Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063245.D
Acq On : 4 Sep 2020 14:13
Operator : JC/MD
Sample : L3902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Manual Integrations APPROVED
MMDadoda
9/8/2020 5:34:37 PM

Quant Time: Sep 07 01:03:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.63 | 168 | 266828 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.55 | 114 | 514585 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.38 | 117 | 502402 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152 | 194600 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.99 | 65 | 210263 | 48.20 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.40% | | | |
| 35) Dibromofluoromethane | 7.55 | 113 | 163746 | 49.60 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.20% | | | |
| 50) Toluene-d8 | 10.06 | 98 | 655571 | 51.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.18% | | | |
| 62) 4-Bromofluorobenzene | 12.38 | 95 | 221030 | 49.73 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.46% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 2.68 | 64 | 39787 | 11.839 | ug/l | 96 |
| 12) 1,1-Dichloroethene | 3.70 | 96 | 24987 | 8.535 | ug/l # | 79 |
| 24) 1,1-Dichloroethane | 5.80 | 63 | 794291 | 123.663 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 7.53 | 97 | 43211 | 7.462 | ug/l | 98 |
| 40) Benzene | 8.01 | 78 | 5178m | 0.356 | ug/l | |
| 73) Isopropylbenzene | 12.23 | 105 | 6254 | 0.419 | ug/l | 91 |
| 85) sec-Butylbenzene | 13.15 | 105 | 7017 | 0.505 | ug/l # | 76 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063245.D
Acq On : 4 Sep 2020 14:13
Operator : JC/MD
Sample : L3902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 07 01:03:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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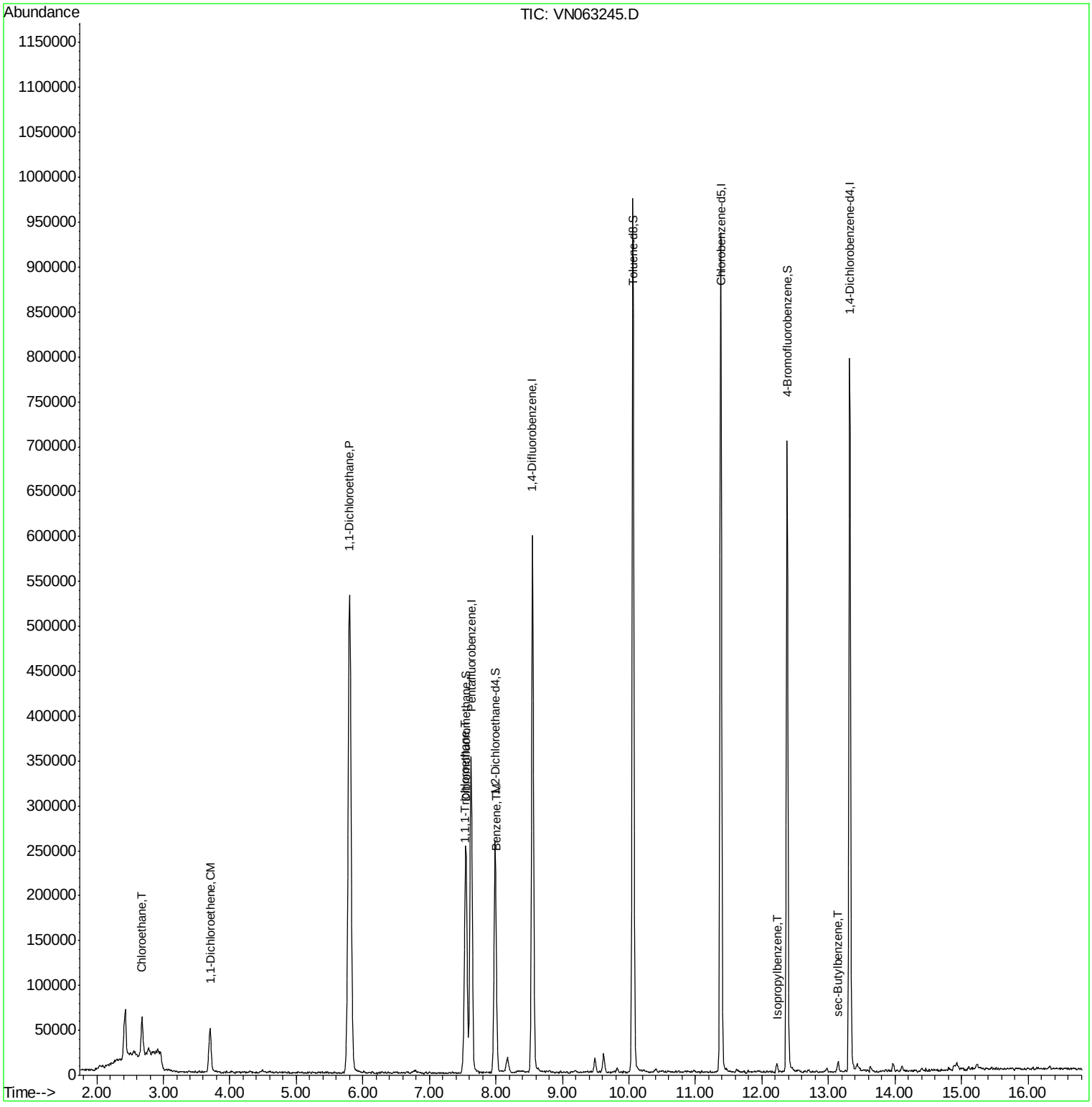

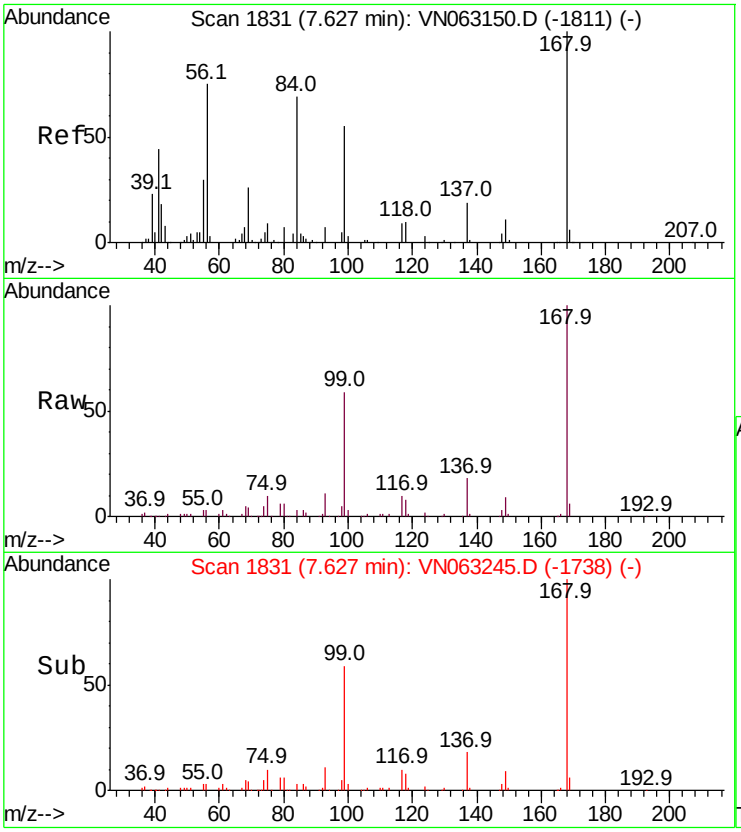


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:168 Resp: 266828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.8 | 54.2 | 81.2 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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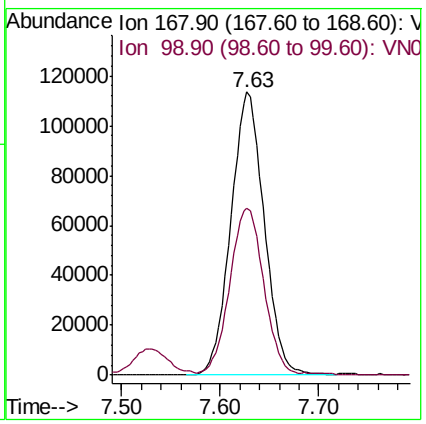
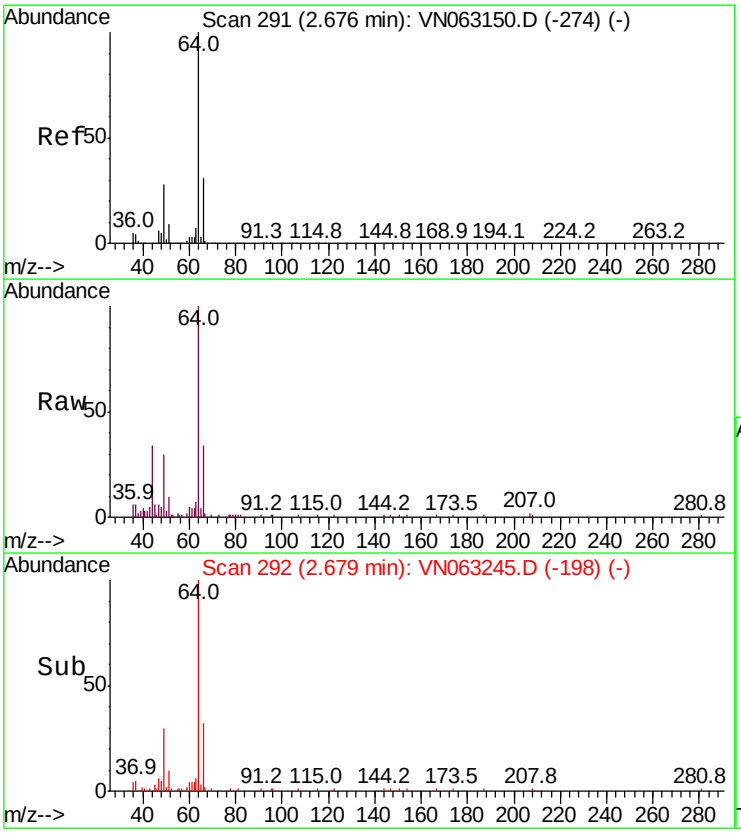
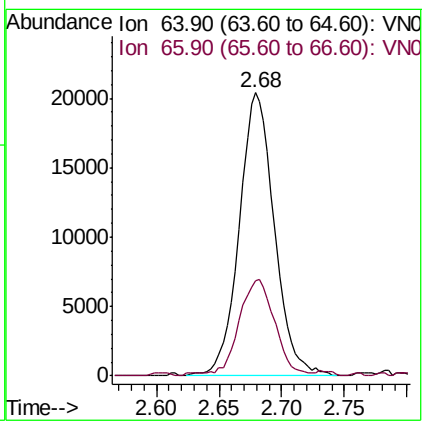


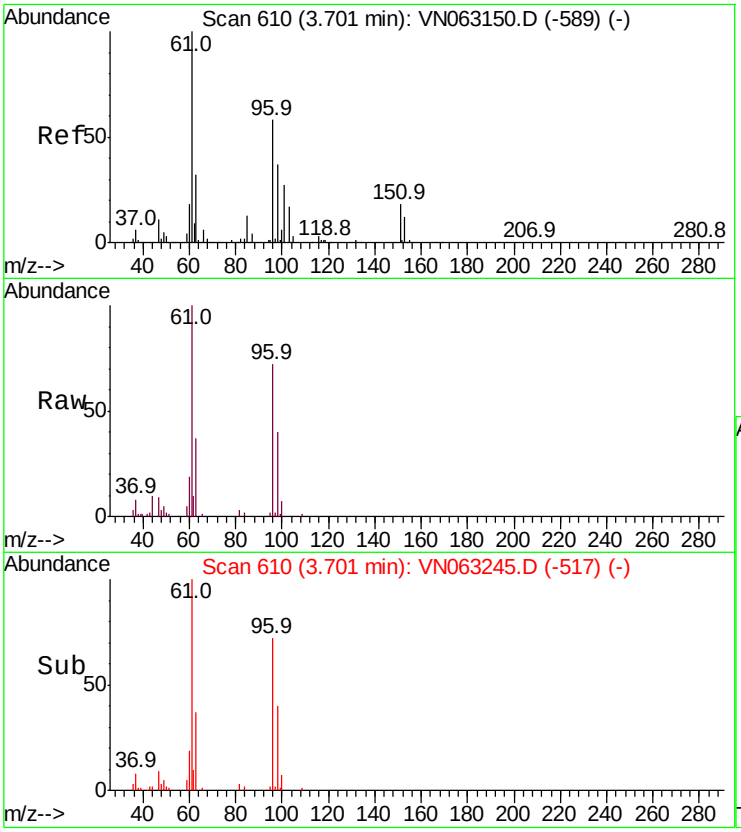




#6
Chloroethane
Concen: 11.839 ug/l
RT: 2.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 64 Resp: 39787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.0 | 24.7 | 37.1 |

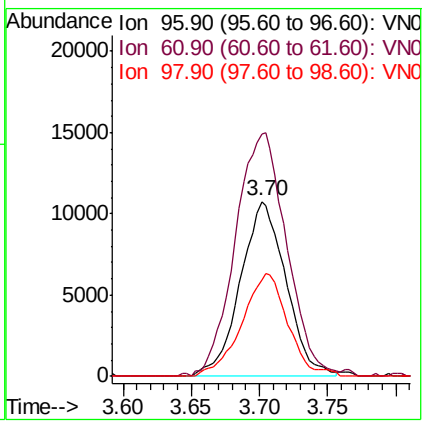





#12
1,1-Dichloroethene
Concen: 8.535 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 96 Resp: 24987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.8 | 137.4 | 206.2# |
| 98 | 54.9 | 50.5 | 75.7 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

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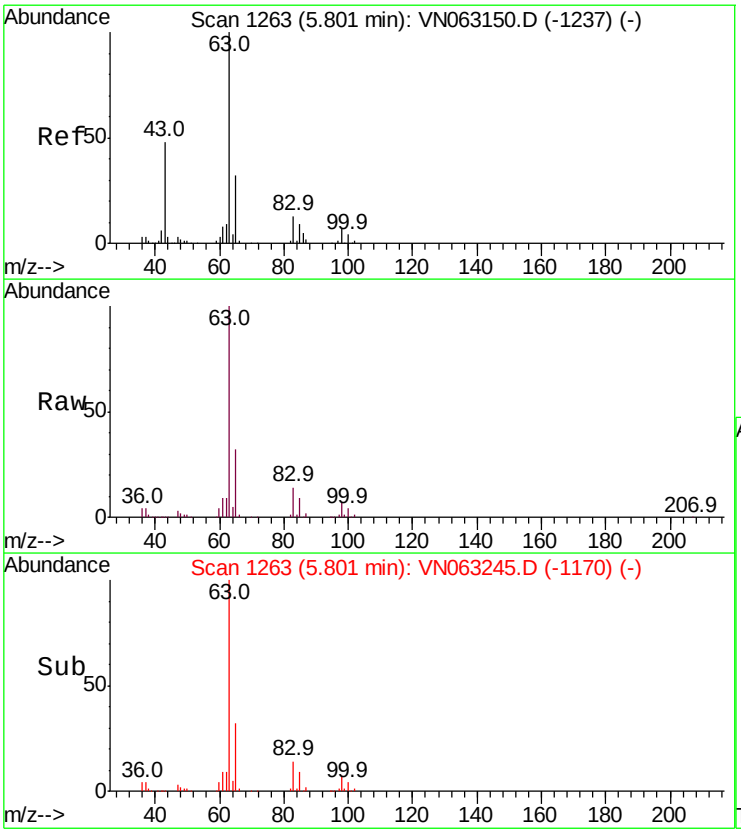
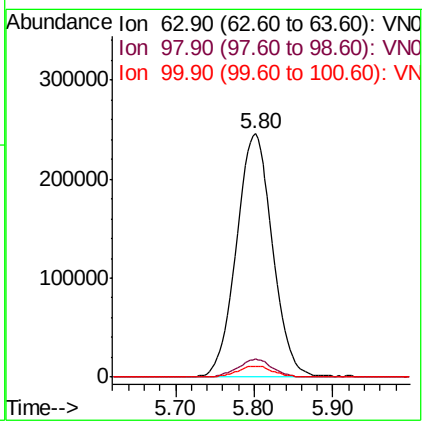
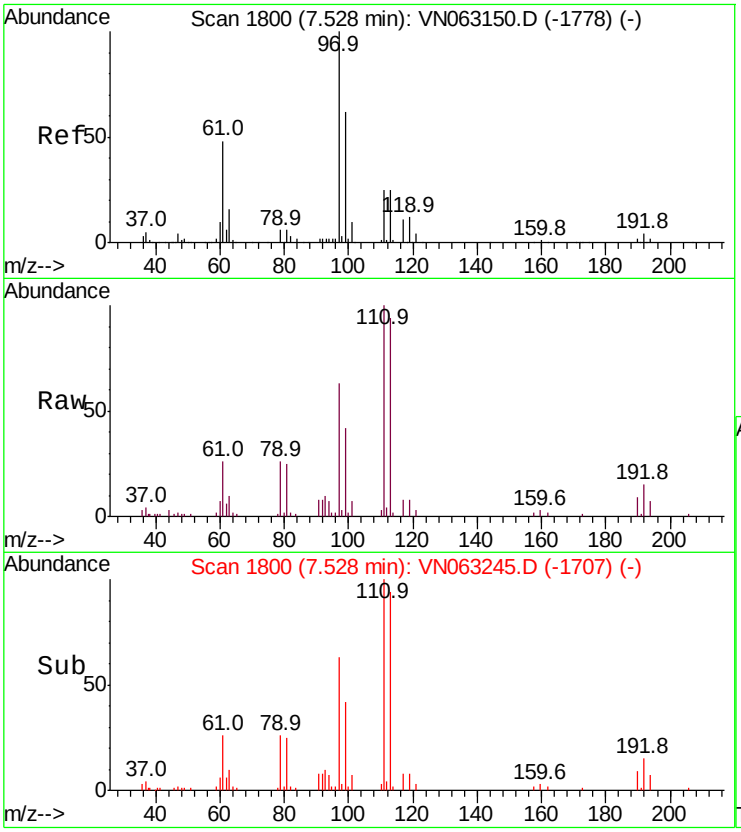



#24
1,1-Dichloroethane
Concen: 123.663 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 63 Resp: 794291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.4 | 10.1 |
| 100 | 4.5 | 2.3 | 6.8 |

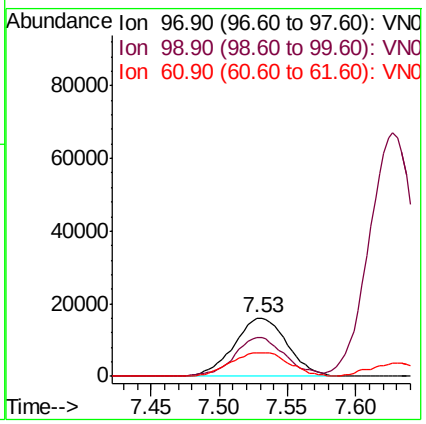





#32
1,1,1-Trichloroethane
Concen: 7.462 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 97 Resp: 43211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.3 | 50.8 | 76.2 |
| 61 | 44.8 | 37.4 | 56.2 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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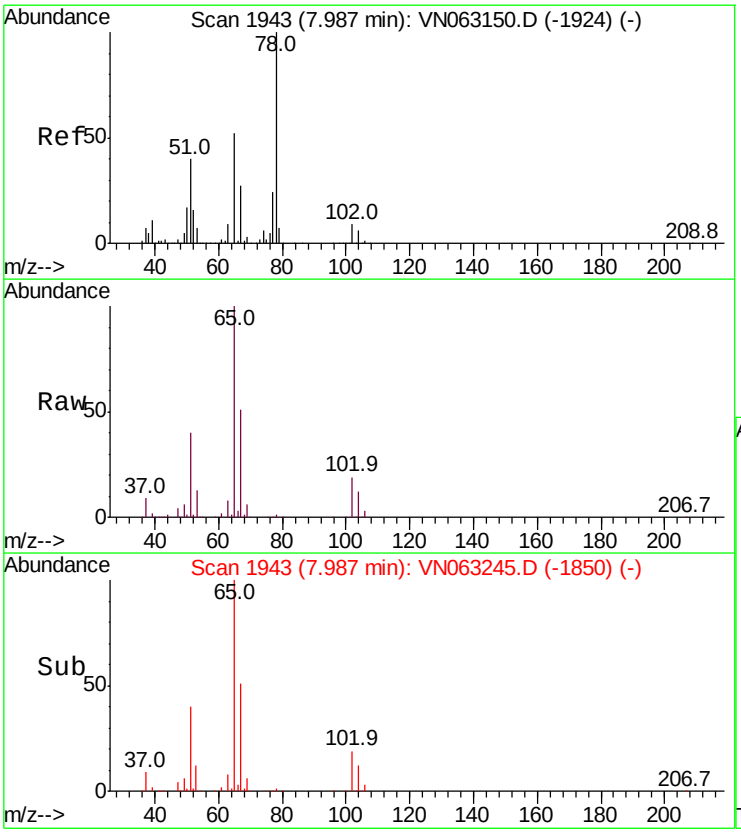
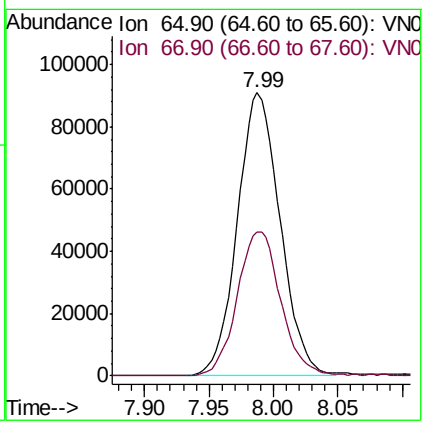
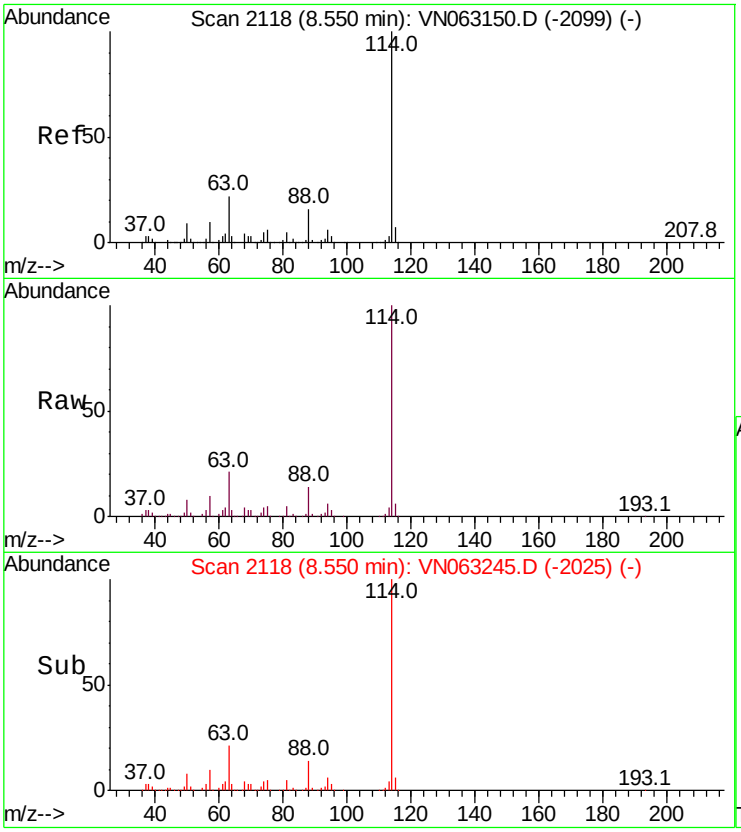



#33
1,2-Dichloroethane-d4
Concen: 48.205 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 65 Resp: 210263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.8 | 0.0 | 104.4 |

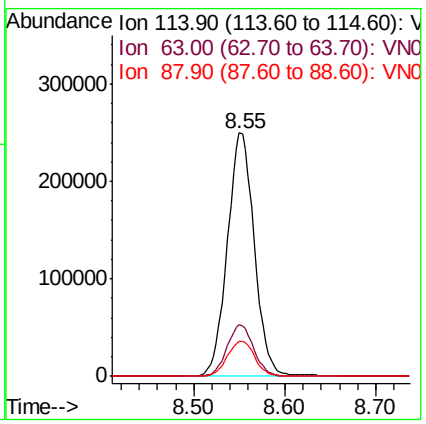





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:114 Resp: 514585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 43.0 |
| 88 | 14.3 | 0.0 | 31.6 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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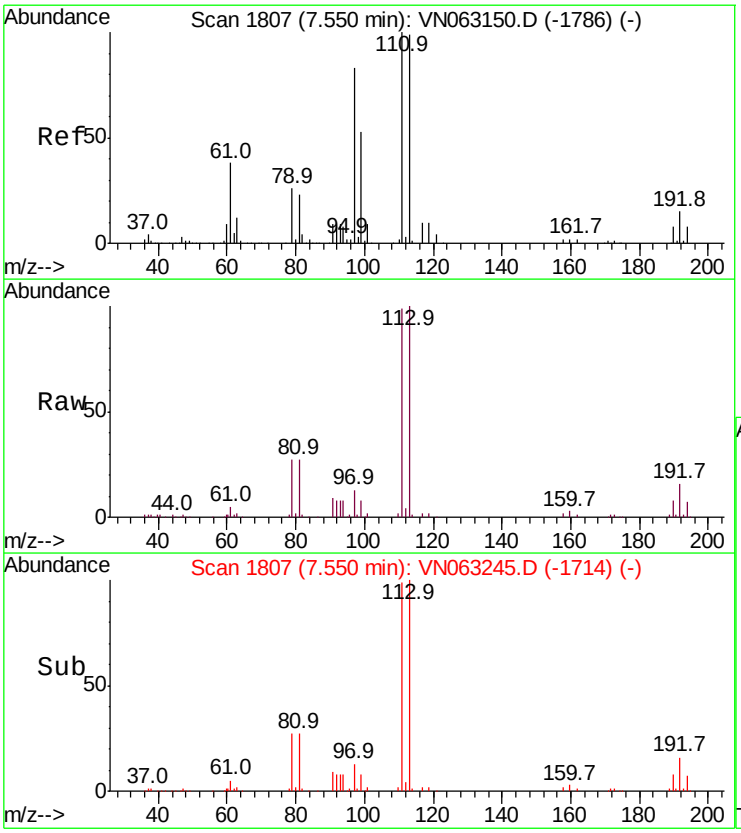
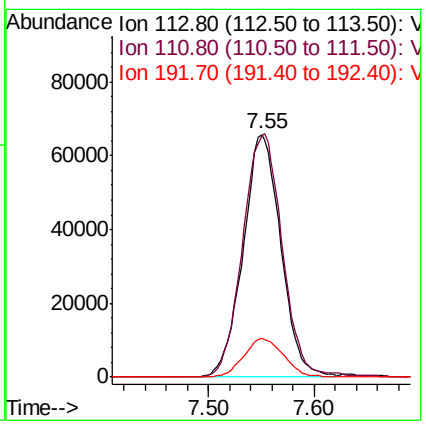
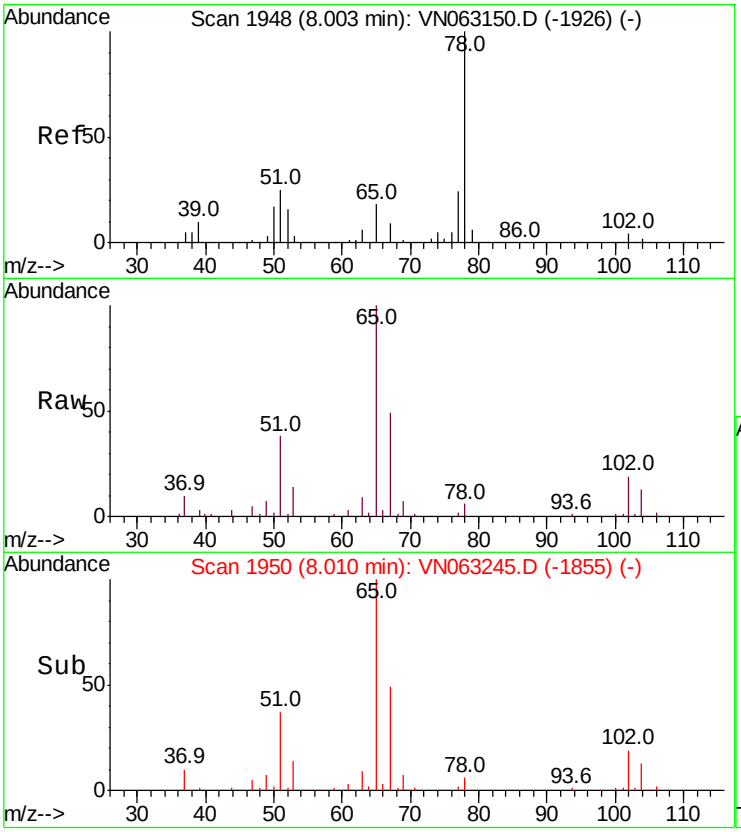



#35
Dibromofluoromethane
Concen: 49.600 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:113 Resp: 163746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.4 | 80.7 | 121.1 |
| 192 | 16.7 | 12.6 | 19.0 |






#40
Benzene
Concen: 0.356 ug/l m
RT: 8.01 min Scan# 1950
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 78 Resp: 5178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 32.3 | 19.3 | 28.9# |

**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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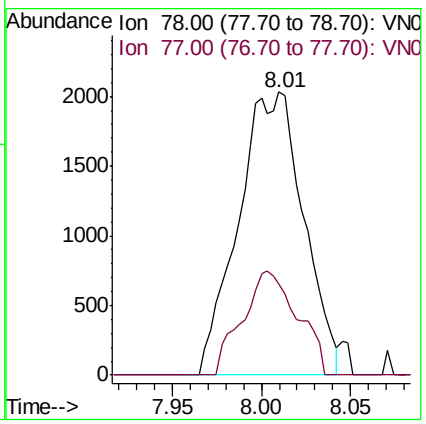
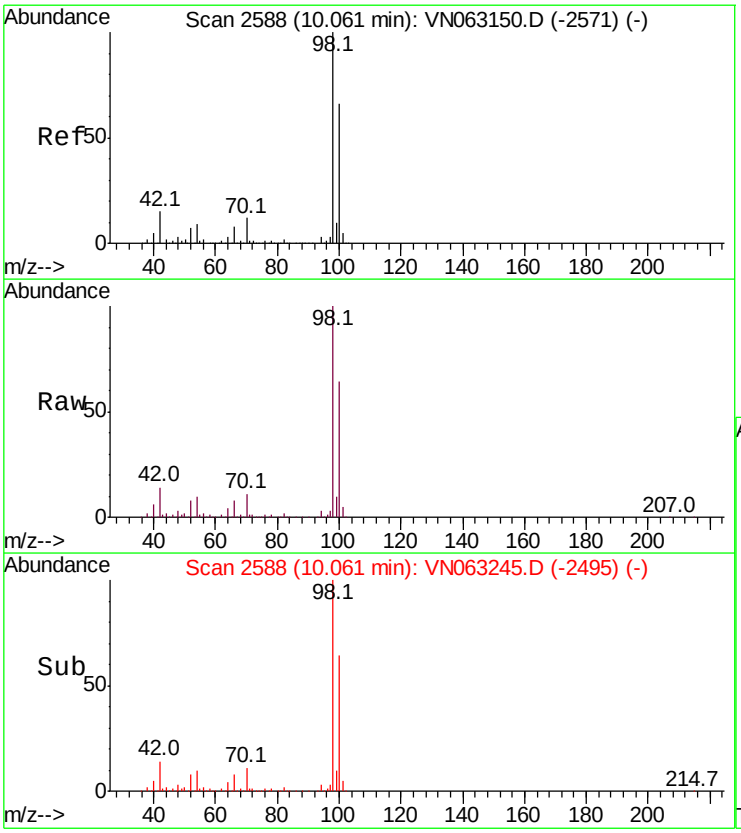
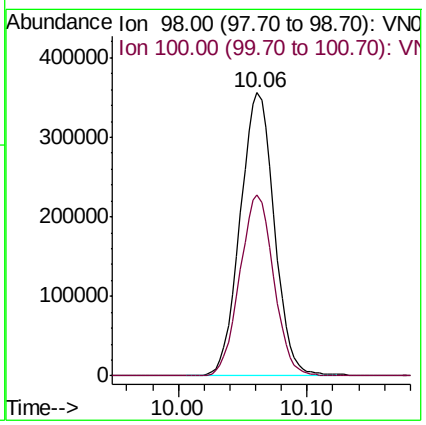


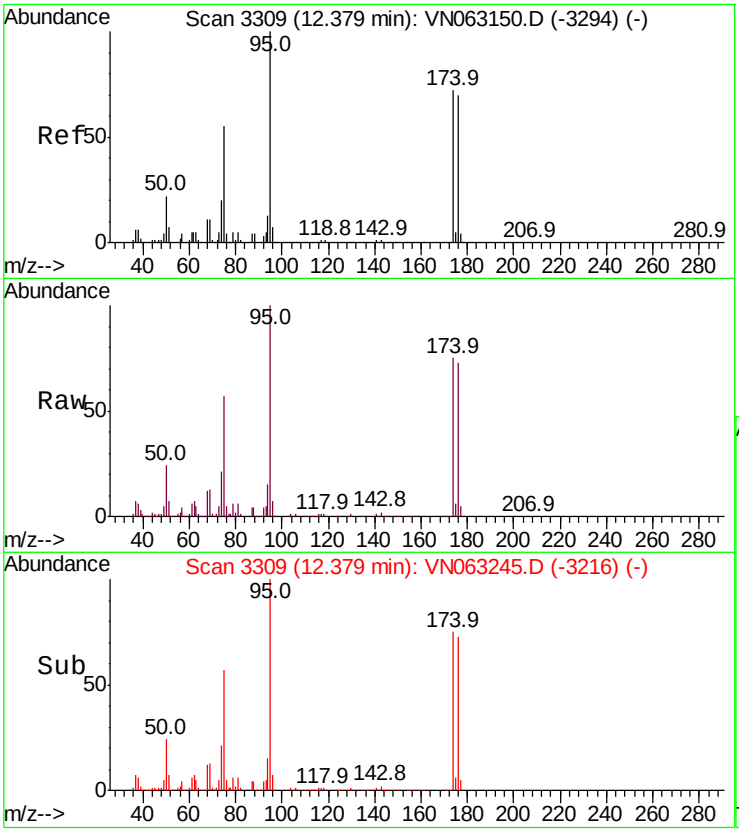




#50
Toluene-d8
Concen: 51.592 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 98 Resp: 655571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.5 | 52.0 | 78.0 |

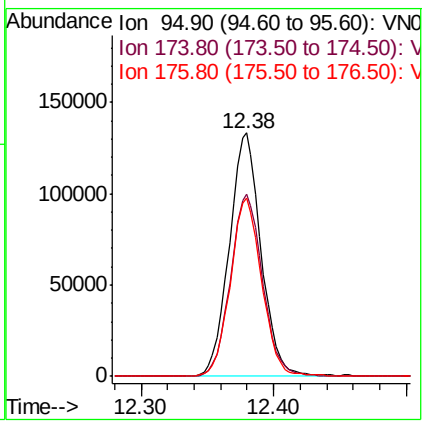





#62
4-Bromofluorobenzene
Concen: 49.726 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 95 Resp: 221030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.7 | 0.0 | 143.8 |
| 176 | 72.5 | 0.0 | 138.4 |




**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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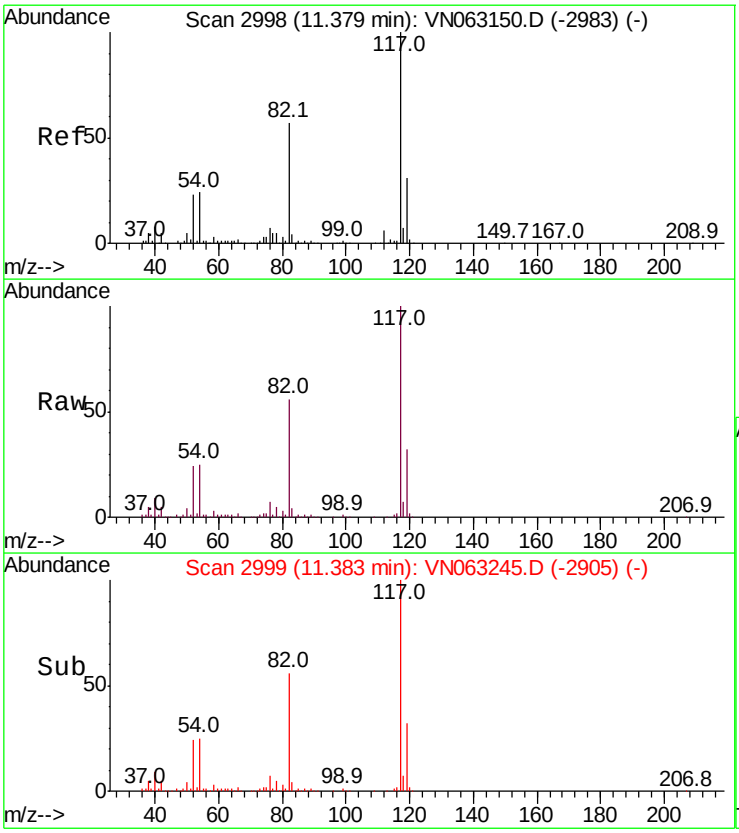
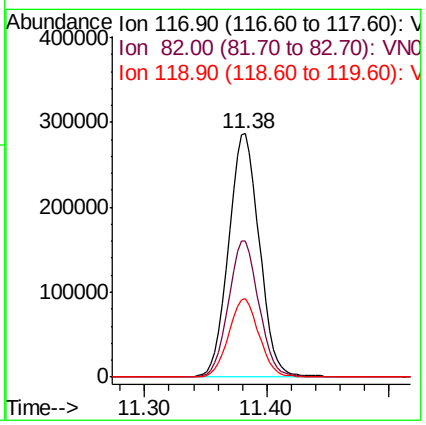
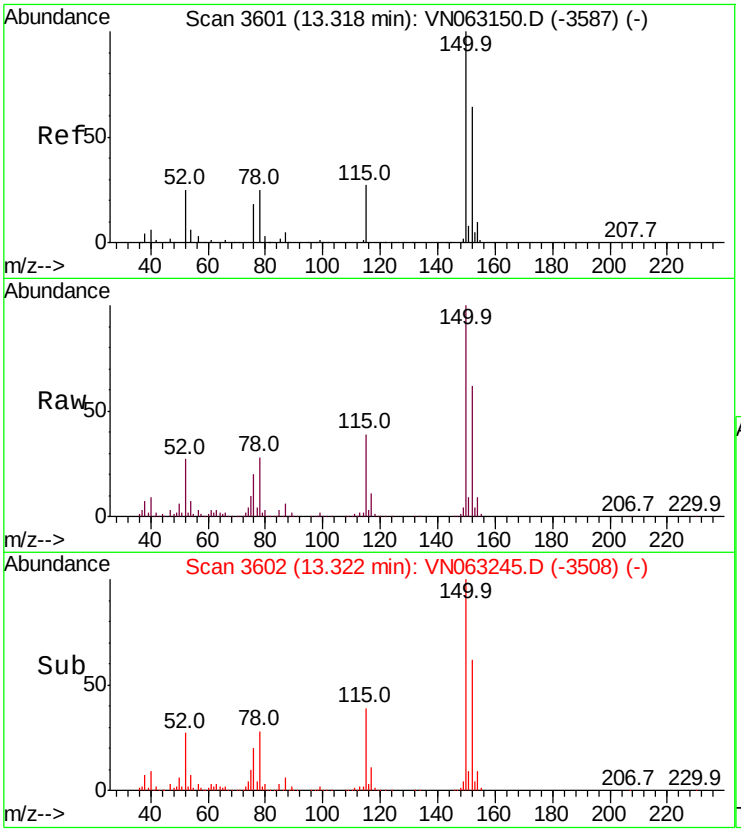



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:117 Resp: 502402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.7 | 45.4 | 68.0 |
| 119 | 32.2 | 24.6 | 37.0 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:152 Resp: 194600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.5 | 32.0 | 96.2 |
| 150 | 158.9 | 0.0 | 353.0 |

**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

**Manual Integrations APPROVED**
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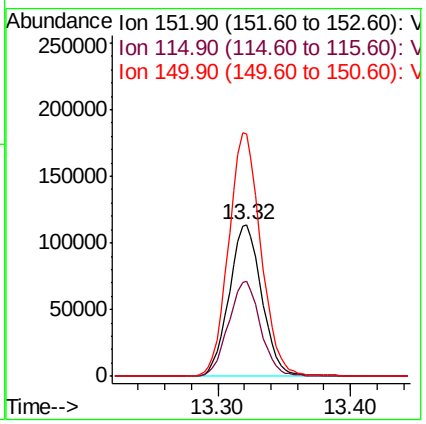
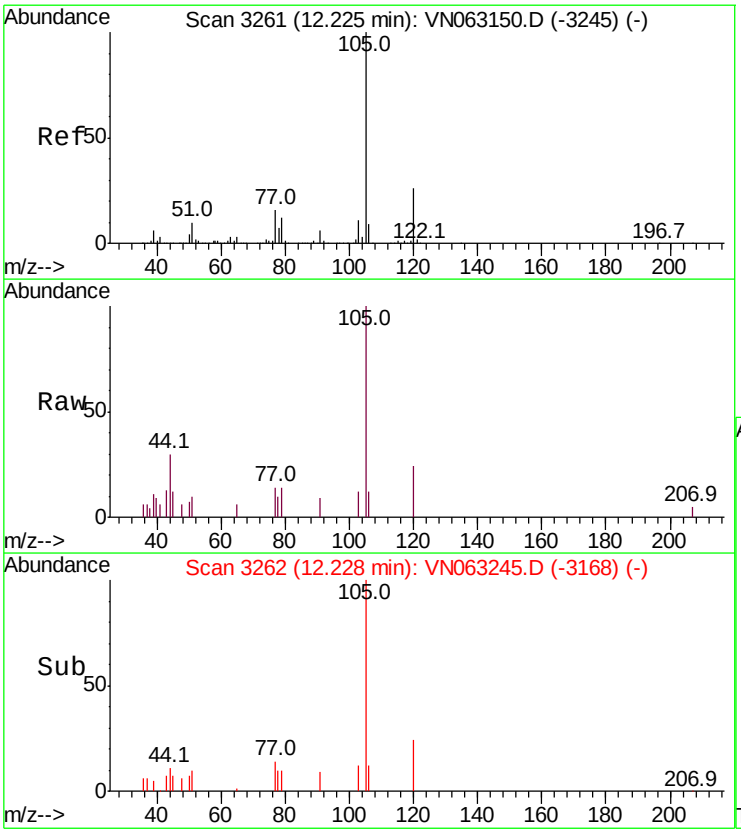
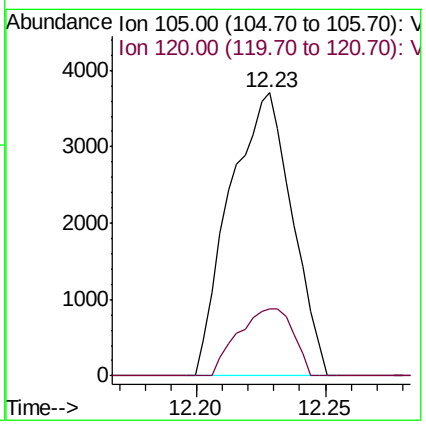


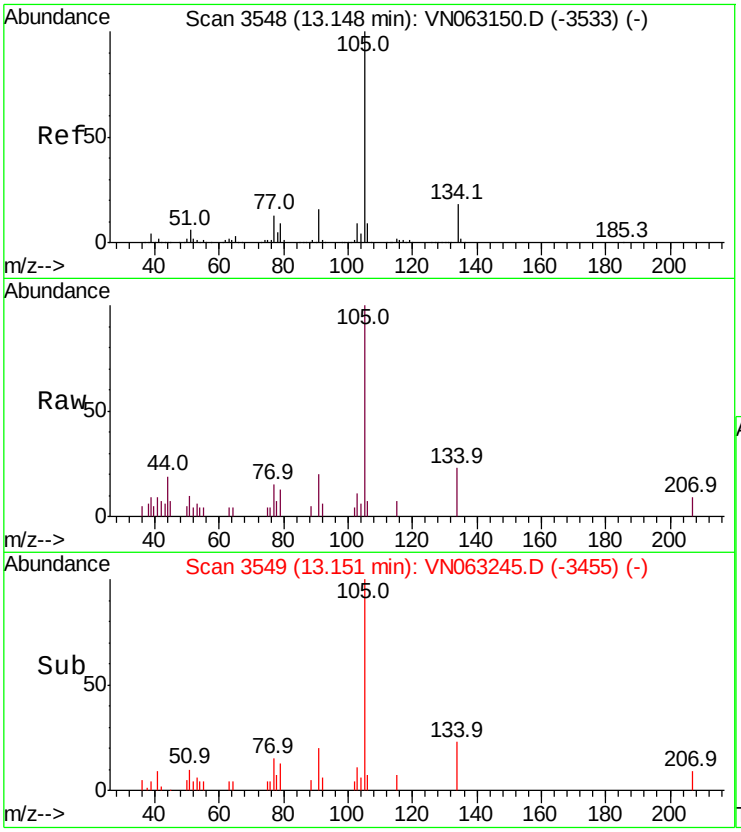




#73
Isopropylbenzene
Concen: 0.419 ug/l
RT: 12.23 min Scan# 3262
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:105 Resp: 6254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 21.0 | 12.9 | 38.6 |

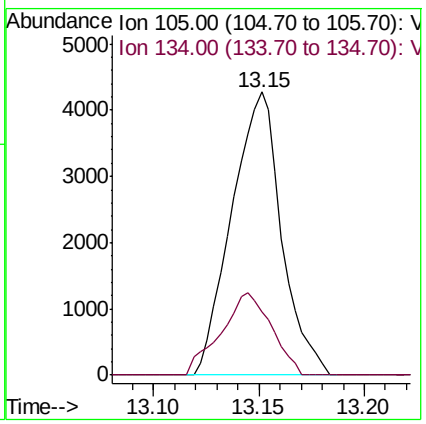





#85
sec-Butylbenzene
Concen: 0.505 ug/l
RT: 13.15 min Scan# 3549
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:105 Resp: 7017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.6 | 9.4 | 28.3# |




**Instrument :**
MSVOA_N
**ClientSampleId :**
SA-MW132I-20200901

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