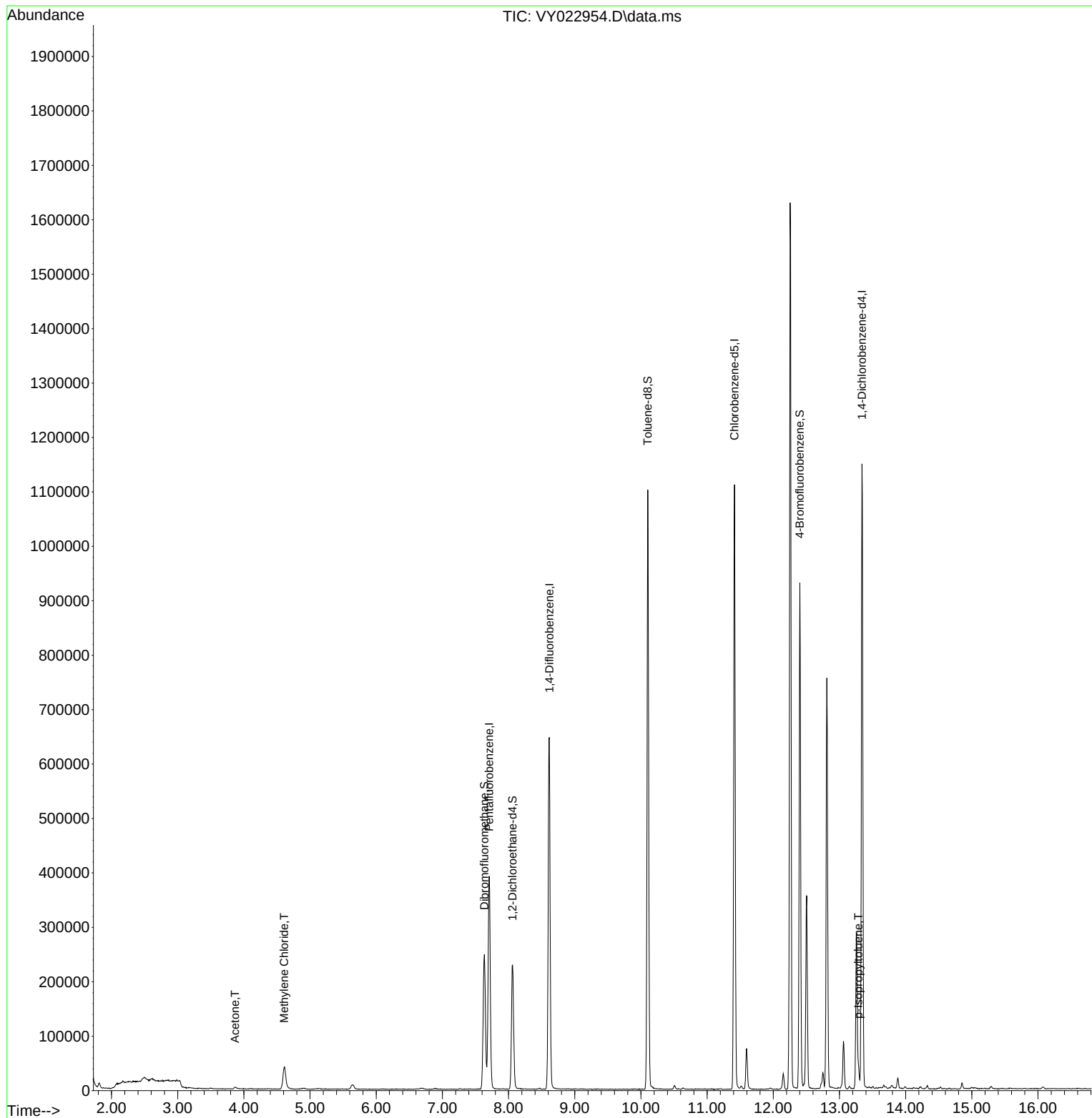
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
Data File : VY022954.D
Acq On : 07 Jul 2025 12:51
Operator : SY/MD
Sample : Q2515-01
Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

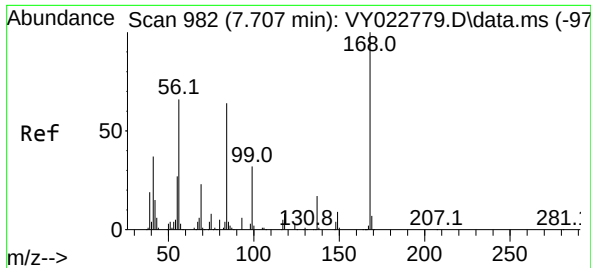
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

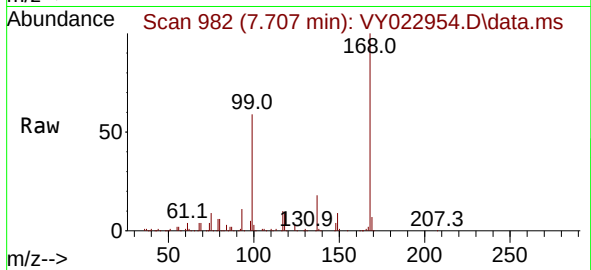
Quant Time: Jul 08 01:46:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51

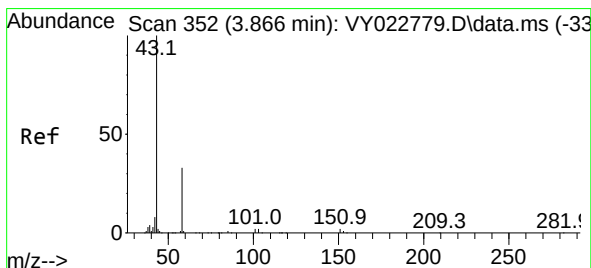
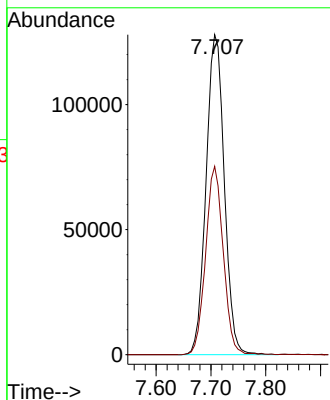
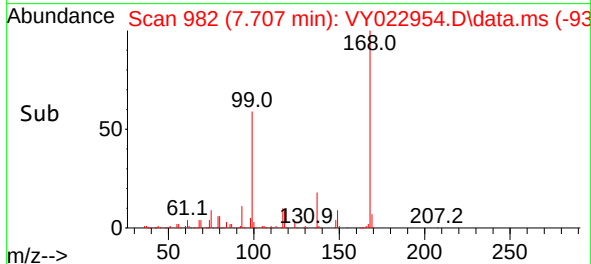
Instrument :
MSVOA_Y
ClientSampleId :
WC-1



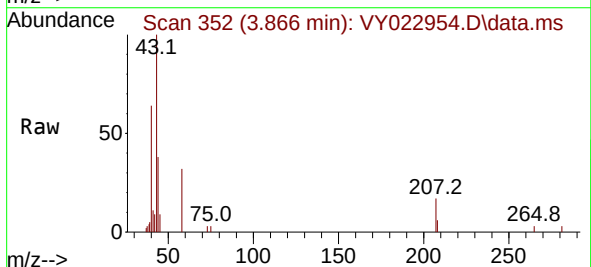
Tgt Ion:168 Resp: 294790
Ion Ratio Lower Upper
168 100
99 58.8 44.3 66.5

Manual Integrations
APPROVED

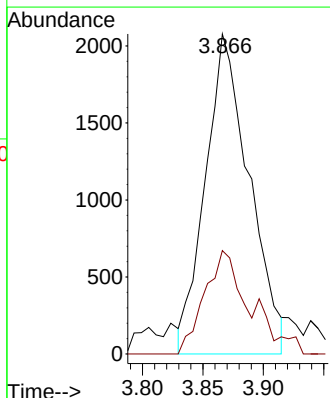
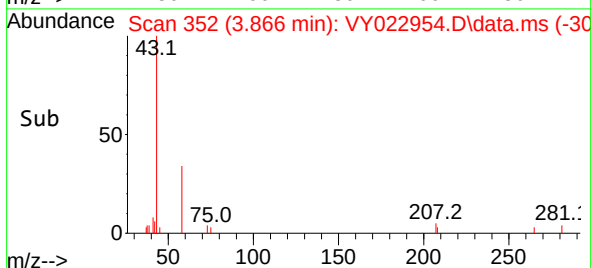
Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

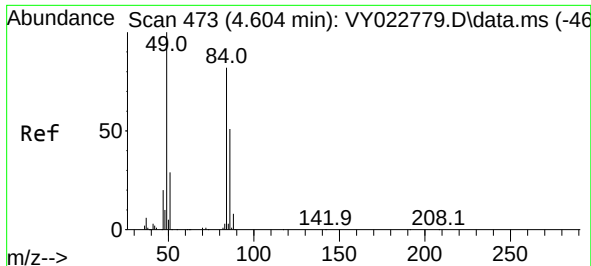


#16
Acetone
Concen: 8.439 ug/l m
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51



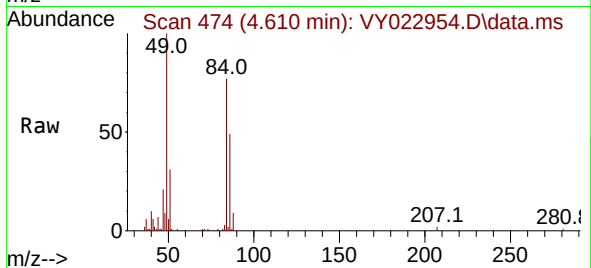
Tgt Ion: 43 Resp: 5248
Ion Ratio Lower Upper
43 100
58 32.3 24.0 36.0





#20
Methylene Chloride
Concen: 7.325 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51

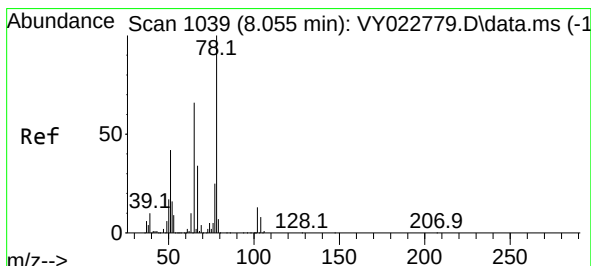
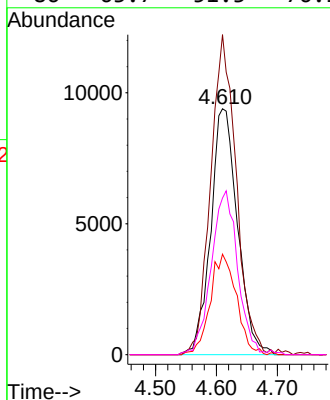
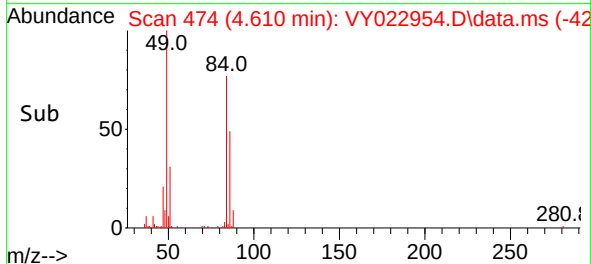
Instrument :
MSVOA_Y
ClientSampleId :
WC-1



Tgt Ion: 84 Resp: 2876
Ion Ratio Lower Upper
84 100
49 130.1 101.9 152.9
51 40.9 29.8 44.8
86 63.7 51.3 76.9

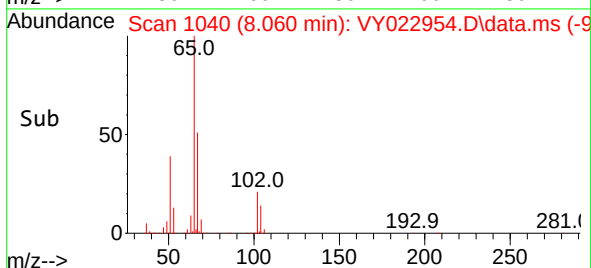
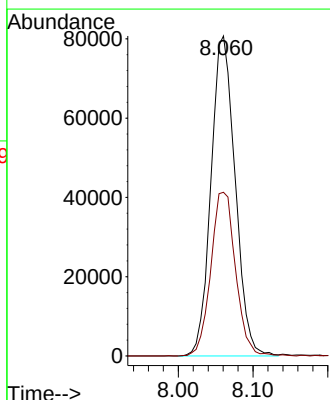
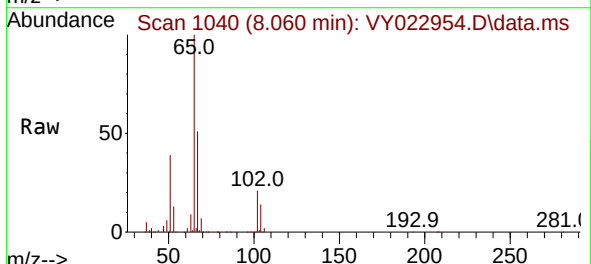
Manual Integrations
APPROVED

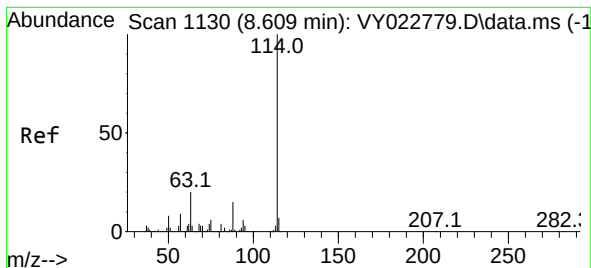
Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025



#33
1,2-Dichloroethane-d4
Concen: 55.225 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51

Tgt Ion: 65 Resp: 181701
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.001 min

Lab File: VY022954.D

Acq: 07 Jul 2025 12:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

Tgt Ion:114 Resp: 54875

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

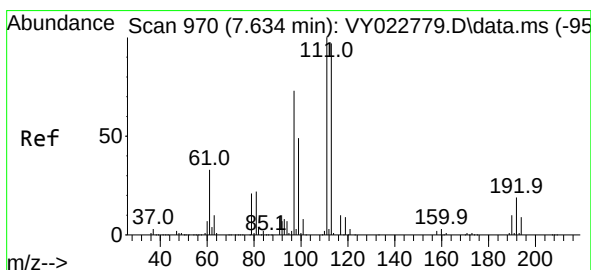
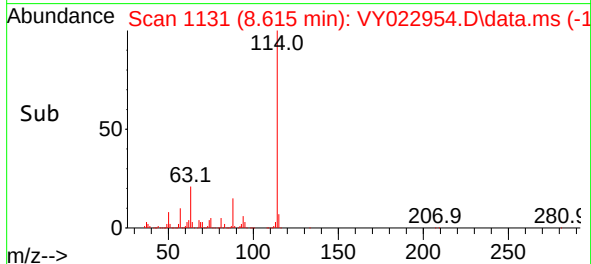
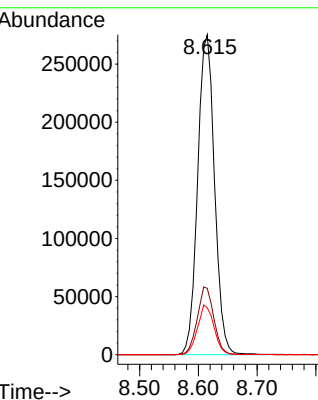
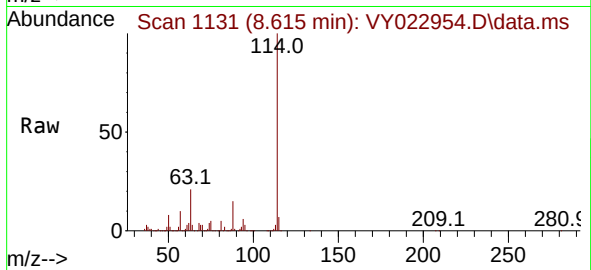
88 14.6 0.0 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025

Supervised By :Semsettin Yesilyurt 07/08/2025



#35

Dibromofluoromethane

Concen: 53.622 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.007 min

Lab File: VY022954.D

Acq: 07 Jul 2025 12:51

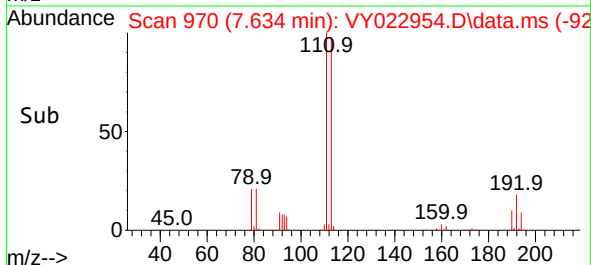
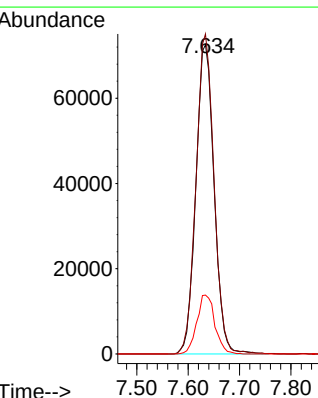
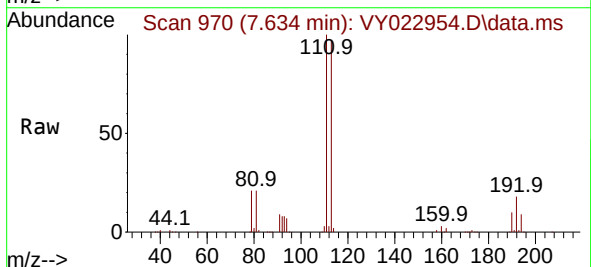
Tgt Ion:113 Resp: 178951

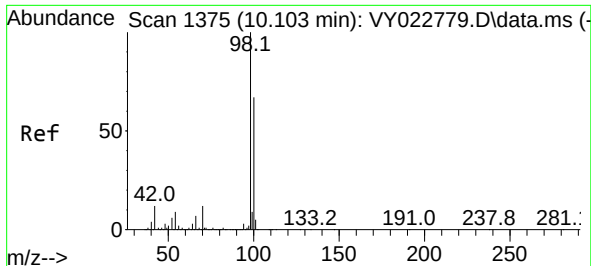
Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

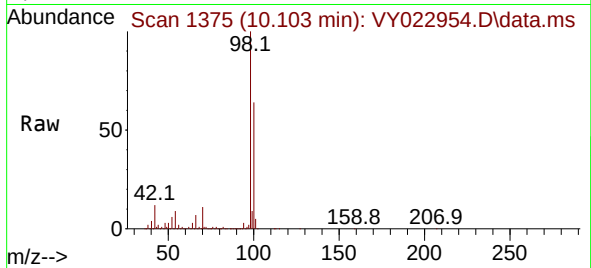
192 18.9 14.2 21.2





#50
Toluene-d8
Concen: 51.621 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51

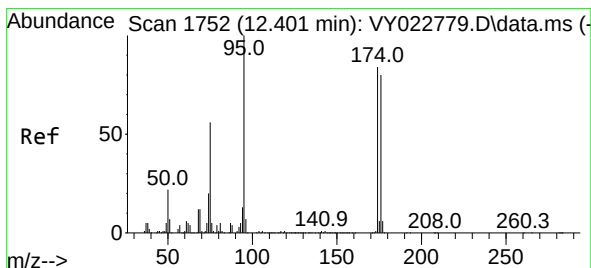
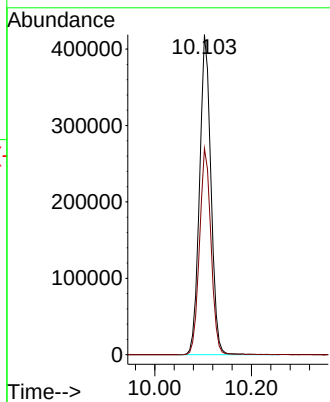
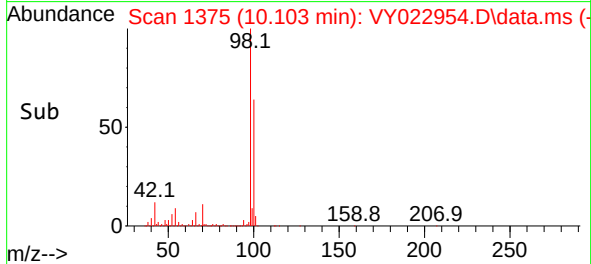
Instrument :
MSVOA_Y
ClientSampleId :
WC-1



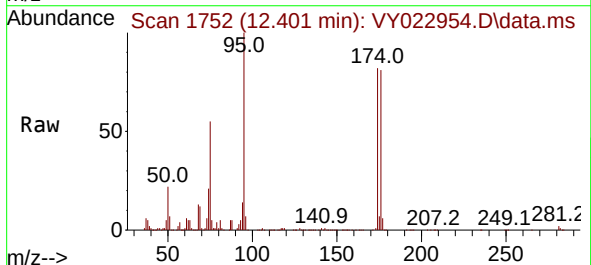
Tgt Ion: 98 Resp: 68359
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

Manual Integrations
APPROVED

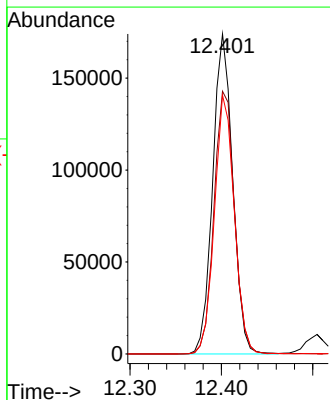
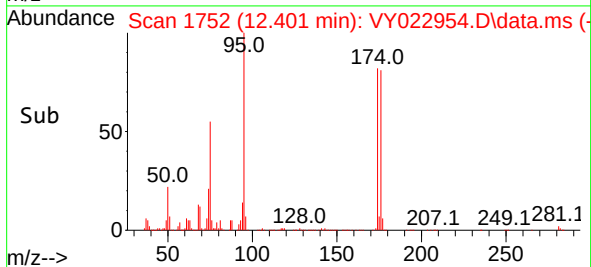
Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

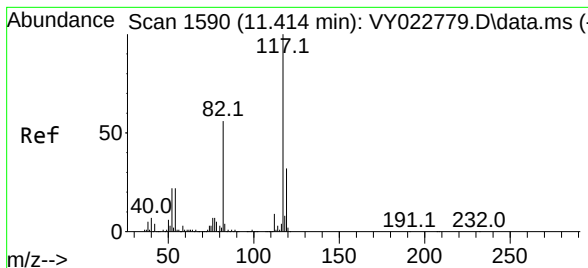


#62
4-Bromofluorobenzene
Concen: 62.057 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51



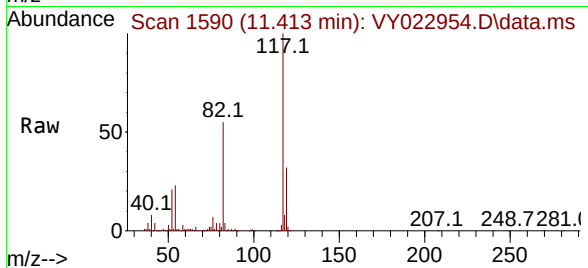
Tgt Ion: 95 Resp: 264182
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 80.6 0.0 166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51

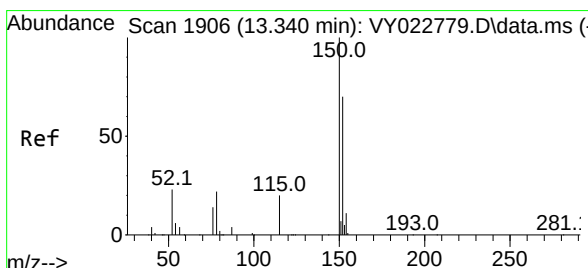
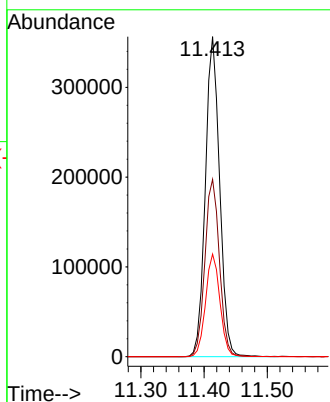
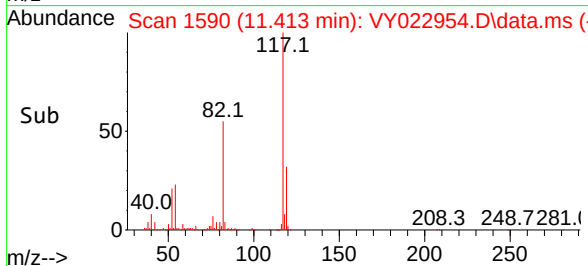
Instrument :
MSVOA_Y
ClientSampleId :
WC-1



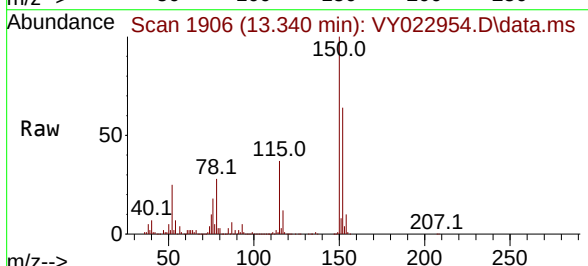
Tgt Ion:117 Resp: 560108
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 32.0 25.4 38.0

Manual Integrations
APPROVED

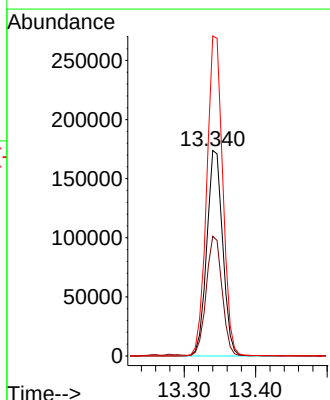
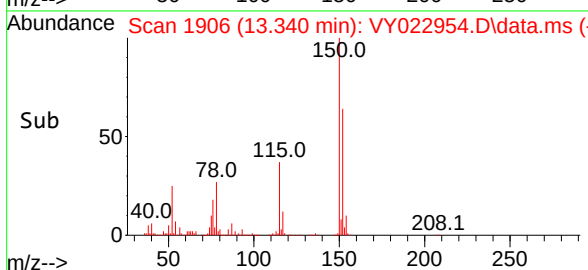
Reviewed By :Mahesh Dadoda 07/08/2025
Supervised By :Semsettin Yesilyurt 07/08/2025

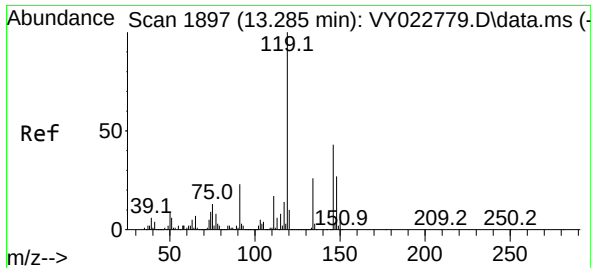


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY022954.D
Acq: 07 Jul 2025 12:51



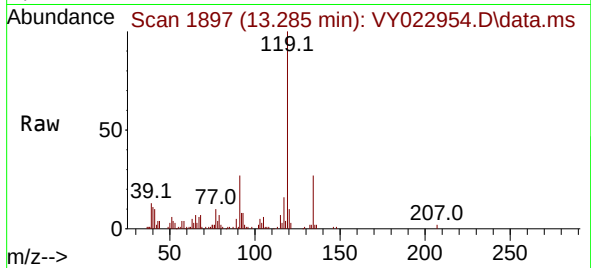
Tgt Ion:152 Resp: 267886
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.7
150 156.9 0.0 349.6





#86
 p-Isopropyltoluene
 Concen: 1.354 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.007 min
 Lab File: VY022954.D
 Acq: 07 Jul 2025 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:119 Resp: 23917

Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.1	39.1
91	0.0	11.6	34.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2025
 Supervised By :Semsettin Yesilyurt 07/08/2025

