

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046957.D
 Acq On : 10 Jul 2025 19:41
 Operator : JC/MD
 Sample : Q2480-07ME 10X
 Misc : 7.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX7ME

Quant Time: Jul 11 01:38:43 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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	249557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	445780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	201295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	175050	53.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.397	113	145159	47.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.653	98	533493	49.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	204209	50.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.660%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.806	84	3627	1.198	ug/l	90
31) Cyclohexane	5.507	56	58210	12.352	ug/l #	62
39) Methylcyclohexane	7.385	83	210127	41.145	ug/l	96
67) Ethyl Benzene	10.195	91	462128	30.736	ug/l	100
68) m/p-Xylenes	10.305	106	55922	9.871	ug/l	99
73) Isopropylbenzene	10.963	105	95991	6.784	ug/l	99
78) n-propylbenzene	11.305	91	328485	19.252	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	112636	9.796	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	503498	43.324	ug/l	96
85) sec-Butylbenzene	11.890	105	44919	3.000	ug/l	94
86) p-Isopropyltoluene	12.006	119	24833	1.981	ug/l	92
89) n-Butylbenzene	12.329	91	88954m	7.550	ug/l	
95) Naphthalene	13.774	128	261095	22.832	ug/l	98

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

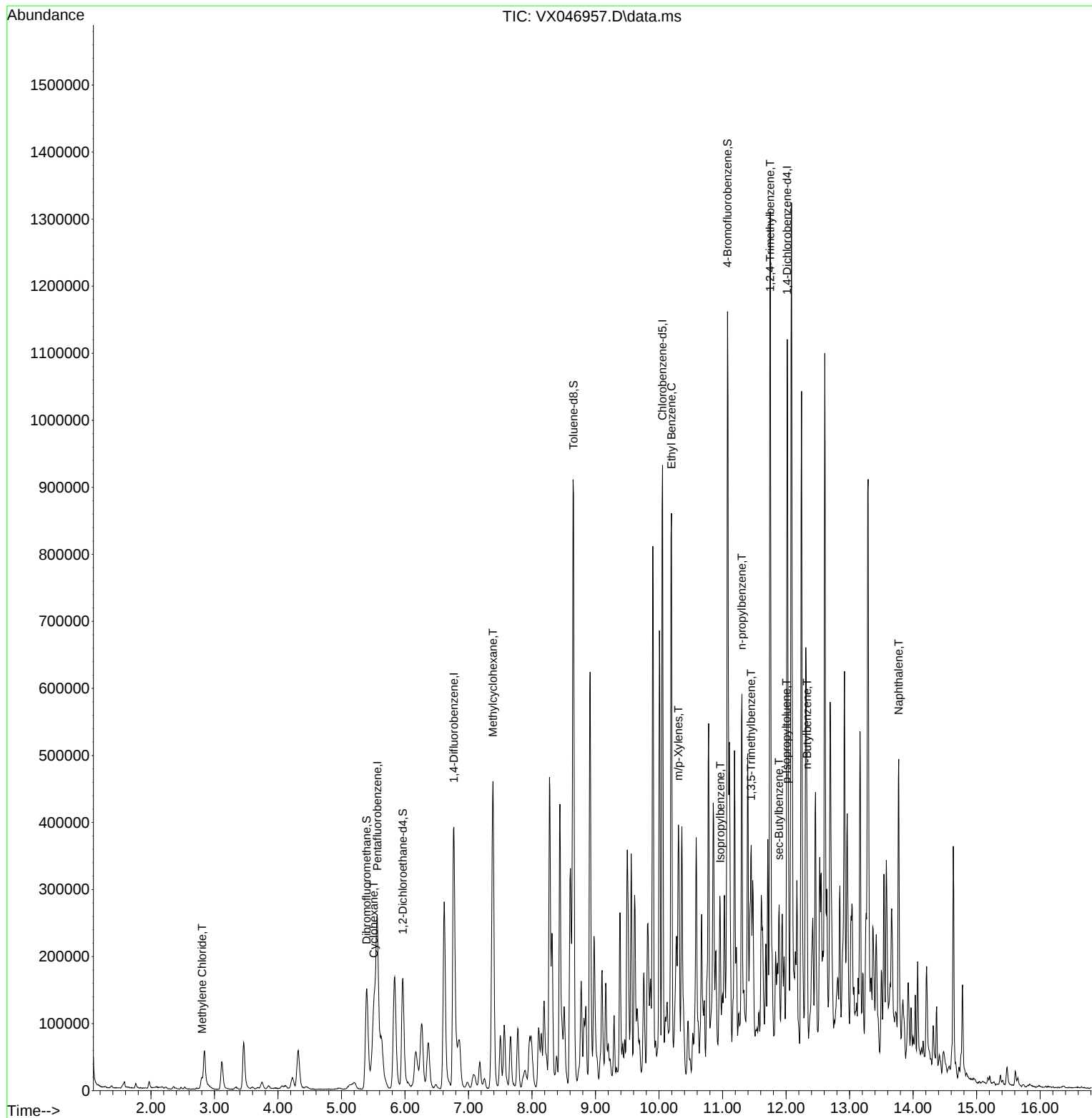
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046957.D
Acq On : 10 Jul 2025 19:41
Operator : JC/MD
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ALS Vial : 26 Sample Multiplier: 1

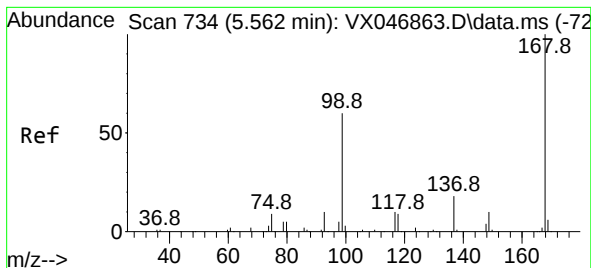
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Quant Time: Jul 11 01:38:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX046957.D

Acq: 10 Jul 2025 19:41

Instrument :

MSVOA_X

ClientSampleId :

GPX7ME

Tgt Ion:168 Resp: 24955

Ion Ratio Lower Upper

168 100

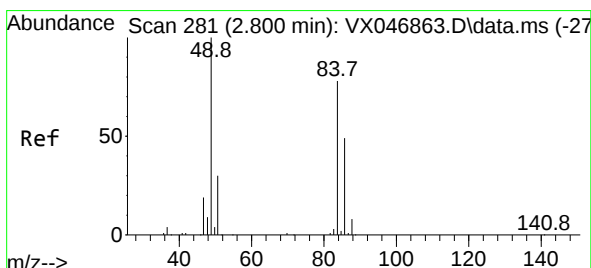
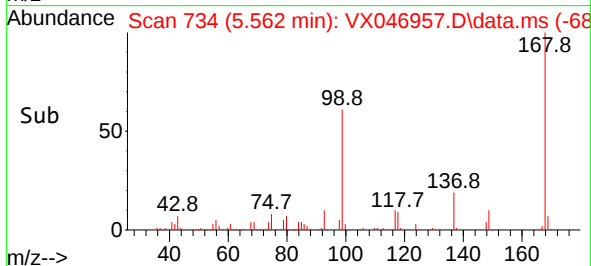
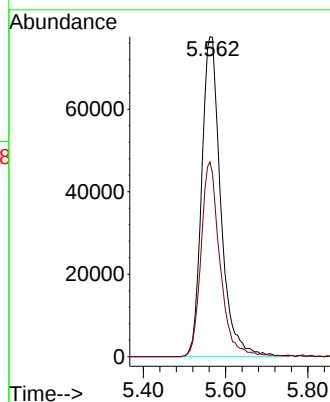
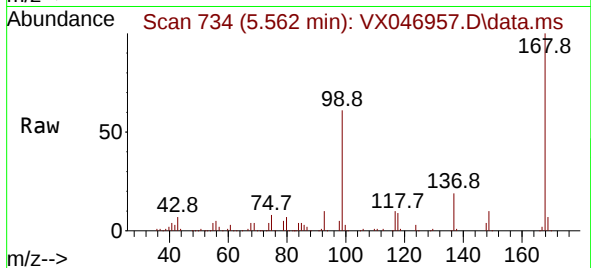
99 60.9 48.8 73.2

Manual Integrations

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Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#20

Methylene Chloride

Concen: 1.198 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.006 min

Lab File: VX046957.D

Acq: 10 Jul 2025 19:41

Tgt Ion: 84 Resp: 3627

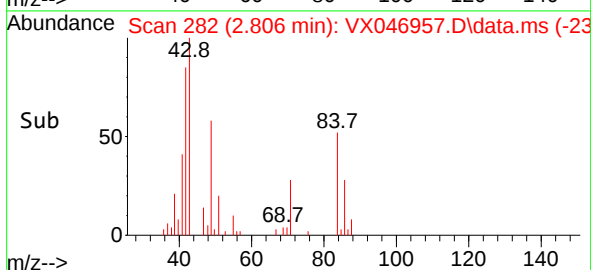
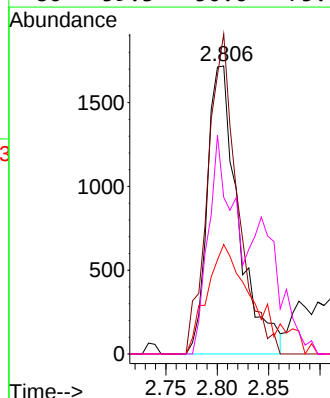
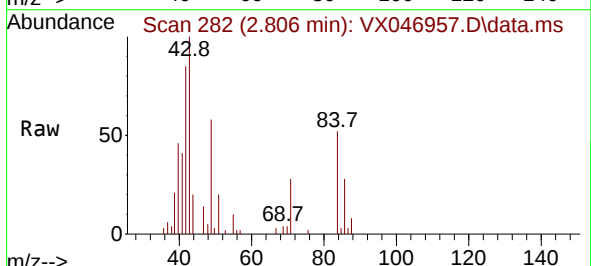
Ion Ratio Lower Upper

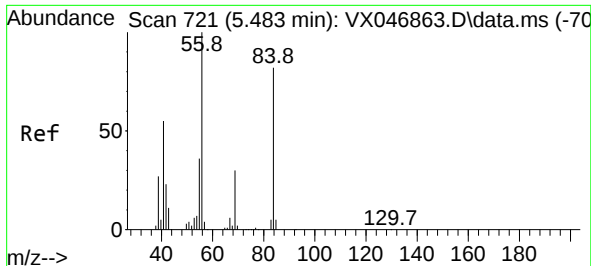
84 100

49 111.1 102.8 154.2

51 38.0 31.1 46.7

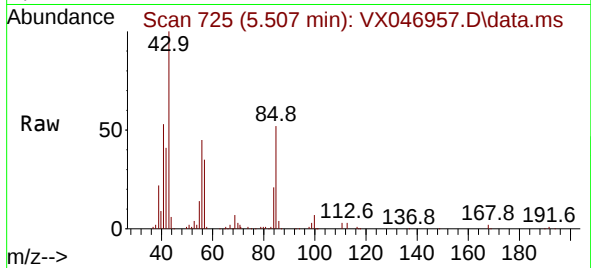
86 59.3 50.6 75.8





#31
Cyclohexane
Concen: 12.352 ug/l
RT: 5.507 min Scan# 721
Delta R.T. 0.024 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

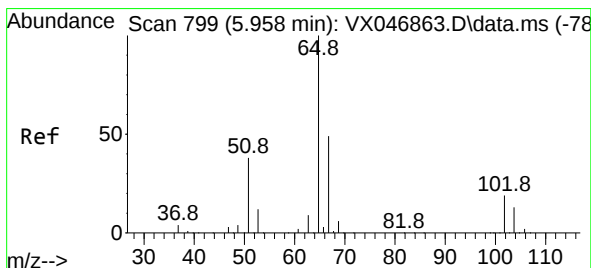
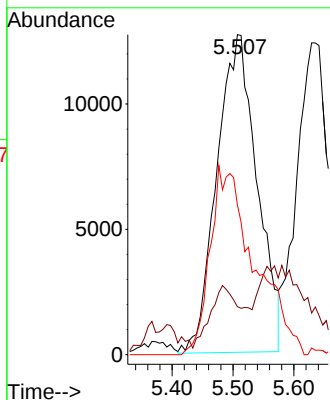
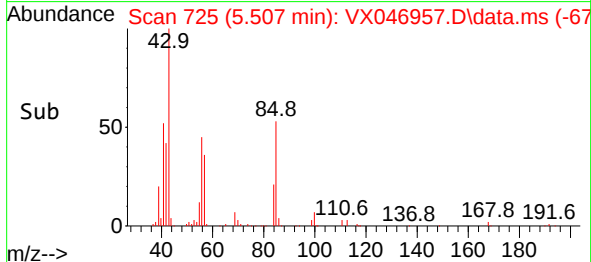
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion: 56 Resp: 58210
Ion Ratio Lower Upper
56 100
69 11.5 24.0 36.0
84 47.2 66.5 99.7

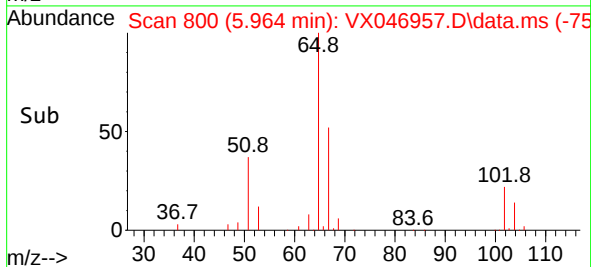
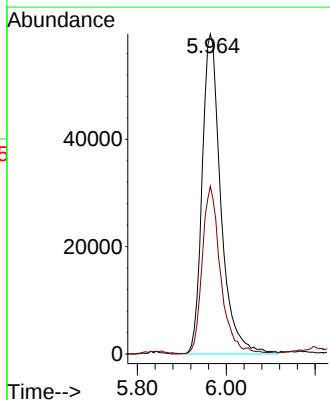
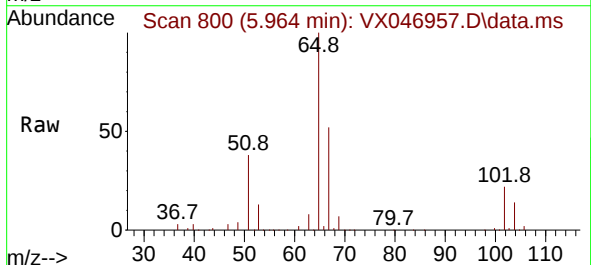
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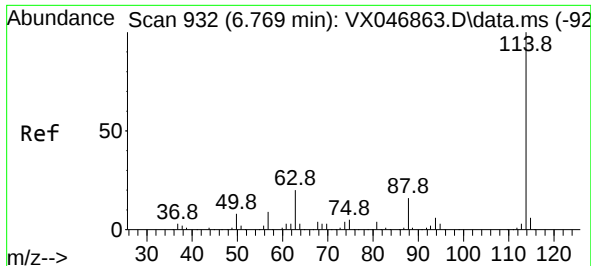
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 53.095 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

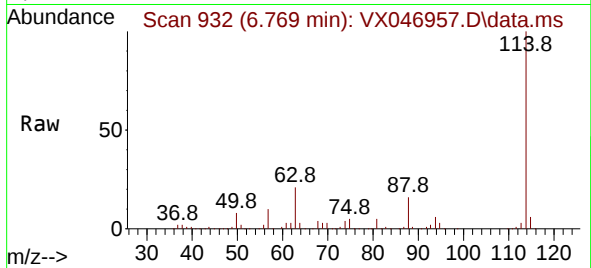
Tgt Ion: 65 Resp: 175050
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

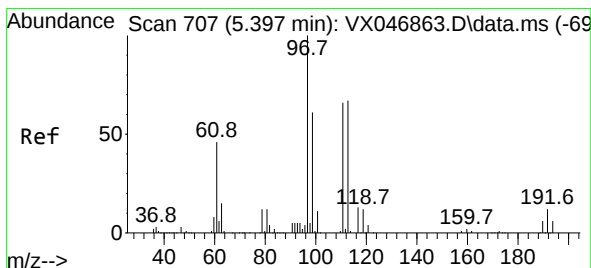
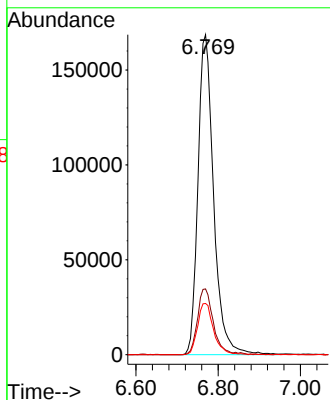
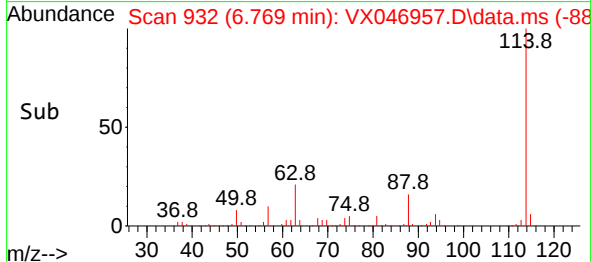
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



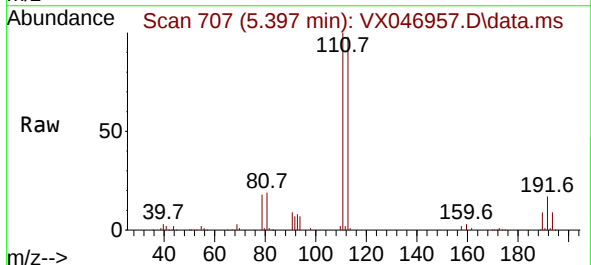
Tgt Ion:114 Resp: 445780
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 16.0 0.0 31.0

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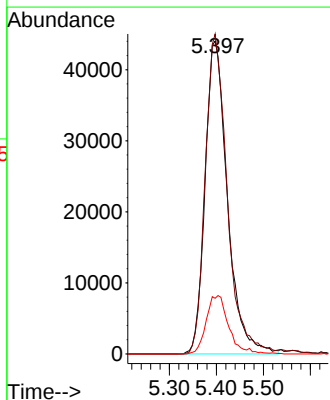
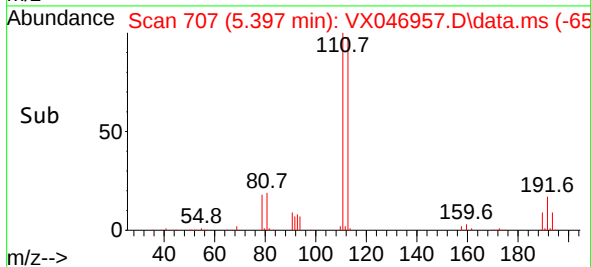
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

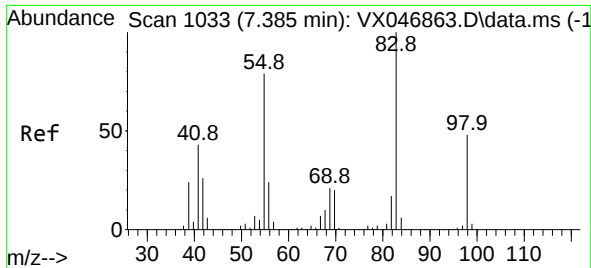


#35
Dibromofluoromethane
Concen: 47.971 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41



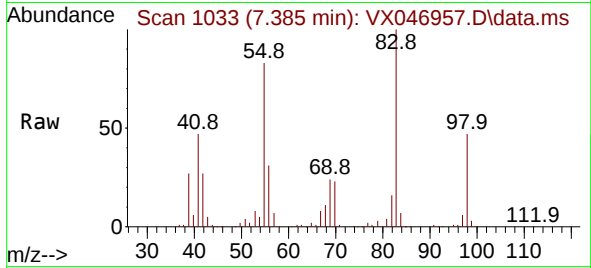
Tgt Ion:113 Resp: 145159
Ion Ratio Lower Upper
113 100
111 100.8 81.2 121.8
192 18.8 15.3 22.9





#39
Methylcyclohexane
Concen: 41.145 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

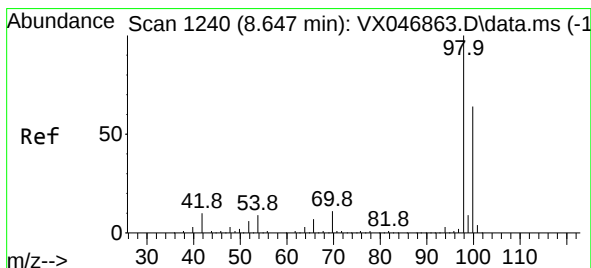
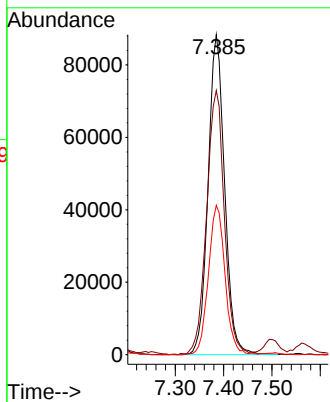
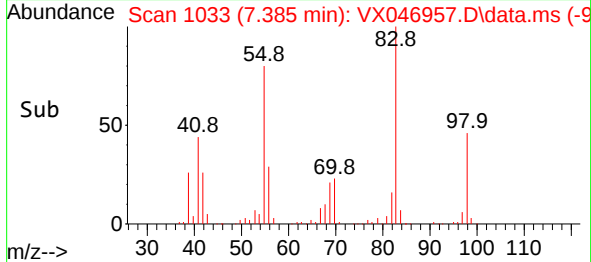
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion: 83 Resp: 21012
Ion Ratio Lower Upper
83 100
55 82.6 63.0 94.4
98 46.7 38.5 57.7

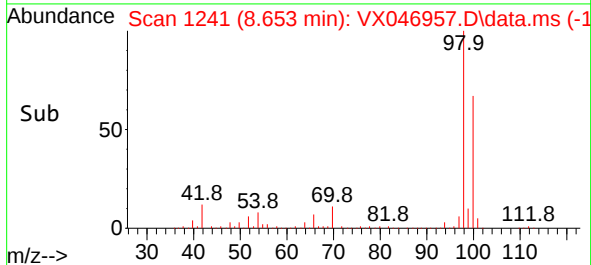
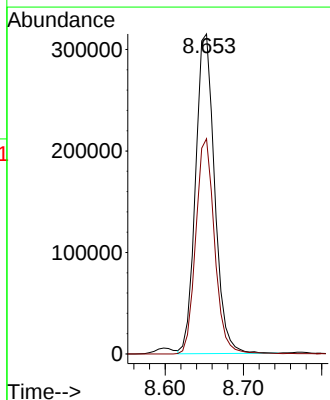
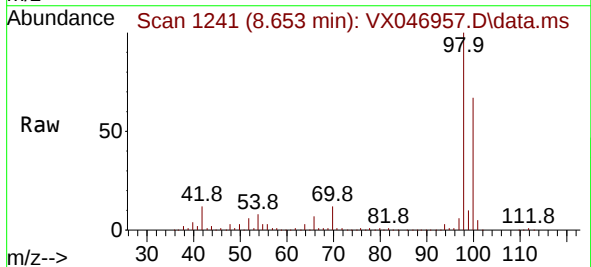
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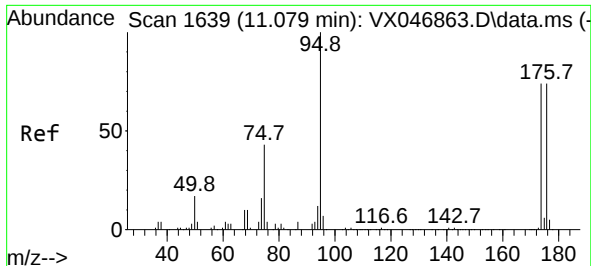
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

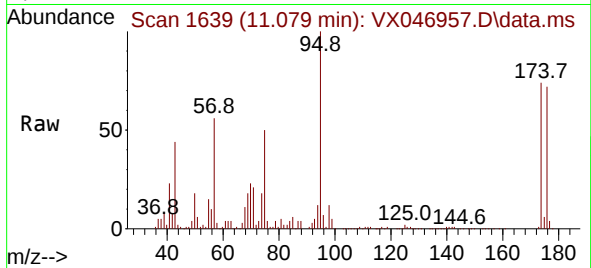
Tgt Ion: 98 Resp: 533493
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

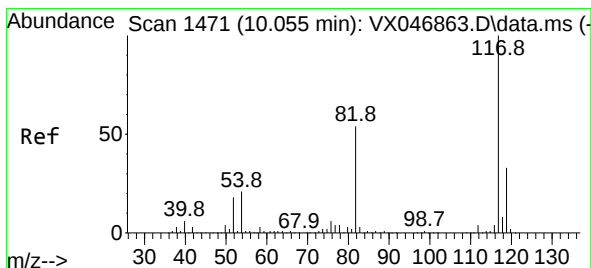
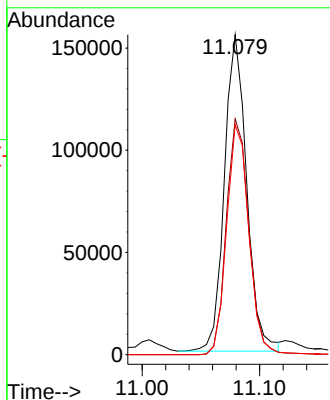
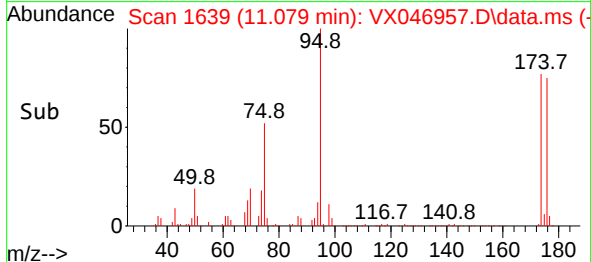
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion: 95 Resp: 204209
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 72.5 0.0 145.2

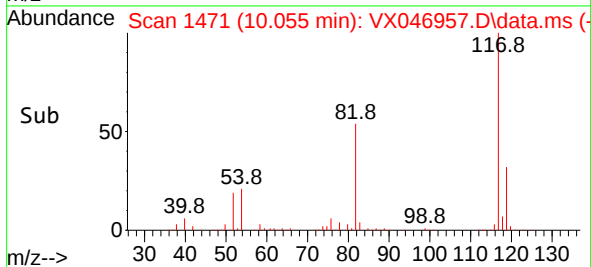
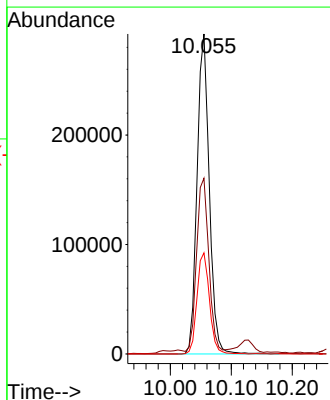
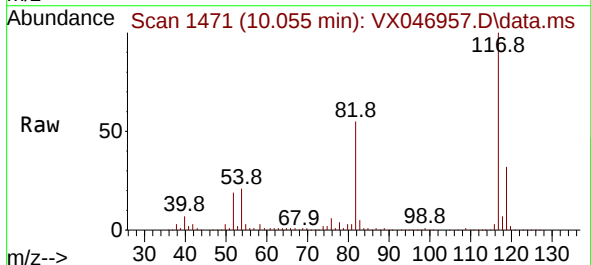
Manual Integrations
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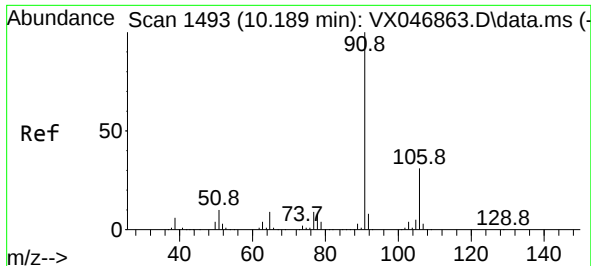
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:117 Resp: 406077
Ion Ratio Lower Upper
117 100
82 54.3 43.3 64.9
119 31.6 26.4 39.6





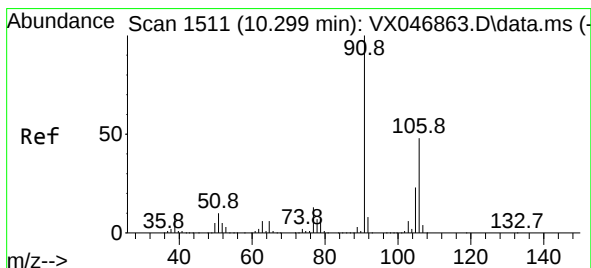
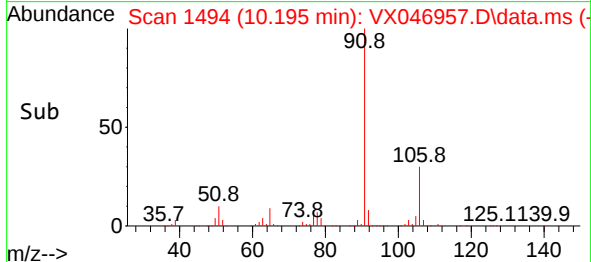
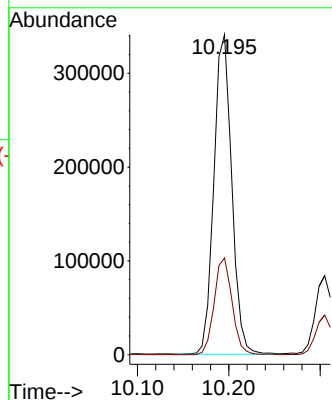
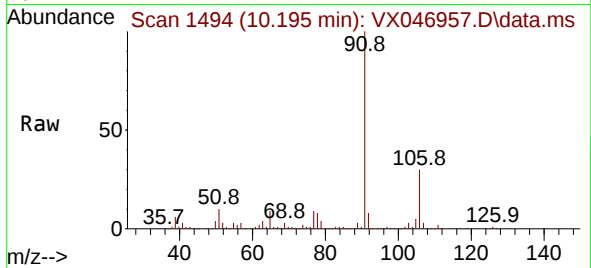
#67
Ethyl Benzene
Concen: 30.736 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Instrument :
MSVOA_X
ClientSampleId :
GPX7ME

Tgt Ion: 91 Resp: 462128
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

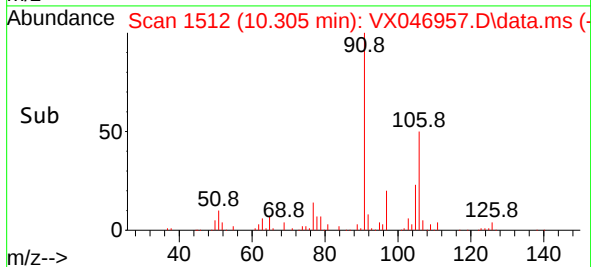
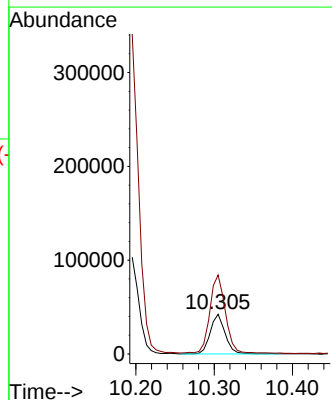
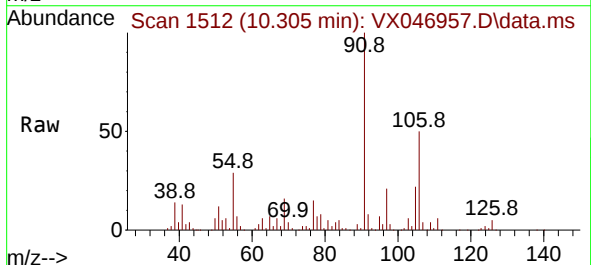
Manual Integrations
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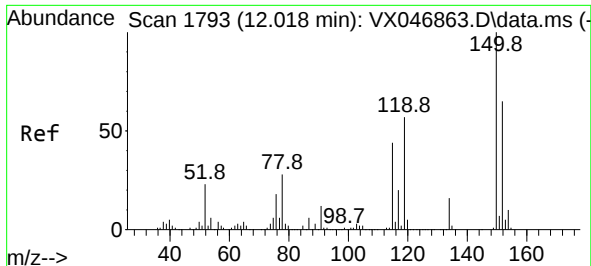
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
m/p-Xylenes
Concen: 9.871 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

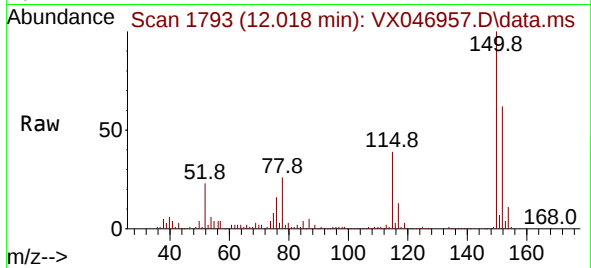
Tgt Ion:106 Resp: 55922
Ion Ratio Lower Upper
106 100
91 207.5 164.6 246.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

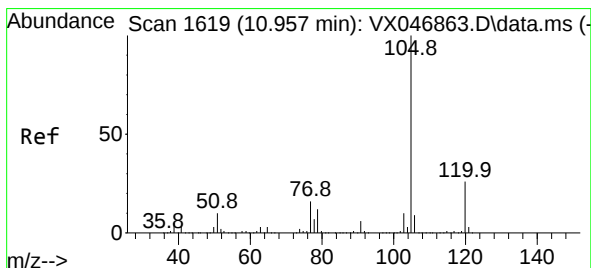
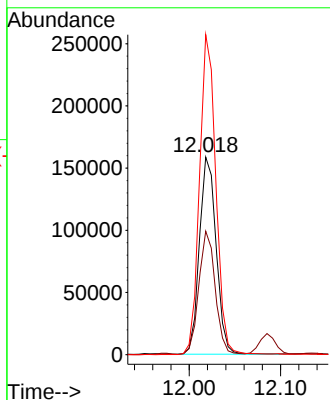
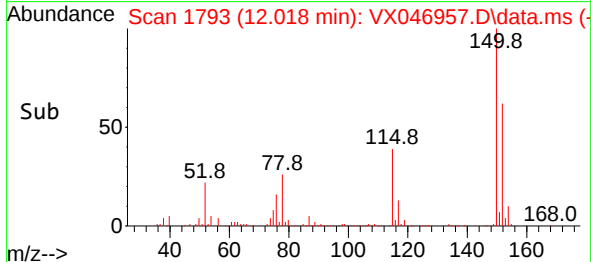
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion:152 Resp: 20129
Ion Ratio Lower Upper
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115 61.2 42.4 127.1
150 158.6 0.0 349.2

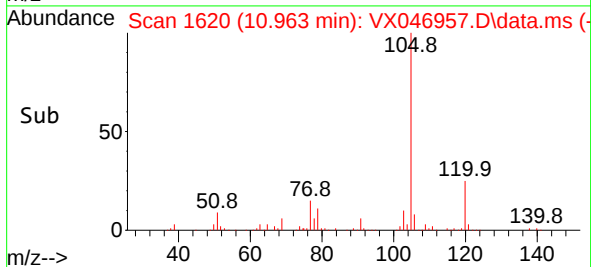
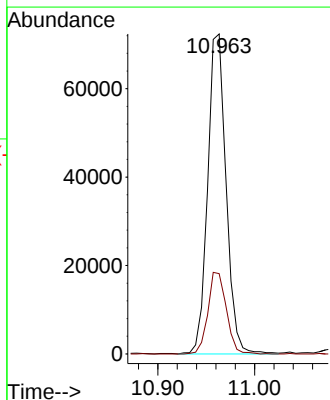
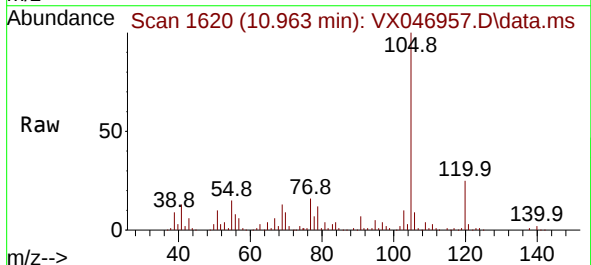
Manual Integrations
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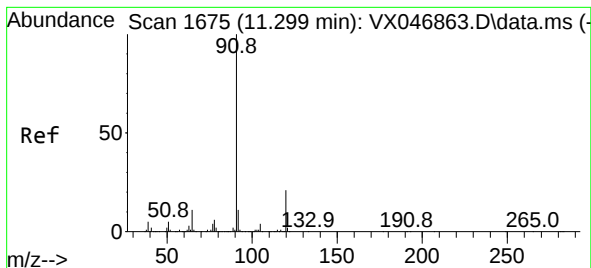
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#73
Isopropylbenzene
Concen: 6.784 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

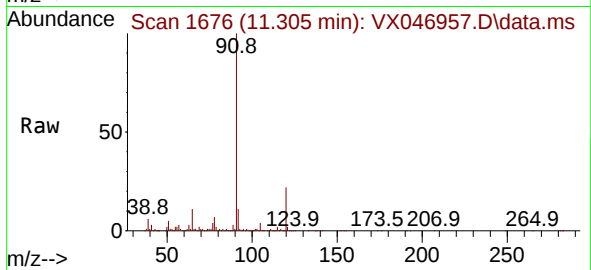
Tgt Ion:105 Resp: 95991
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5





#78
n-propylbenzene
Concen: 19.252 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

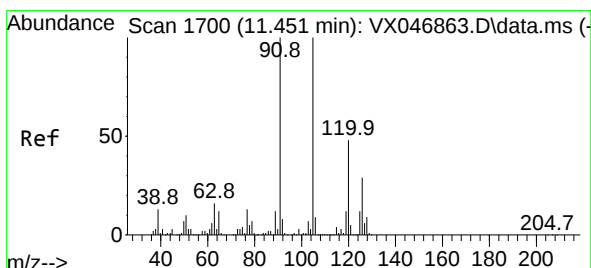
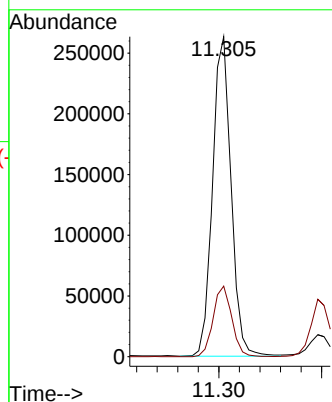
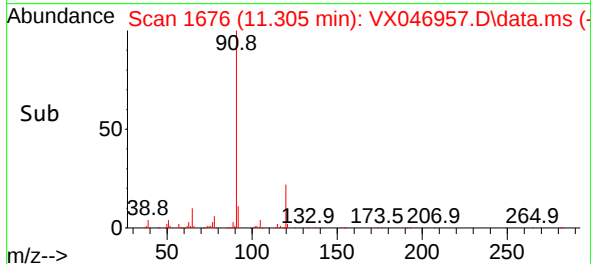
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion: 91 Resp: 32848
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5

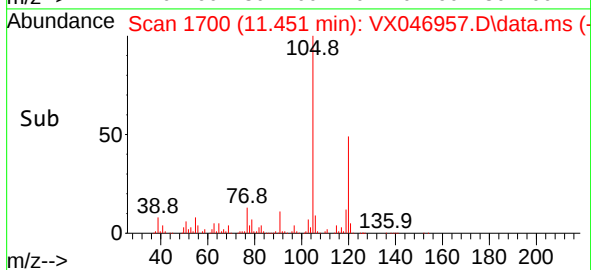
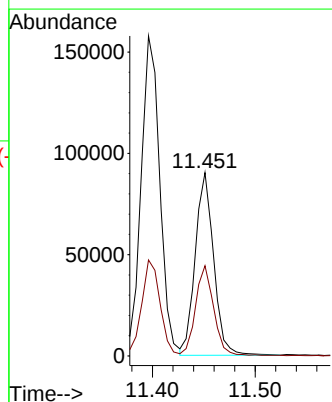
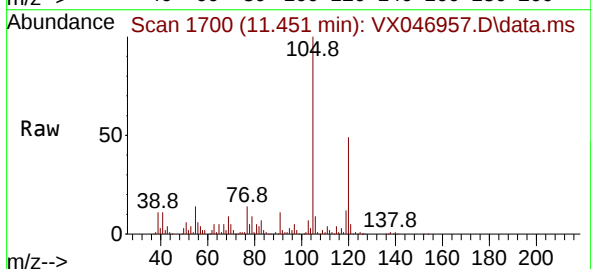
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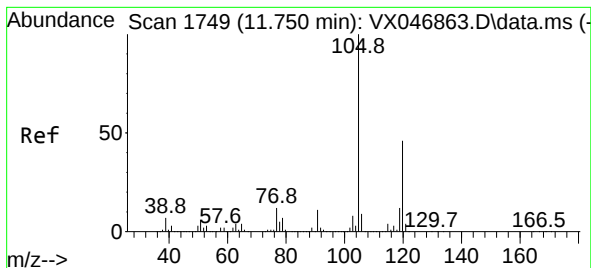
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Tgt Ion:105 Resp: 112636
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 43.324 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046957.D

Acq: 10 Jul 2025 19:41

Instrument :

MSVOA_X

ClientSampleId :

GPX7ME

Tgt Ion:105 Resp: 503498

Ion Ratio Lower Upper

105 100

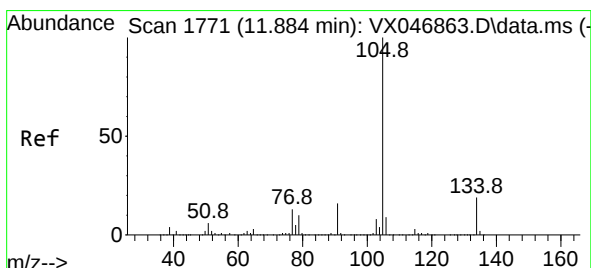
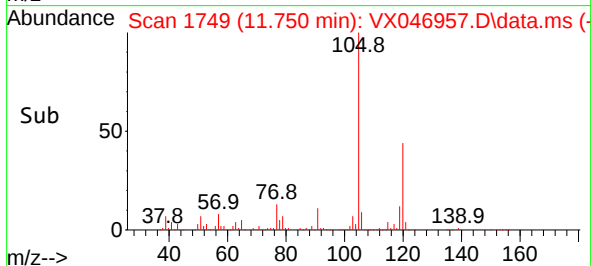
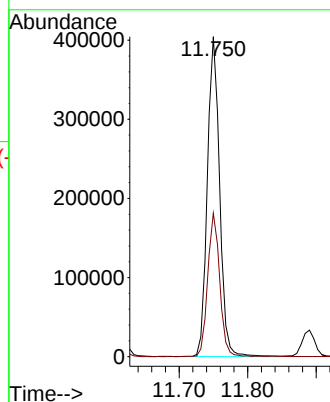
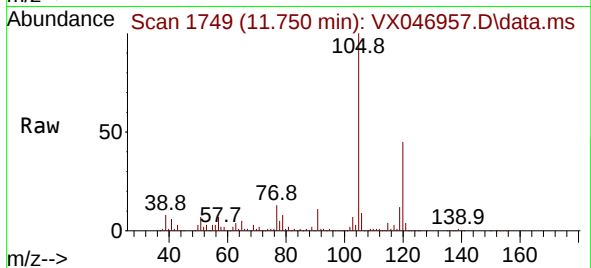
120 43.8 23.3 69.8

Manual Integrations

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Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#85

sec-Butylbenzene

Concen: 3.000 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX046957.D

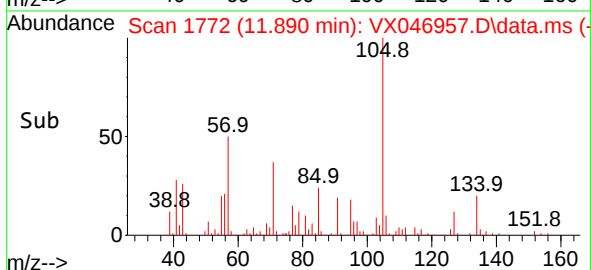
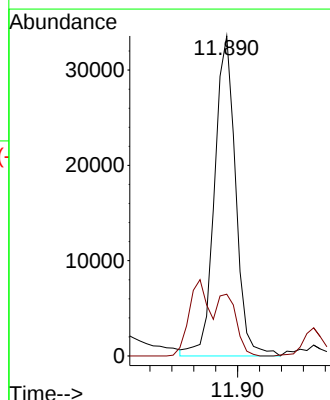
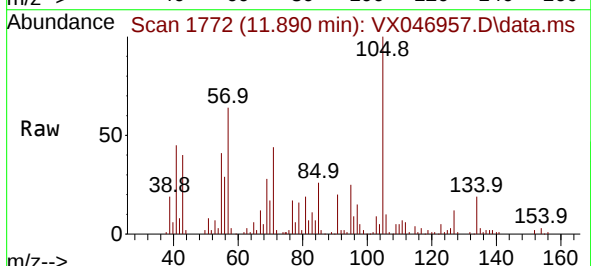
Acq: 10 Jul 2025 19:41

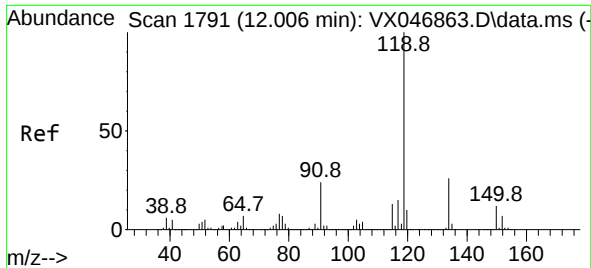
Tgt Ion:105 Resp: 44919

Ion Ratio Lower Upper

105 100

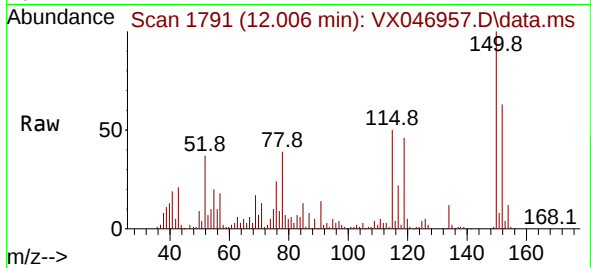
134 17.0 9.9 29.7





#86
p-Isopropyltoluene
Concen: 1.981 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

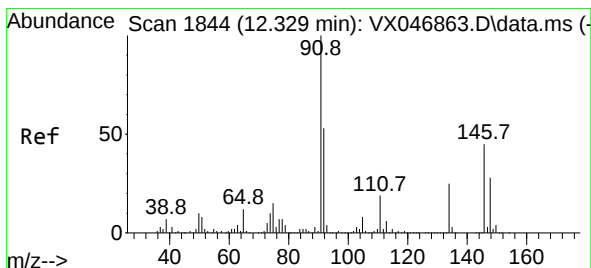
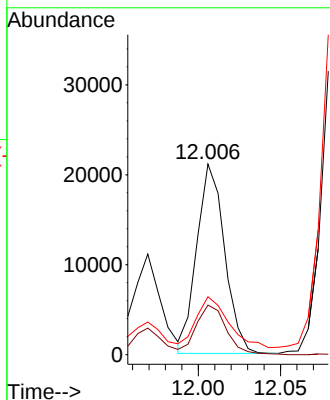
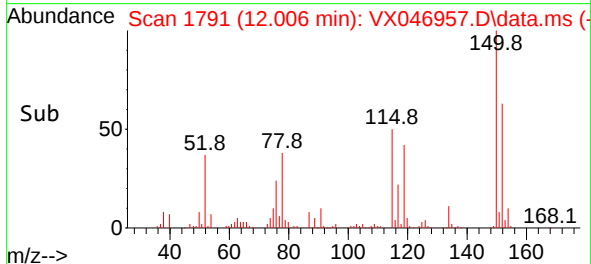
Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



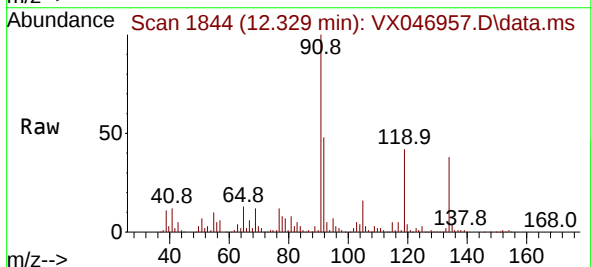
Tgt Ion: 119 Resp: 2483
Ion Ratio Lower Upper
119 100
134 28.3 13.0 39.0
91 30.1 12.0 36.1

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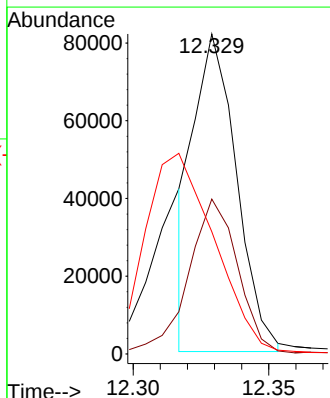
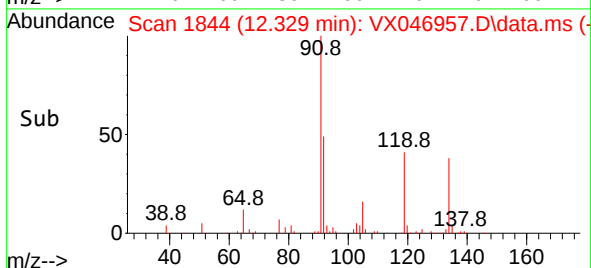
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

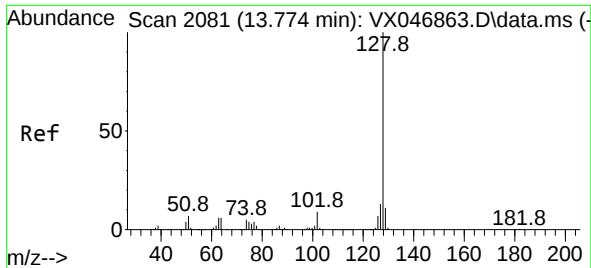


#89
n-Butylbenzene
Concen: 7.550 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41



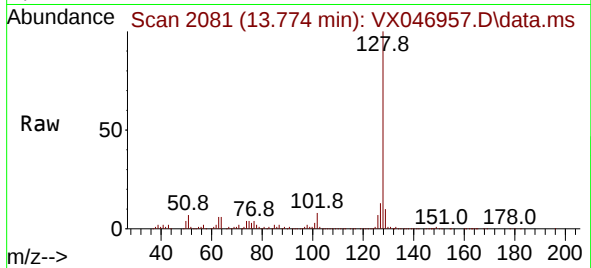
Tgt Ion: 91 Resp: 88954
Ion Ratio Lower Upper
91 100
92 56.5 27.0 81.0
134 102.3 12.8 38.4#





#95
Naphthalene
Concen: 22.832 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046957.D
Acq: 10 Jul 2025 19:41

Instrument :
MSVOA_X
ClientSampleId :
GPX7ME



Tgt Ion:128 Resp: 261095
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

