

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090225\  
 Data File : VX047578.D  
 Acq On : 02 Sep 2025 13:03  
 Operator : JC/MD  
 Sample : Q2996-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CONTAINMENT-A

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/03/2025  
 Supervised By : Mahesh Dadoda 09/03/2025

Quant Time: Sep 03 02:15:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 29 02:31:18 2025  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 5.568          | 168  | 204511              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 411758              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 418229              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 217352              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 170317              | 54.231  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 108.460% |         |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113  | 143435              | 50.754  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 101.500% |         |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 511869              | 51.674  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 103.340% |         |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 218632              | 58.751  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 117.500% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         |        |          |
| 11) Tert butyl alcohol      | 2.965          | 59   | 4286                | 14.848  | ug/l # | 85       |
| 16) Acetone                 | 2.392          | 43   | 129024              | 103.734 | ug/l   | 96       |
| 18) Methyl Acetate          | 2.721          | 43   | 19832               | 6.467   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.806          | 84   | 10552               | 3.334   | ug/l   | 97       |
| 25) 2-Butanone              | 4.574          | 43   | 47165               | 28.814  | ug/l # | 89       |
| 59) 2-Hexanone              | 9.439          | 43   | 21000m              | 8.168   | ug/l   |          |
| -----                       |                |      |                     |         |        |          |

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

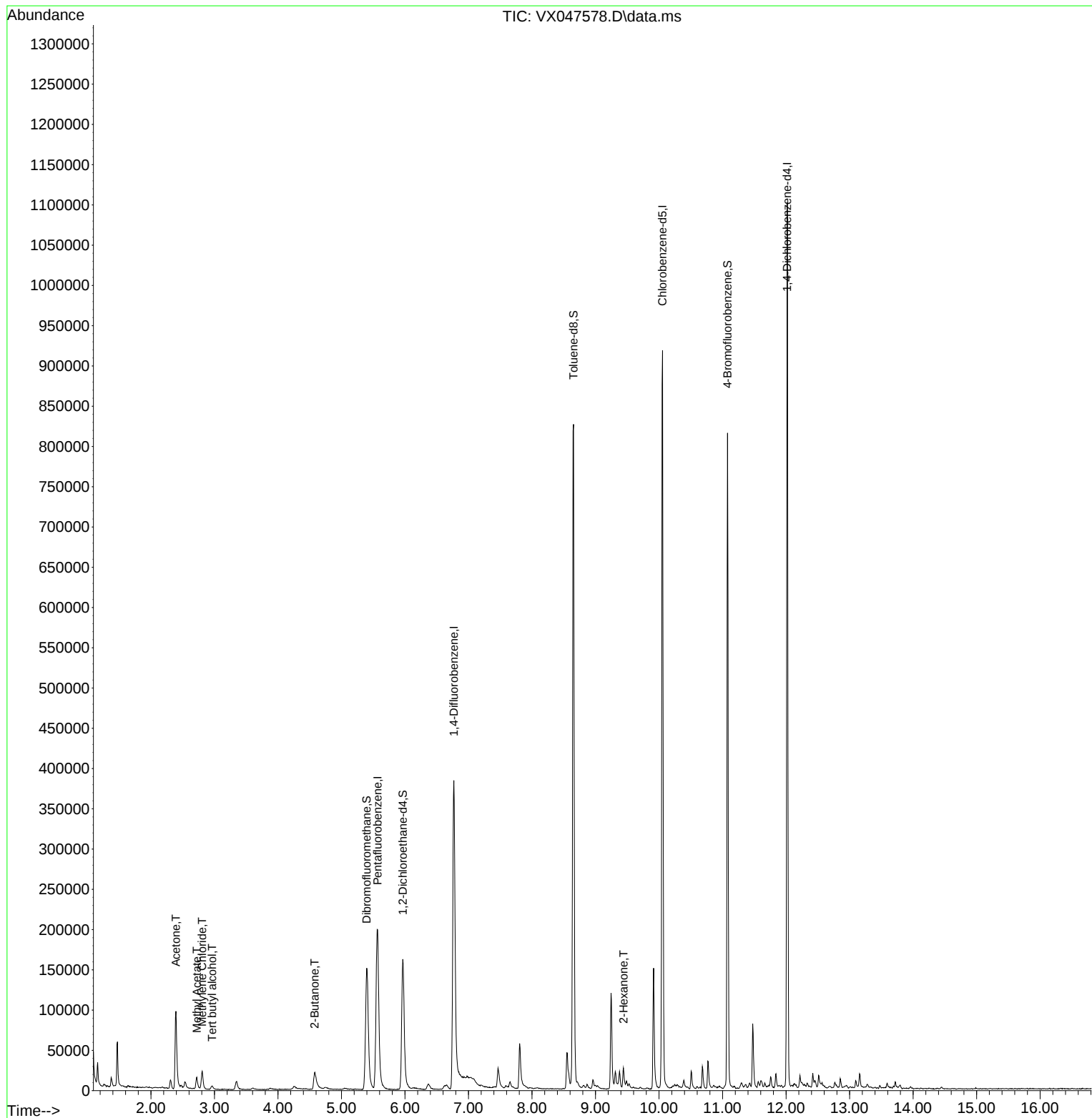
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090225\  
Data File : VX047578.D  
Acq On : 02 Sep 2025 13:03  
Operator : JC/MD  
Sample : Q2996-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

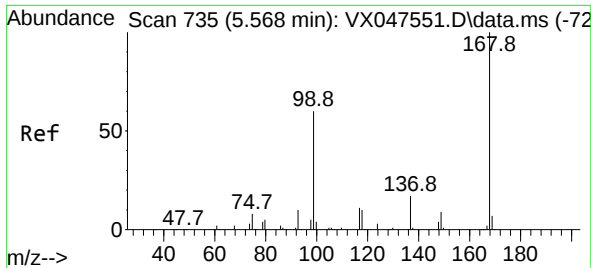
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A

Quant Time: Sep 03 02:15:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 29 02:31:18 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

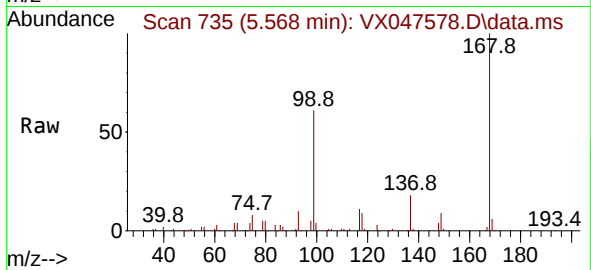
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

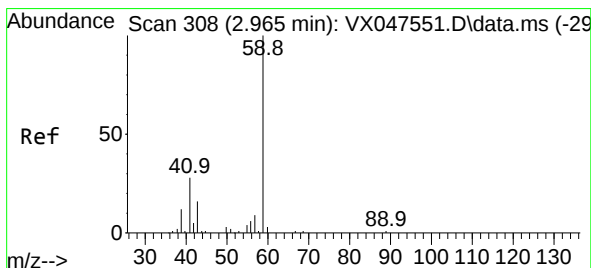
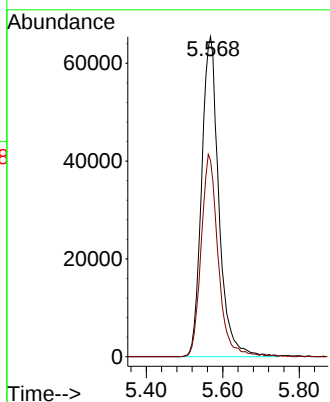
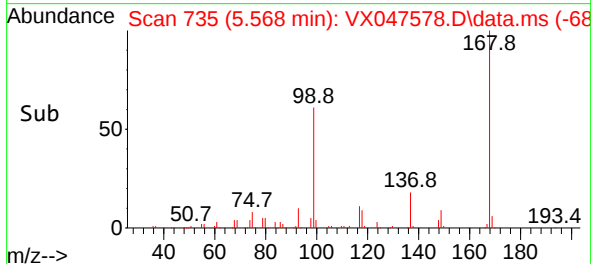
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A



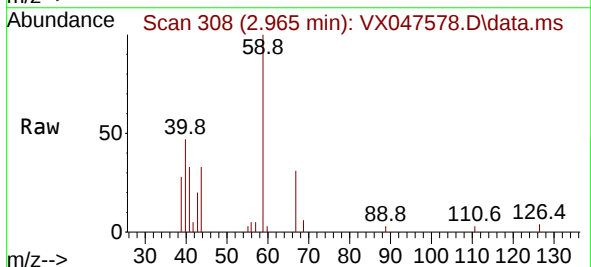
Tgt Ion:168 Resp: 20451  
Ion Ratio Lower Upper  
168 100  
99 61.3 48.9 73.3

Manual Integrations  
APPROVED

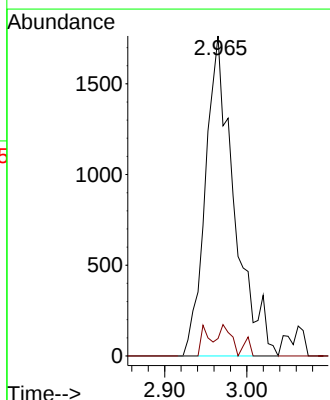
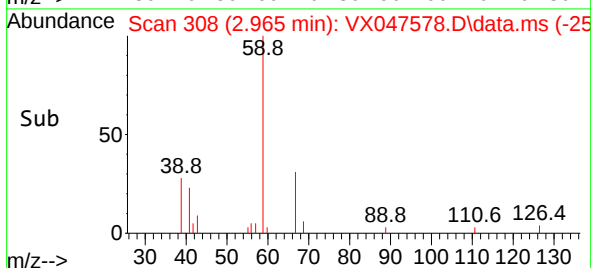
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025

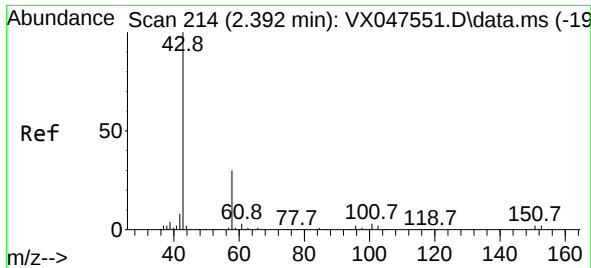


#11  
Tert butyl alcohol  
Concen: 14.848 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03



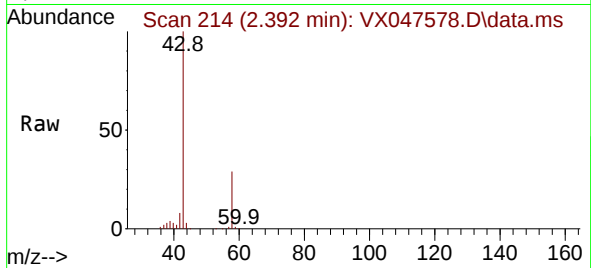
Tgt Ion: 59 Resp: 4286  
Ion Ratio Lower Upper  
59 100  
57 4.3 7.9 11.9#





#16  
Acetone  
Concen: 103.734 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

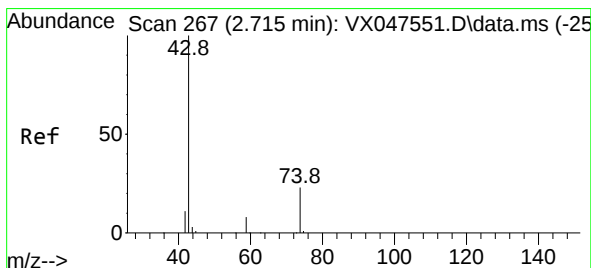
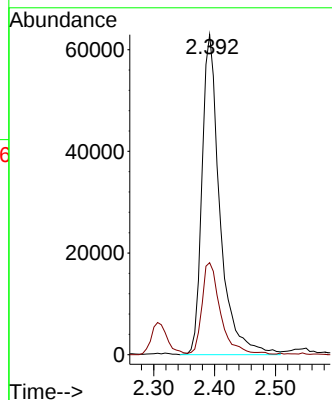
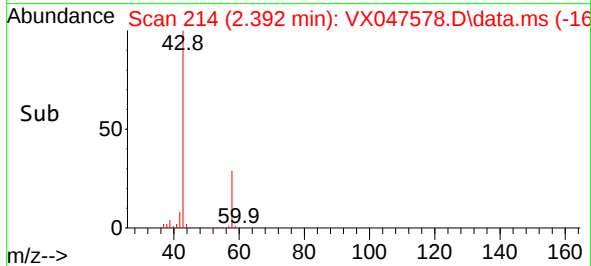
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A



Tgt Ion: 43 Resp: 129024  
Ion Ratio Lower Upper  
43 100  
58 28.3 24.2 36.2

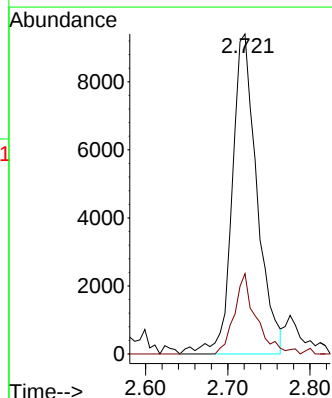
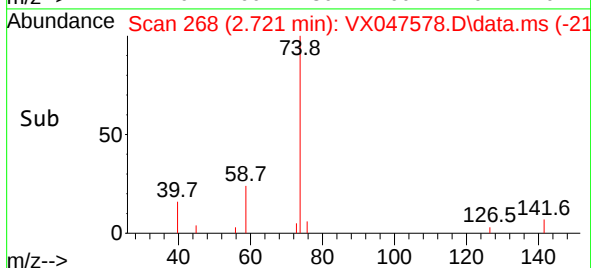
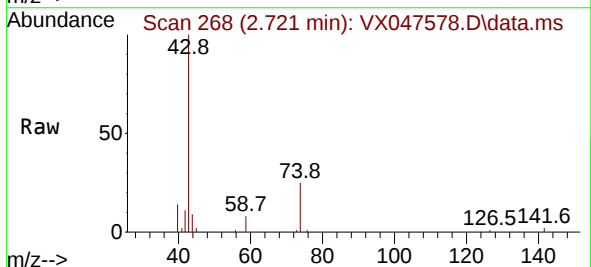
Manual Integrations  
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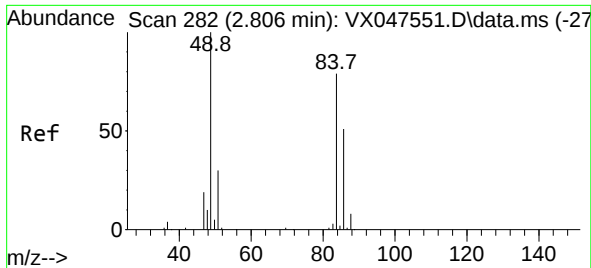
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025



#18  
Methyl Acetate  
Concen: 6.467 ug/l  
RT: 2.721 min Scan# 268  
Delta R.T. 0.006 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

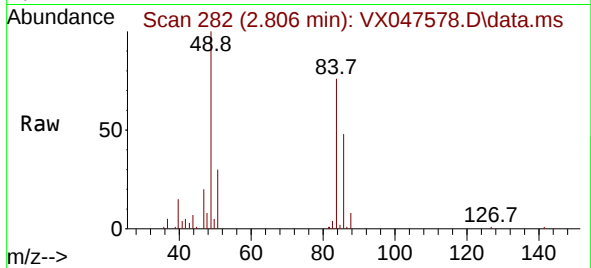
Tgt Ion: 43 Resp: 19832  
Ion Ratio Lower Upper  
43 100  
74 22.0 17.8 26.8





#20  
Methylene Chloride  
Concen: 3.334 ug/l  
RT: 2.806 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

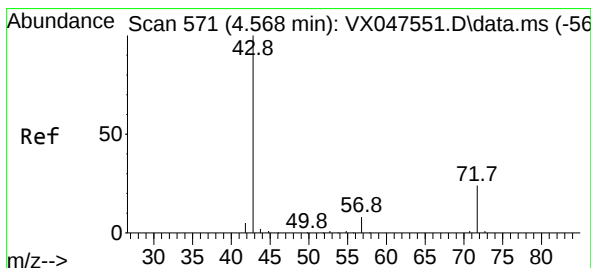
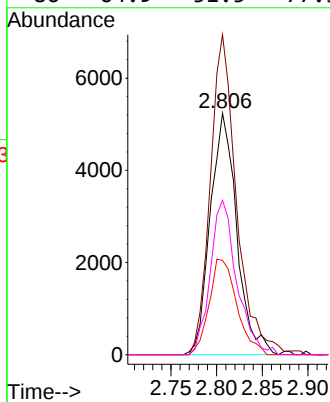
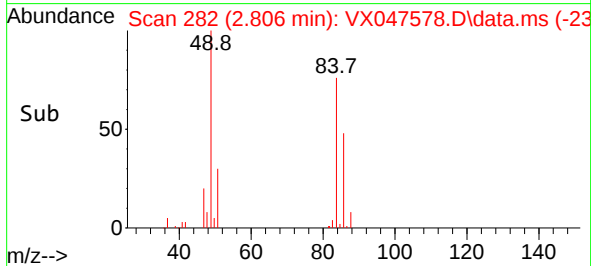
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A



Tgt Ion: 84 Resp: 10552  
Ion Ratio Lower Upper  
84 100  
49 132.4 101.4 152.2  
51 39.1 30.6 46.0  
86 64.9 51.5 77.3

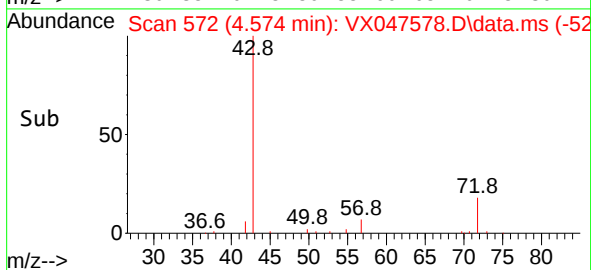
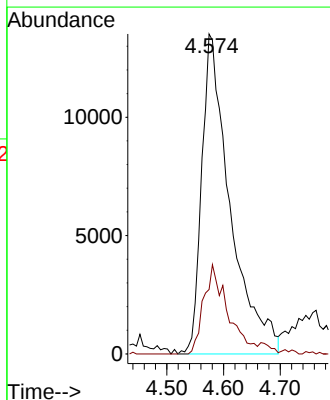
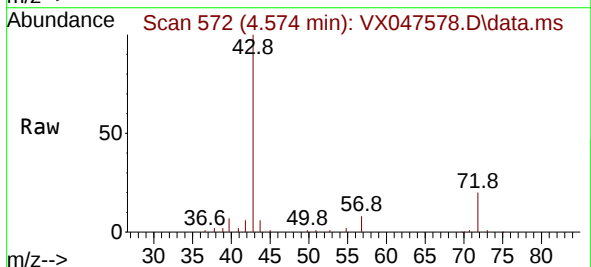
Manual Integrations  
APPROVED

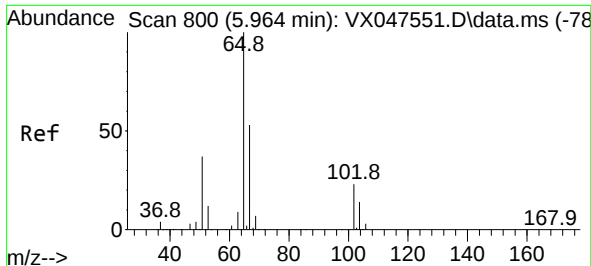
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025



#25  
2-Butanone  
Concen: 28.814 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

Tgt Ion: 43 Resp: 47165  
Ion Ratio Lower Upper  
43 100  
72 19.1 19.5 29.3#





#33

1,2-Dichloroethane-d4

Concen: 54.231 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047578.D

Acq: 02 Sep 2025 13:03

Instrument :

MSVOA\_X

ClientSampleId :

CONTAINMENT-A

Tgt Ion: 65 Resp: 17031

Ion Ratio Lower Upper

65 100

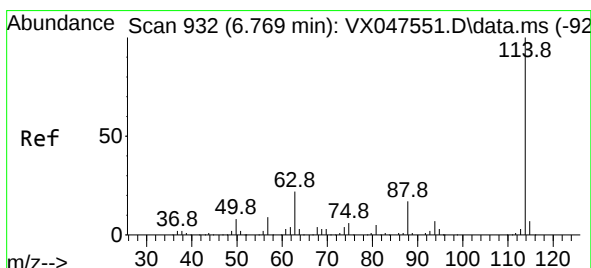
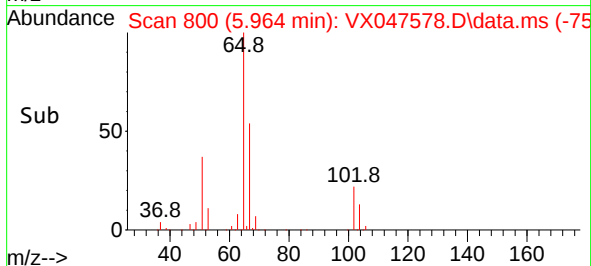
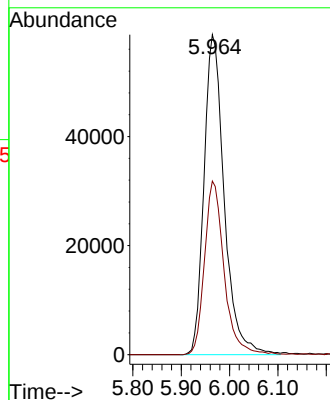
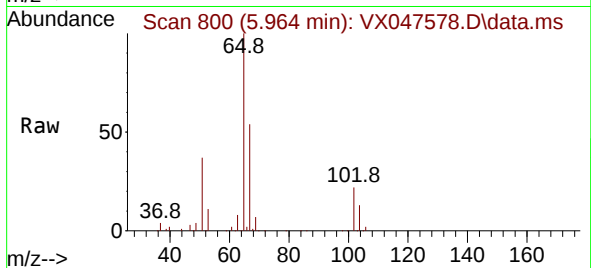
67 52.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047578.D

Acq: 02 Sep 2025 13:03

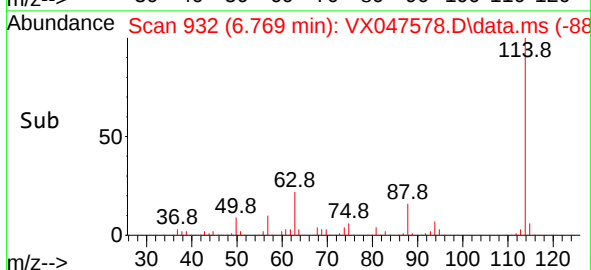
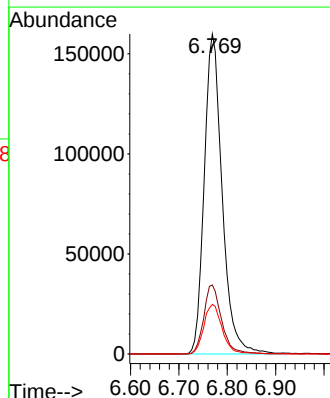
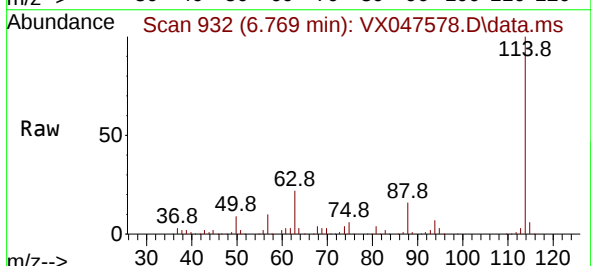
Tgt Ion:114 Resp: 411758

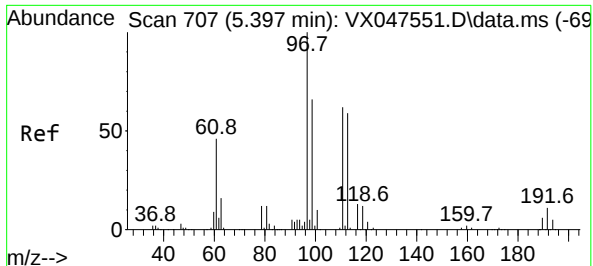
Ion Ratio Lower Upper

114 100

63 24.7 0.0 43.6

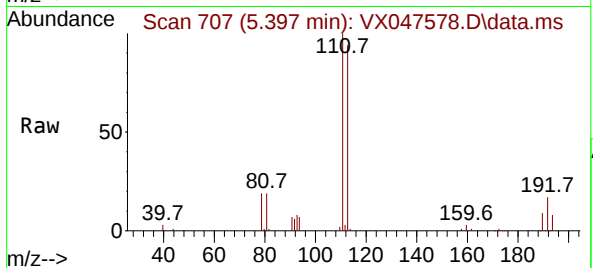
88 15.5 0.0 33.2





#35  
Dibromofluoromethane  
Concen: 50.754 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

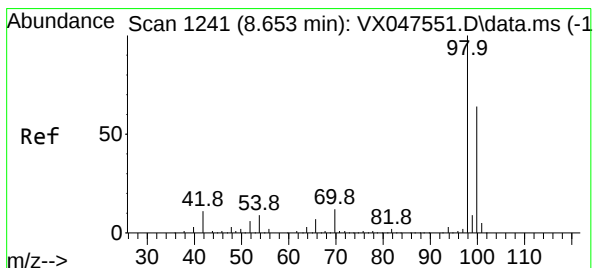
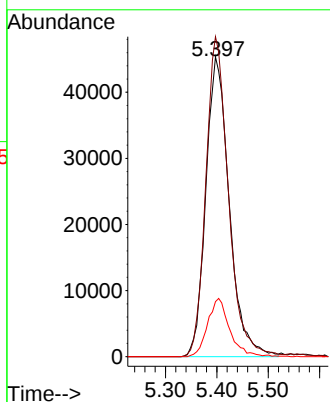
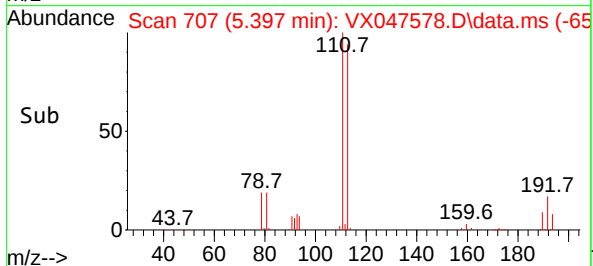
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A



Tgt Ion:113 Resp: 14343  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.2 121.8  
192 18.4 14.2 21.4

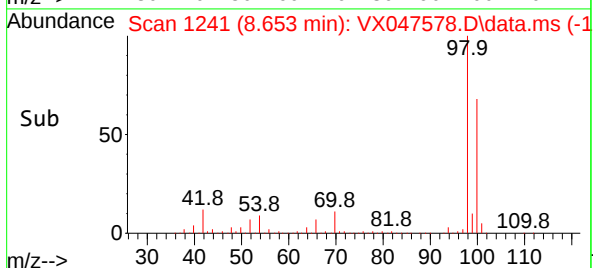
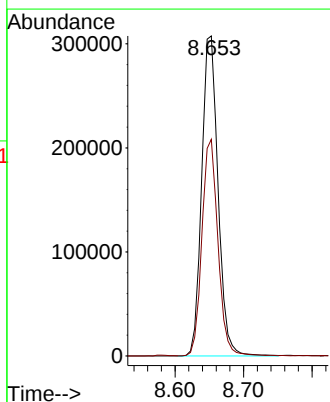
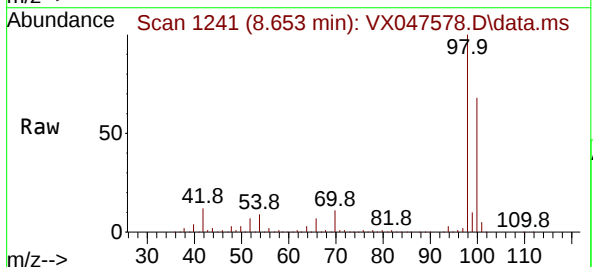
Manual Integrations  
APPROVED

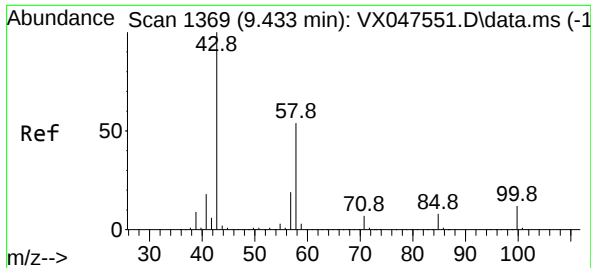
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025



#50  
Toluene-d8  
Concen: 51.674 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

Tgt Ion: 98 Resp: 511869  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.5 80.3





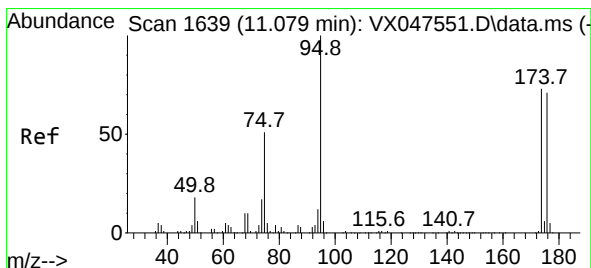
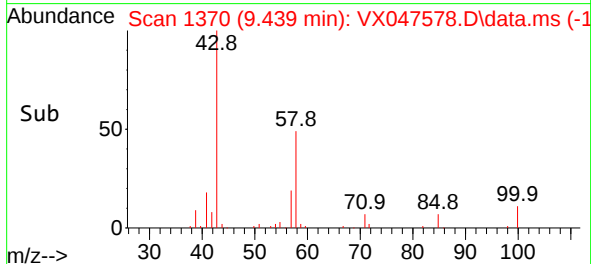
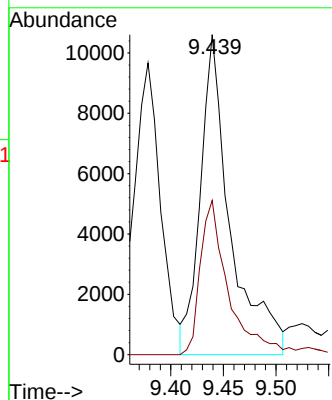
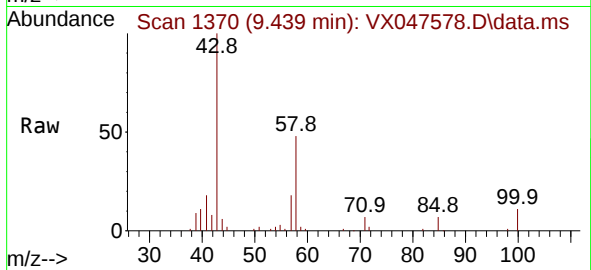
#59  
2-Hexanone  
Concen: 8.168 ug/l m  
RT: 9.439 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A

Tgt Ion: 43 Resp: 21000  
Ion Ratio Lower Upper  
43 100  
58 45.2 26.7 80.0

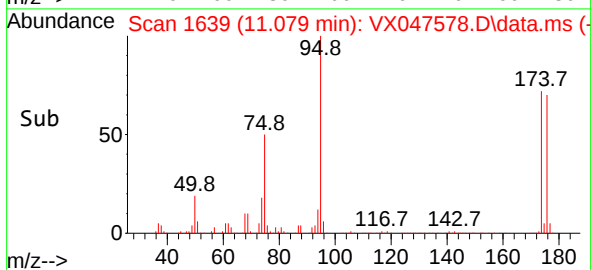
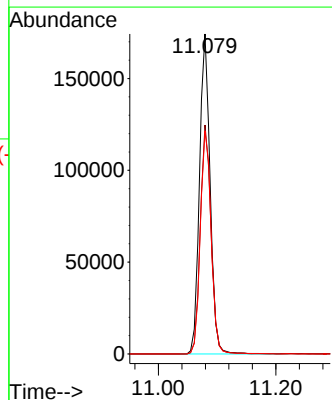
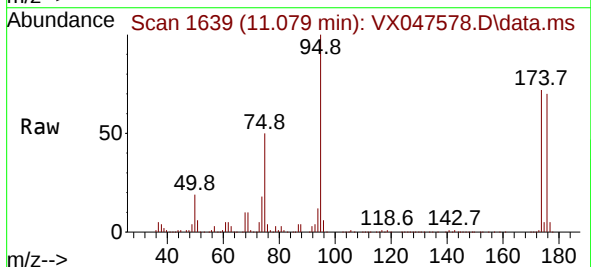
Manual Integrations  
APPROVED

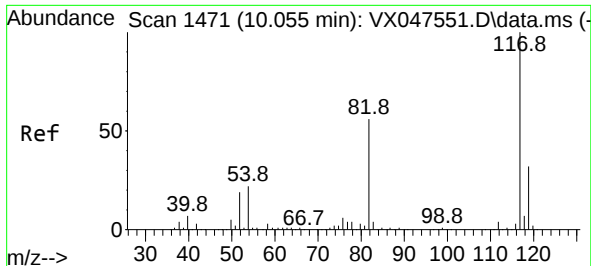
Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025



#62  
4-Bromofluorobenzene  
Concen: 58.751 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

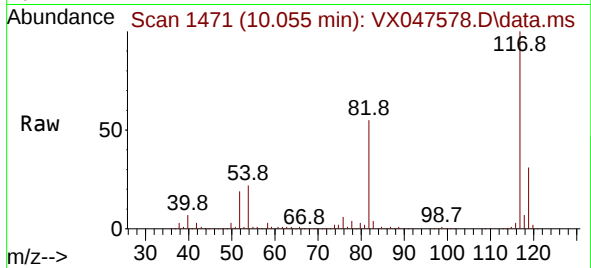
Tgt Ion: 95 Resp: 218632  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 145.2  
176 71.5 0.0 140.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

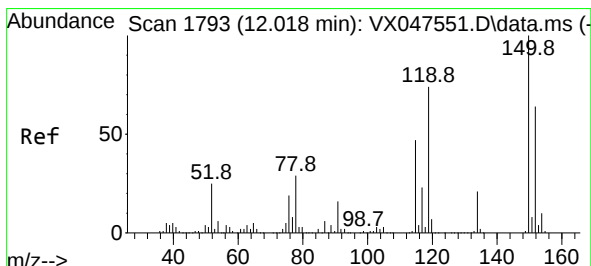
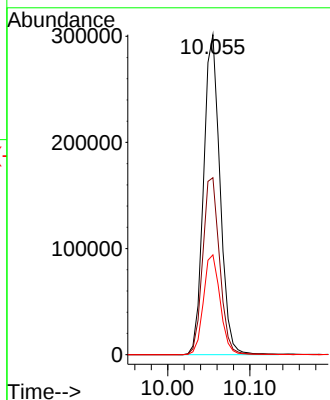
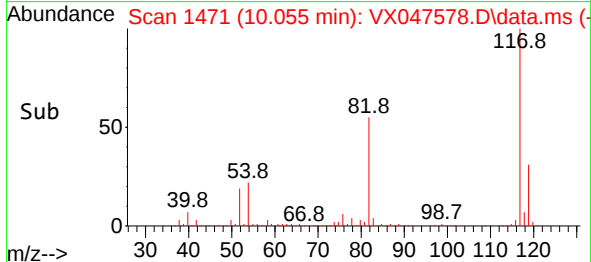
Instrument :  
MSVOA\_X  
ClientSampleId :  
CONTAINMENT-A



Tgt Ion:117 Resp: 418229  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.6 66.8  
119 31.2 25.7 38.5

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/03/2025  
Supervised By :Mahesh Dadoda 09/03/2025



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX047578.D  
Acq: 02 Sep 2025 13:03

Tgt Ion:152 Resp: 217352  
Ion Ratio Lower Upper  
152 100  
115 61.3 42.9 128.5  
150 154.9 0.0 351.0

