

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\  
 Data File : VD067278.D  
 Acq On : 15 Oct 2020 12:49  
 Operator : VA/SY  
 Sample : L4393-05  
 Misc : 5.92G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SP-TRUCK

Quant Time: Oct 16 01:19:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 14 03:30:30 2020  
 Response via : Initial Calibration

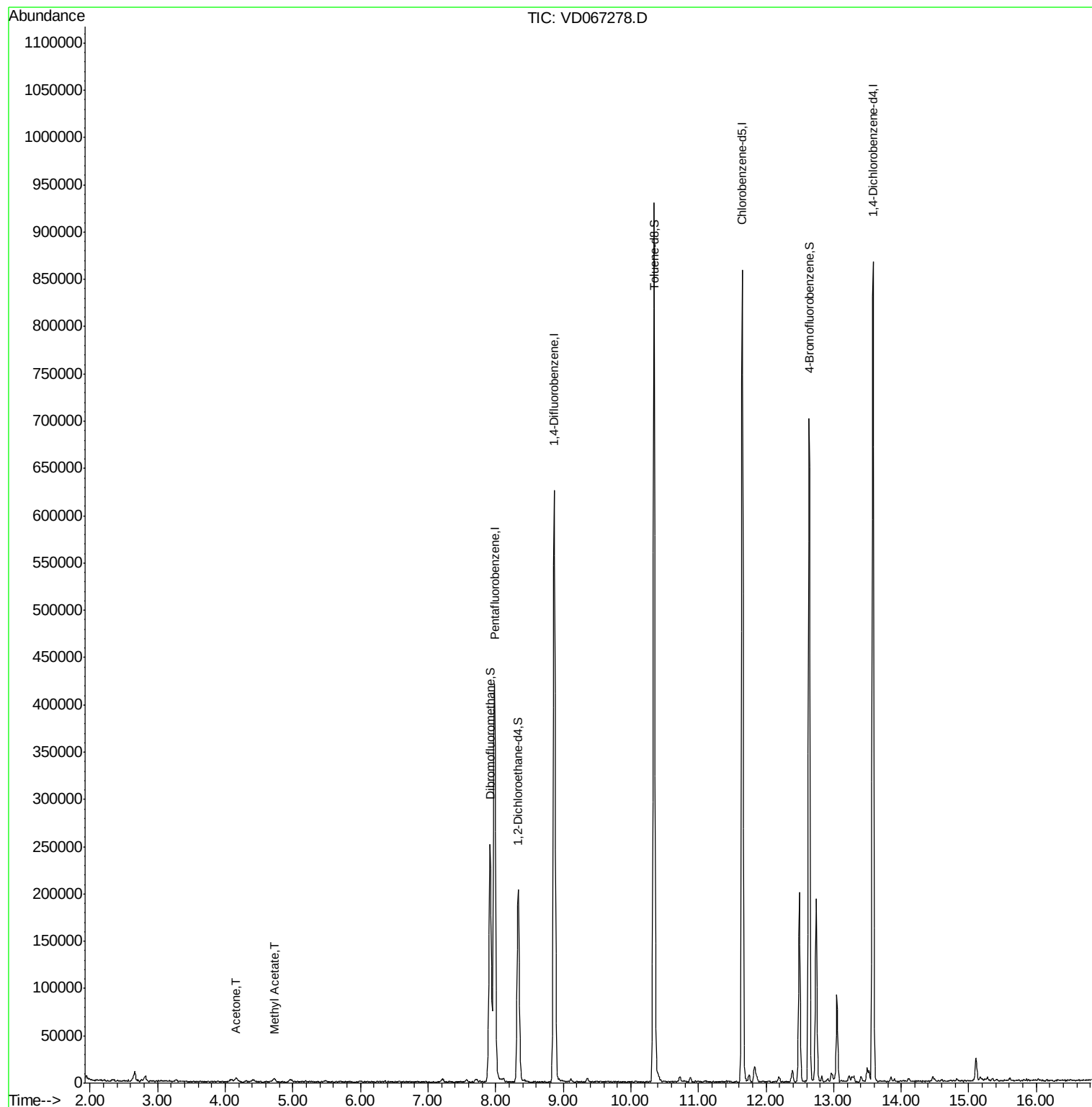
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.98  | 168  | 323635   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 555367   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.65 | 117  | 514199   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 238989   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 180228   | 55.59  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 111.18% |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 179996   | 48.70  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.40%  |          |
| 50) Toluene-d8              | 10.34 | 98   | 646869   | 48.36  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.72%  |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 227609   | 48.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.88%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.16  | 43   | 7871     | 17.334 | ug/l #  | 80       |
| 18) Methyl Acetate          | 4.72  | 43   | 4774     | 4.609  | ug/l    | 93       |

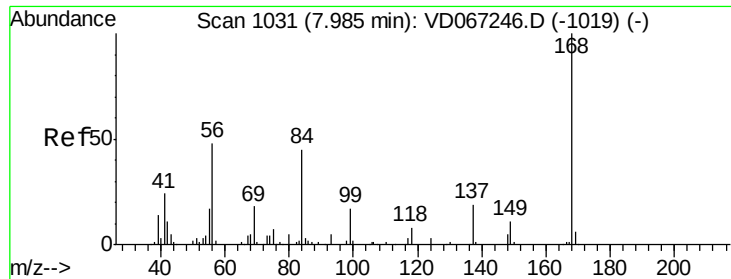
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SP-TRUCK

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 14 03:30:30 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067278.D

Acq: 15 Oct 2020 12:49

Instrument :

MSVOA\_D

ClientSampleId :

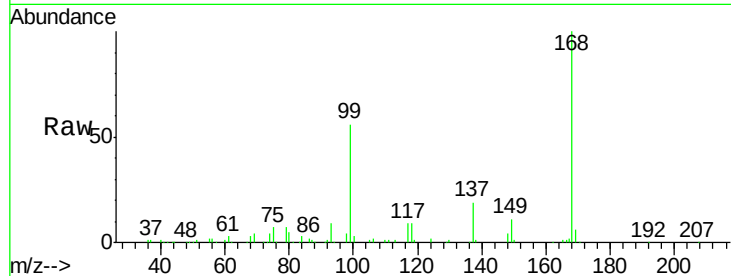
SP-TRUCK

Tot Ion:168 Resp: 323635

Ion Ratio Lower Upper

168 100

99 56.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

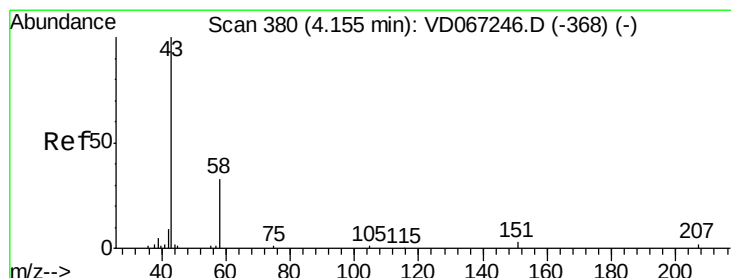
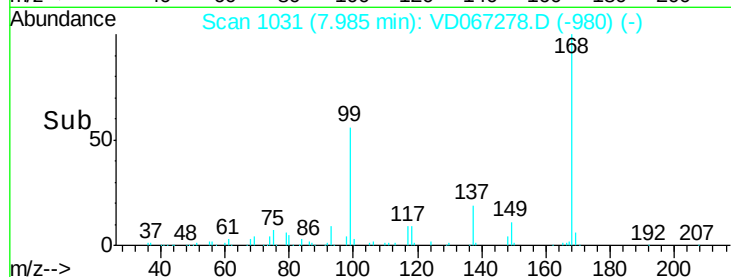
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.334 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067278.D

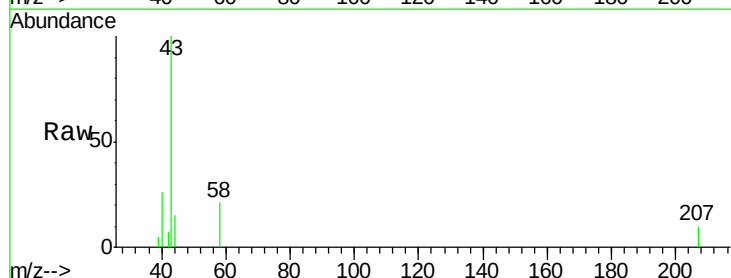
Acq: 15 Oct 2020 12:49

Tgt Ion: 43 Resp: 7871

Ion Ratio Lower Upper

43 100

58 21.3 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

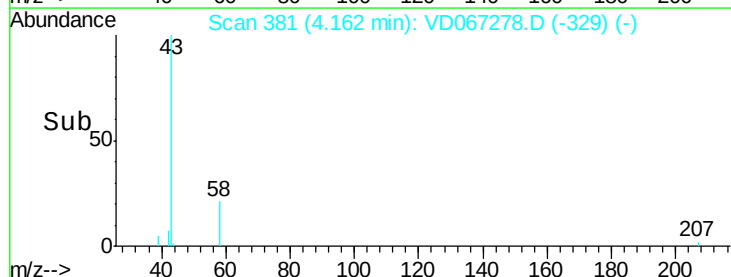
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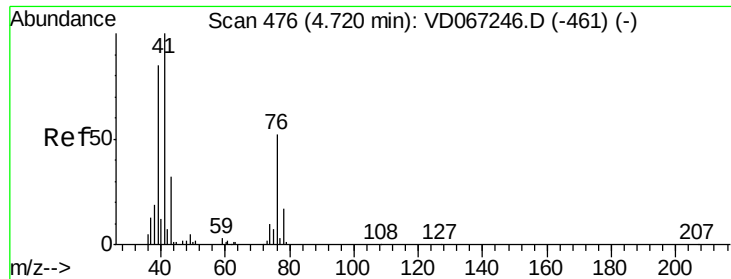
2000

1000

0

Time-->

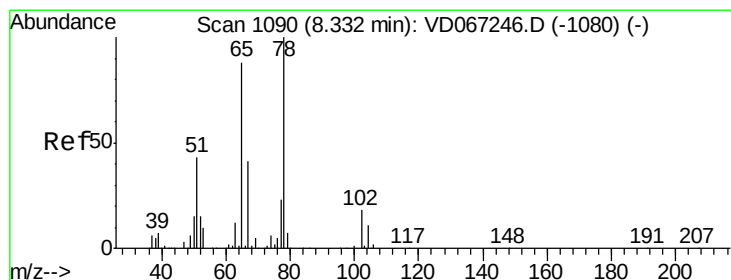
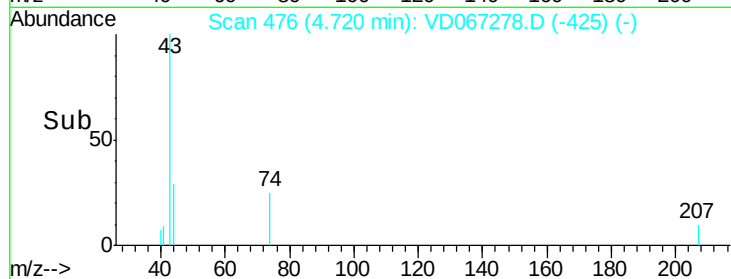
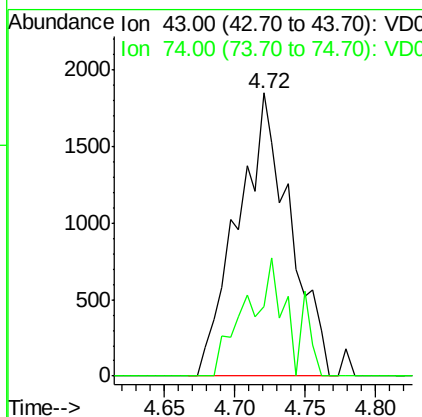
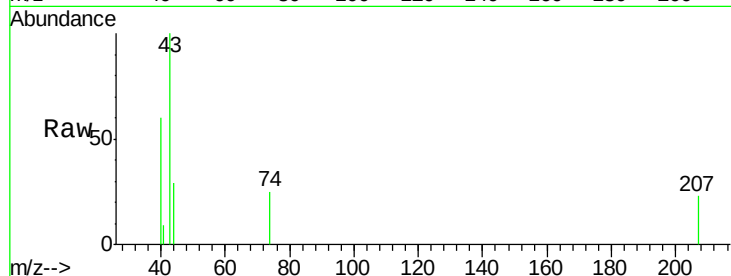




#18  
Methvl Acetate  
Concen: 4.609 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

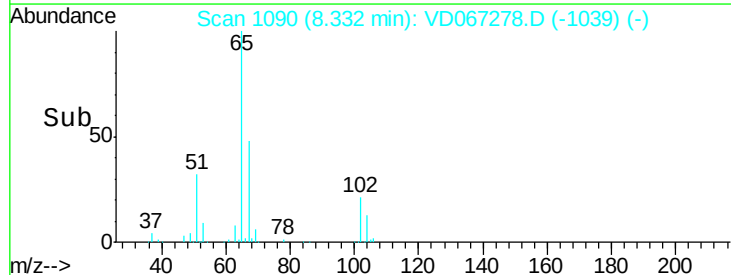
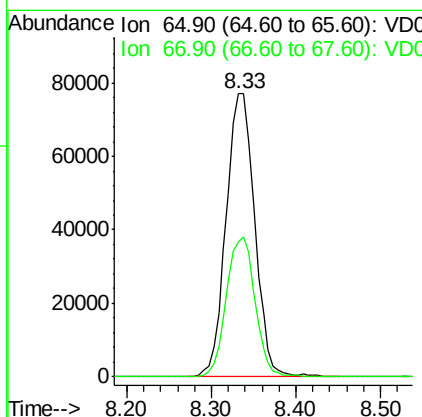
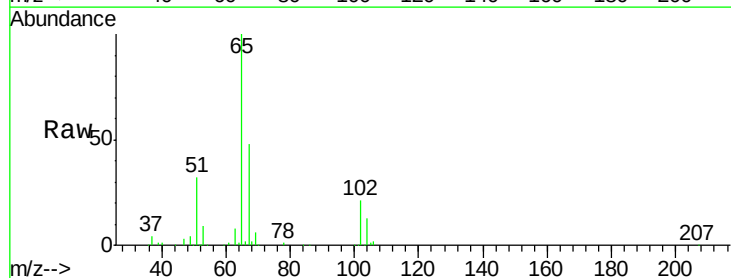
Instrument :  
MSVOA\_D  
ClientSampleId :  
SP-TRUCK

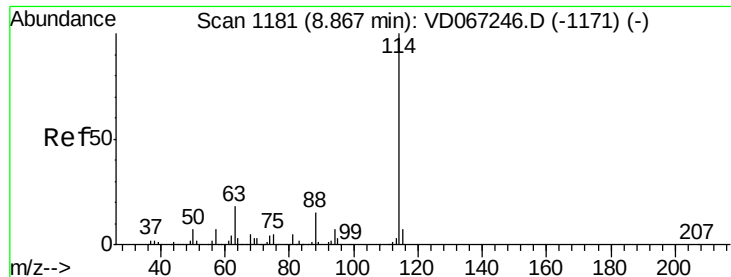
Tot Ion: 43 Resp: 4774  
Ion Ratio Lower Upper  
43 100  
74 29.2 26.6 39.8



#33  
1,2-Dichloroethane-d4  
Concen: 55.586 ug/l  
RT: 8.33 min Scan# 1090  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

Tgt Ion: 65 Resp: 180228  
Ion Ratio Lower Upper  
65 100  
67 49.3 0.0 103.8

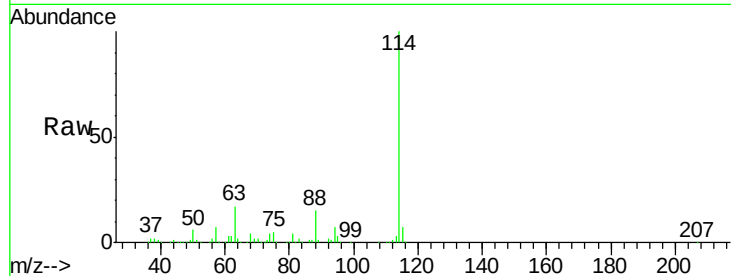




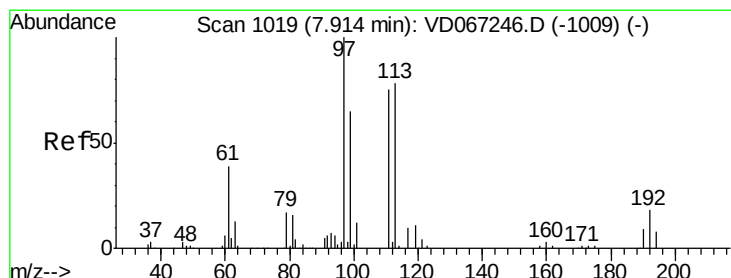
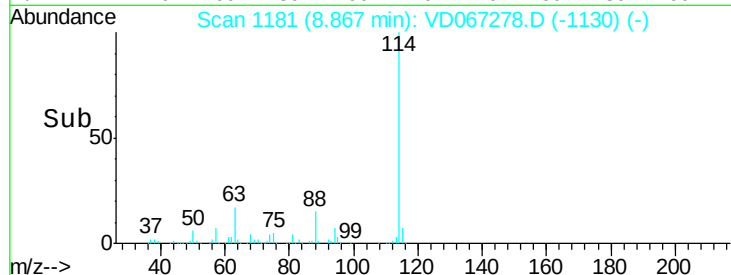
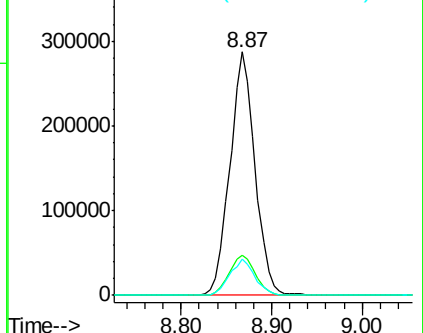
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD067278.D  
 Acq: 15 Oct 2020 12:49

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SP-TRUCK

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 16.6  | 0.0   | 35.0  |
| 88      | 14.6  | 0.0   | 30.6  |

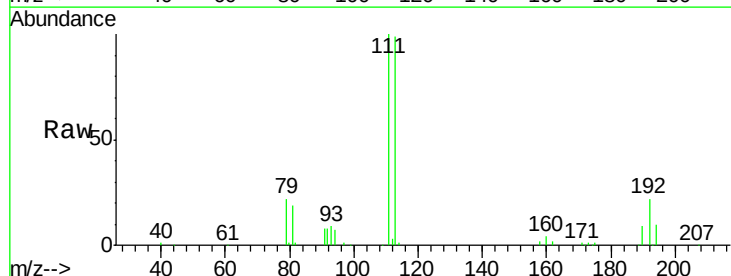


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): V  
 Ion 87.90 (87.60 to 88.60): V

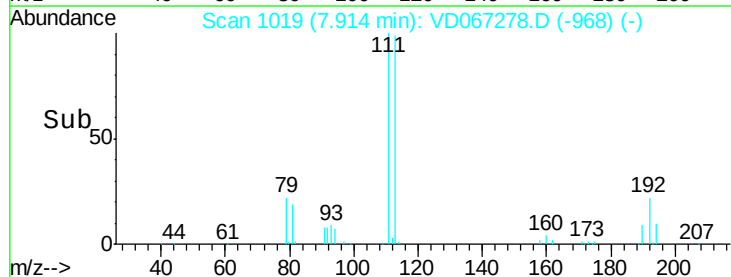
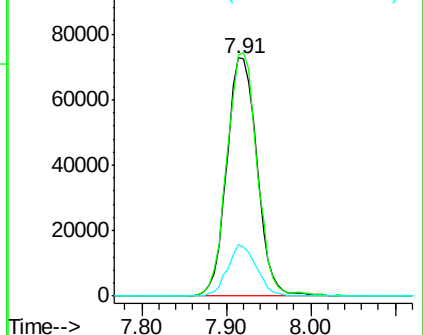


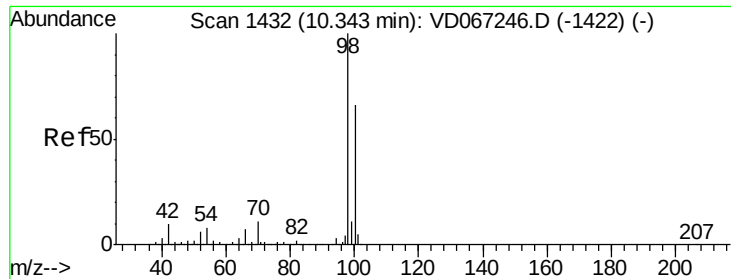
#35  
 Dibromofluoromethane  
 Concen: 48.701 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD067278.D  
 Acq: 15 Oct 2020 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.0 | 81.6  | 122.4 |
| 192     | 20.6  | 17.0  | 25.4  |



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

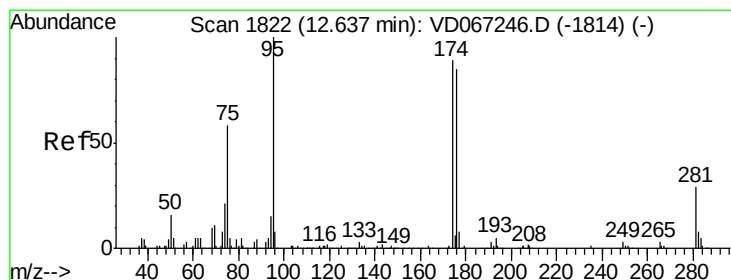
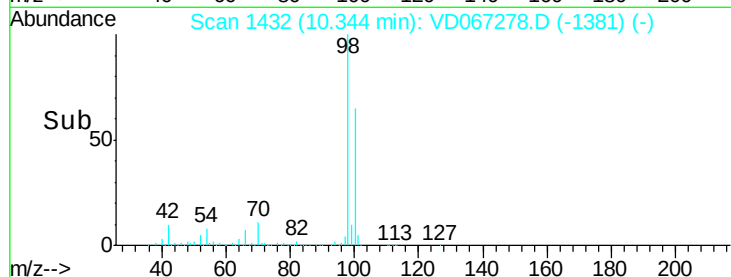
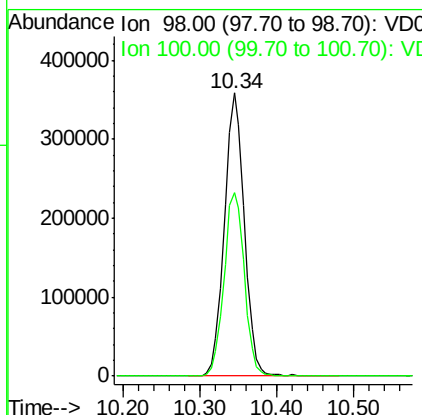
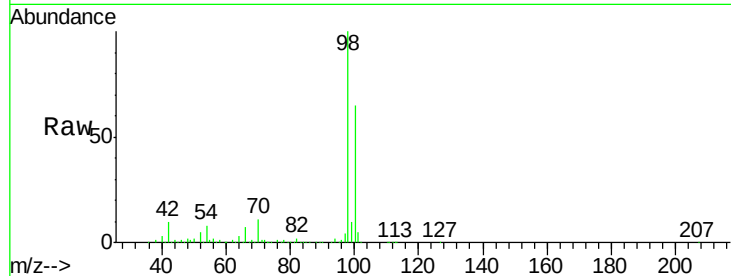




#50  
Toluene-d8  
Concen: 48.363 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

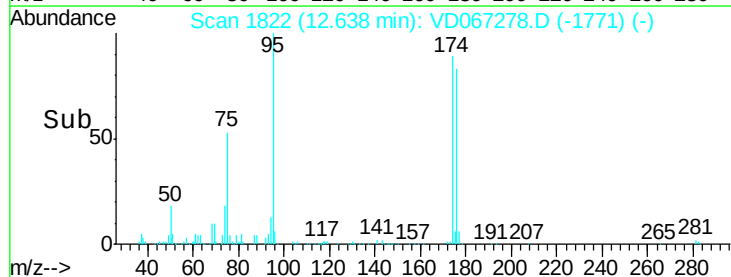
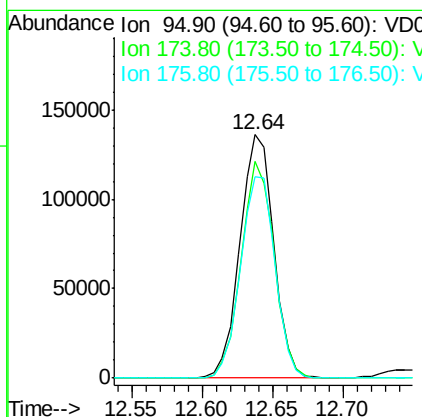
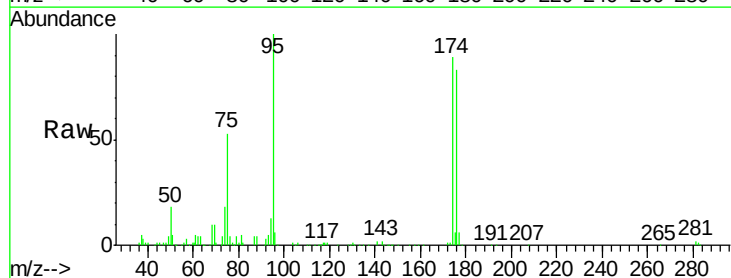
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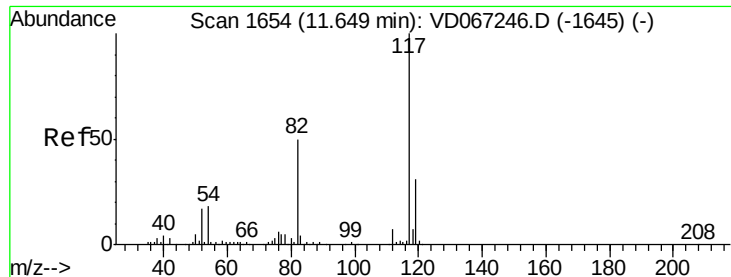
Tot Ion: 98 Resp: 646869  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 48.939 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

Tgt Ion: 95 Resp: 227609  
Ion Ratio Lower Upper  
95 100  
174 87.0 0.0 175.2  
176 85.0 0.0 168.6

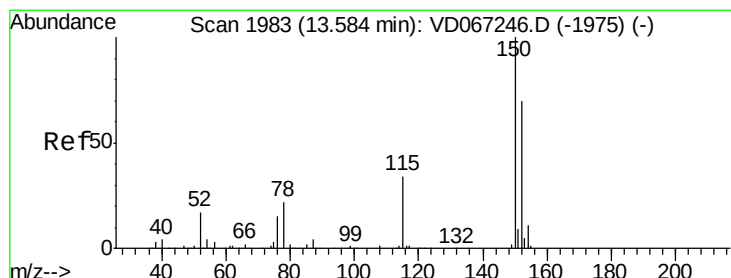
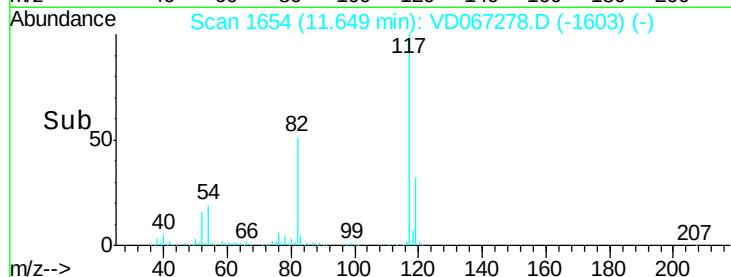
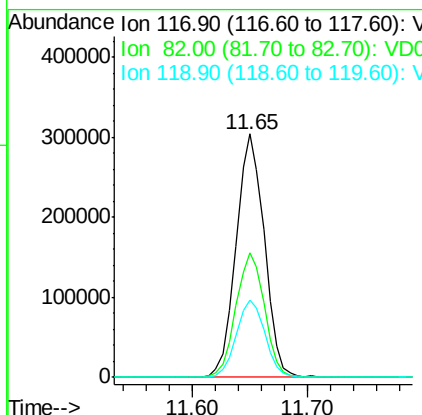
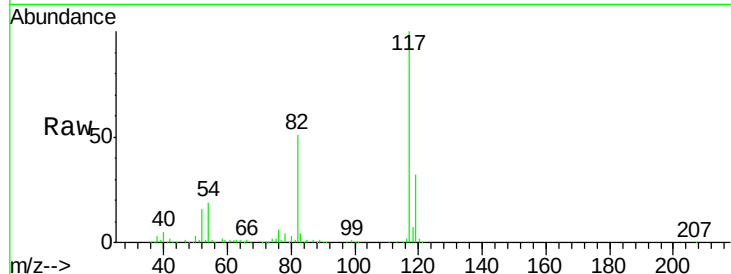




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

Instrument :  
MSVOA\_D  
ClientSampleId :  
SP-TRUCK

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.0  | 39.9  | 59.9  |
| 119     | 31.6  | 24.9  | 37.3  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: VD067278.D  
Acq: 15 Oct 2020 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.2  | 29.3  | 87.9  |
| 150     | 157.1 | 0.0   | 339.0 |

