

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046967.D
 Acq On : 14 Jul 2025 12:49
 Operator : JC/MD
 Sample : Q2480-02ME
 Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX2ME

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
 Supervised By :Semsettin Yesilyurt 07/15/2025

Quant Time: Jul 15 01:17:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	302766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208433	52.110	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.220%			
35) Dibromofluoromethane	5.397	113	166531	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	8.647	98	593241	48.373	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	239079	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
31) Cyclohexane	5.477	56	21084	3.688	ug/l	93
39) Methylcyclohexane	7.379	83	114611	19.536	ug/l	91
40) Benzene	6.050	78	16692	1.177	ug/l	96
52) Toluene	8.720	92	10690	1.216	ug/l	93
64) Tetrachloroethene	9.275	164	4393	1.438	ug/l	90
67) Ethyl Benzene	10.195	91	133370	7.850	ug/l	100
68) m/p-Xylenes	10.299	106	182808	28.553	ug/l	98
69) o-Xylene	10.646	106	9474	1.532	ug/l	90
73) Isopropylbenzene	10.963	105	40776	2.471	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218024	16.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	595843	43.962	ug/l	96
86) p-Isopropyltoluene	12.006	119	30435	2.081	ug/l	96
89) n-Butylbenzene	12.323	91	44480m	3.237	ug/l	
95) Naphthalene	13.774	128	112016	8.399	ug/l	98

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

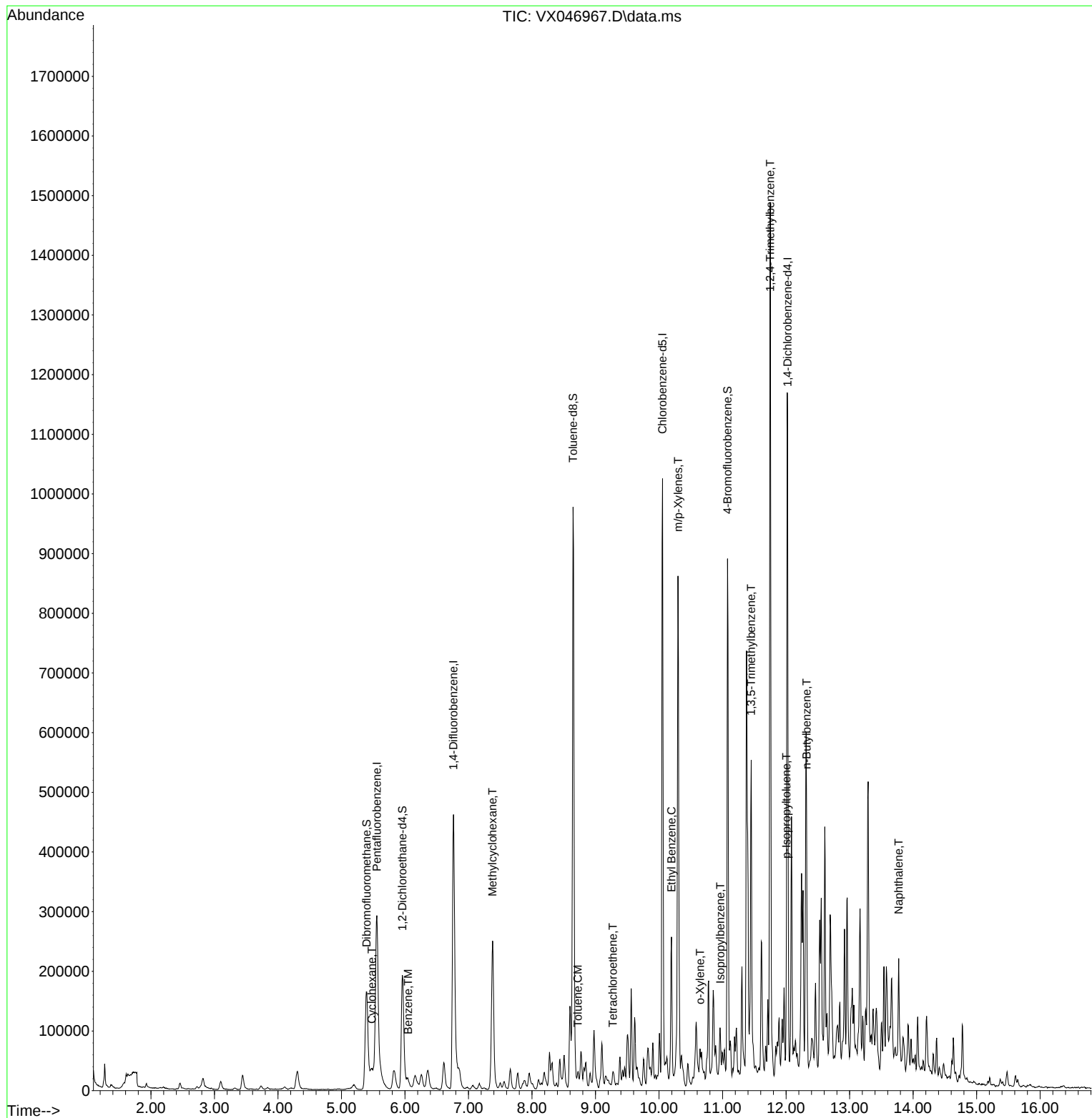
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046967.D
Acq On : 14 Jul 2025 12:49
Operator : JC/MD
Sample : Q2480-02ME
Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

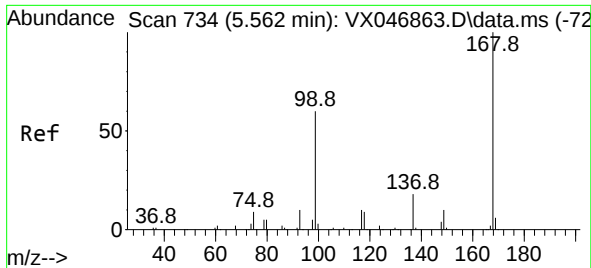
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

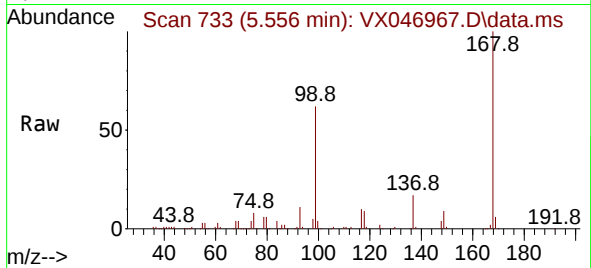
Quant Time: Jul 15 01:17:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

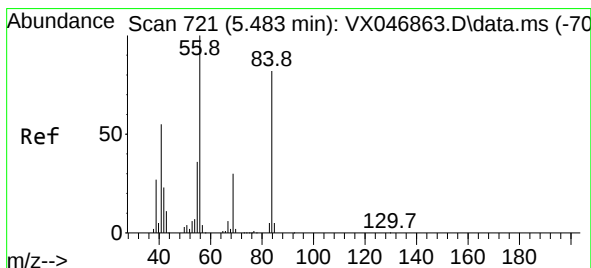
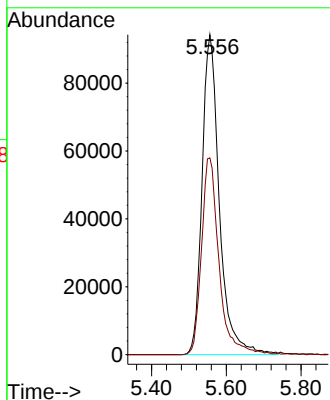
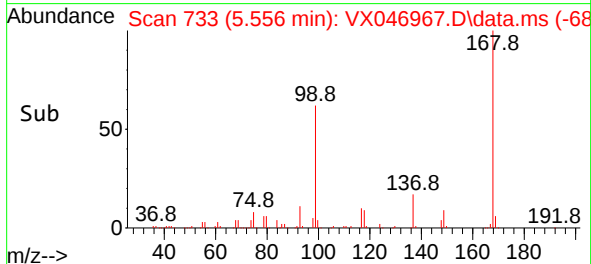
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME



Tgt Ion:168 Resp: 302760
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2

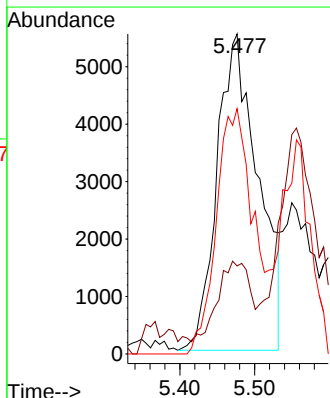
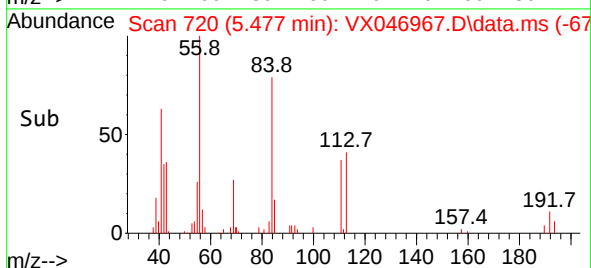
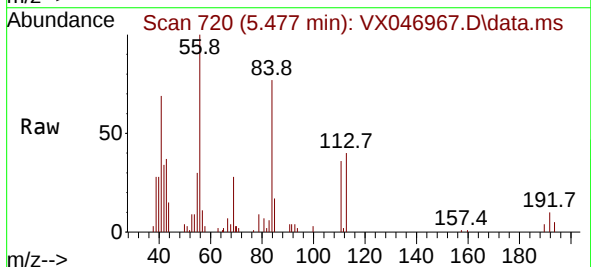
Manual Integrations
APPROVED

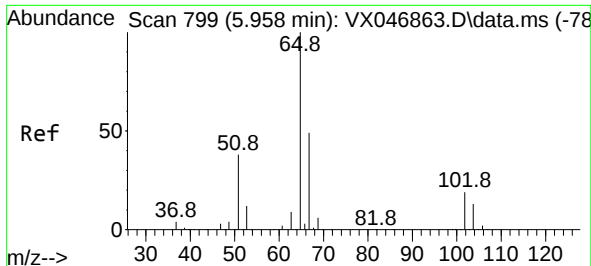
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#31
Cyclohexane
Concen: 3.688 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 56 Resp: 21084
Ion Ratio Lower Upper
56 100
69 25.0 24.0 36.0
84 77.5 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 52.110 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion: 65 Resp: 20843

Ion Ratio Lower Upper

65 100

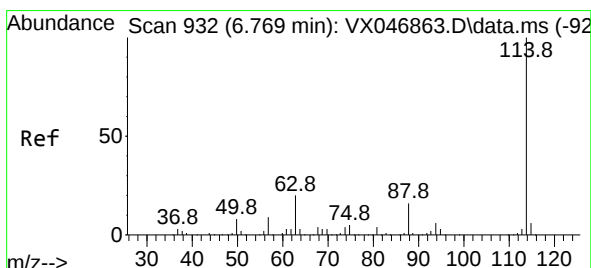
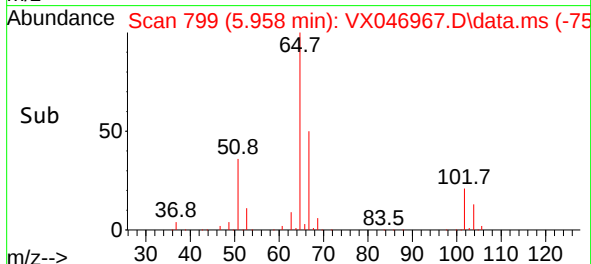
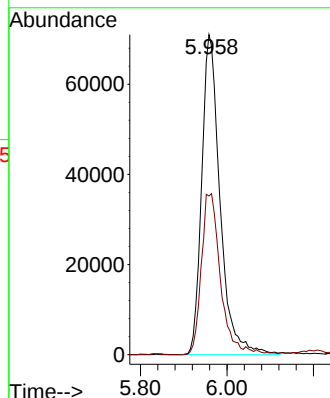
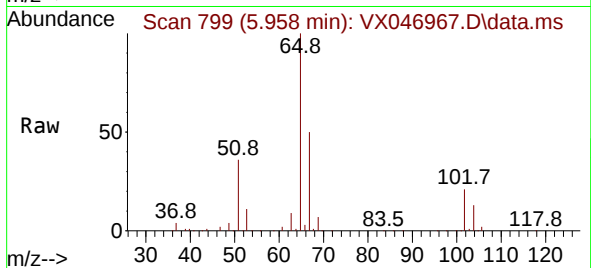
67 51.3 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025

Supervised By :Semsettin Yesilyurt 07/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

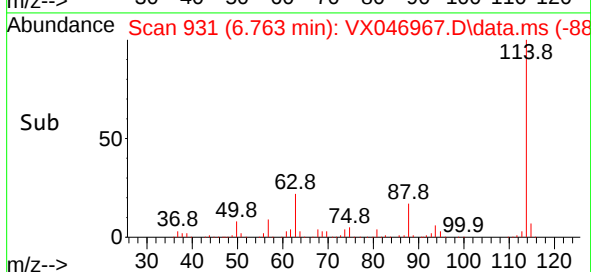
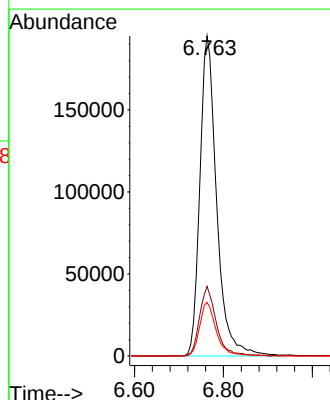
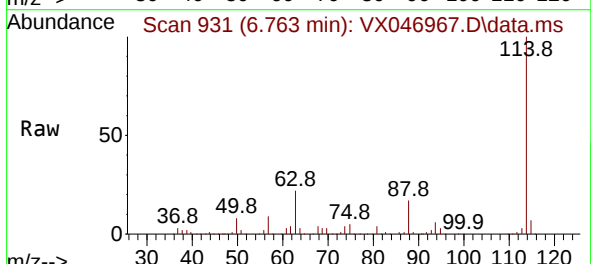
Tgt Ion:114 Resp: 512075

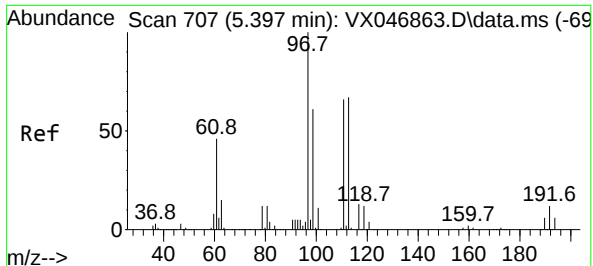
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

88 16.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046967.D

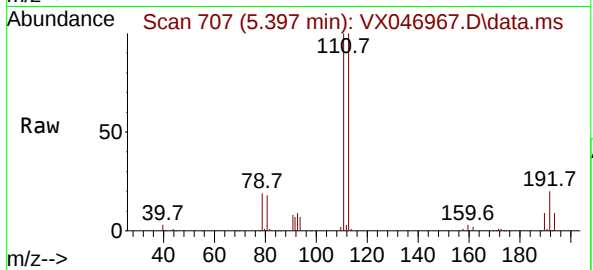
Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME



Tgt Ion:113 Resp: 16653

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

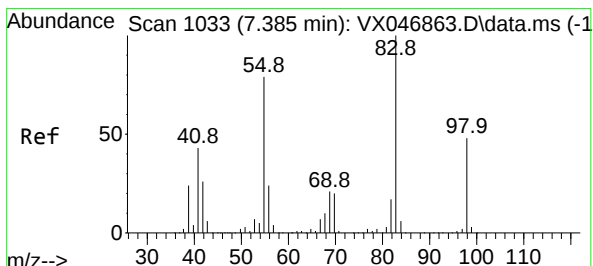
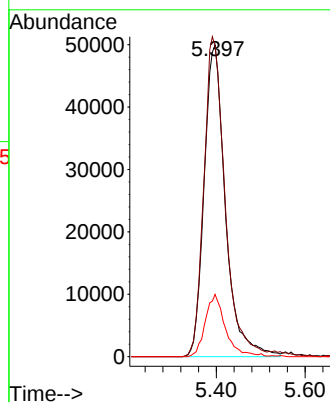
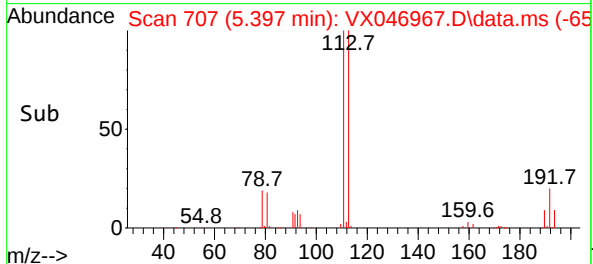
192 18.9 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025

Supervised By :Semsettin Yesilyurt 07/15/2025



#39

Methylcyclohexane

Concen: 19.536 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

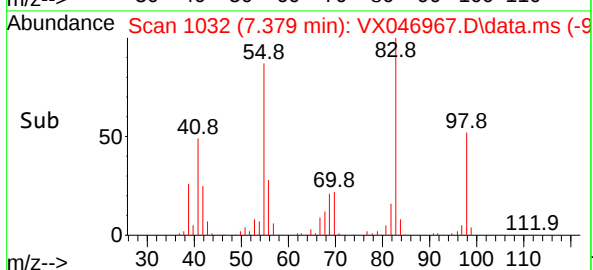
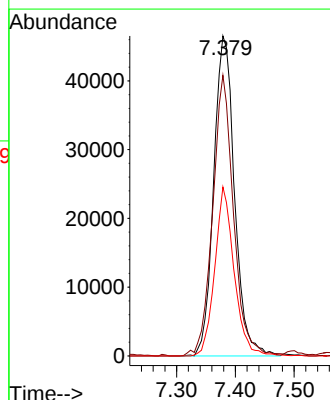
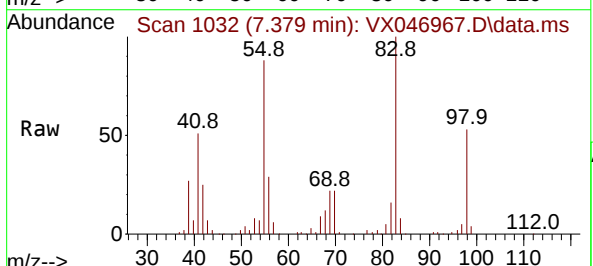
Tgt Ion: 83 Resp: 114611

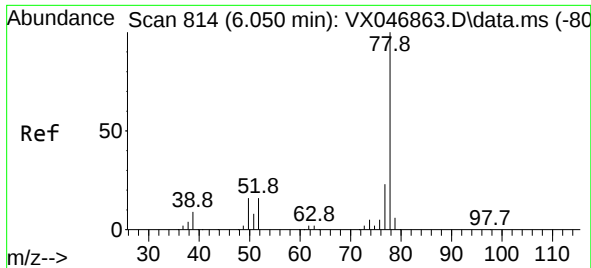
Ion Ratio Lower Upper

83 100

55 87.7 63.0 94.4

98 52.8 38.5 57.7





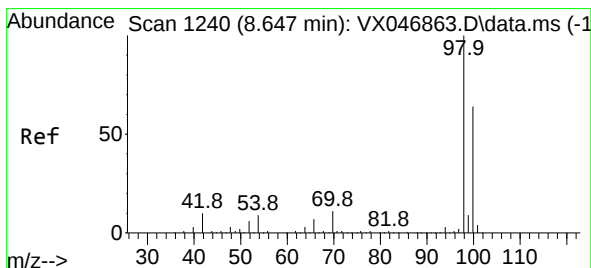
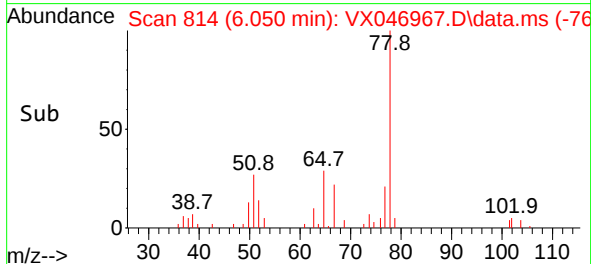
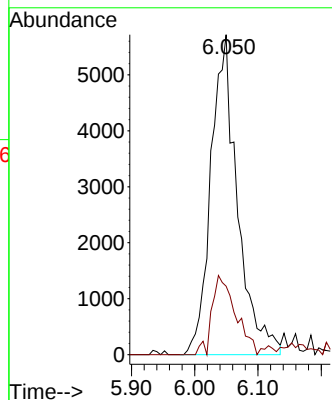
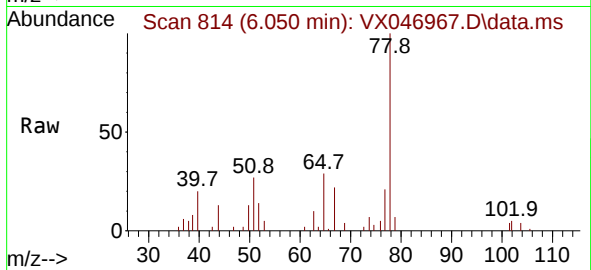
#40
Benzene
Concen: 1.177 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Tgt Ion: 78 Resp: 16692
Ion Ratio Lower Upper
78 100
77 21.4 18.7 28.1

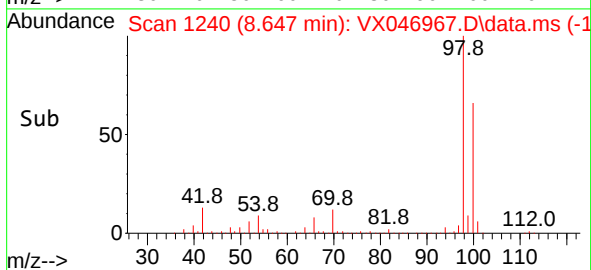
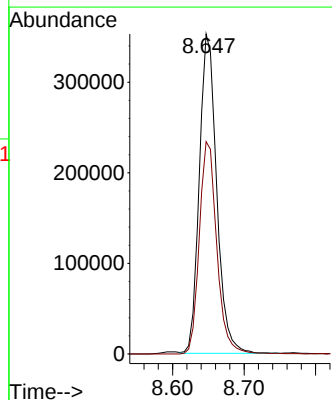
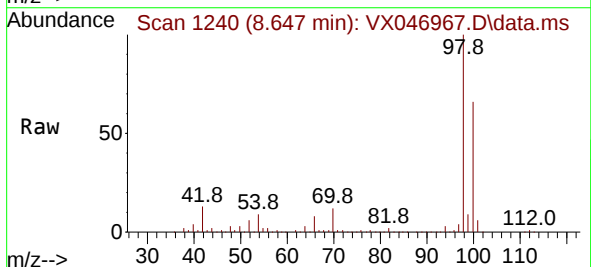
Manual Integrations
APPROVED

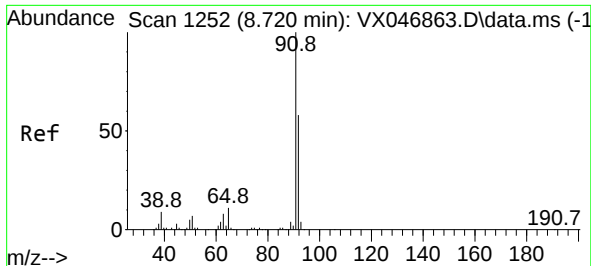
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#50
Toluene-d8
Concen: 48.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

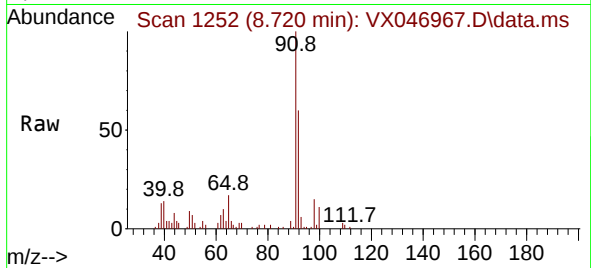
Tgt Ion: 98 Resp: 593241
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6





#52
Toluene
Concen: 1.216 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

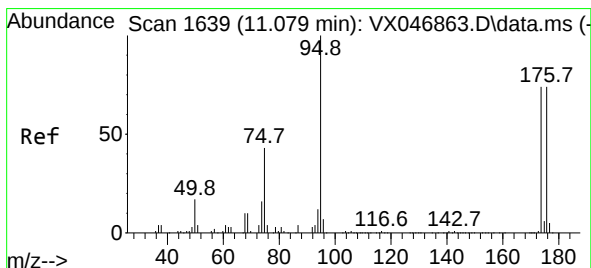
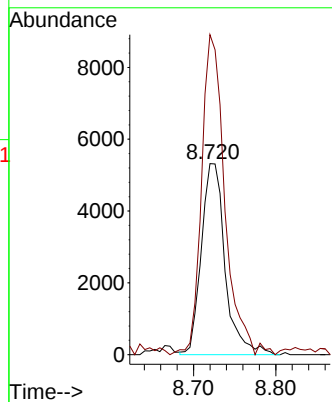
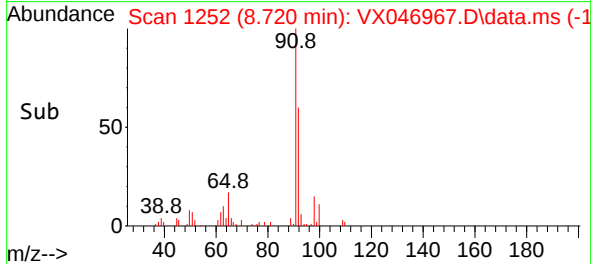
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME



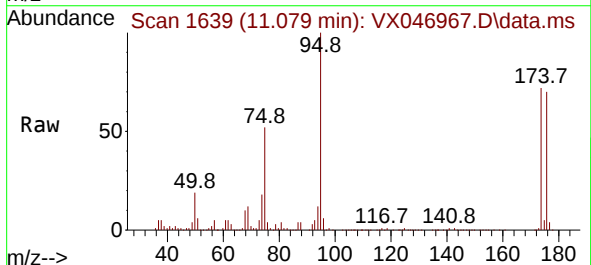
Tgt Ion: 92 Resp: 10690
Ion Ratio Lower Upper
92 100
91 162.0 137.9 206.9

Manual Integrations
APPROVED

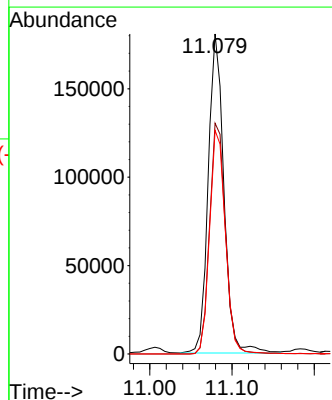
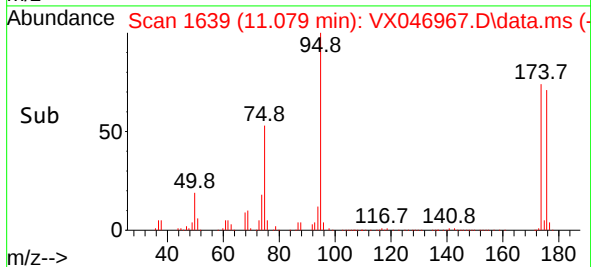
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025

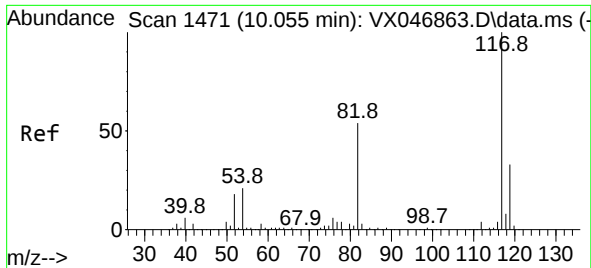


#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49



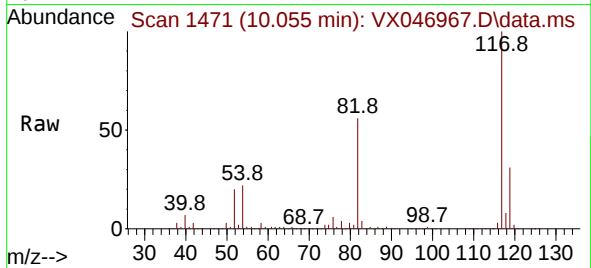
Tgt Ion: 95 Resp: 239079
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.0
176 71.0 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

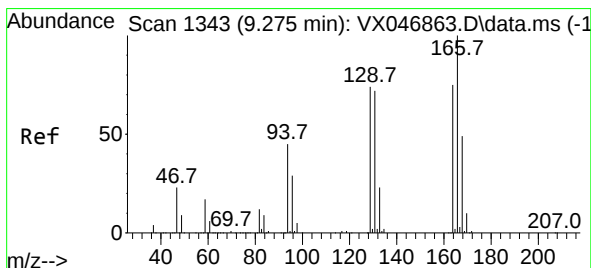
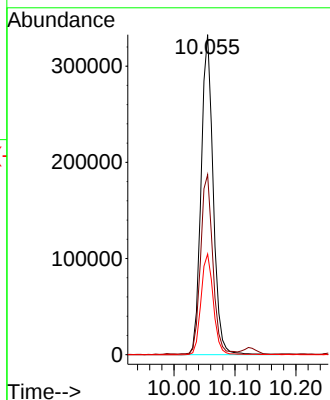
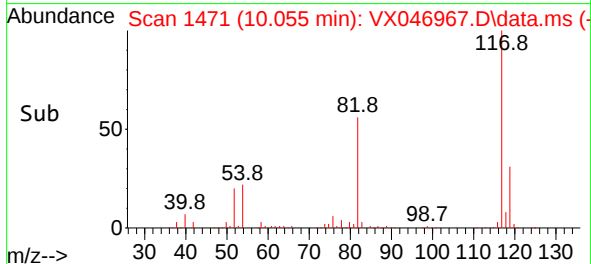
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME



Tgt Ion:117 Resp: 45889
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 31.4 26.4 39.6

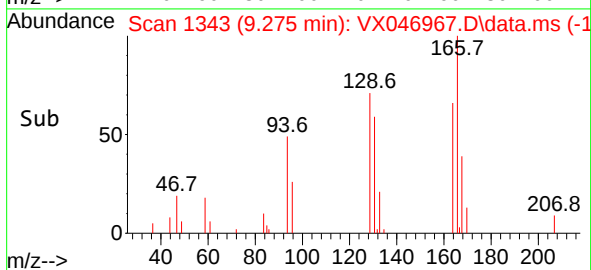
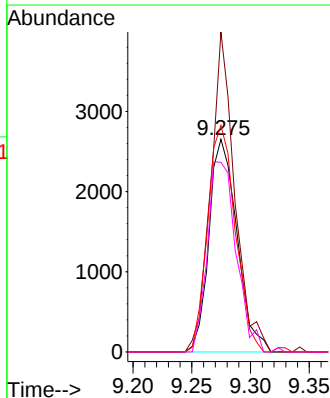
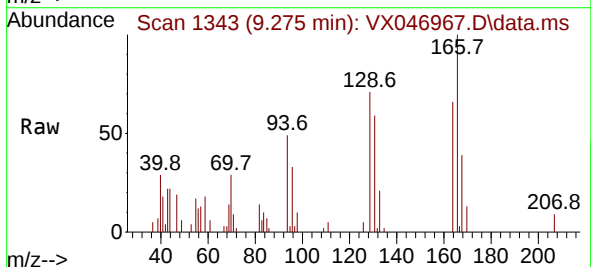
Manual Integrations
APPROVED

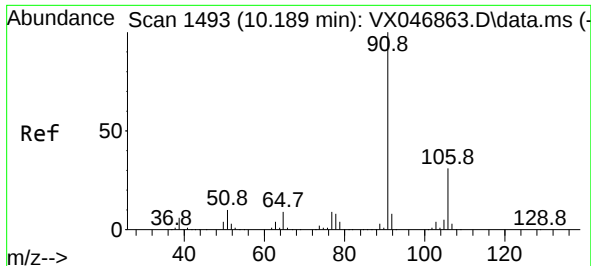
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#64
Tetrachloroethene
Concen: 1.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:164 Resp: 4393
Ion Ratio Lower Upper
164 100
166 150.5 107.0 160.6
129 106.6 79.7 119.5
131 89.2 77.1 115.7





#67

Ethyl Benzene

Concen: 7.850 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion: 91 Resp: 133370

Ion Ratio Lower Upper

91 100

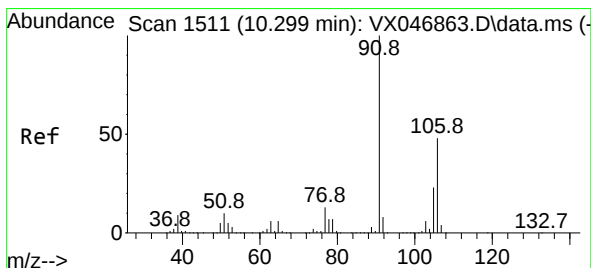
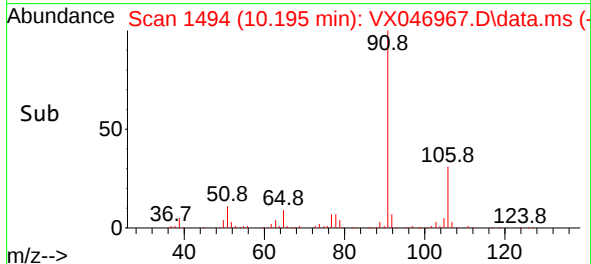
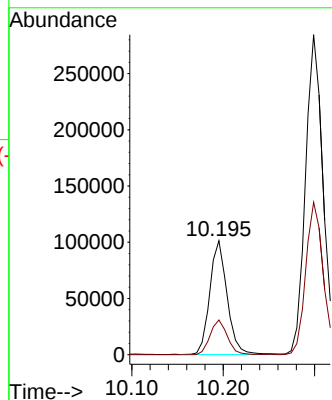
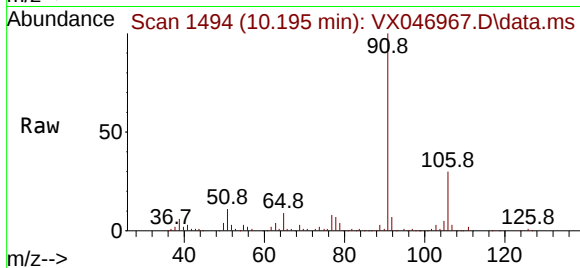
106 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025

Supervised By :Semsettin Yesilyurt 07/15/2025



#68

m/p-Xylenes

Concen: 28.553 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046967.D

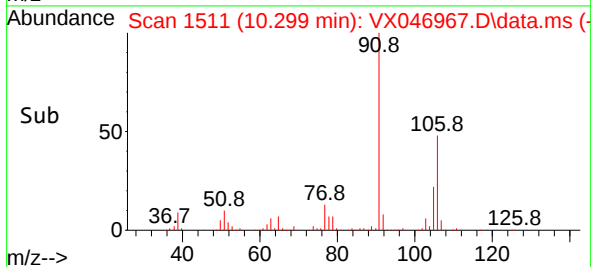
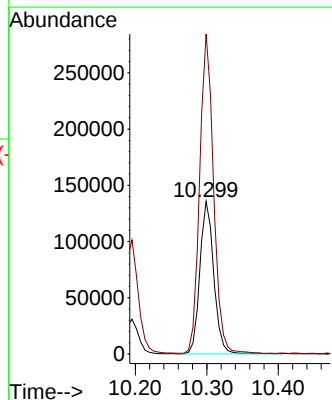
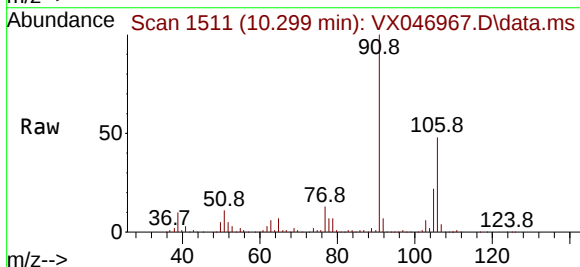
Acq: 14 Jul 2025 12:49

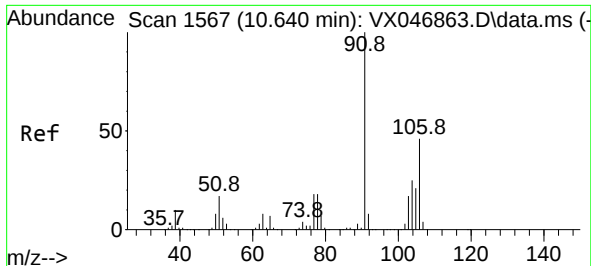
Tgt Ion:106 Resp: 182808

Ion Ratio Lower Upper

106 100

91 209.0 164.6 246.8





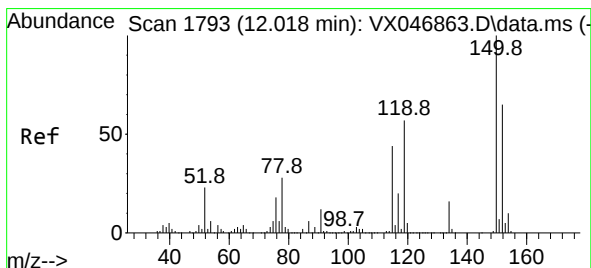
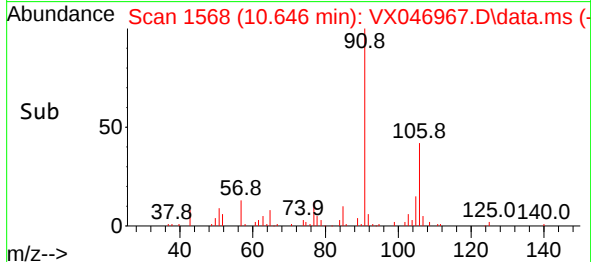
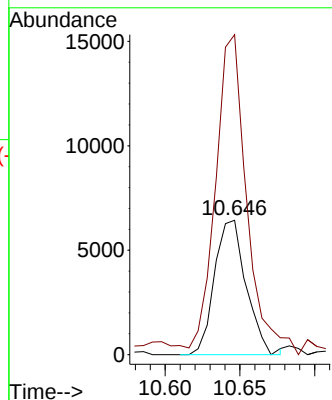
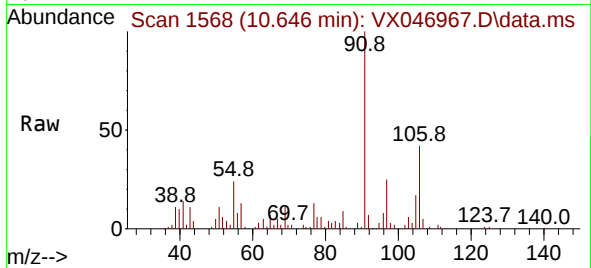
#69
o-Xylene
Concen: 1.532 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

Tgt Ion:106 Resp: 9474
Ion Ratio Lower Upper
106 100
91 235.5 109.5 328.5

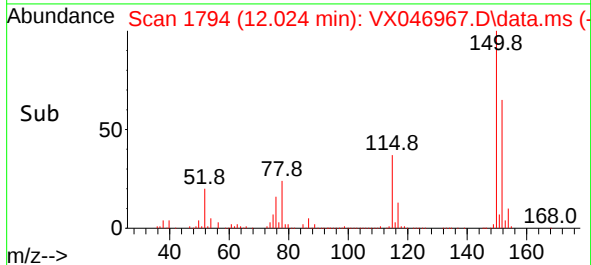
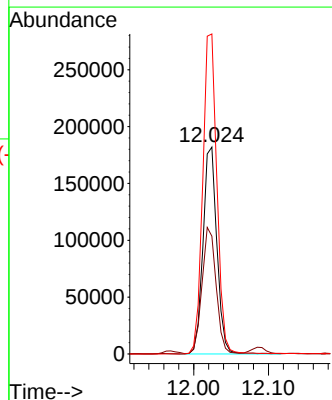
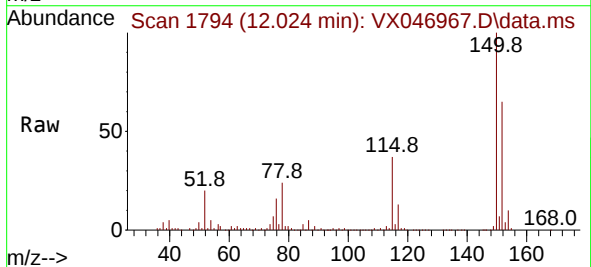
Manual Integrations
APPROVED

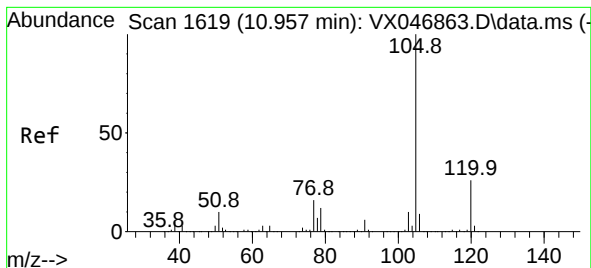
Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:152 Resp: 234758
Ion Ratio Lower Upper
152 100
115 61.8 42.4 127.1
150 157.4 0.0 349.2





#73

Isopropylbenzene

Concen: 2.471 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion:105 Resp: 40770

Ion Ratio Lower Upper

105 100

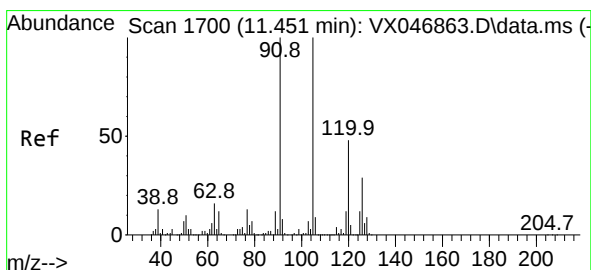
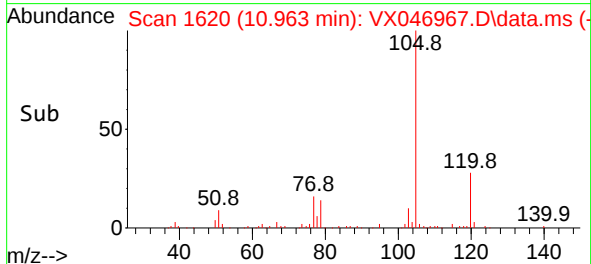
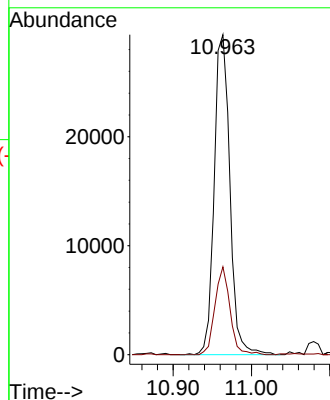
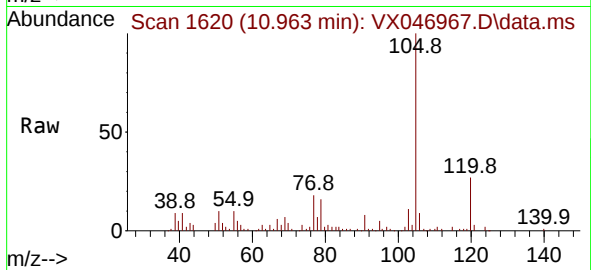
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025

Supervised By :Semsettin Yesilyurt 07/15/2025



#80

1,3,5-Trimethylbenzene

Concen: 16.259 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046967.D

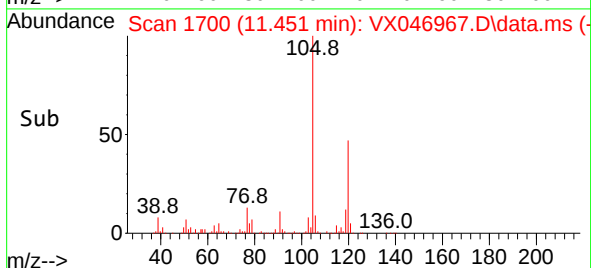
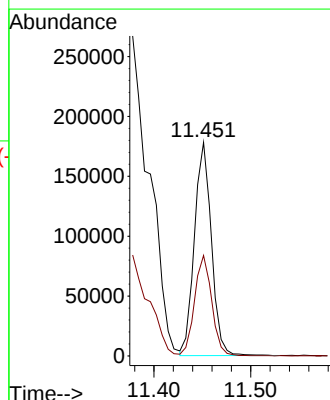
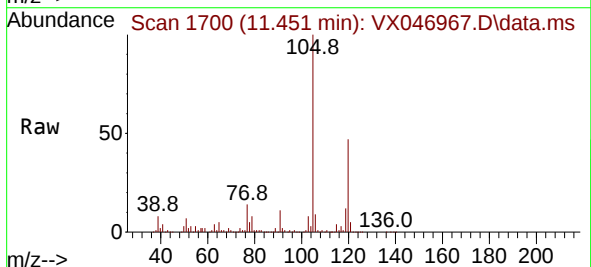
Acq: 14 Jul 2025 12:49

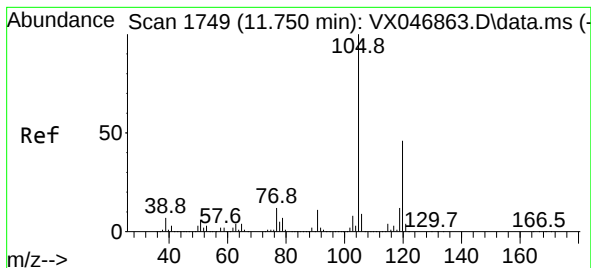
Tgt Ion:105 Resp: 218024

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 43.962 ug/l

RT: 11.750 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion:105 Resp: 59584

Ion Ratio Lower Upper

105 100

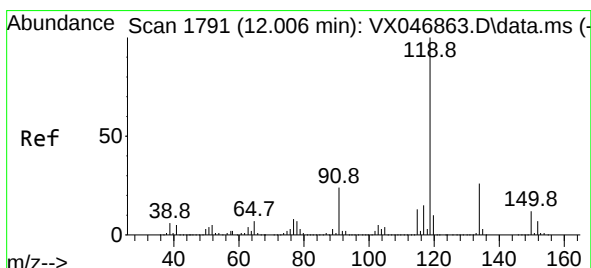
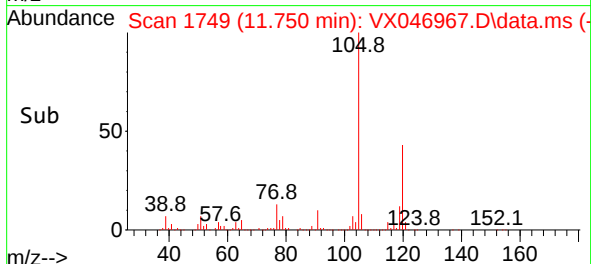
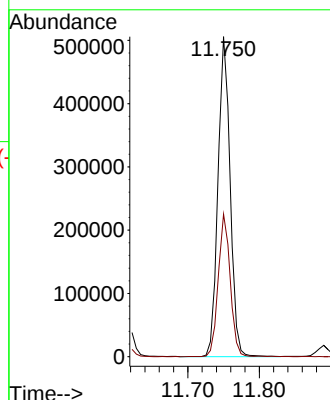
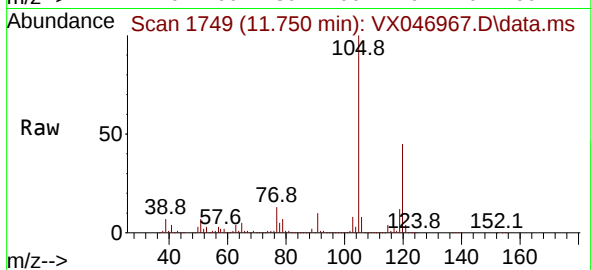
120 44.0 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025

Supervised By :Semsettin Yesilyurt 07/15/2025



#86

p-Isopropyltoluene

Concen: 2.081 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

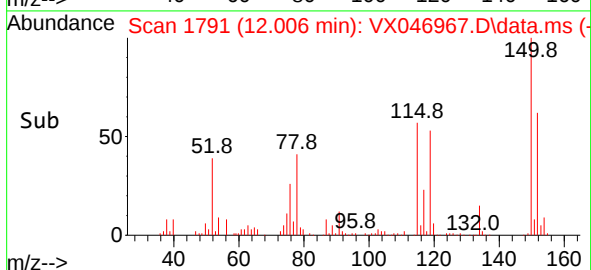
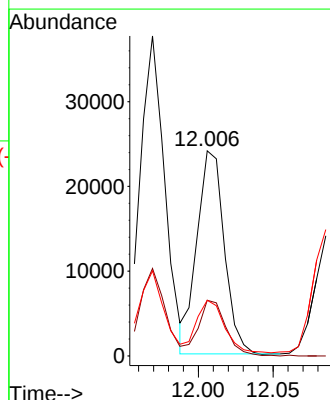
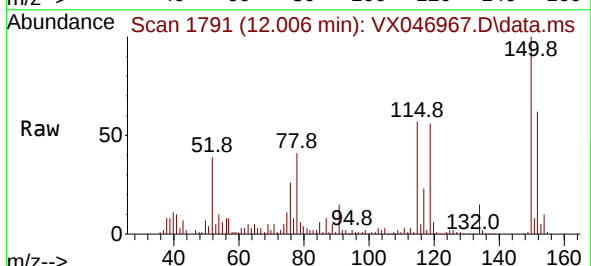
Tgt Ion:119 Resp: 30435

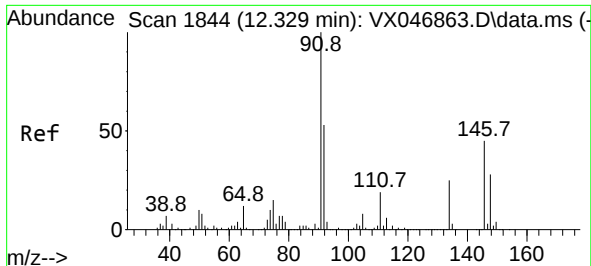
Ion Ratio Lower Upper

119 100

134 27.8 13.0 39.0

91 26.4 12.0 36.1





#89

n-Butylbenzene

Concen: 3.237 ug/l m

RT: 12.323 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

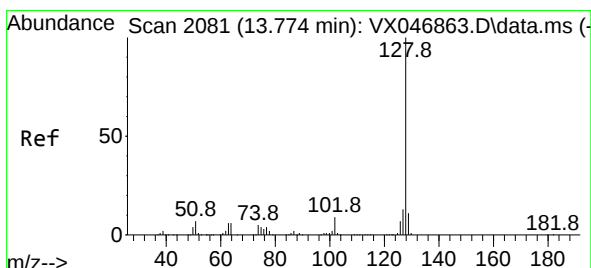
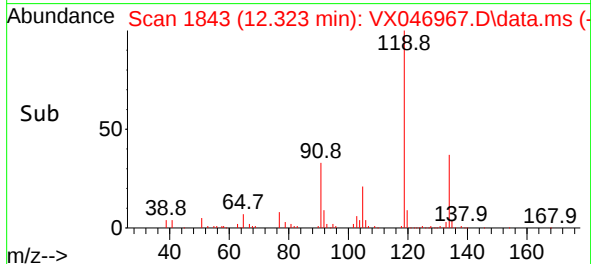
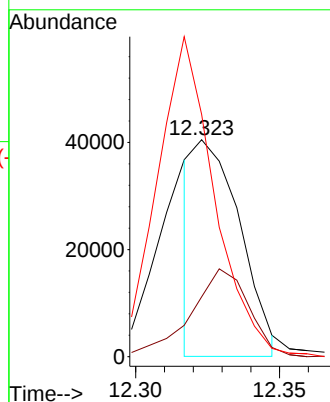
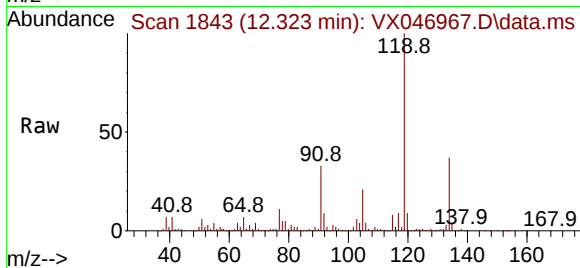
GPX2ME

Tgt Ion:	91	Resp:	44480
Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.0	81.0
134	184.1	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/15/2025
Supervised By :Semsettin Yesilyurt 07/15/2025



#95

Naphthalene

Concen: 8.399 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Tgt Ion:	128	Resp:	112016
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	12.4	8.6	13.0

