

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046501.D
 Acq On : 04 Jun 2025 15:26
 Operator : JC/MD
 Sample : Q2175-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EGR-LIQUID

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
 Supervised By :Semsettin Yesilyurt 06/05/2025

Quant Time: Jun 05 01:57:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64019	51.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.385	113	48051	50.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	163467	49.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	65756	52.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.060%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4965320	9885.733	ug/l	97
52) Toluene	8.720	92	21465	9.344	ug/l	99
67) Ethyl Benzene	10.195	91	98596	20.803	ug/l	100
68) m/p-Xylenes	10.299	106	145335	83.843	ug/l	98
69) o-Xylene	10.640	106	134167	79.392	ug/l	98
73) Isopropylbenzene	10.963	105	135363	35.873	ug/l	99
78) n-propylbenzene	11.305	91	607768	138.524	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	563625	178.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1629169	510.332	ug/l	99
85) sec-Butylbenzene	11.890	105	133443	34.227	ug/l	87
86) p-Isopropyltoluene	12.006	119	56916	17.686	ug/l	98
89) n-Butylbenzene	12.329	91	64673m	22.910	ug/l	
95) Naphthalene	13.774	128	9312	2.755	ug/l #	92

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

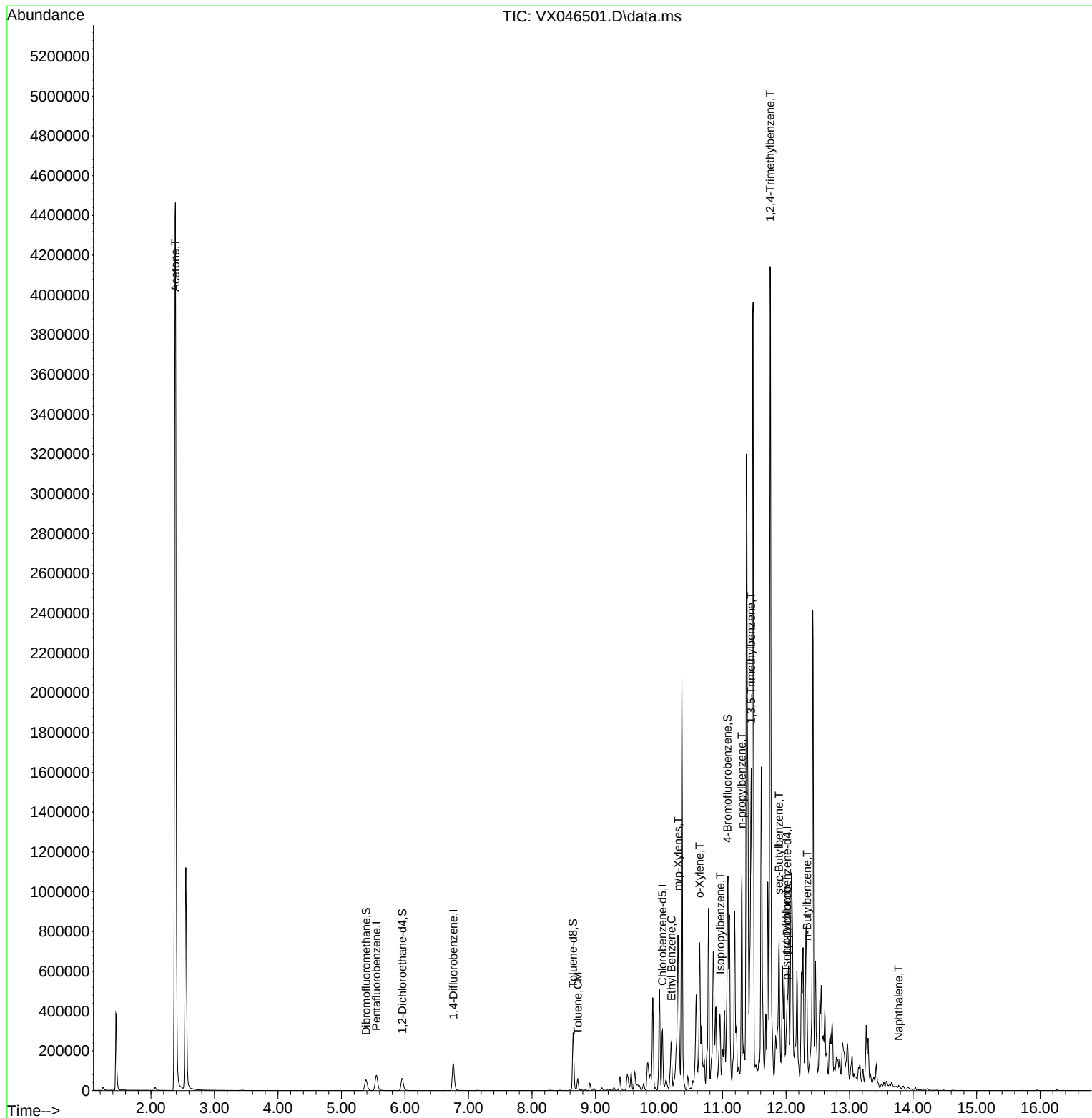
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046501.D
Acq On : 04 Jun 2025 15:26
Operator : JC/MD
Sample : Q2175-06 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Quant Time: Jun 05 01:57:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025





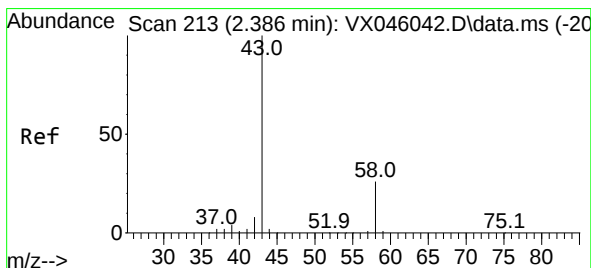
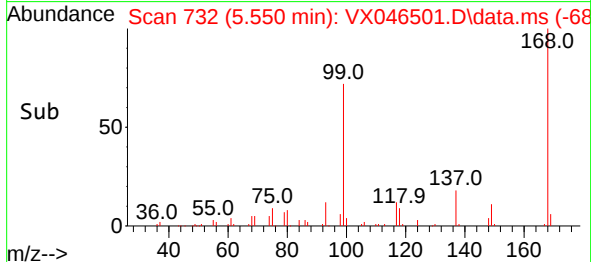
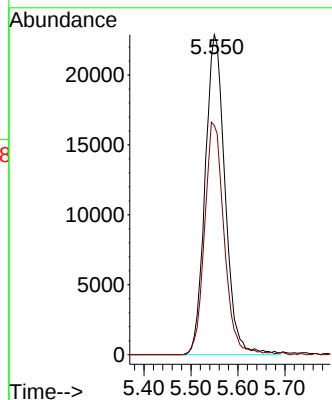
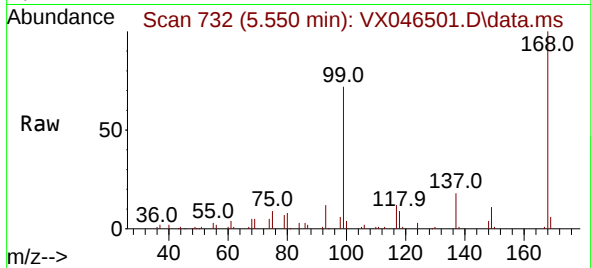
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion:168 Resp: 6719
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3

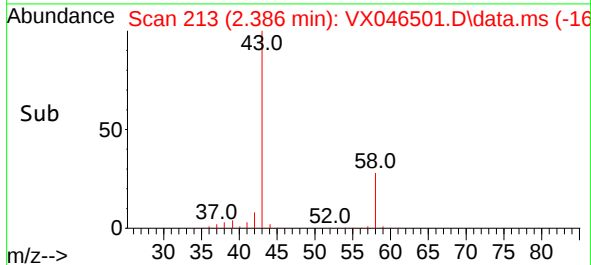
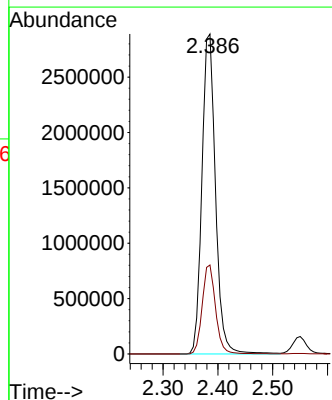
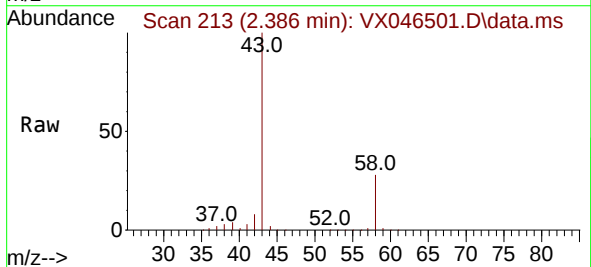
Manual Integrations
APPROVED

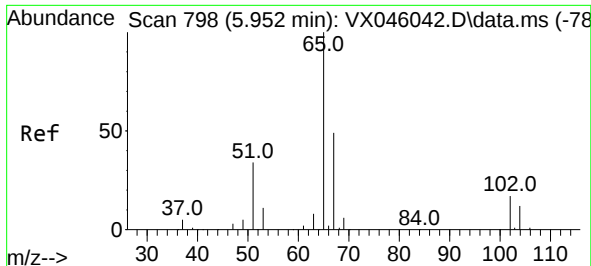
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#16
Acetone
Concen: 9885.733 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 43 Resp: 4965320
Ion Ratio Lower Upper
43 100
58 27.8 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 51.105 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

Tgt Ion: 65 Resp: 64019

Ion Ratio Lower Upper

65 100

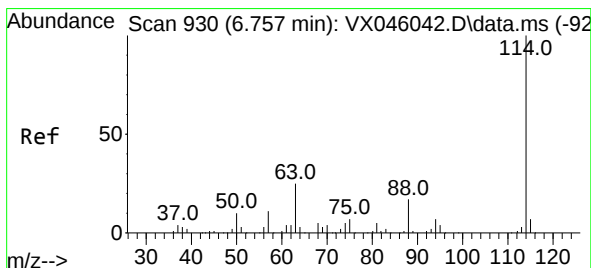
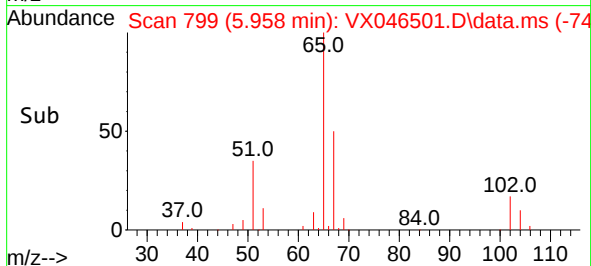
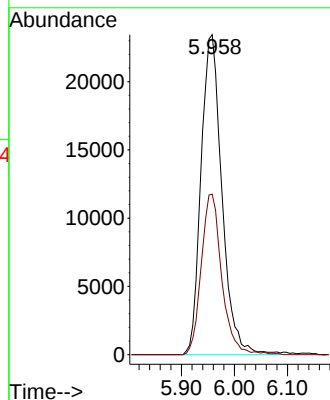
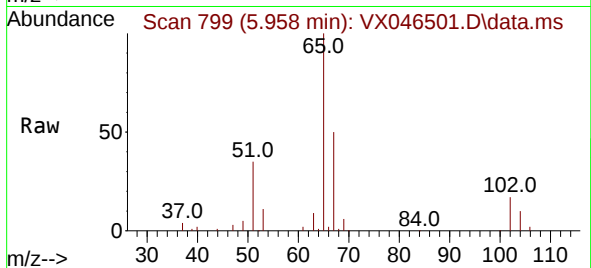
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025

Supervised By :Semsettin Yesilyurt 06/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

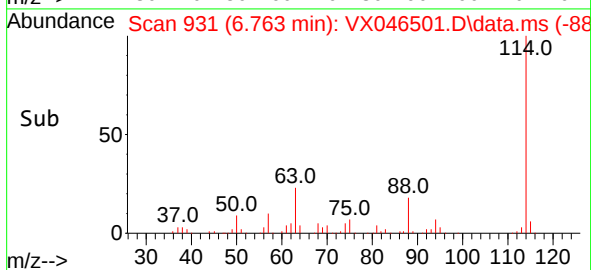
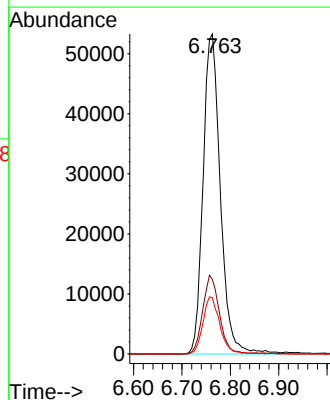
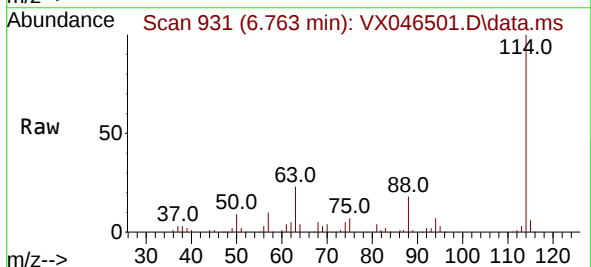
Tgt Ion:114 Resp: 132195

Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.2

88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.477 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

Tgt Ion:113 Resp: 4805

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

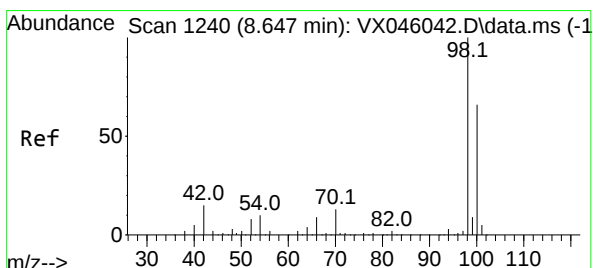
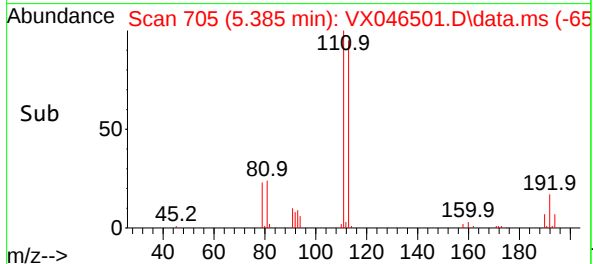
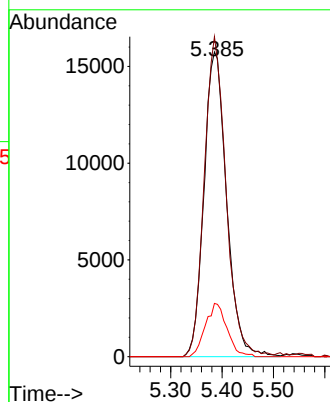
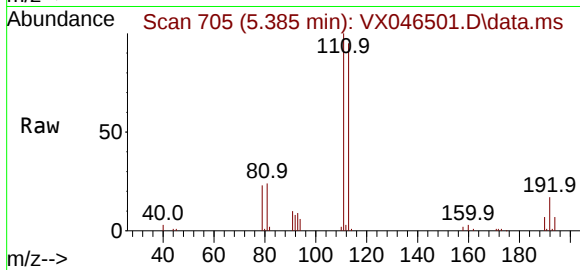
192 16.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025

Supervised By :Semsettin Yesilyurt 06/05/2025



#50

Toluene-d8

Concen: 49.614 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046501.D

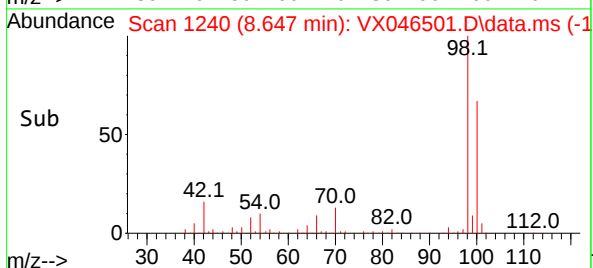
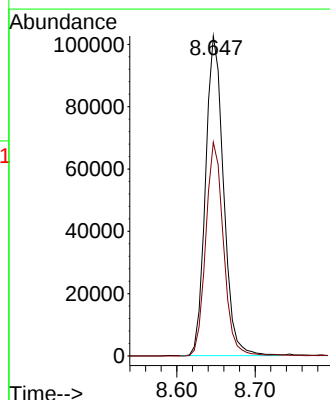
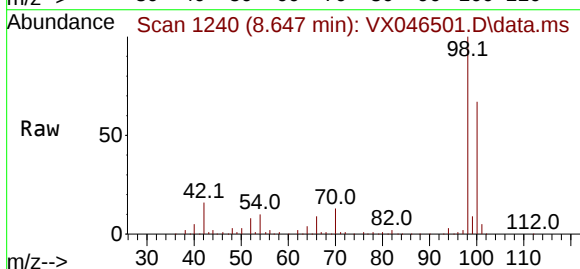
Acq: 04 Jun 2025 15:26

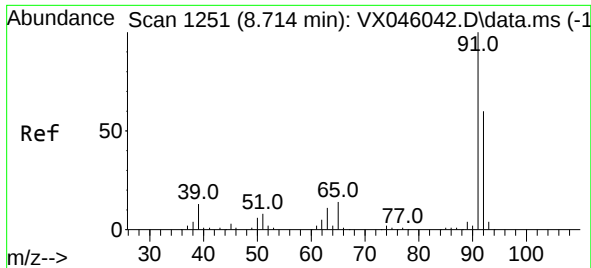
Tgt Ion: 98 Resp: 163467

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3





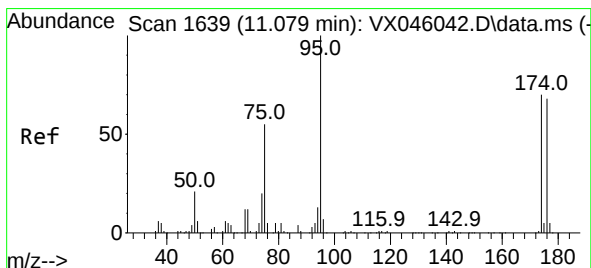
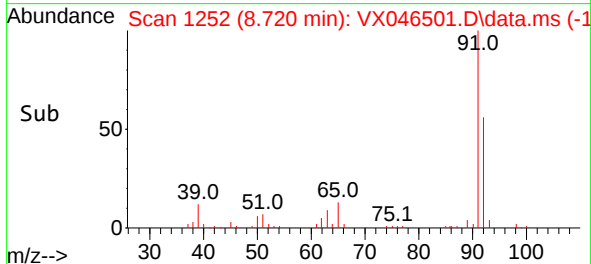
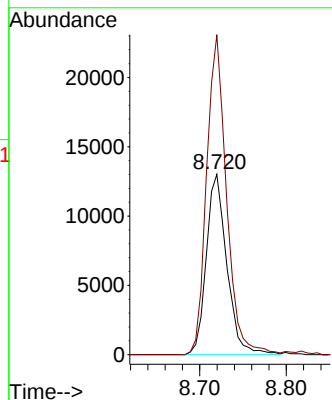
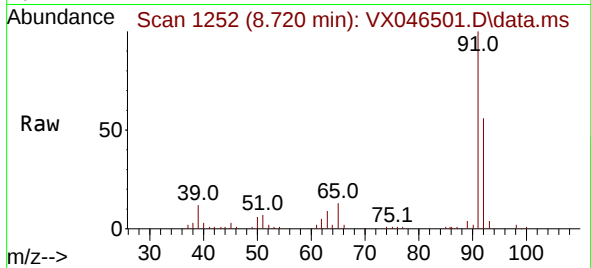
#52
Toluene
Concen: 9.344 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion: 92 Resp: 2146
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0

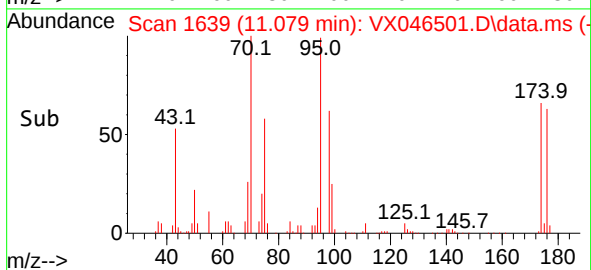
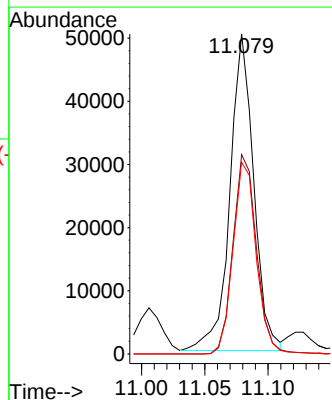
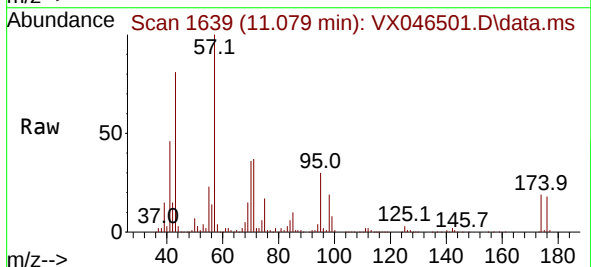
Manual Integrations
APPROVED

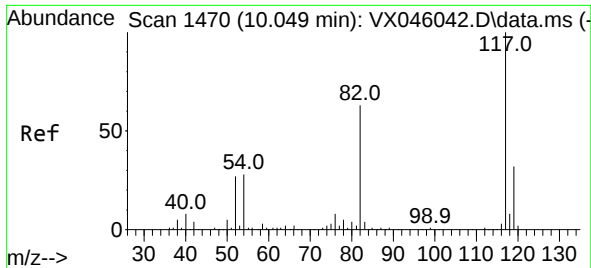
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 95 Resp: 65756
Ion Ratio Lower Upper
95 100
174 62.3 0.0 135.8
176 59.2 0.0 131.4





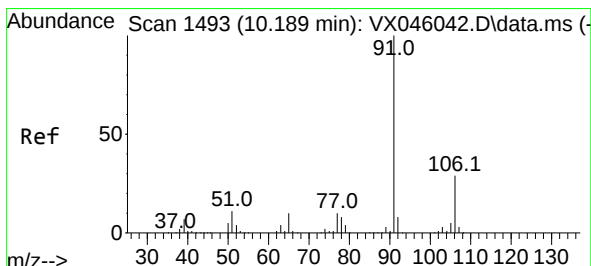
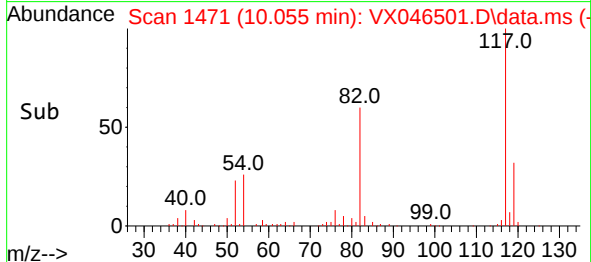
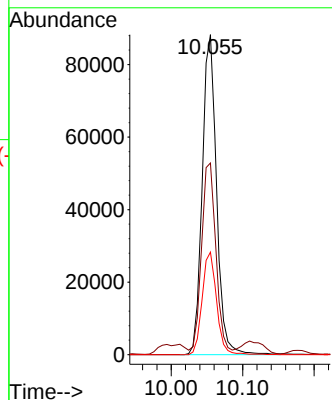
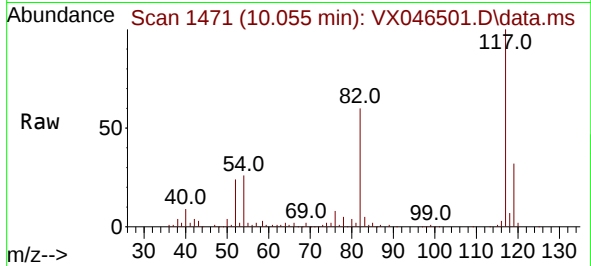
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion:117 Resp: 12284
Ion Ratio Lower Upper
117 100
82 59.7 50.6 76.0
119 32.0 25.8 38.6

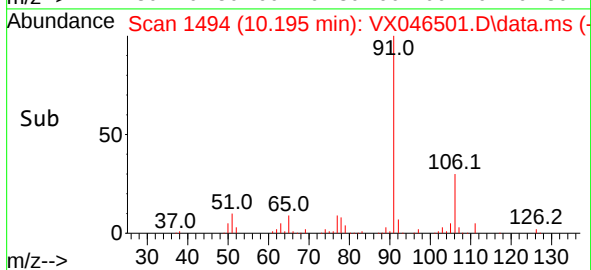
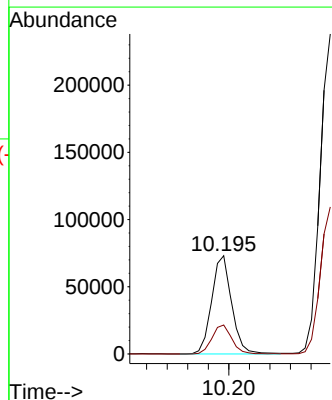
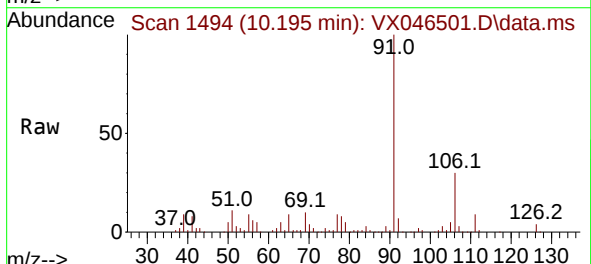
Manual Integrations
APPROVED

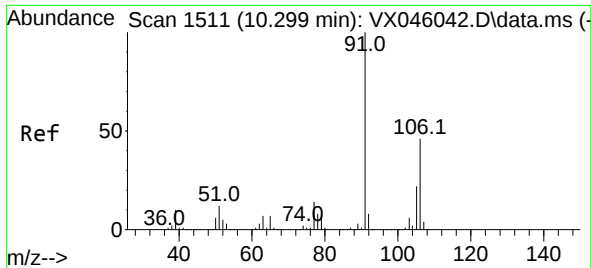
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#67
Ethyl Benzene
Concen: 20.803 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 91 Resp: 98596
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2





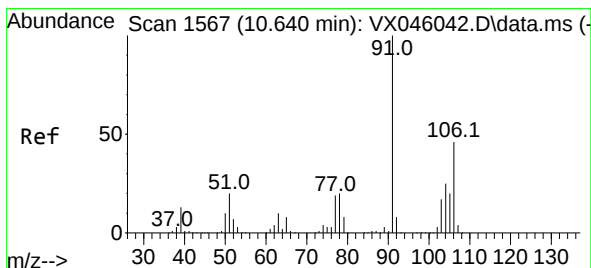
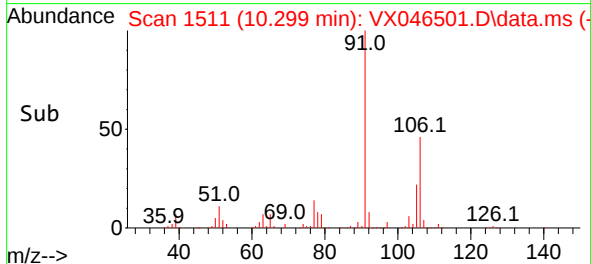
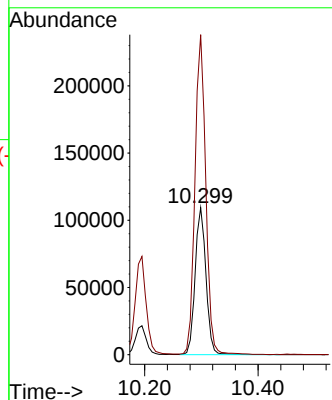
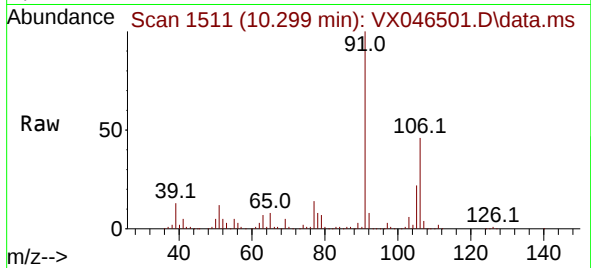
#68
m/p-Xylenes
Concen: 83.843 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion:106 Resp: 145335
Ion Ratio Lower Upper
106 100
91 217.2 171.2 256.8

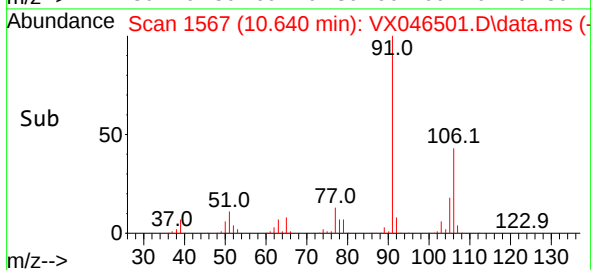
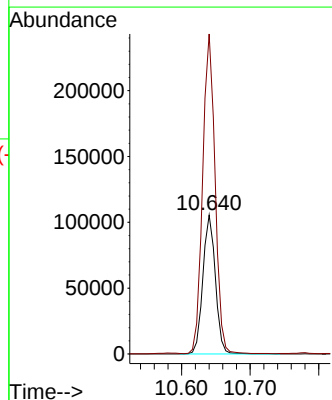
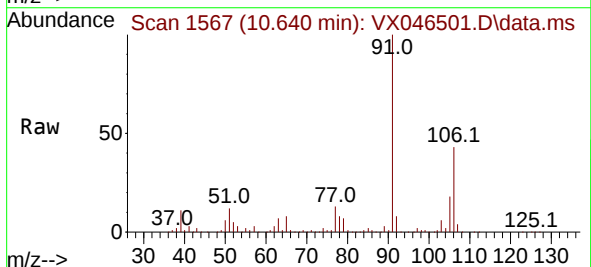
Manual Integrations
APPROVED

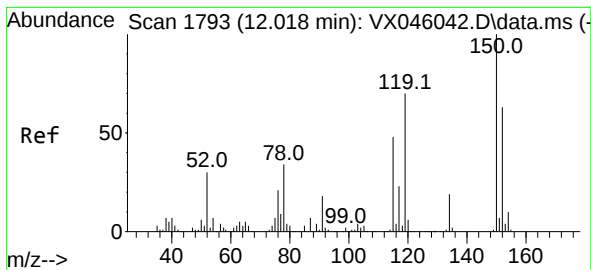
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#69
o-Xylene
Concen: 79.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

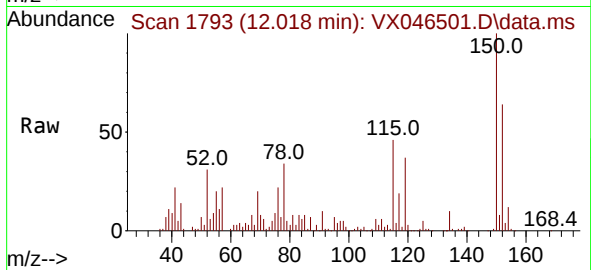
Tgt Ion:106 Resp: 134167
Ion Ratio Lower Upper
106 100
91 229.0 112.7 338.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

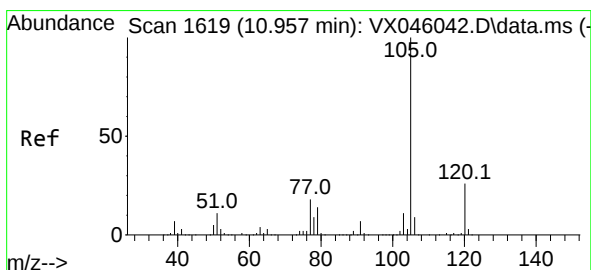
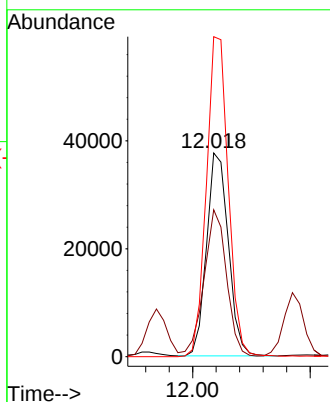
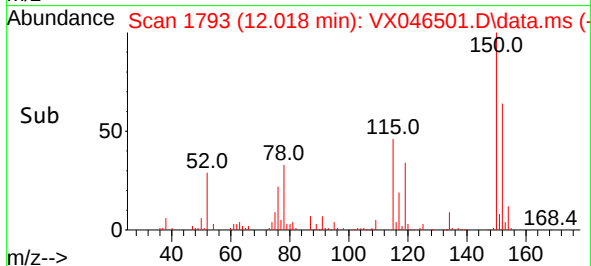
Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID



Tgt Ion:152 Resp: 48468
Ion Ratio Lower Upper
152 100
115 74.2 46.9 140.7
150 158.2 0.0 351.0

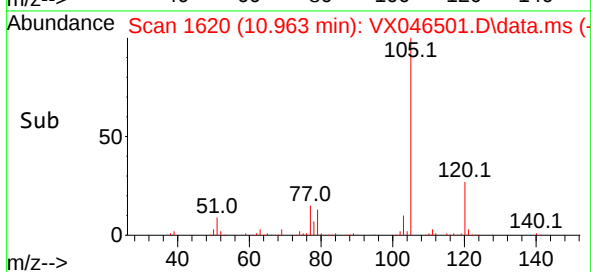
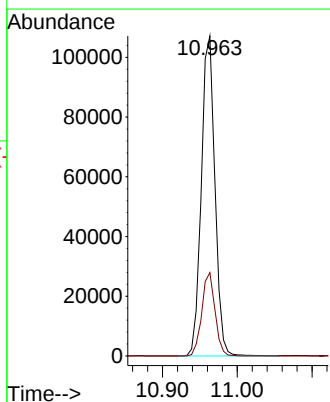
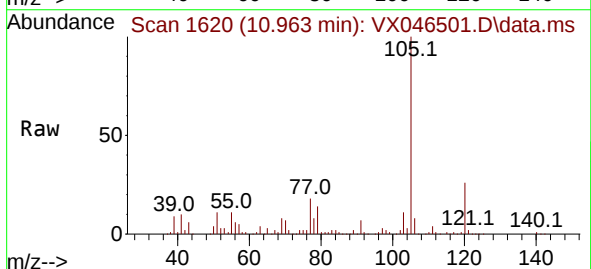
Manual Integrations
APPROVED

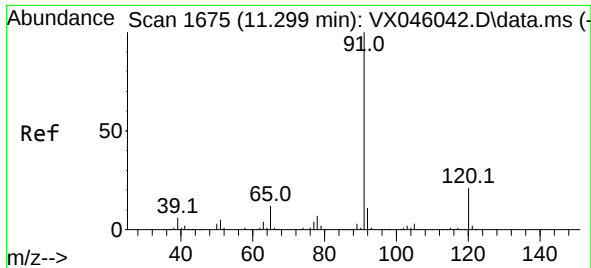
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#73
Isopropylbenzene
Concen: 35.873 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion:105 Resp: 135363
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4





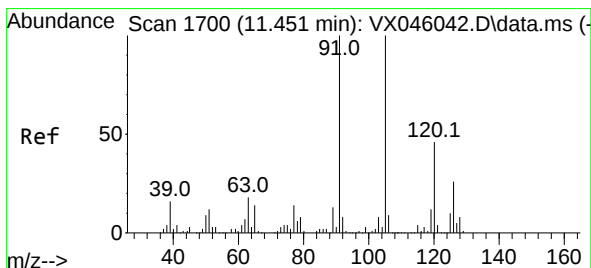
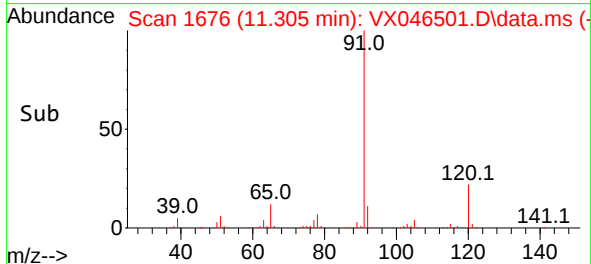
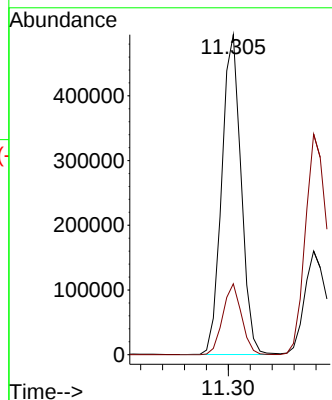
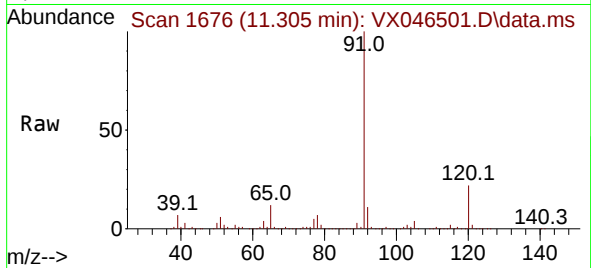
#78
n-propylbenzene
Concen: 138.524 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion: 91 Resp: 607768
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

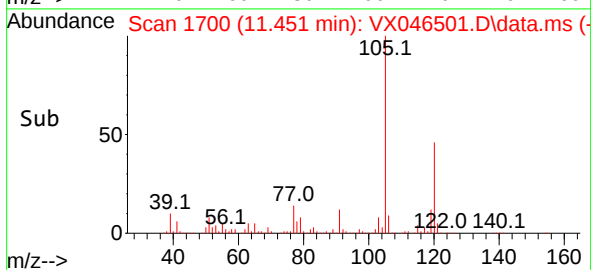
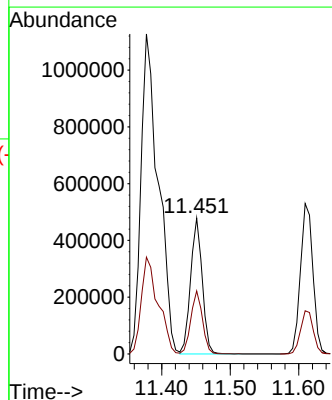
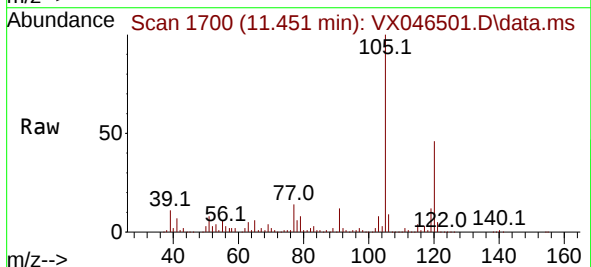
Manual Integrations
APPROVED

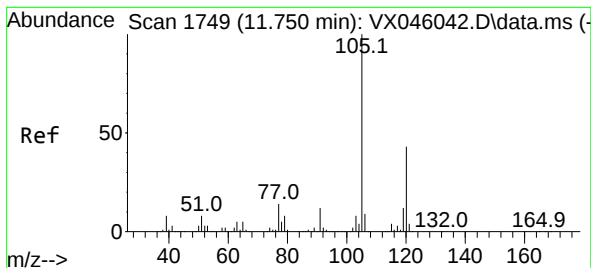
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 178.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion:105 Resp: 563625
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#84

1,2,4-Trimethylbenzene

Concen: 510.332 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046501.D

Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID

Tgt Ion:105 Resp: 1629169

Ion Ratio Lower Upper

105 100

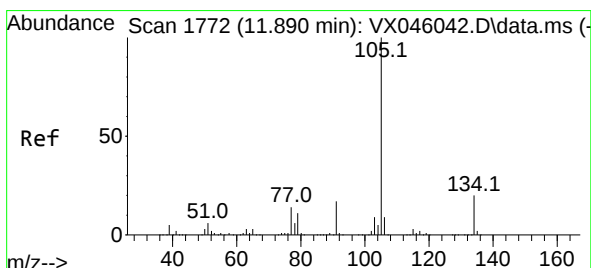
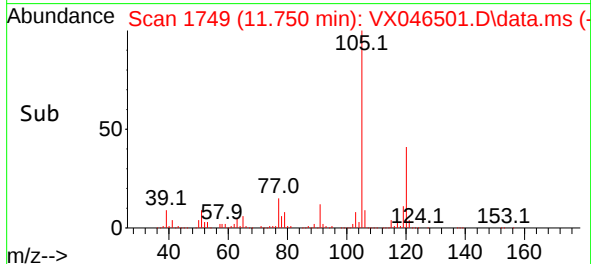
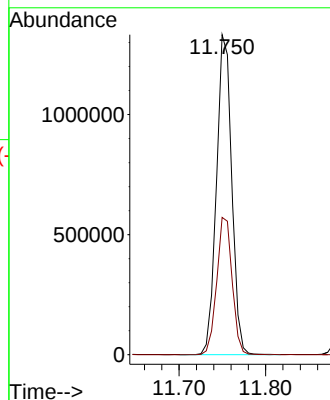
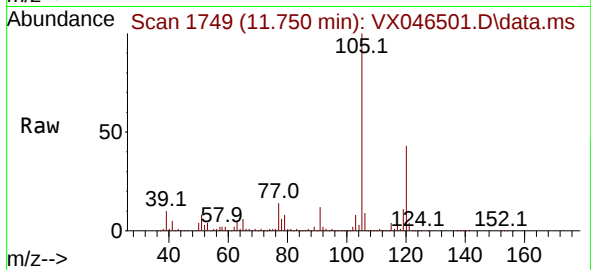
120 43.3 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025

Supervised By :Semsettin Yesilyurt 06/05/2025



#85

sec-Butylbenzene

Concen: 34.227 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX046501.D

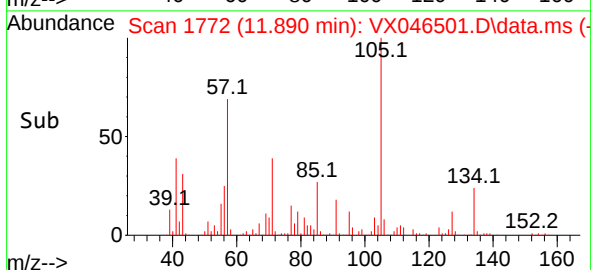
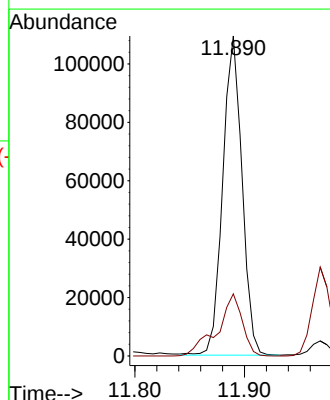
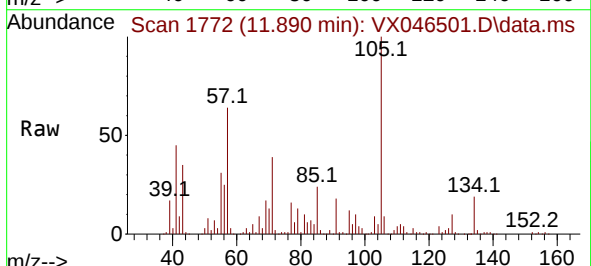
Acq: 04 Jun 2025 15:26

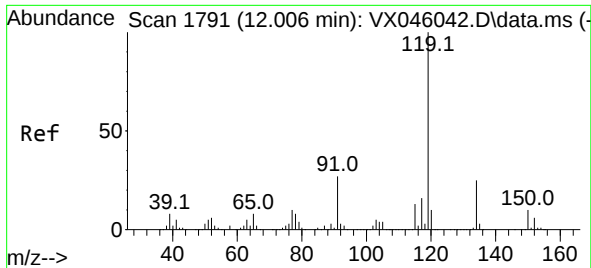
Tgt Ion:105 Resp: 133443

Ion Ratio Lower Upper

105 100

134 25.2 9.7 29.1





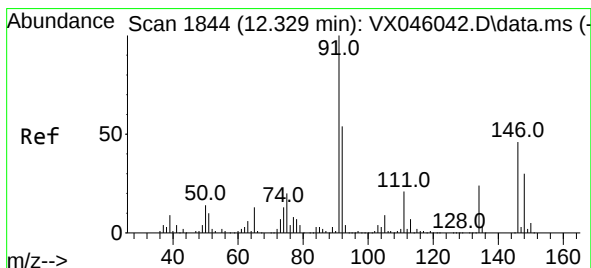
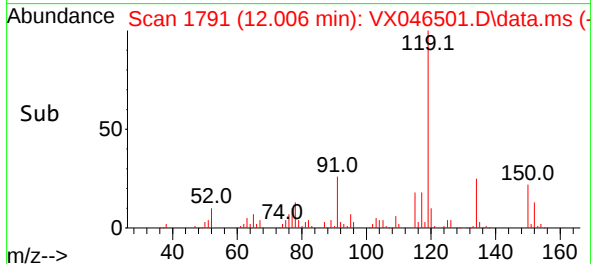
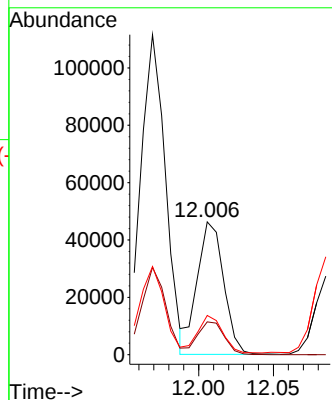
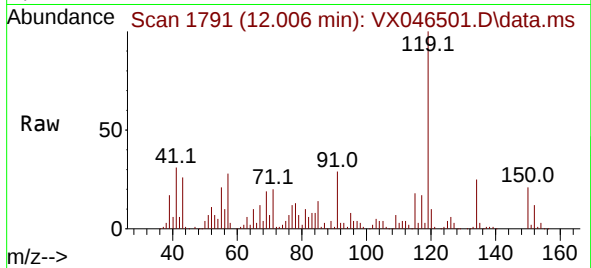
#86
p-Isopropyltoluene
Concen: 17.686 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
EGR-LIQUID

Tgt Ion: 119 Resp: 56910
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 26.4 13.8 41.4

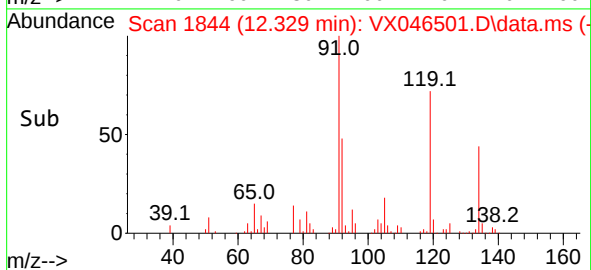
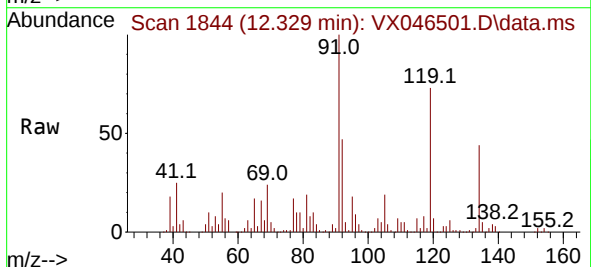
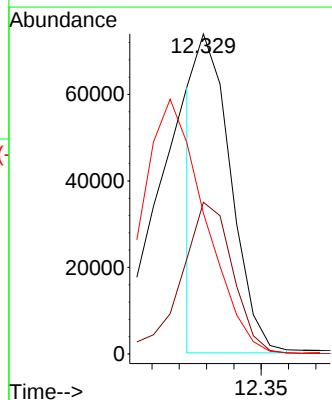
Manual Integrations
APPROVED

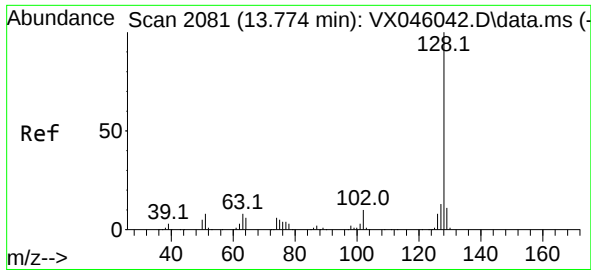
Reviewed By :Mahesh Dadoda 06/05/2025
Supervised By :Semsettin Yesilyurt 06/05/2025



#89
n-Butylbenzene
Concen: 22.910 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046501.D
Acq: 04 Jun 2025 15:26

Tgt Ion: 91 Resp: 64673
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 0.0 11.8 35.3#





#95

Naphthalene

Concen: 2.755 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046501.D

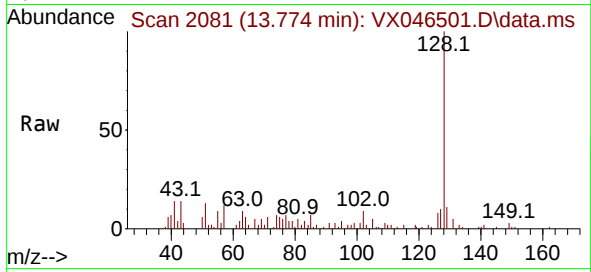
Acq: 04 Jun 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

EGR-LIQUID



Tgt Ion:128 Resp: 9312

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 16.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025

Supervised By :Semsettin Yesilyurt 06/05/2025

