

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

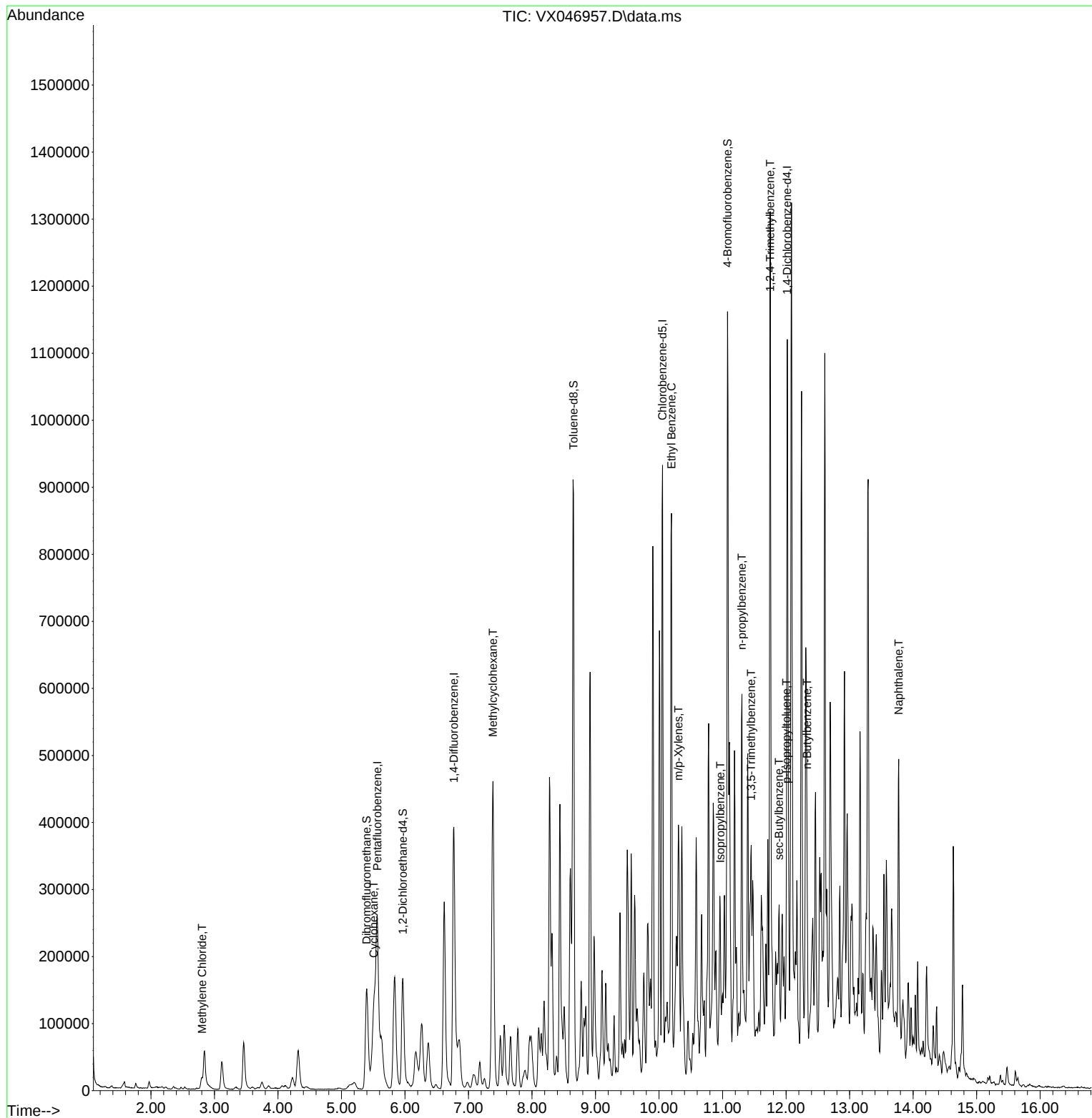
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071025\  
Data File : VX046957.D  
Acq On : 10 Jul 2025 19:41  
Operator : JC/MD  
Sample : Q2480-07ME 10X  
Misc : 7.88g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 26 Sample Multiplier: 1

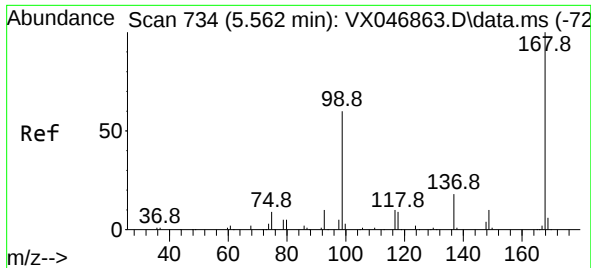
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME

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

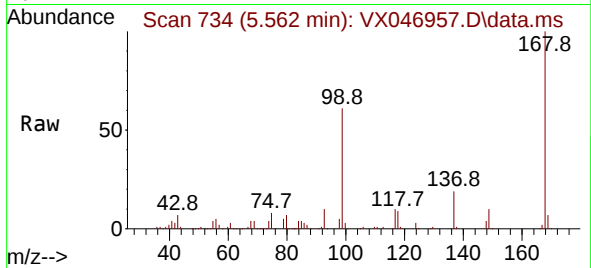
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025





#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

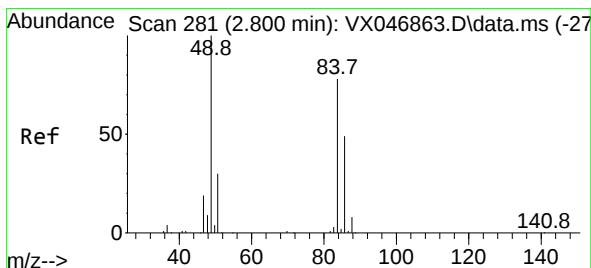
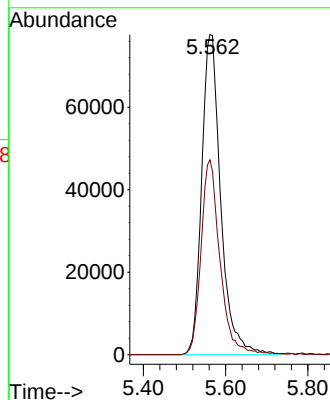
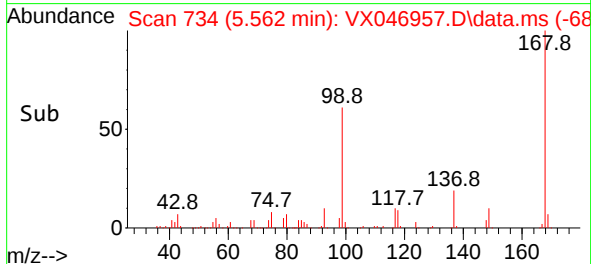
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



Tgt Ion:168 Resp: 24955  
Ion Ratio Lower Upper  
168 100  
99 60.9 48.8 73.2

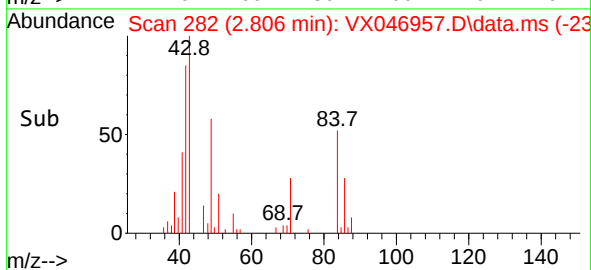
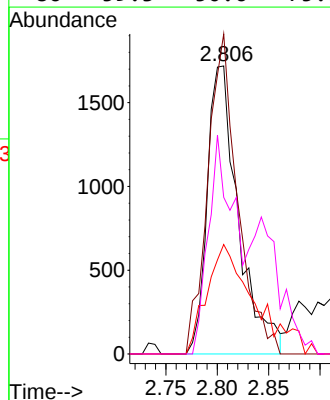
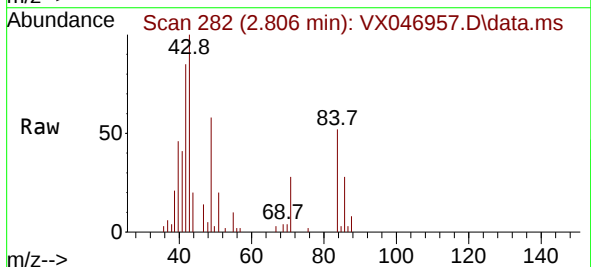
Manual Integrations  
APPROVED

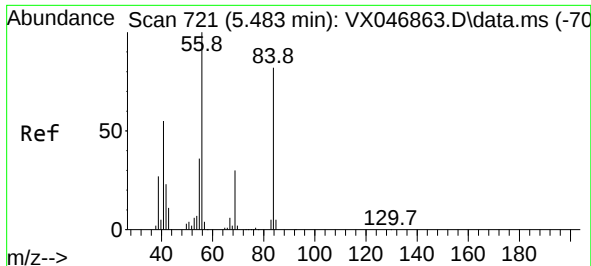
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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

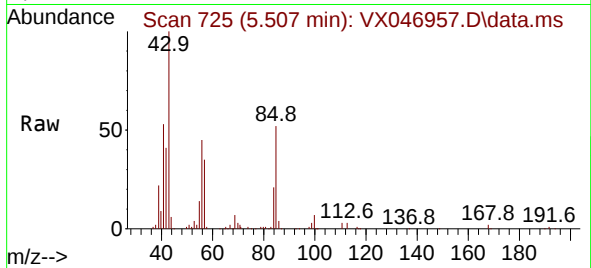
Tgt Ion: 84 Resp: 3627  
Ion Ratio Lower Upper  
84 100  
49 111.1 102.8 154.2  
51 38.0 31.1 46.7  
86 59.3 50.6 75.8





#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

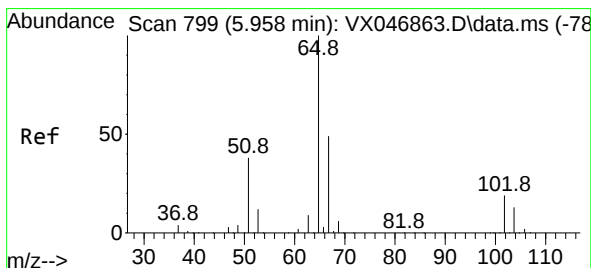
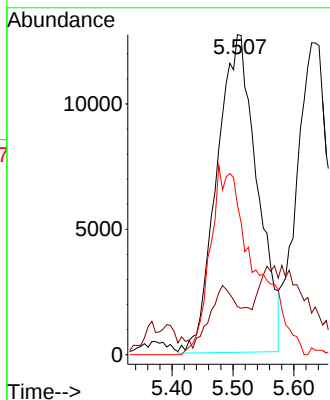
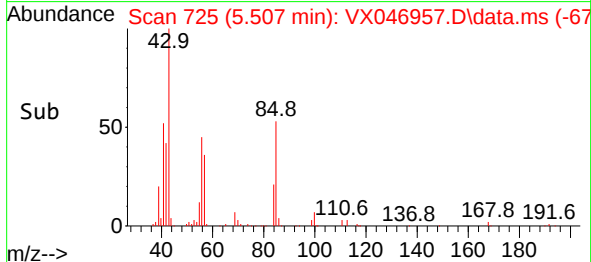
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



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

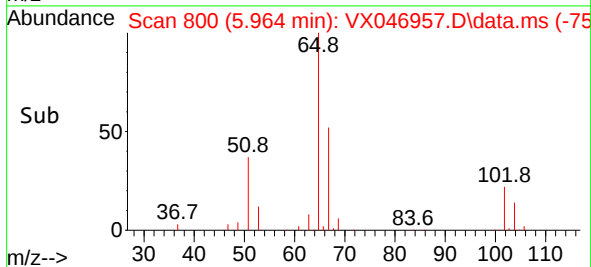
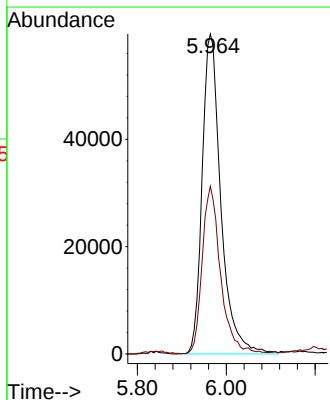
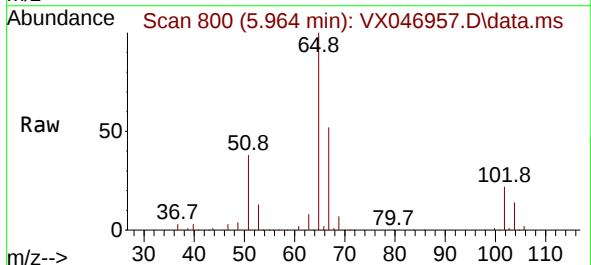
Manual Integrations  
APPROVED

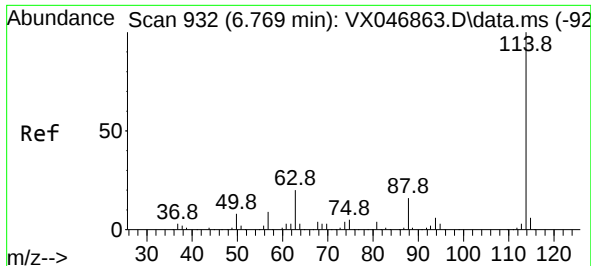
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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





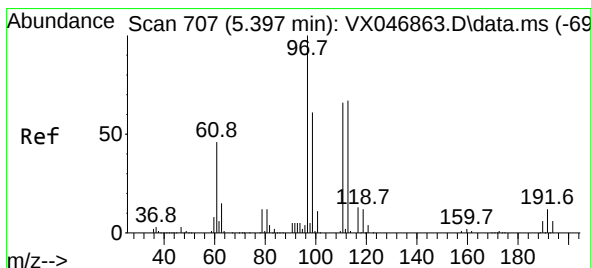
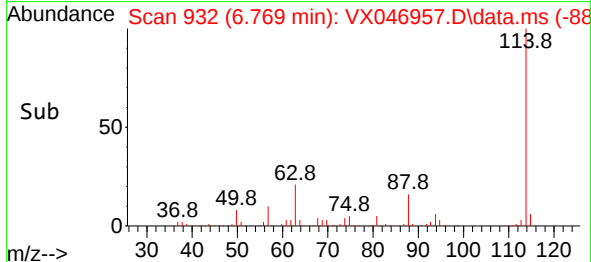
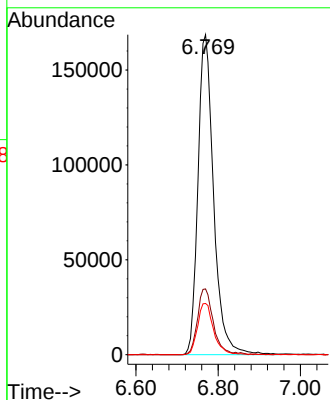
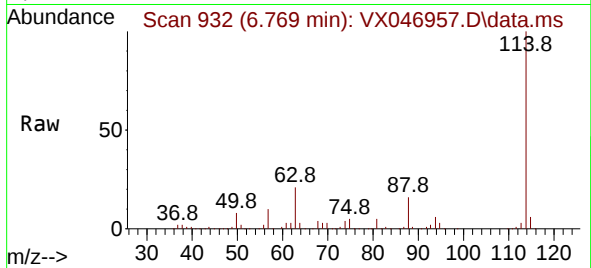
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX046957.D  
Acq: 10 Jul 2025 19:41

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

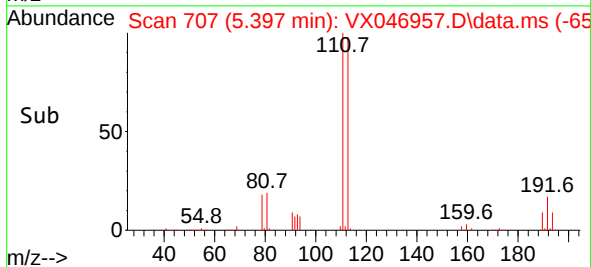
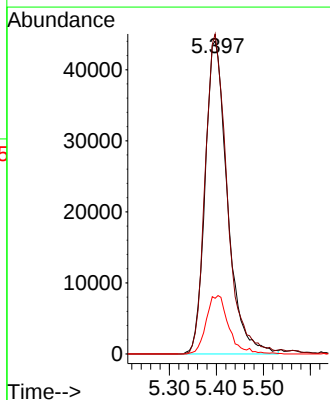
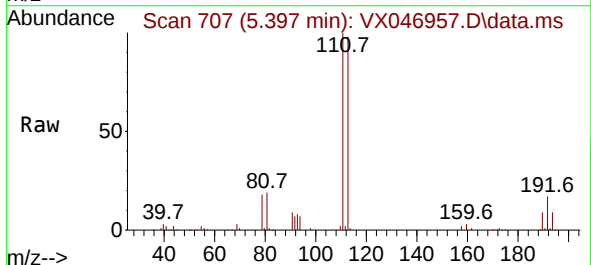
Manual Integrations  
APPROVED

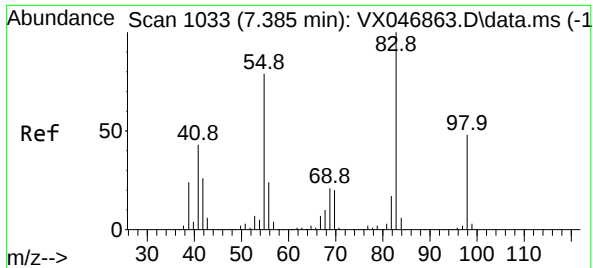
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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

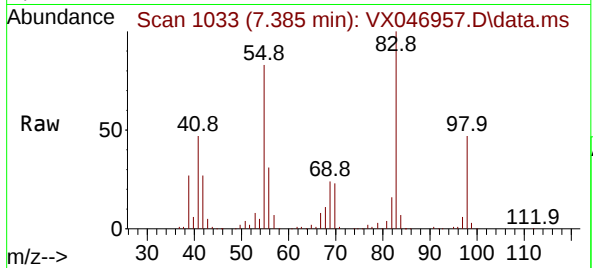
Tgt Ion:113 Resp: 145159  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.2 121.8  
192 18.8 15.3 22.9





#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

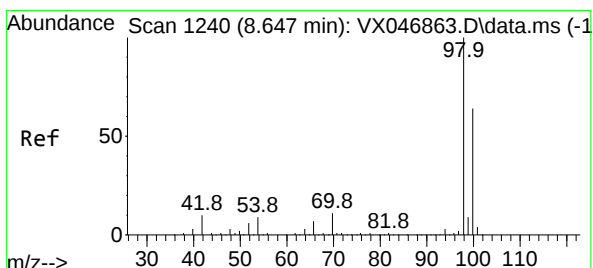
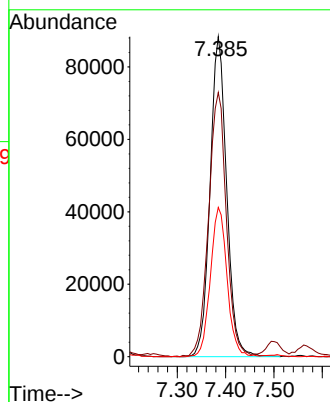
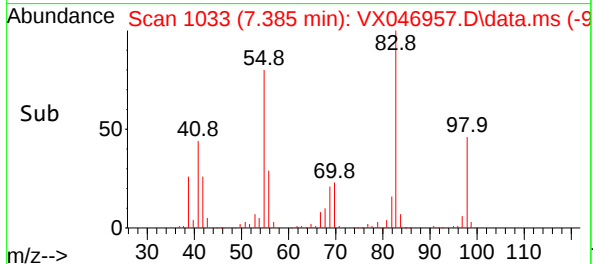
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



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

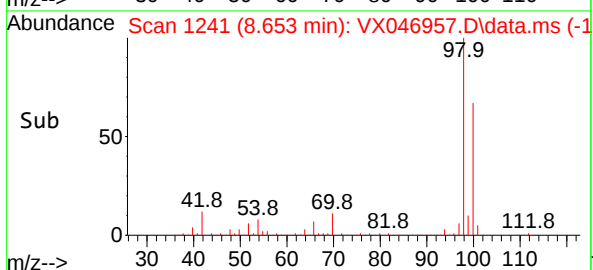
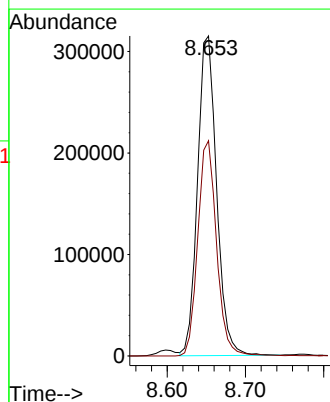
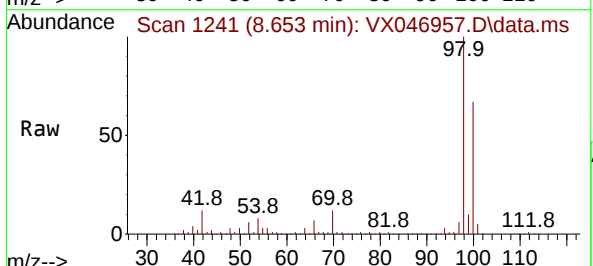
Manual Integrations  
APPROVED

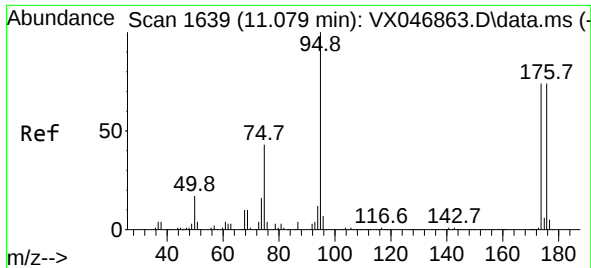
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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

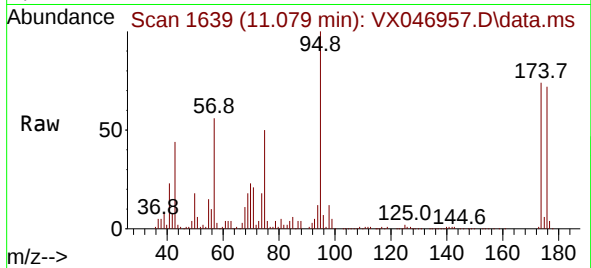
Tgt Ion: 98 Resp: 533493  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.0 79.6





#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

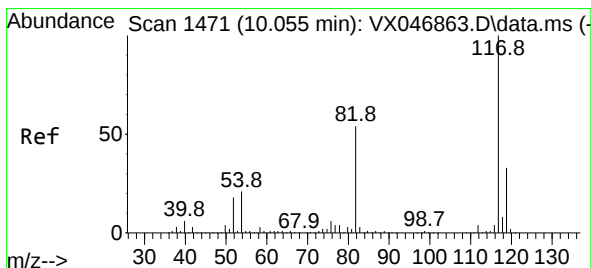
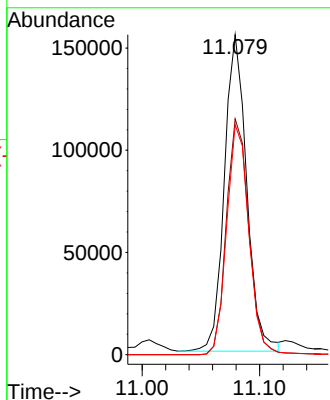
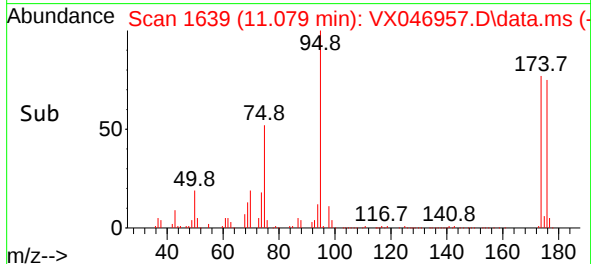
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



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

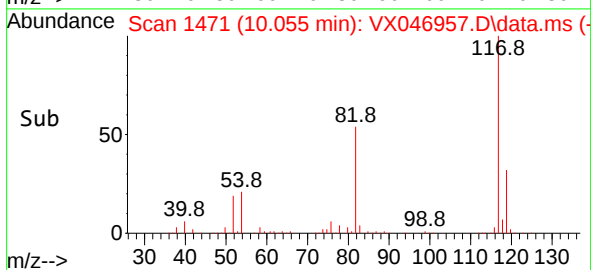
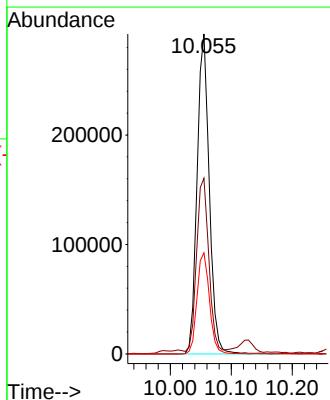
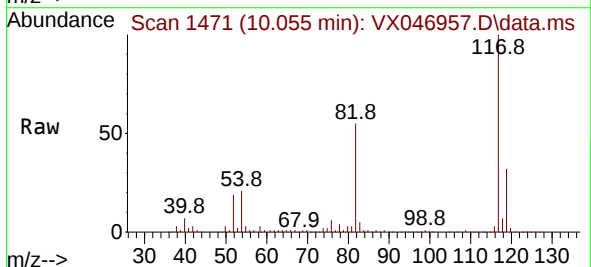
Manual Integrations  
APPROVED

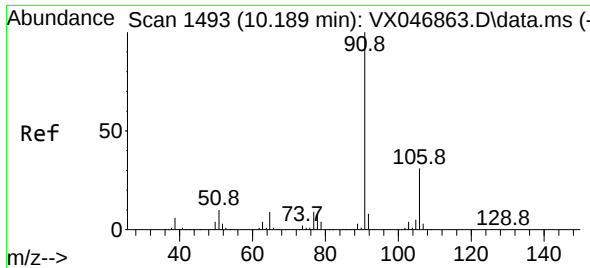
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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





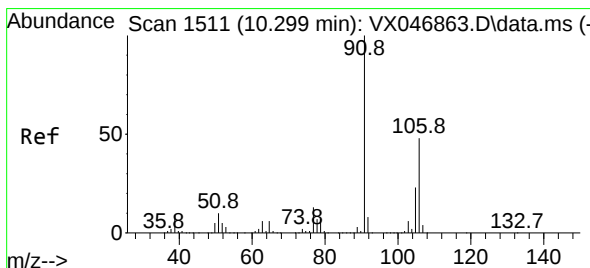
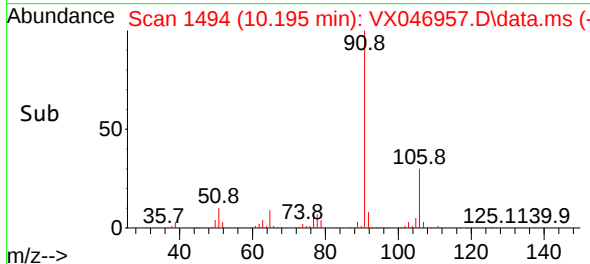
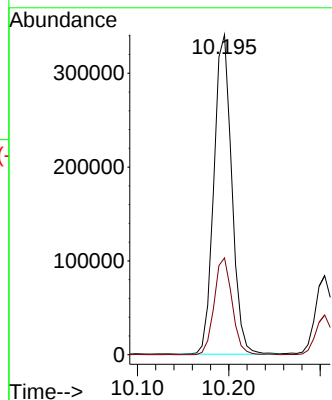
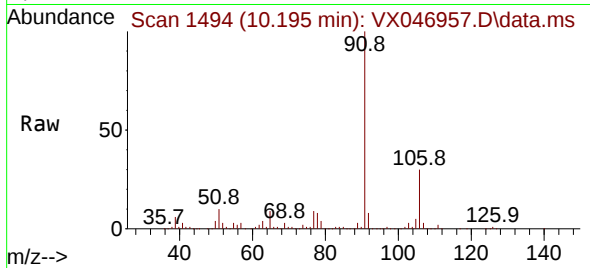
#67  
Ethyl Benzene  
Concen: 30.736 ug/l  
RT: 10.195 min Scan# 1493  
Delta R.T. 0.006 min  
Lab File: VX046957.D  
Acq: 10 Jul 2025 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME

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

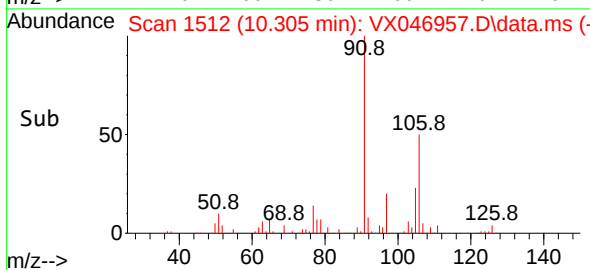
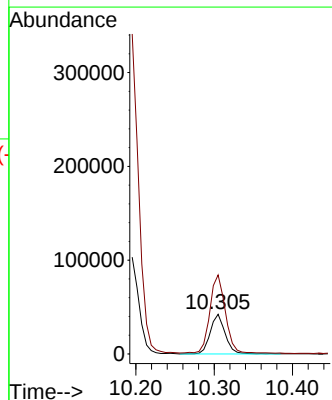
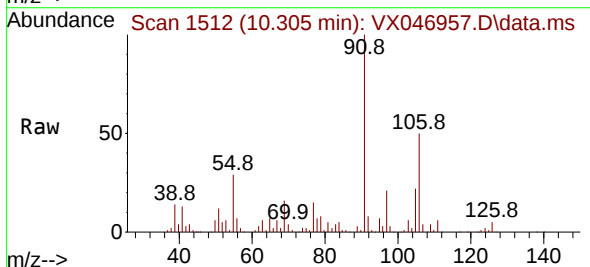
Manual Integrations  
APPROVED

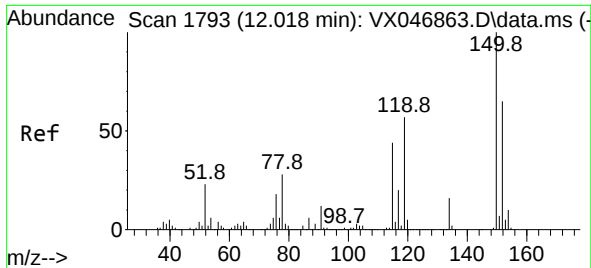
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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

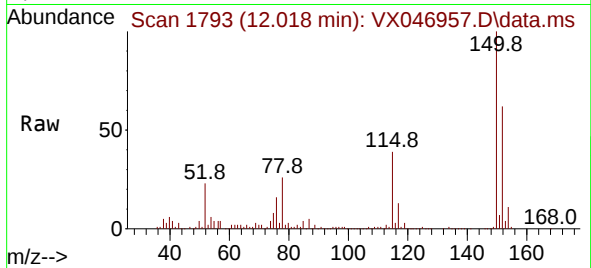
Tgt Ion:106 Resp: 55922  
Ion Ratio Lower Upper  
106 100  
91 207.5 164.6 246.8





#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

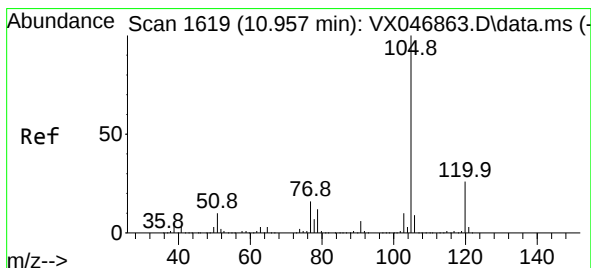
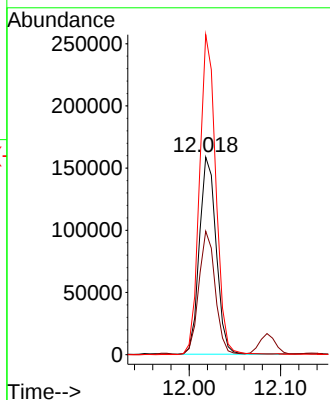
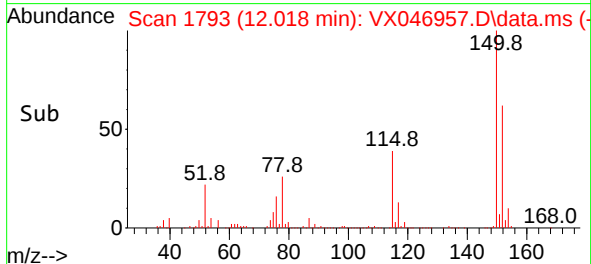
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



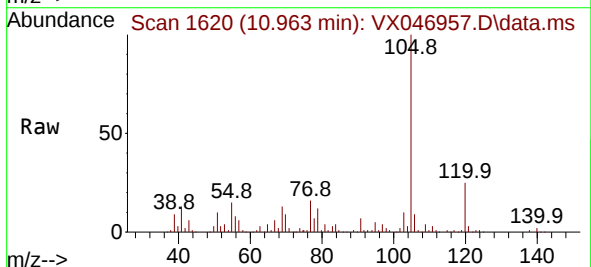
Tgt Ion:152 Resp: 20129  
Ion Ratio Lower Upper  
152 100  
115 61.2 42.4 127.1  
150 158.6 0.0 349.2

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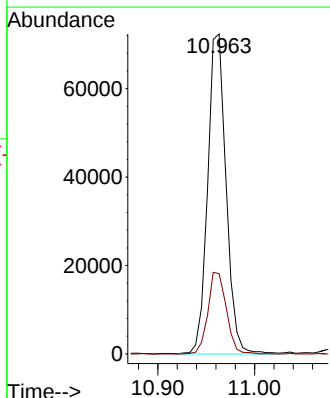
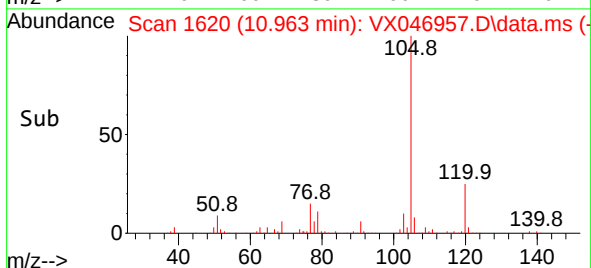
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025

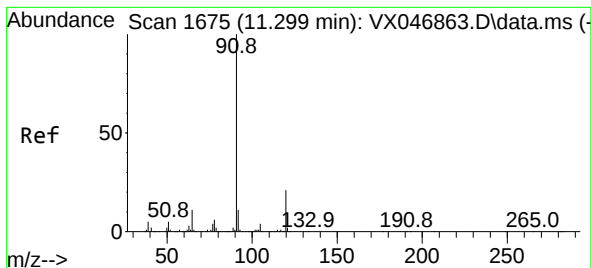


#73  
Isopropylbenzene  
Concen: 6.784 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX046957.D  
Acq: 10 Jul 2025 19:41



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# 1

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

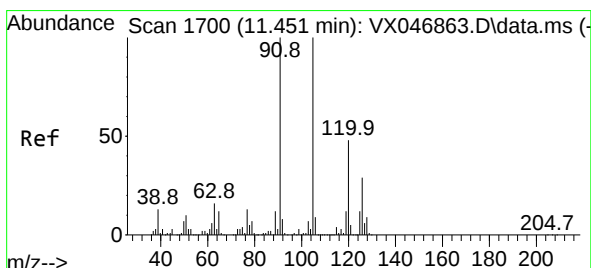
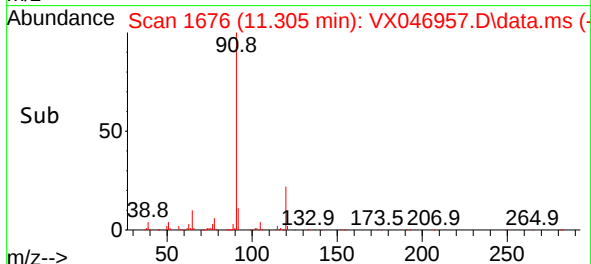
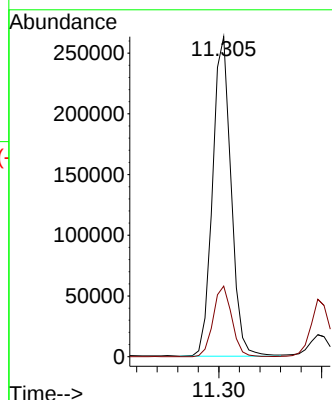
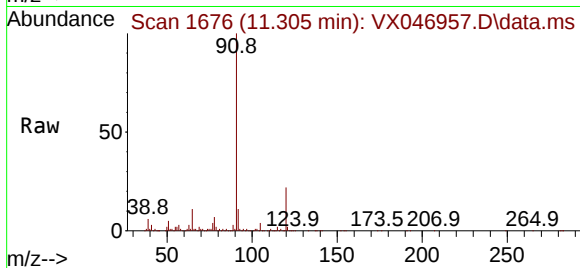
120 22.2 11.2 33.5

Manual Integrations

APPROVED

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

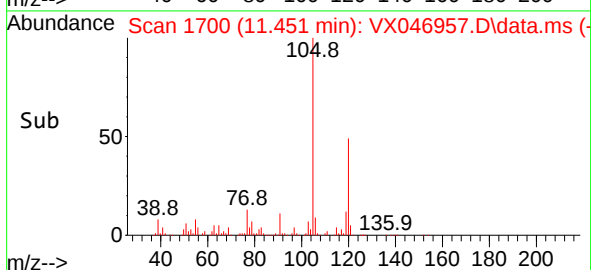
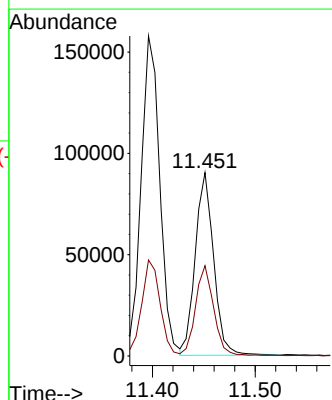
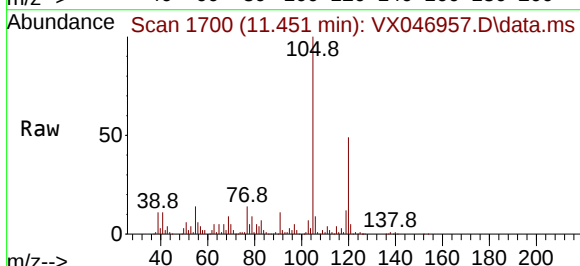
Acq: 10 Jul 2025 19:41

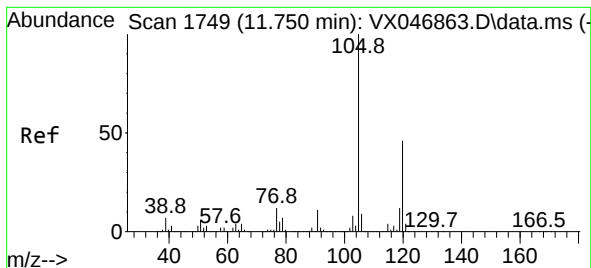
Tgt Ion:105 Resp: 112636

Ion Ratio Lower Upper

105 100

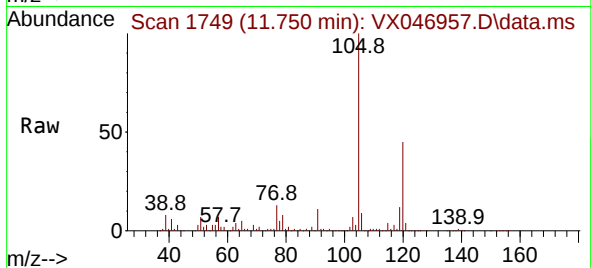
120 49.8 24.1 72.4





#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

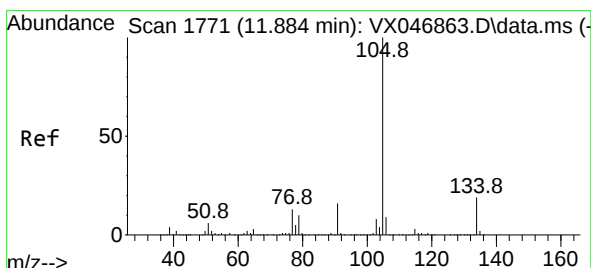
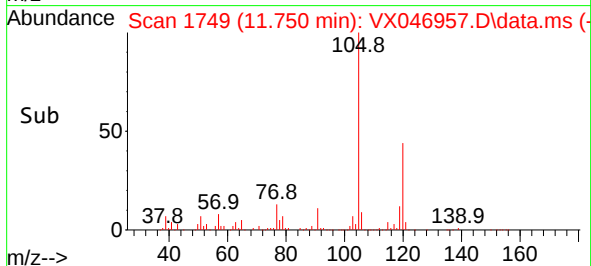
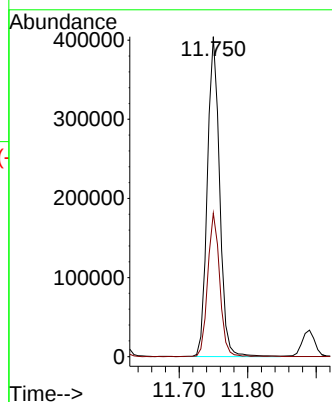
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



Tgt Ion:105 Resp: 503498  
Ion Ratio Lower Upper  
105 100  
120 43.8 23.3 69.8

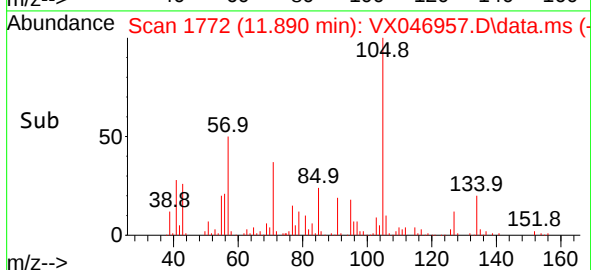
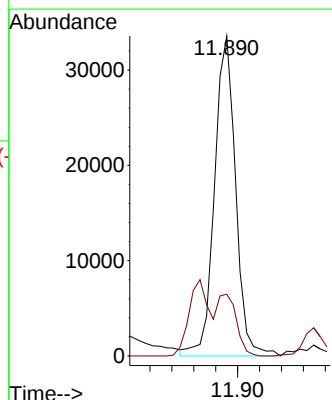
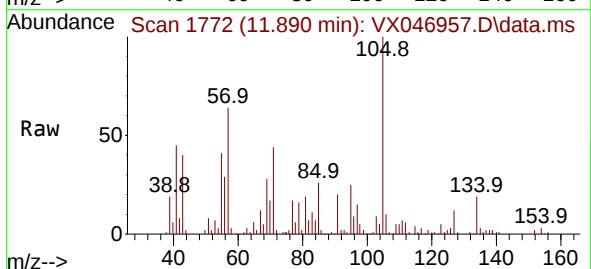
Manual Integrations  
APPROVED

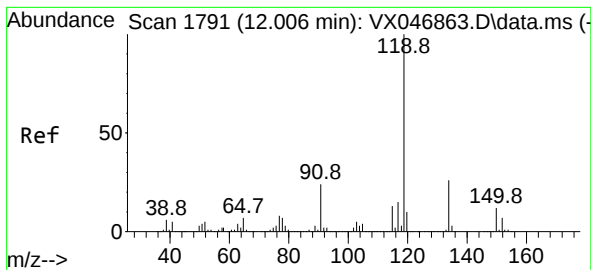
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025



#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

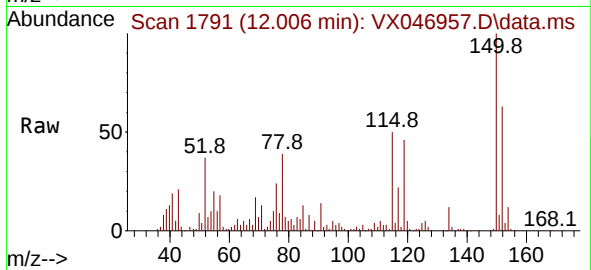
Tgt Ion:105 Resp: 44919  
Ion Ratio Lower Upper  
105 100  
134 17.0 9.9 29.7





#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

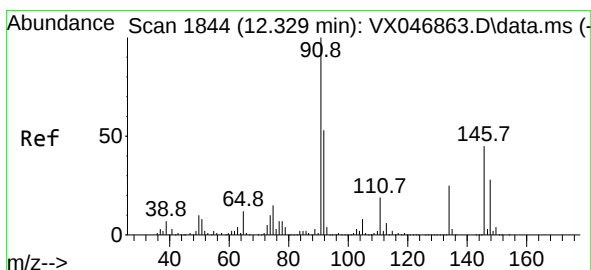
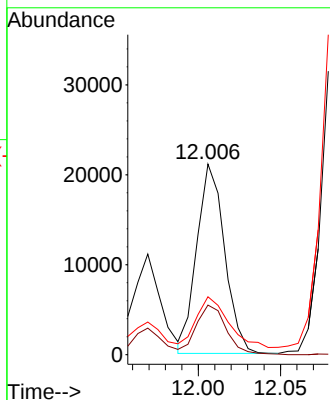
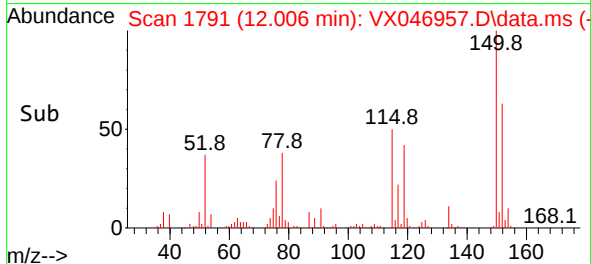
Instrument :  
MSVOA\_X  
ClientSampleId :  
GPX7ME



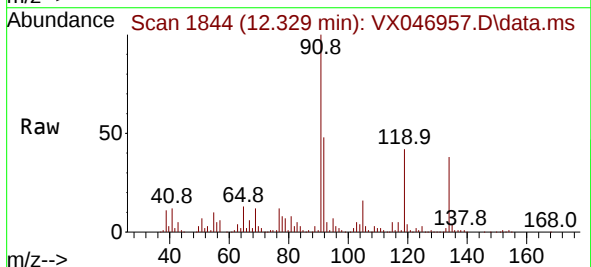
Tgt Ion: 119 Resp: 2483  
Ion Ratio Lower Upper  
119 100  
134 28.3 13.0 39.0  
91 30.1 12.0 36.1

Manual Integrations  
APPROVED

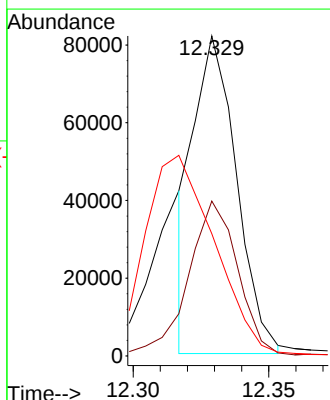
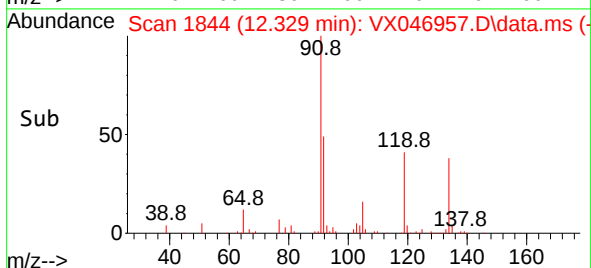
Reviewed By :John Carlone 07/11/2025  
Supervised By :Mahesh Dadoda 07/14/2025

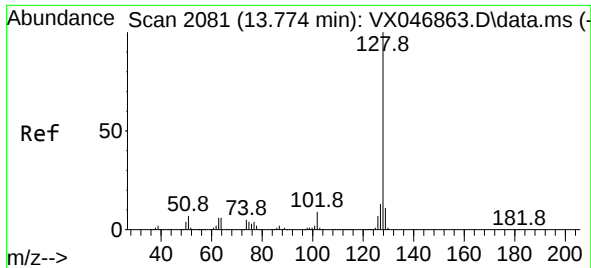


#89  
n-Butylbenzene  
Concen: 7.550 ug/l m  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX046957.D  
Acq: 10 Jul 2025 19:41



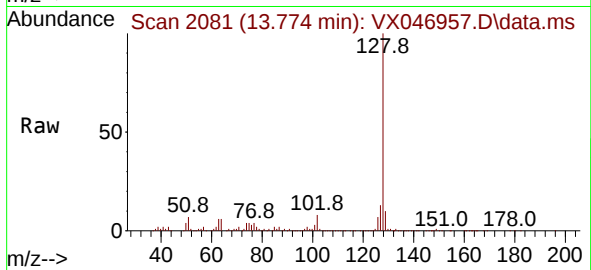
Tgt Ion: 91 Resp: 88954  
Ion Ratio Lower Upper  
91 100  
92 56.5 27.0 81.0  
134 102.3 12.8 38.4#





#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  
APPROVED

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

