

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022858.D
 Acq On : 27 Jun 2025 13:46
 Operator : SY/MD
 Sample : Q2436-03
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-85

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:17:45 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	7.713	168	321317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	576459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	466631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	166692	46.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.960%		
35) Dibromofluoromethane	7.640	113	179858	51.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.600%		
50) Toluene-d8	10.109	98	656765	47.211	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.408	95	183199	40.965	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.940%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.878	59	31802m	133.365	ug/l	
16) Acetone	3.879	43	104592	154.306	ug/l	100
18) Methyl Acetate	4.397	43	6876	3.063	ug/l #	86

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

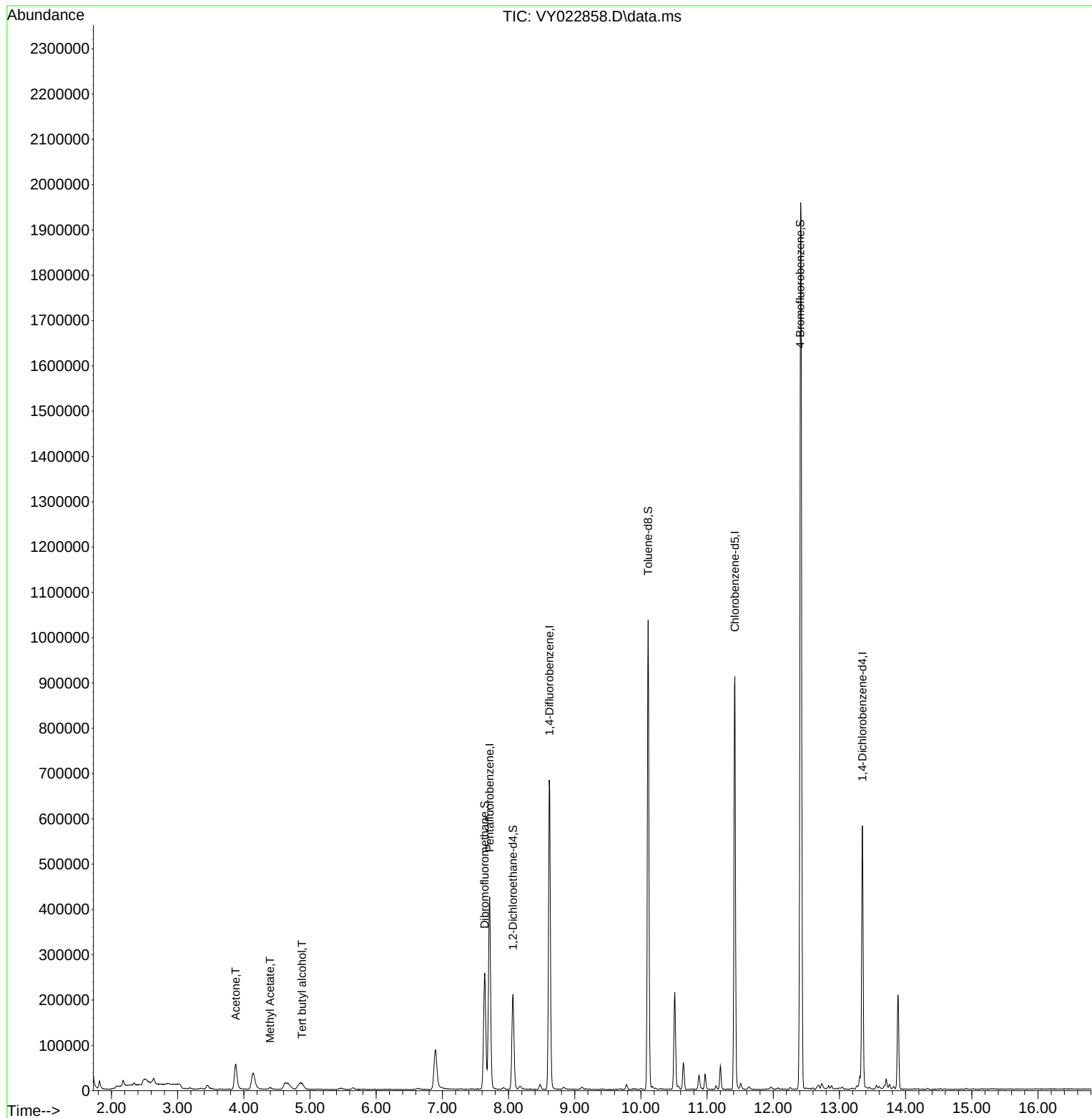
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022858.D
Acq On : 27 Jun 2025 13:46
Operator : SY/MD
Sample : Q2436-03
Misc : 7.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

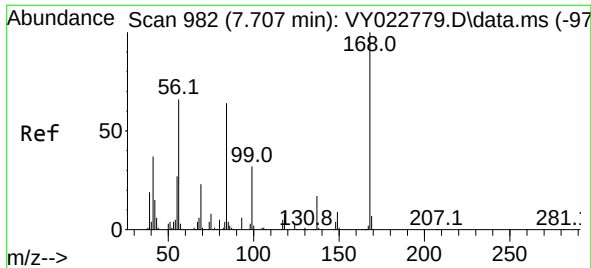
Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Quant Time: Jun 27 23:17:45 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

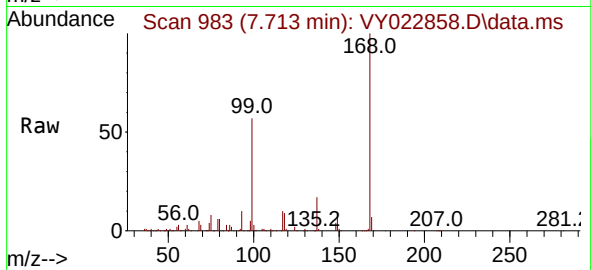
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

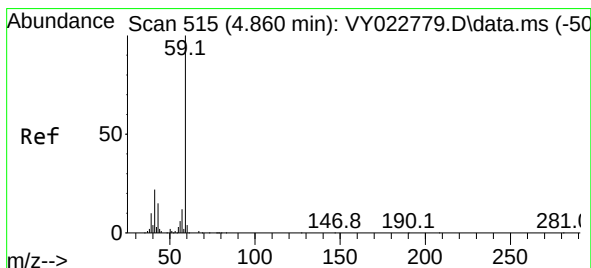
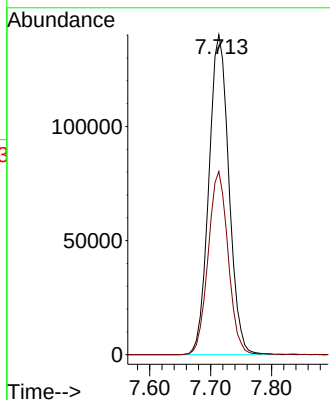
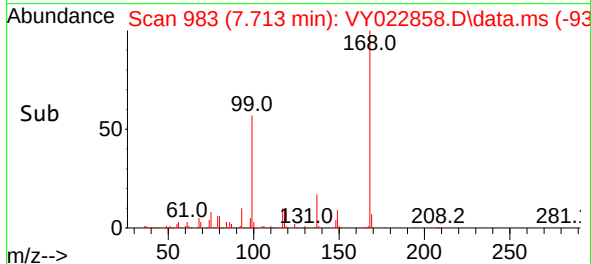
Instrument :
MSVOA_Y
ClientSampleId :
TP-85



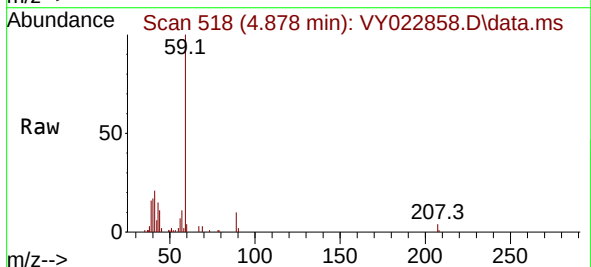
Tgt Ion:168 Resp: 32131
Ion Ratio Lower Upper
168 100
99 57.3 44.3 66.5

Manual Integrations
APPROVED

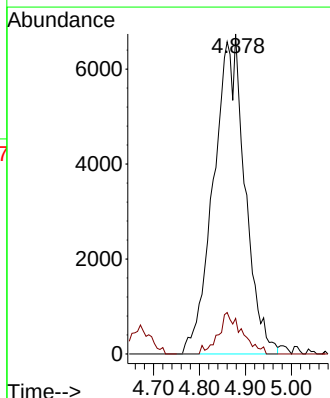
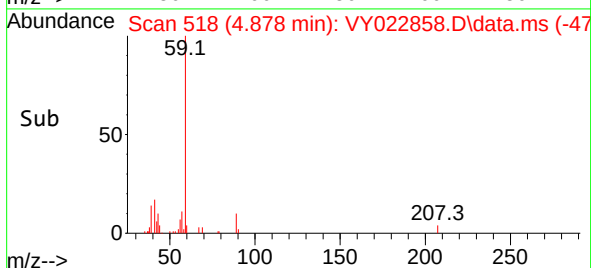
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

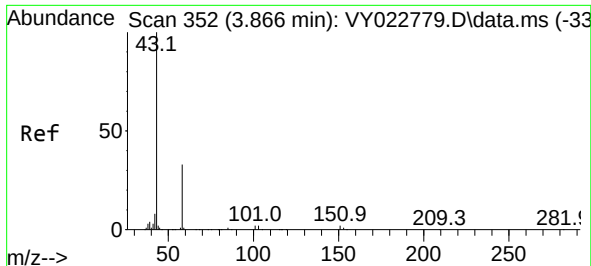


#11
Tert butyl alcohol
Concen: 133.365 ug/l m
RT: 4.878 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46



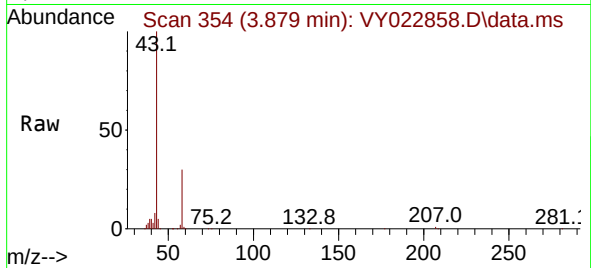
Tgt Ion: 59 Resp: 31802
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0





#16
Acetone
Concen: 154.306 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

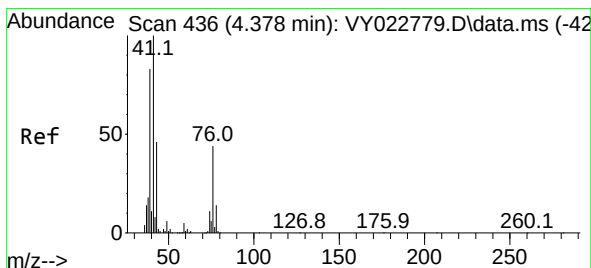
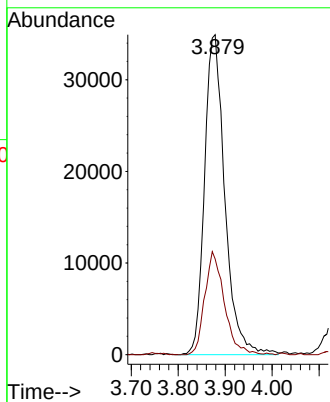
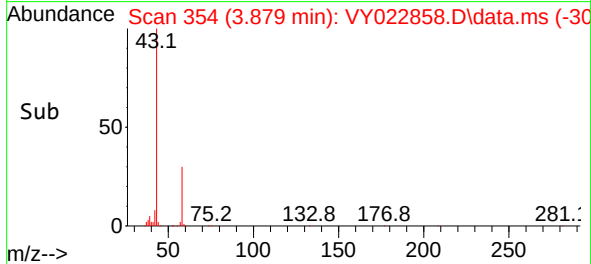
Instrument :
MSVOA_Y
ClientSampleId :
TP-85



Tgt Ion: 43 Resp: 104592
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0

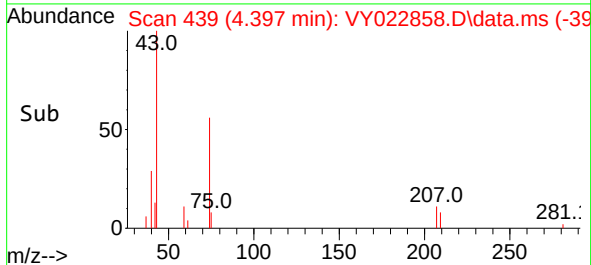
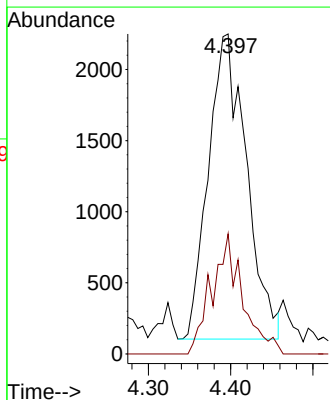
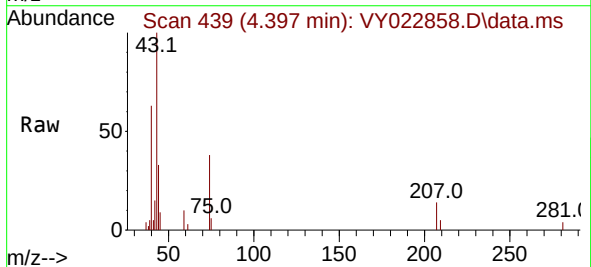
Manual Integrations
APPROVED

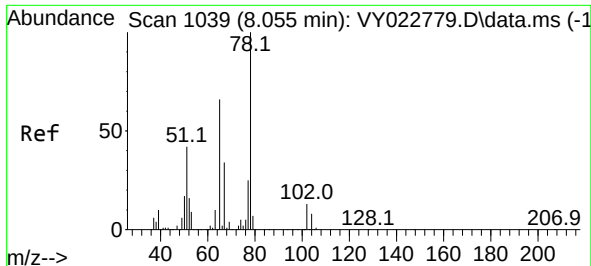
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#18
Methyl Acetate
Concen: 3.063 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

Tgt Ion: 43 Resp: 6876
Ion Ratio Lower Upper
43 100
74 31.8 19.8 29.6#





#33

1,2-Dichloroethane-d4

Concen: 46.481 ug/l

RT: 8.067 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY022858.D

Acq: 27 Jun 2025 13:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-85

Tgt Ion: 65 Resp: 166692

Ion Ratio Lower Upper

65 100

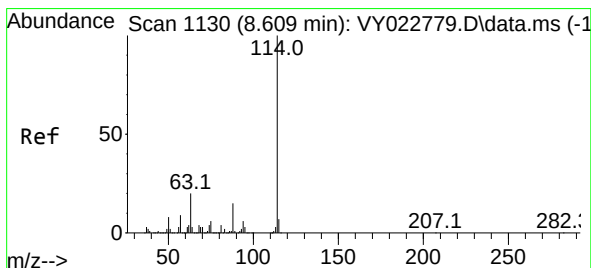
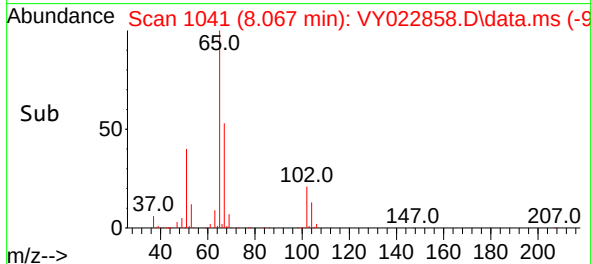
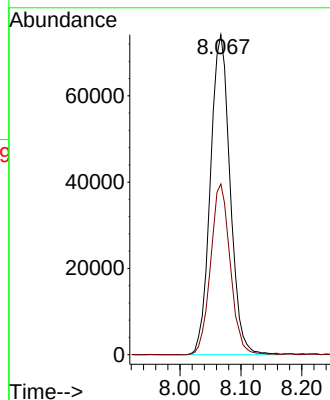
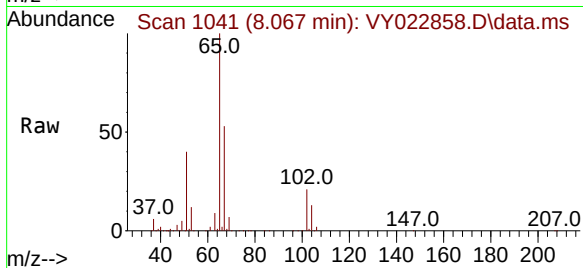
67 53.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022858.D

Acq: 27 Jun 2025 13:46

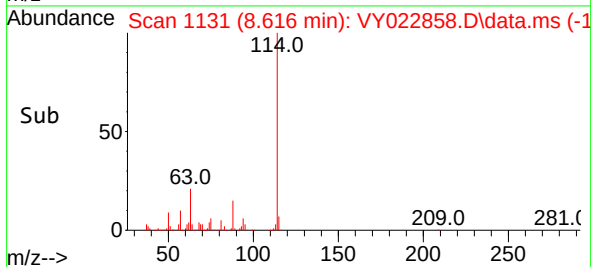
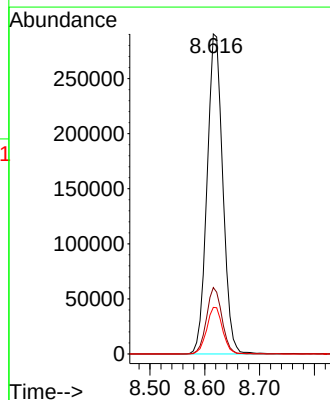
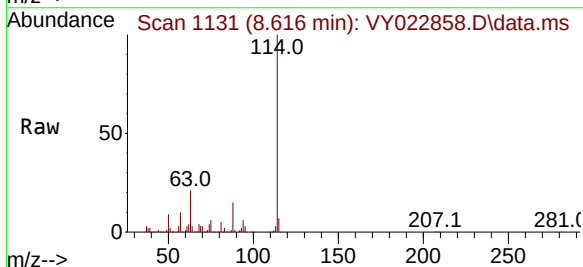
Tgt Ion:114 Resp: 576459

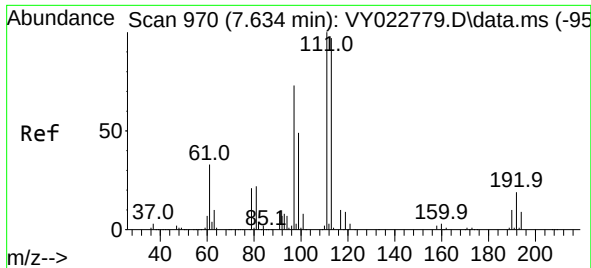
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

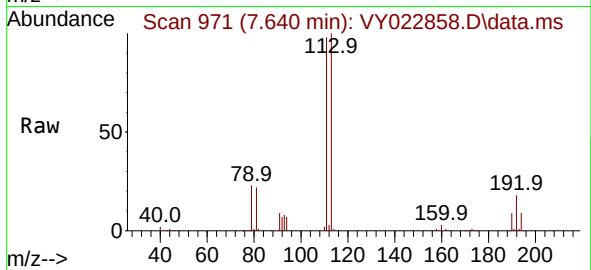
88 14.5 0.0 27.8





#35
Dibromofluoromethane
Concen: 51.304 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

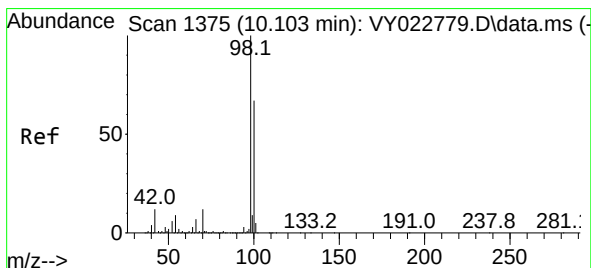
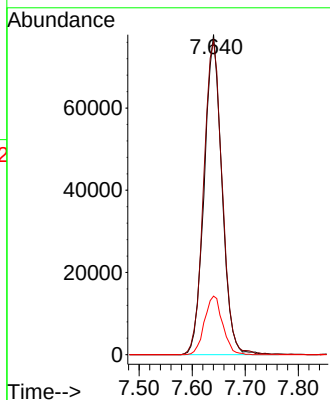
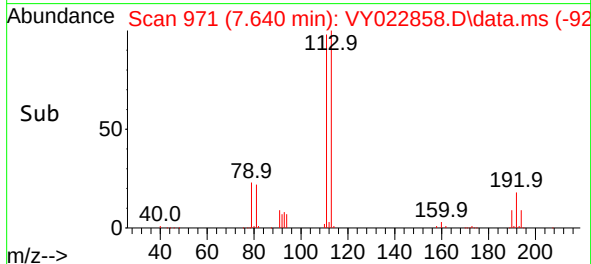
Instrument :
MSVOA_Y
ClientSampleId :
TP-85



Tgt Ion:113 Resp: 17985
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 18.8 14.2 21.2

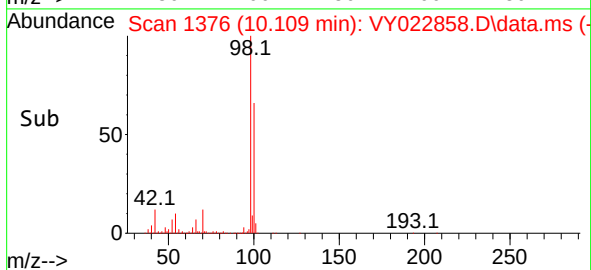
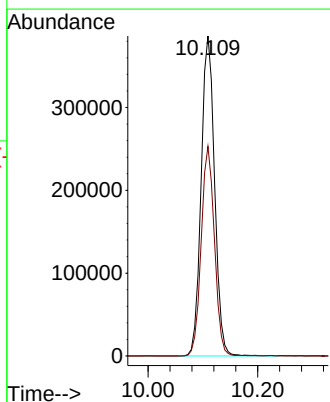
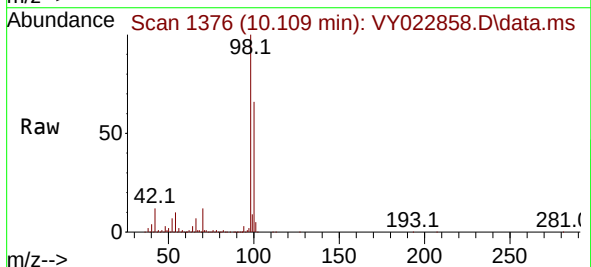
Manual Integrations
APPROVED

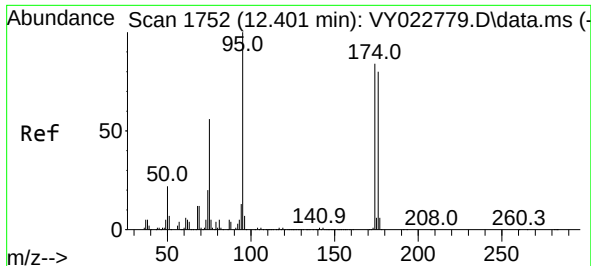
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#50
Toluene-d8
Concen: 47.211 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

Tgt Ion: 98 Resp: 656765
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





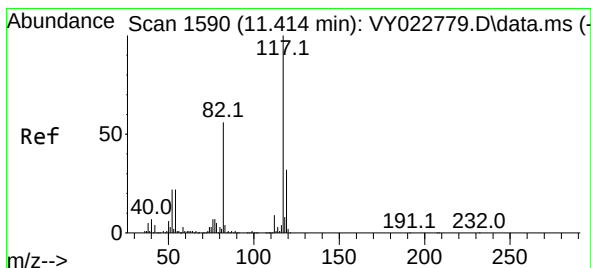
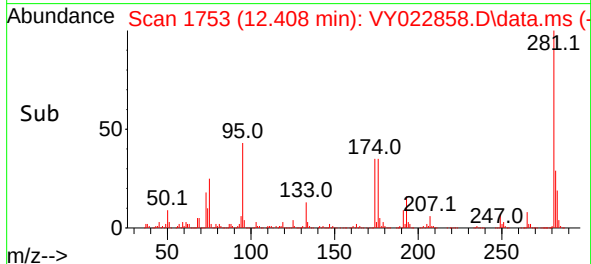
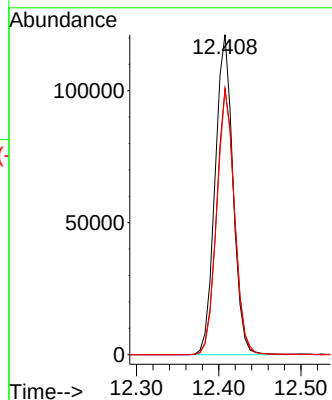
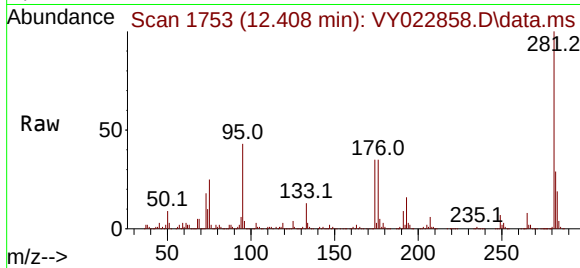
#62
4-Bromofluorobenzene
Concen: 40.965 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-85

Tgt Ion: 95 Resp: 183199
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 82.4 0.0 166.2

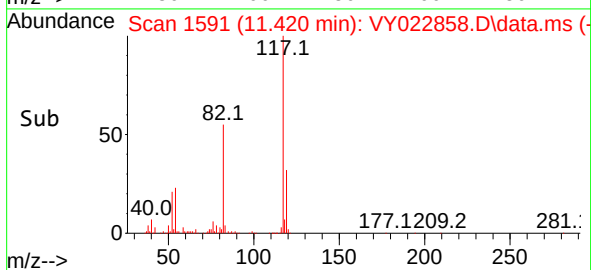
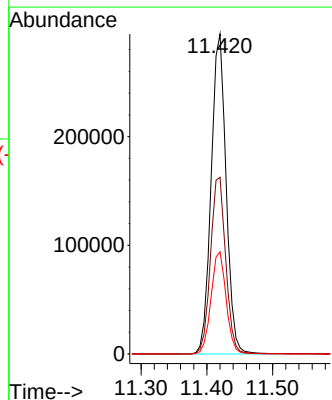
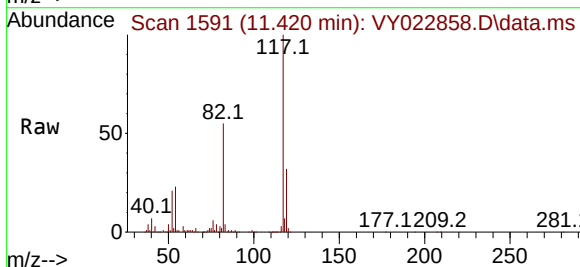
Manual Integrations
APPROVED

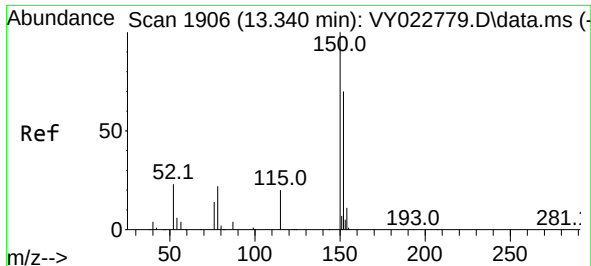
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022858.D
Acq: 27 Jun 2025 13:46

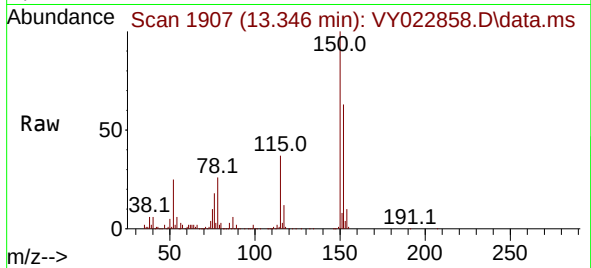
Tgt Ion:117 Resp: 466631
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022858.D
 Acq: 27 Jun 2025 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-85



Tgt Ion:152 Resp: 138920
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.9 86.7
 150 157.5 0.0 349.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

