

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\  
 Data File : VN051573.D  
 Acq On : 27 Sep 2018 10:35  
 Operator : MD\SY  
 Sample : J5074-10  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CA-SOIL-1

Quant Time: Sep 27 11:22:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092318W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 24 06:41:32 2018  
 Response via : Initial Calibration

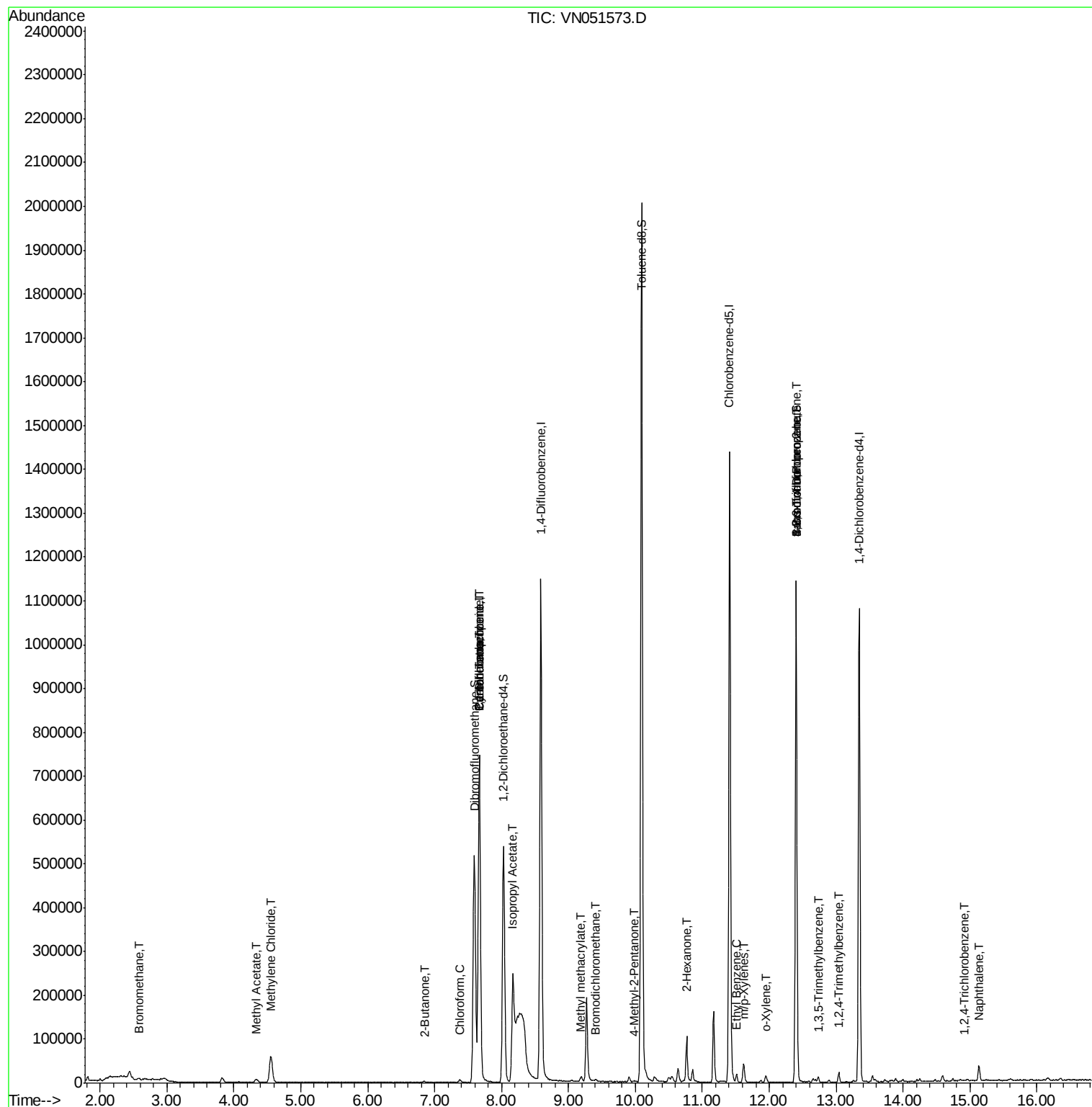
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.67   | 168  | 629609   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59   | 114  | 1042125  | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 868436   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.35  | 152  | 311990   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 460594   | 58.40     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 116.80% |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 400722   | 48.09     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 96.18%  |          |
| 50) Toluene-d8                 | 10.09  | 98   | 1452178  | 46.28     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 92.56%  |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 389846   | 38.40     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 76.80%  |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 5) Bromomethane                | 2.57   | 94   | 1268     | 0.264     | ug/l    | 91       |
| 16) Acetone                    | 3.82   | 43   | 17354    | Below Cal |         | 94       |
| 18) Methyl Acetate             | 4.33   | 43   | 15854    | 2.639     | ug/l    | 94       |
| 20) Methylene Chloride         | 4.55   | 84   | 44196    | 5.663     | ug/l    | 96       |
| 25) 2-Butanone                 | 6.85   | 43   | 3627     | 1.344     | ug/l #  | 89       |
| 30) Chloroform                 | 7.37   | 83   | 7075     | 0.527     | ug/l    | 90       |
| 31) Cyclohexane                | 7.67   | 56   | 12109    | 0.975     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 7.67   | 75   | 46880    | 3.885     | ug/l #  | 49       |
| 38) Carbon Tetrachloride       | 7.67   | 117  | 57953    | 4.591     | ug/l #  | 17       |
| 43) Isopropyl Acetate          | 8.17   | 43   | 331805   | 26.445    | ug/l #  | 87       |
| 47) Bromodichloromethane       | 9.41   | 83   | 2508     | 0.208     | ug/l #  | 79       |
| 48) Methyl methacrylate        | 9.18   | 41   | 6999     | 1.119     | ug/l #  | 23       |
| 51) 4-Methyl-2-Pentanone       | 9.99   | 43   | 1696     | 0.246     | ug/l    | 91       |
| 59) 2-Hexanone                 | 10.77  | 43   | 13456    | 3.008     | ug/l #  | 61       |
| 67) Ethyl Benzene              | 11.51  | 91   | 11911    | 0.317     | ug/l    | 99       |
| 68) m/p-Xylenes                | 11.62  | 106  | 12917    | 0.889     | ug/l    | 100      |
| 69) o-Xylene                   | 11.94  | 106  | 3924     | 0.281     | ug/l    | 90       |
| 71) Bromoform                  | 12.40  | 173  | 1649     | 0.286     | ug/l #  | 1        |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 190841   | 36.847    | ug/l #  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73  | 105  | 4839     | 0.225     | ug/l    | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 190841   | 113.303   | ug/l #  | 12       |
| 84) 1,2,4-Trimethylbenzene     | 13.04  | 105  | 11760    | 0.544     | ug/l    | 97       |
| 93) 1,2,4-Trichlorobenzene     | 14.90  | 180  | 89       | 5.995     | ug/l #  | 1        |
| 95) Naphthalene                | 15.13  | 128  | 30377    | 10.242    | ug/l    | 96       |

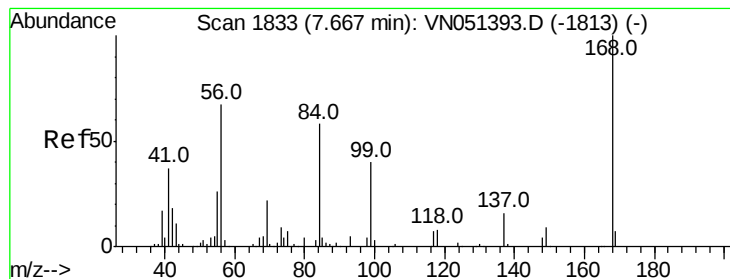
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

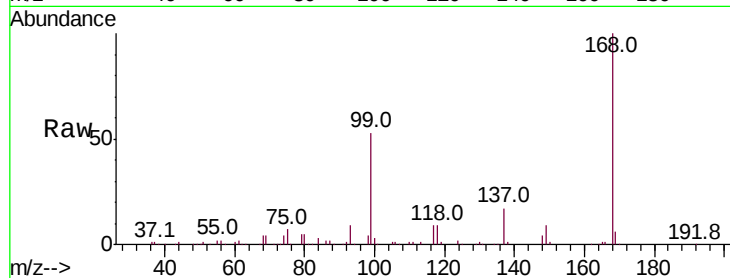
CA-SOIL-1

Tot Ion:168 Resp: 629609

Ion Ratio Lower Upper

168 100

99 52.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

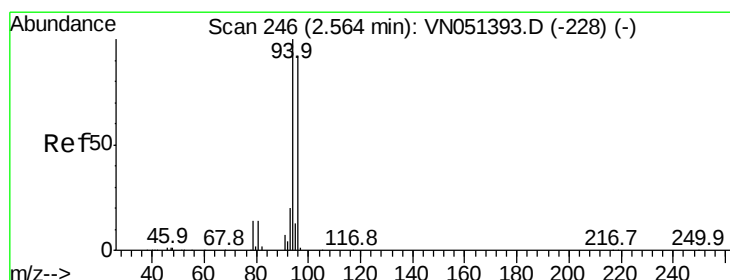
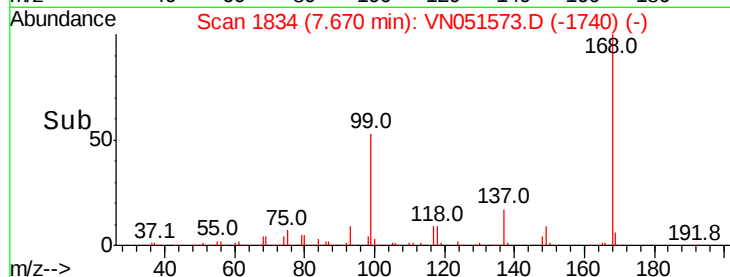
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.264 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051573.D

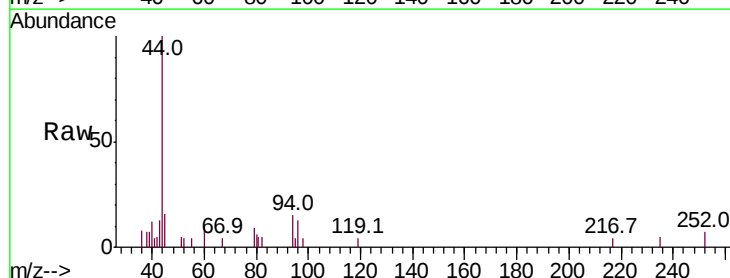
Acq: 27 Sep 2018 10:35

Tgt Ion: 94 Resp: 1268

Ion Ratio Lower Upper

94 100

96 83.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

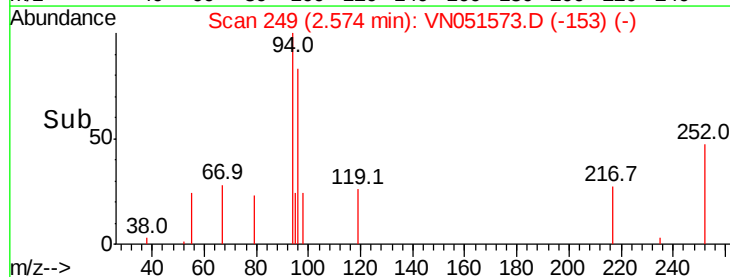
600

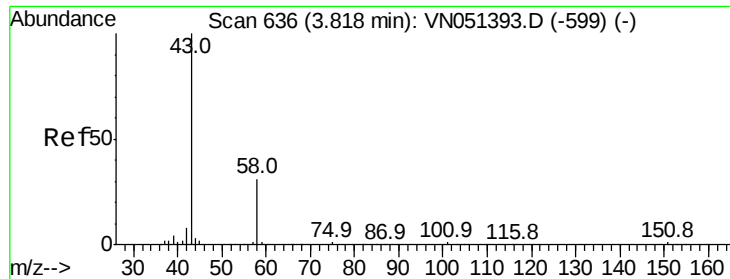
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

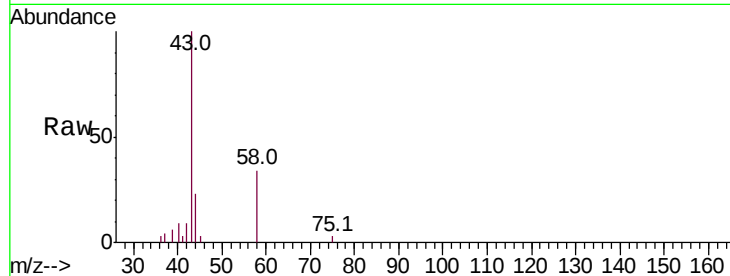
CA-SOIL-1

Tot Ion: 43 Resp: 17354

Ion Ratio Lower Upper

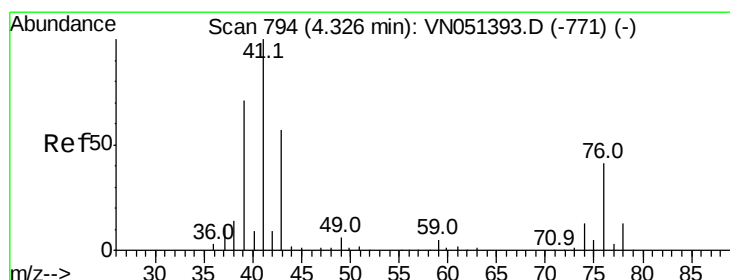
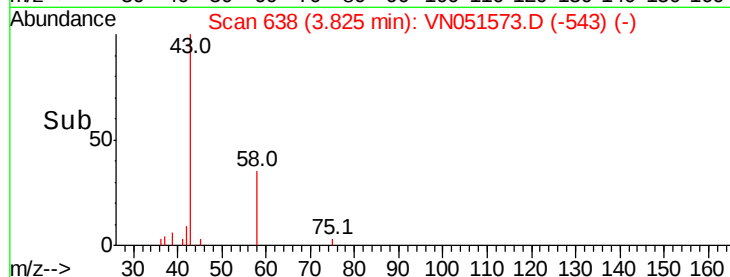
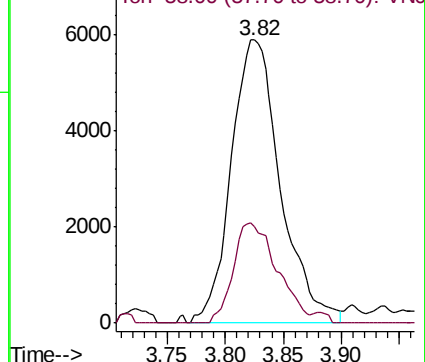
43 100

58 34.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.639 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051573.D

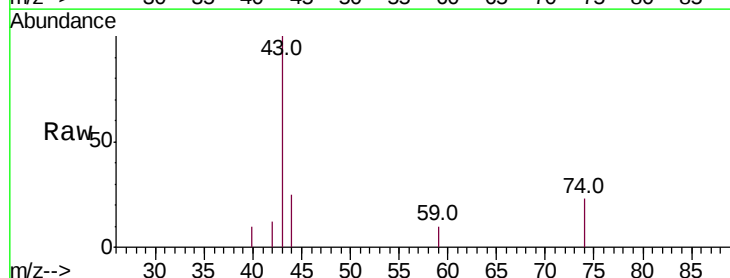
Acq: 27 Sep 2018 10:35

Tgt Ion: 43 Resp: 15854

Ion Ratio Lower Upper

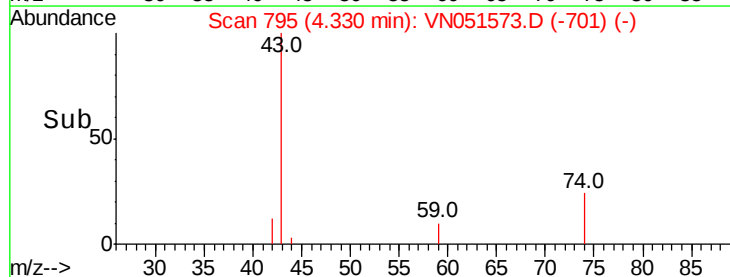
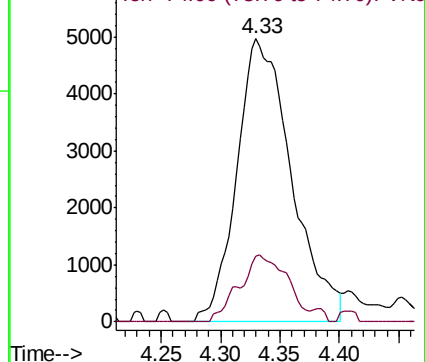
43 100

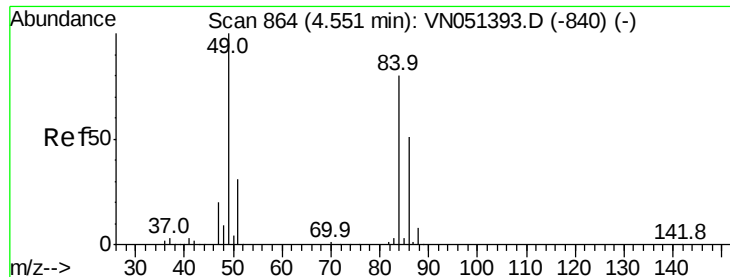
74 20.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

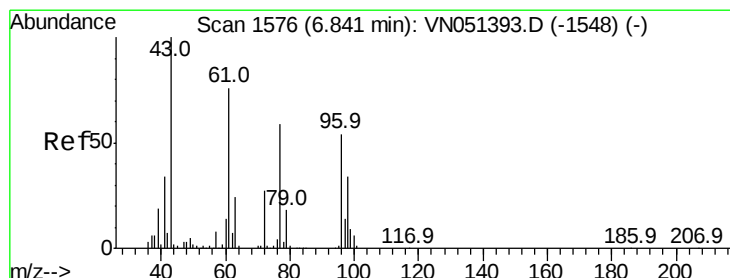
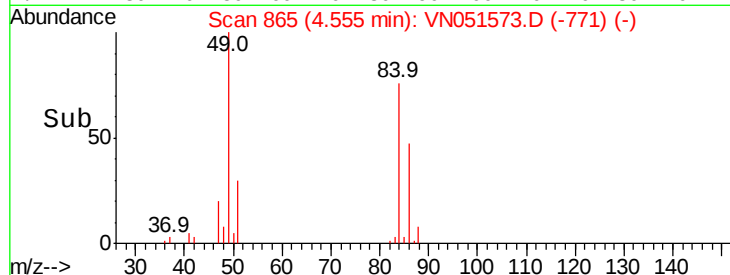
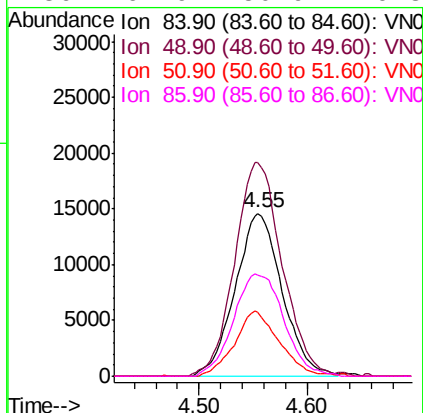
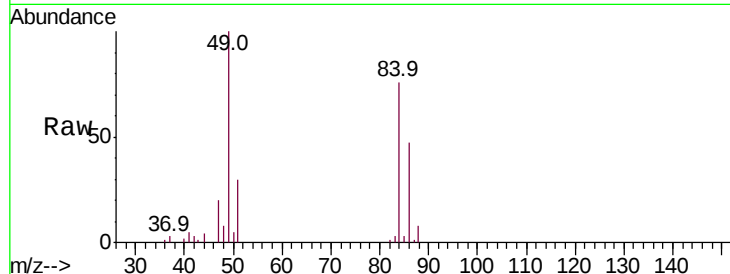




#20  
Methvlene Chloride  
Concen: 5.663 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

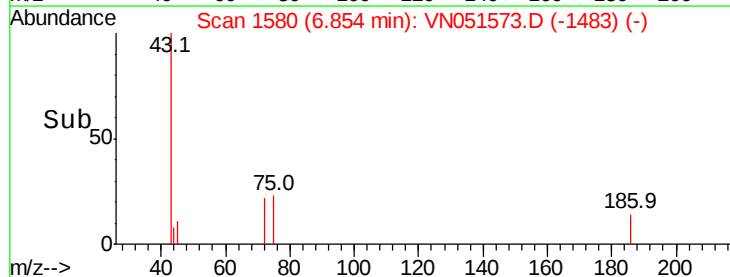
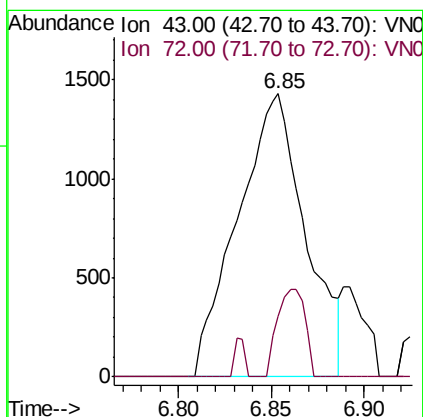
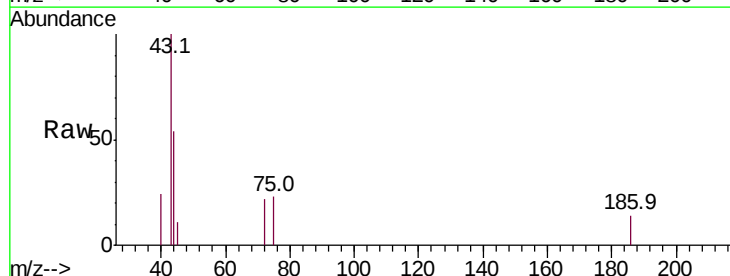
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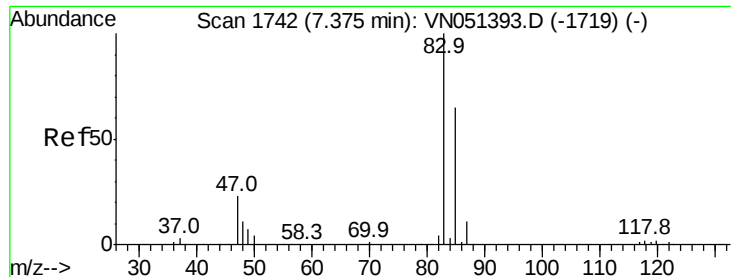
Tot Ion: 84 Resp: 44196  
Ion Ratio Lower Upper  
84 100  
49 131.3 99.9 149.9  
51 39.0 31.4 47.2  
86 61.9 50.9 76.3



#25  
2-Butanone  
Concen: 1.344 ug/l  
RT: 6.85 min Scan# 1580  
Delta R.T. 0.01 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion: 43 Resp: 3627  
Ion Ratio Lower Upper  
43 100  
72 21.6 21.8 32.6#

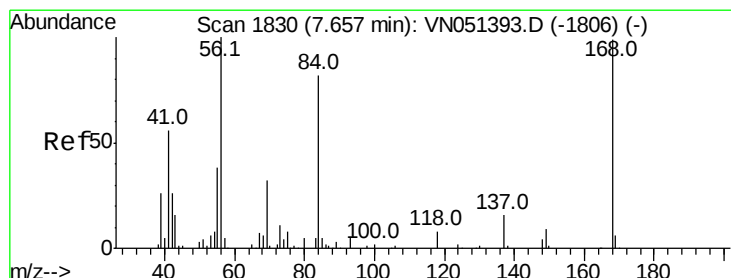
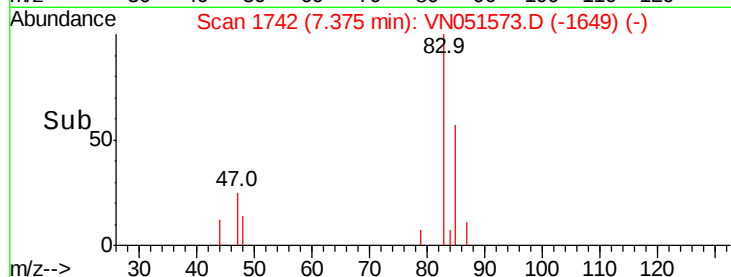
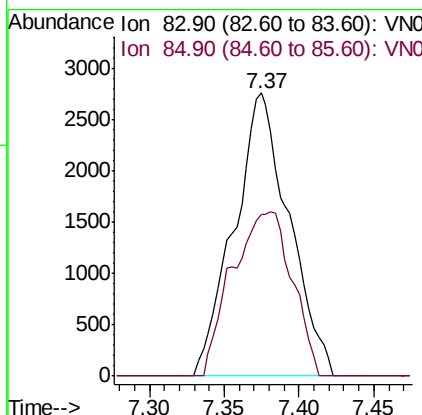
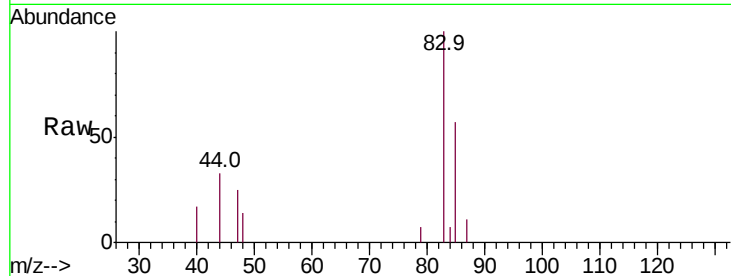




#30  
Chloroform  
Concen: 0.527 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

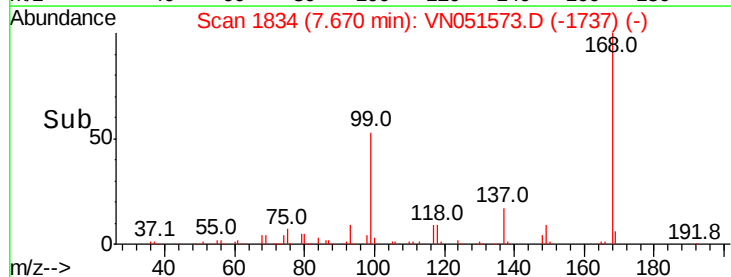
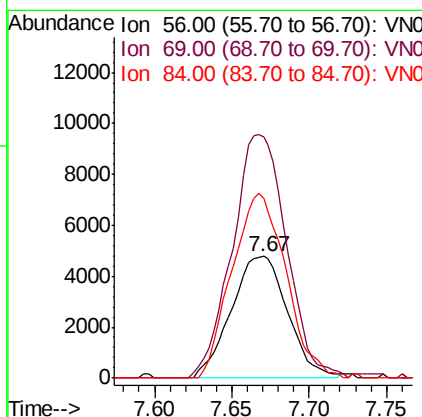
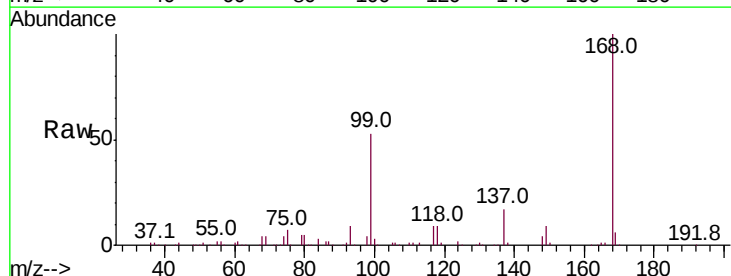
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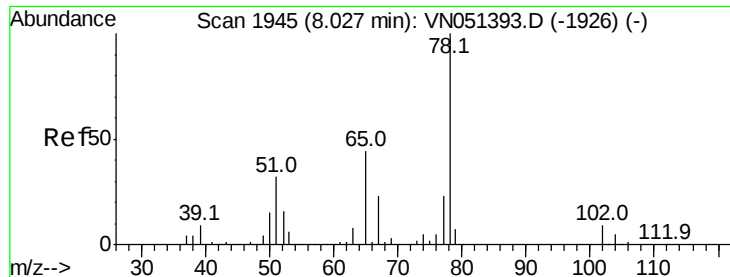
Tot Ion: 83 Resp: 7075  
Ion Ratio Lower Upper  
83 100  
85 57.1 51.8 77.6



#31  
Cyclohexane  
Concen: 0.975 ug/l  
RT: 7.67 min Scan# 1834  
Delta R.T. 0.01 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion: 56 Resp: 12109  
Ion Ratio Lower Upper  
56 100  
69 197.9 25.8 38.6#  
84 147.5 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.399 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

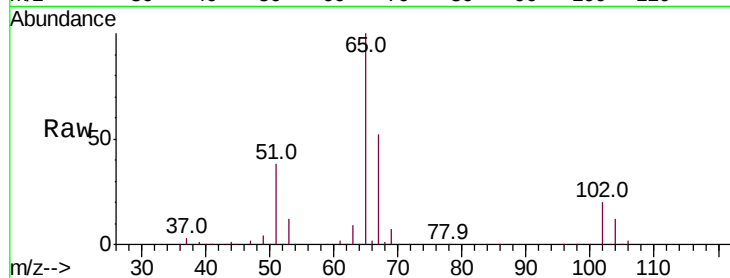
CA-SOIL-1

Tot Ion: 65 Resp: 460594

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN051393.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051393.D (-1926) (-)

8.03

200000

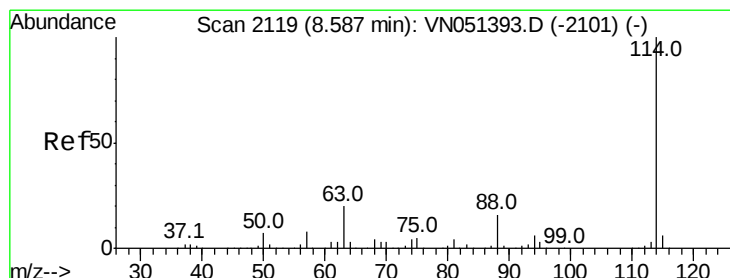
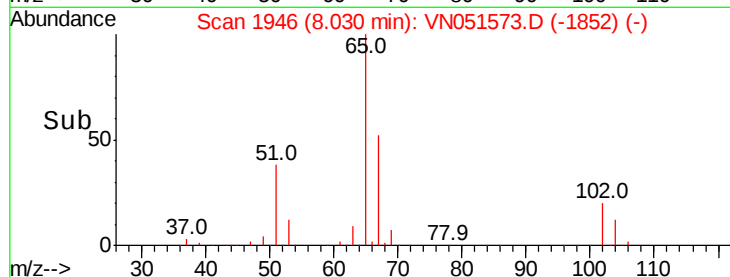
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

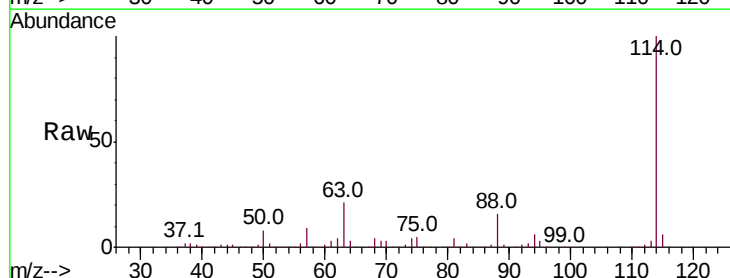
Tgt Ion:114 Resp: 1042125

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN051393.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051393.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051393.D (-2101) (-)

8.59

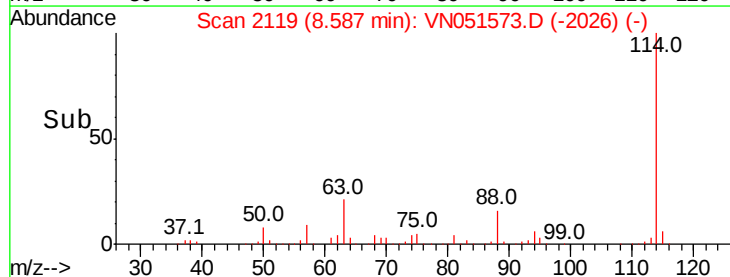
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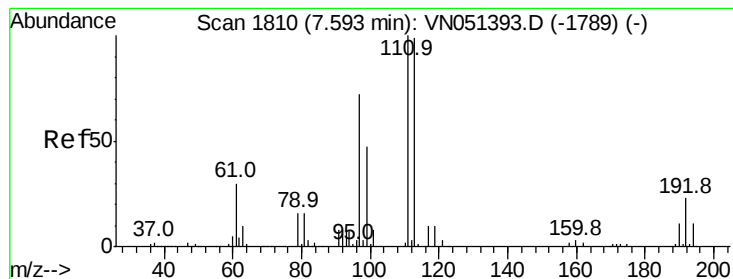
400000

200000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 48.086 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

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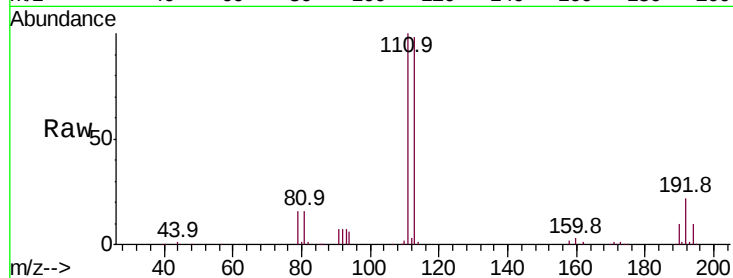
Tot Ion:113 Resp: 400722

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

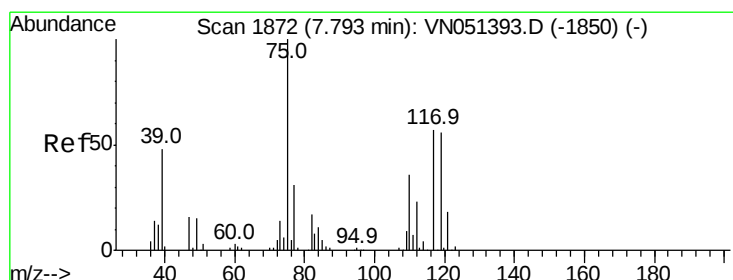
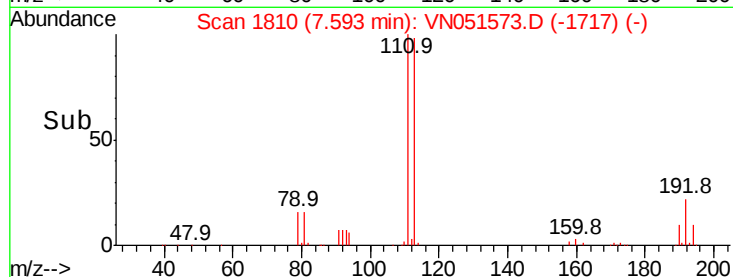
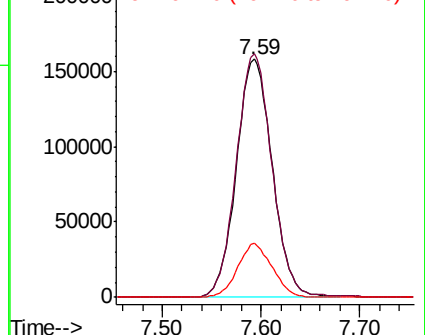
192 21.7 18.0 27.0



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



#36

1,1-Dichloropropene

Concen: 3.885 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

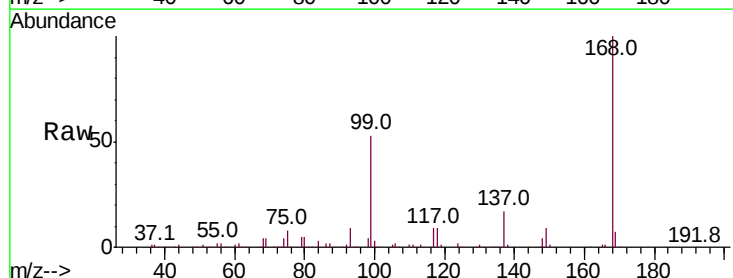
Tgt Ion: 75 Resp: 46880

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

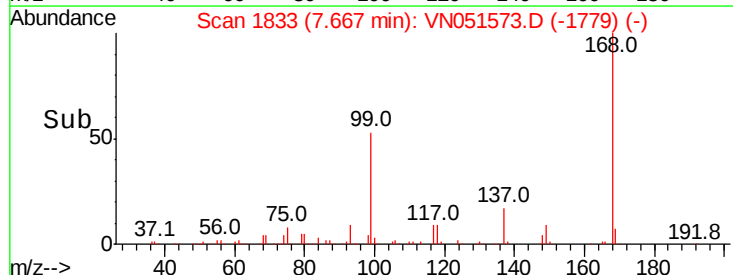
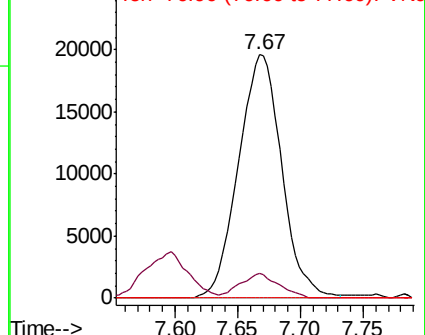
77 0.0 25.6 38.4#

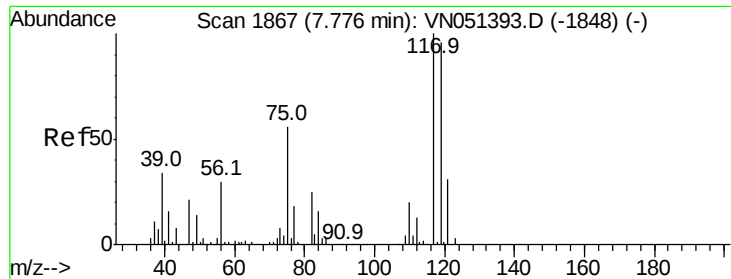


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.591 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

CA-SOIL-1

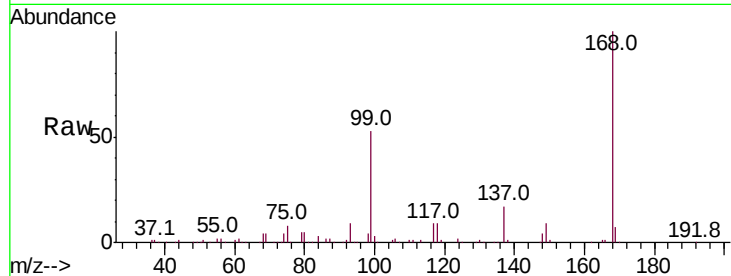
Tot Ion:117 Resp: 57953

Ion Ratio Lower Upper

117 100

119 6.3 76.9 115.3#

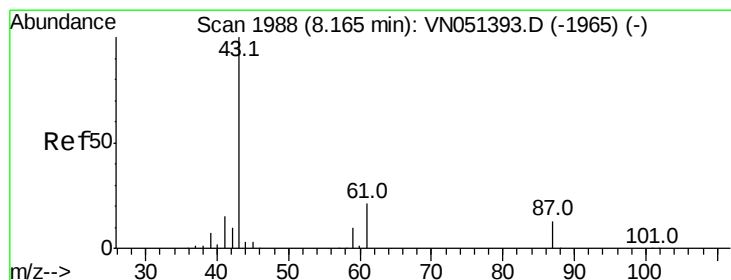
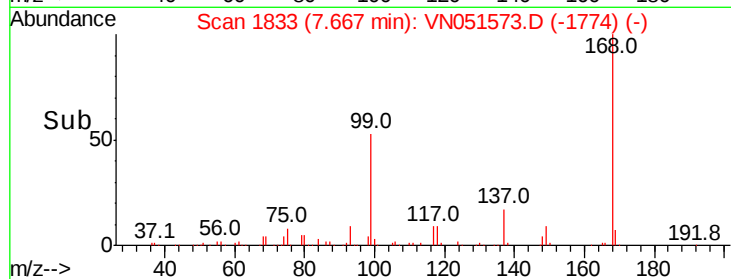
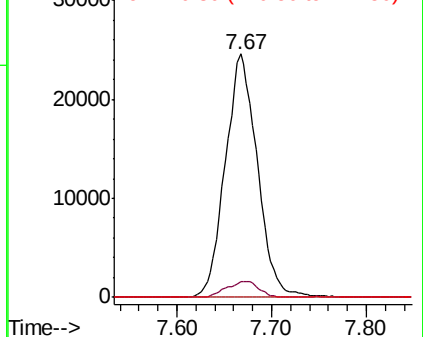
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 26.445 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

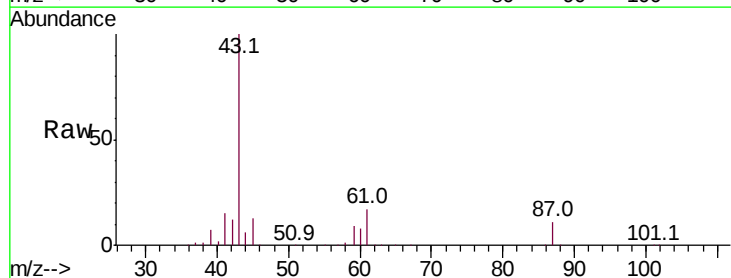
Tgt Ion: 43 Resp: 331805

Ion Ratio Lower Upper

43 100

61 14.4 16.8 25.2#

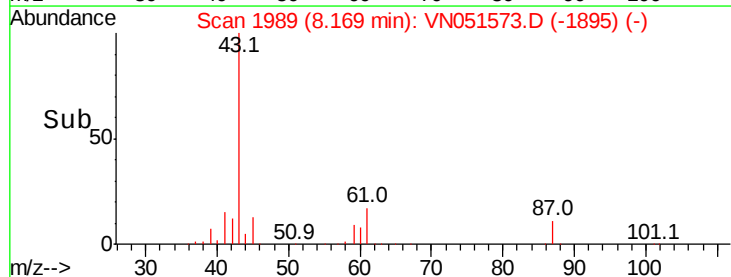
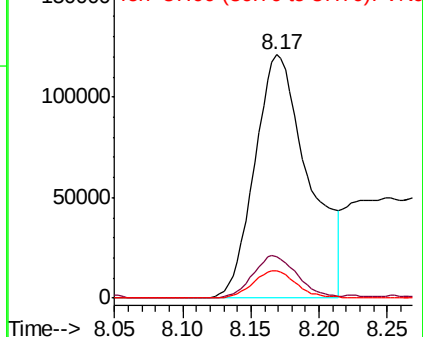
87 9.2 10.7 16.1#

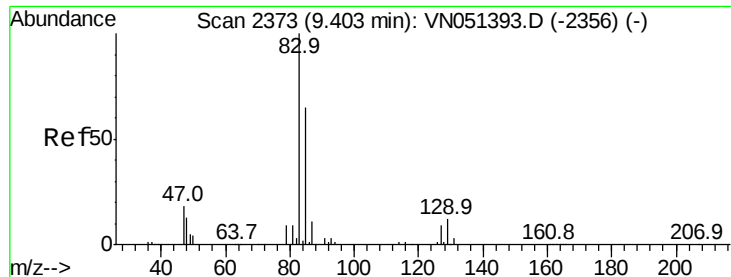


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.208 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampled :

CA-SOIL-1

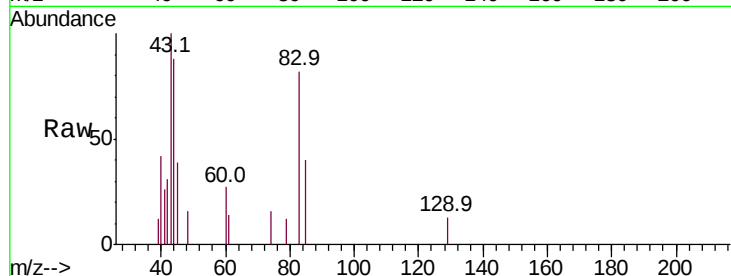
Tot Ion: 83 Resp: 2508

Ion Ratio Lower Upper

83 100

85 49.0 51.8 77.6#

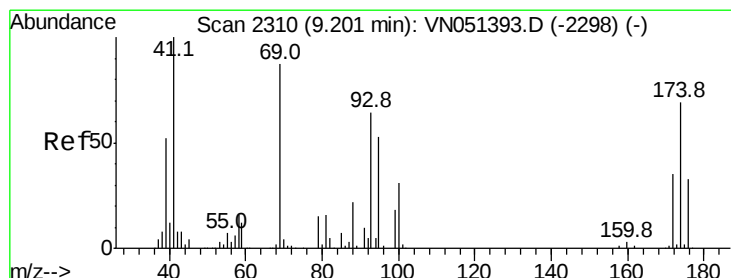
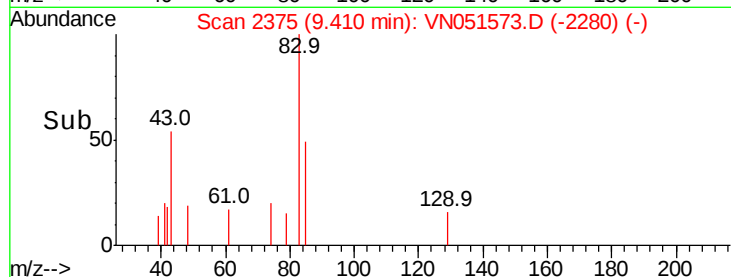
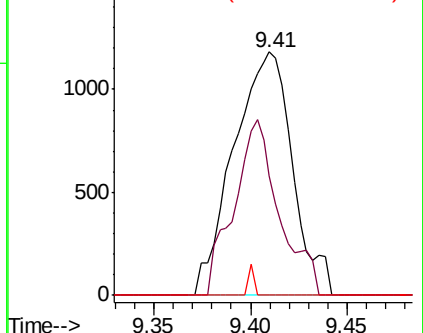
127 0.0 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.119 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

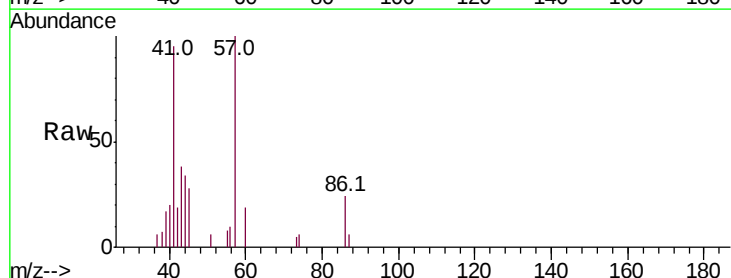
Tgt Ion: 41 Resp: 6999

Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

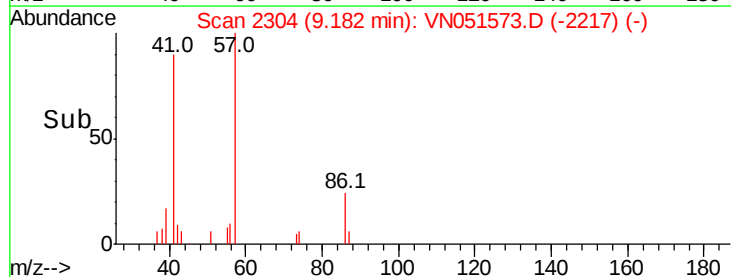
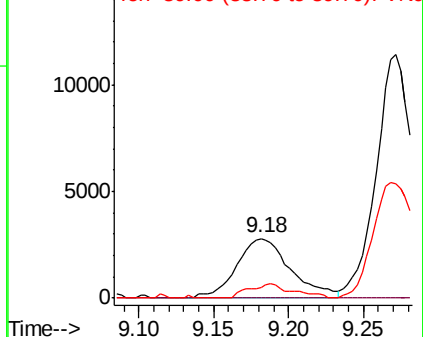
39 19.5 43.8 65.8#

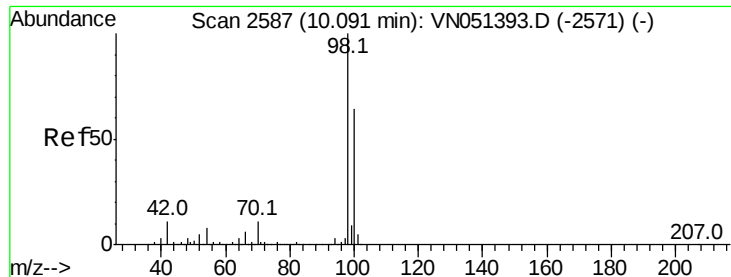


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

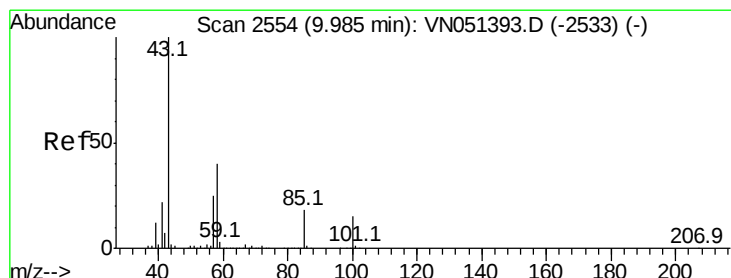
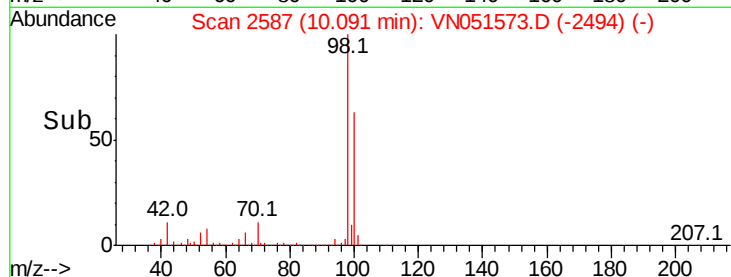
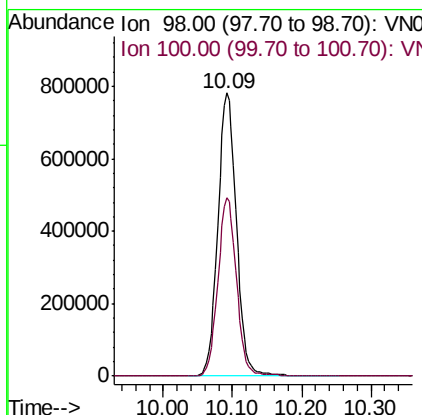
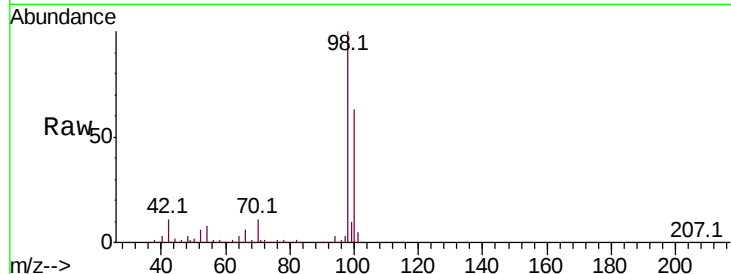




#50  
Toluene-d8  
Concen: 46.276 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

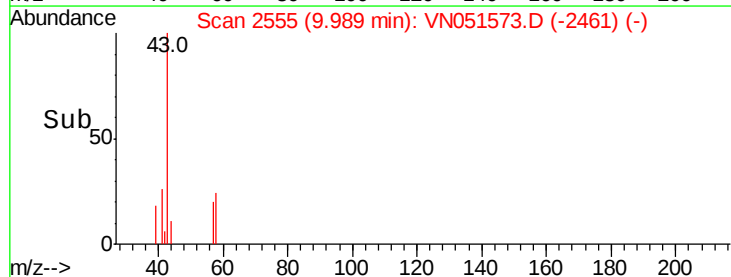
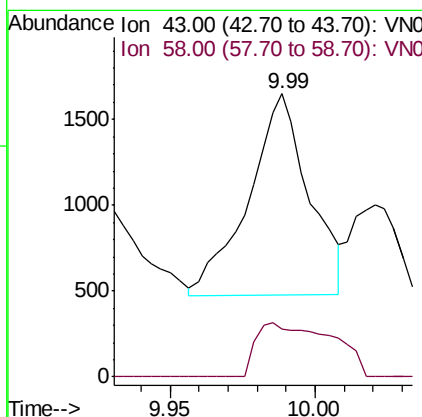
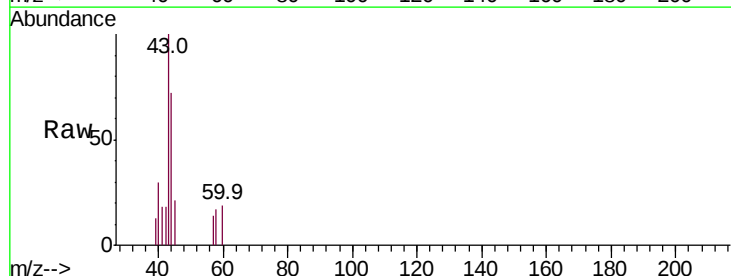
Instrument :  
MSVOA\_N  
ClientSampled :  
CA-SOIL-1

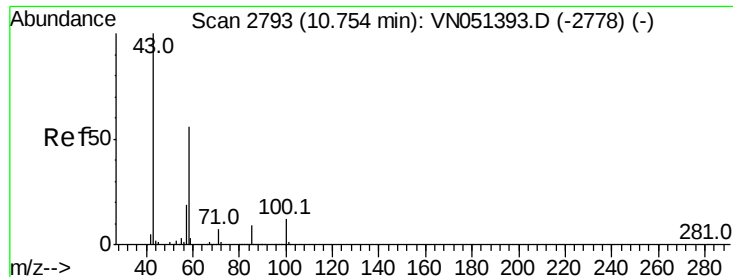
Tot Ion: 98 Resp: 1452178  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.6 75.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.246 ug/l  
RT: 9.99 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion: 43 Resp: 1696  
Ion Ratio Lower Upper  
43 100  
58 33.8 31.5 47.3

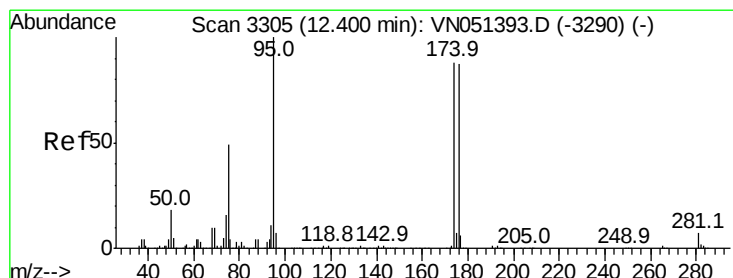
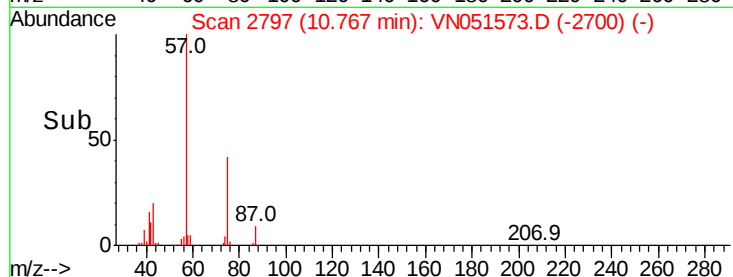
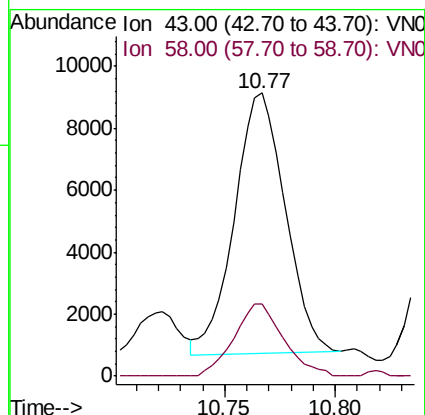
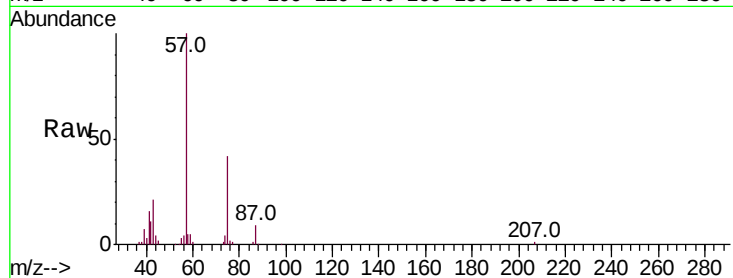




#59  
2-Hexanone  
Concen: 3.008 ug/l  
RT: 10.77 min Scan# 2797  
Delta R.T. 0.01 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

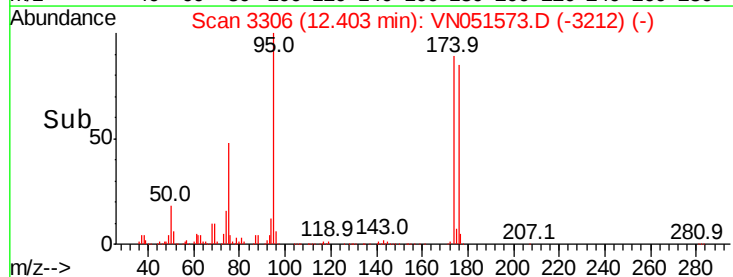
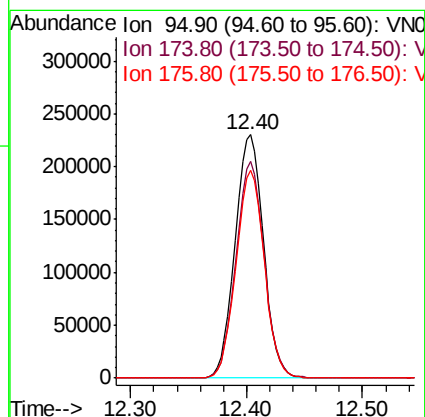
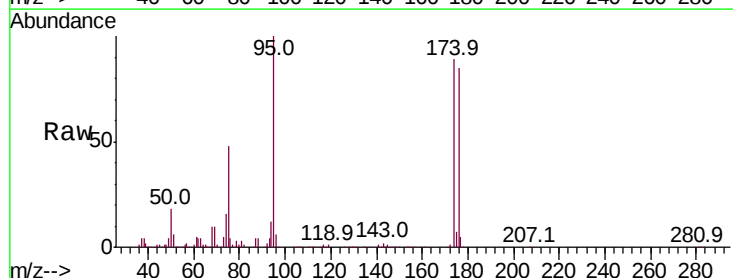
Instrument :  
MSVOA\_N  
ClientSampled :  
CA-SOIL-1

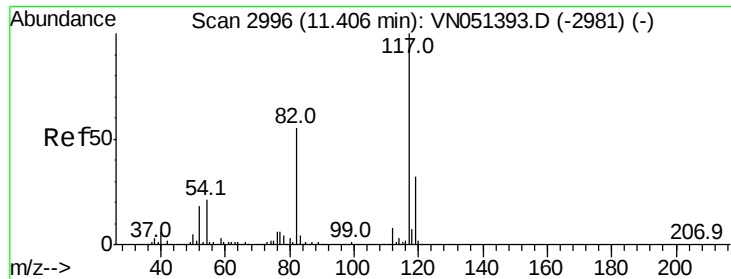
Tot Ion: 43 Resp: 13456  
Ion Ratio Lower Upper  
43 100  
58 26.9 27.7 83.0#



#62  
4-Bromofluorobenzene  
Concen: 38.403 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion: 95 Resp: 389846  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 181.6  
176 85.2 0.0 176.4

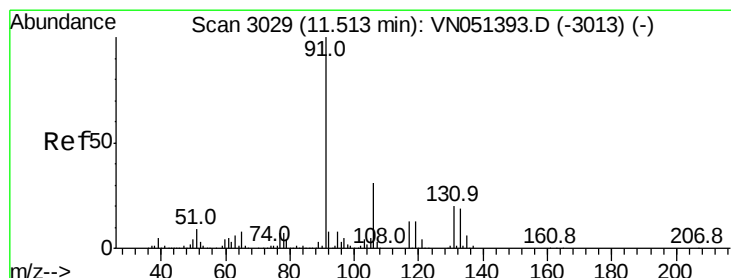
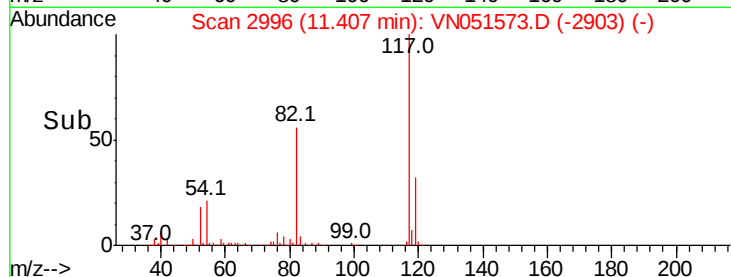
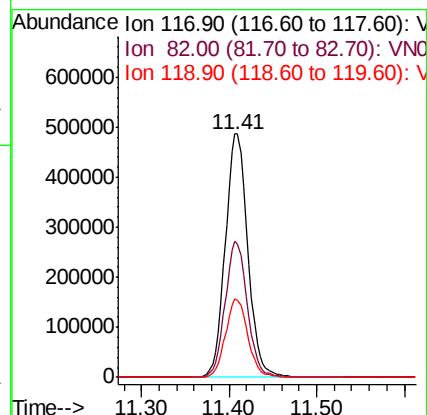
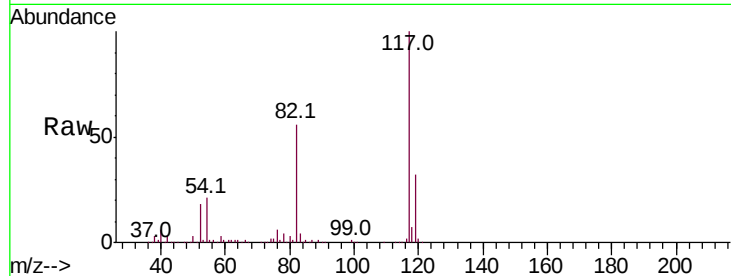




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

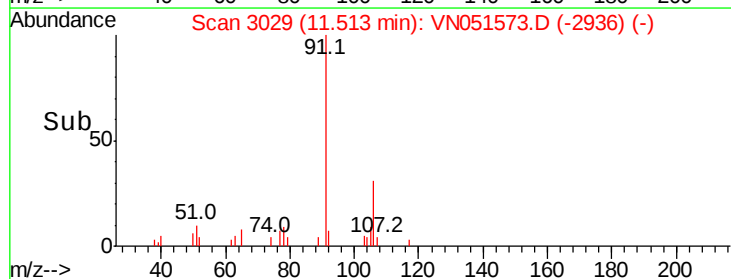
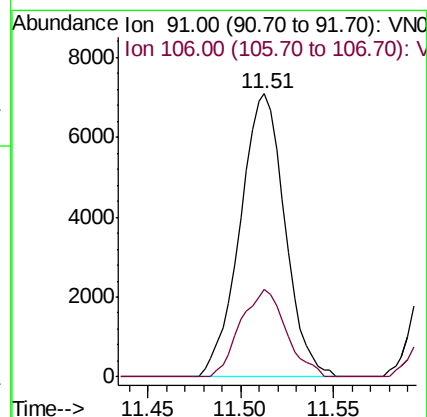
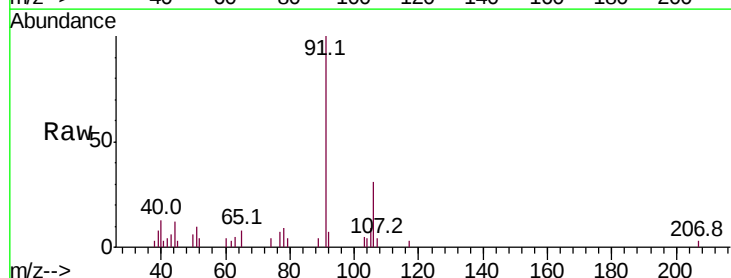
Instrument :  
MSVOA\_N  
ClientSampled :  
CA-SOIL-1

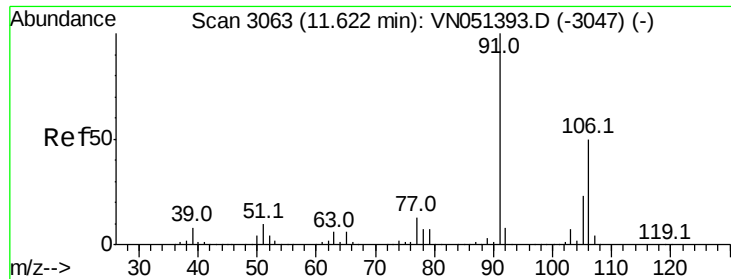
Tot Ion:117 Resp: 868436  
Ion Ratio Lower Upper  
117 100  
82 55.8 44.2 66.2  
119 32.1 25.9 38.9



#67  
Ethyl Benzene  
Concen: 0.317 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion: 91 Resp: 11911  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.0 37.4

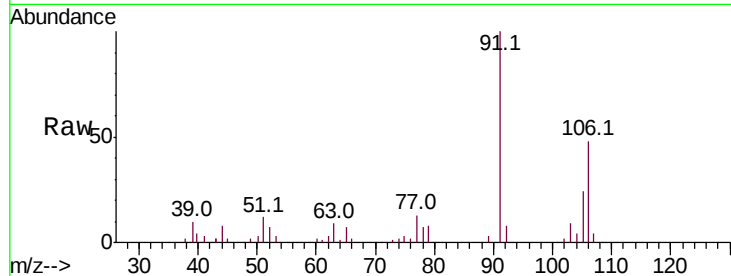




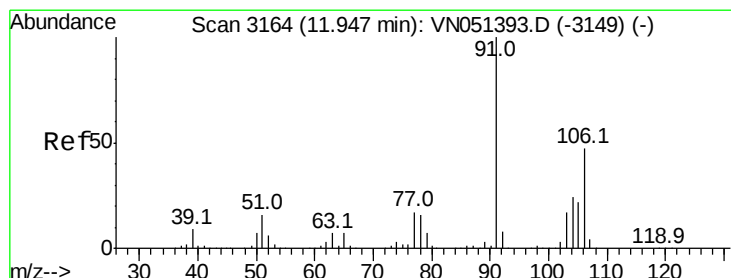
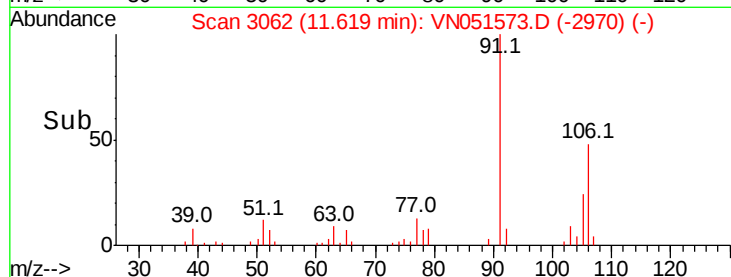
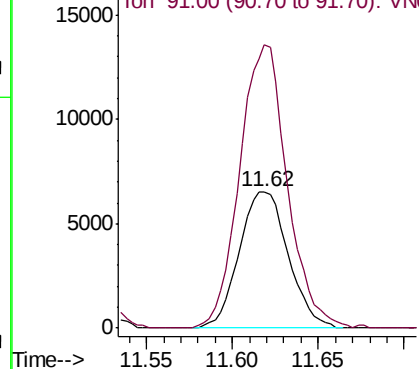
#68  
m/p-Xylenes  
Concen: 0.889 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Instrument :  
MSVOA\_N  
ClientSampled :  
CA-SOIL-1

Tot Ion:106 Resp: 12917  
Ion Ratio Lower Upper  
106 100  
91 201.7 161.3 241.9

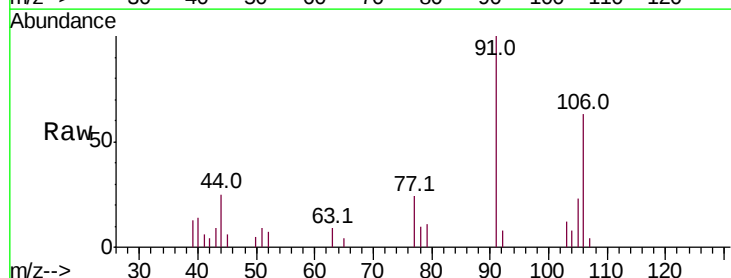


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

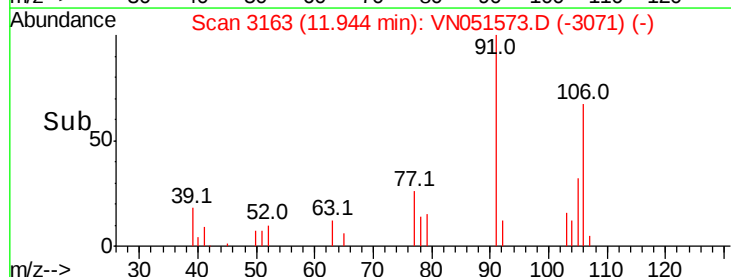
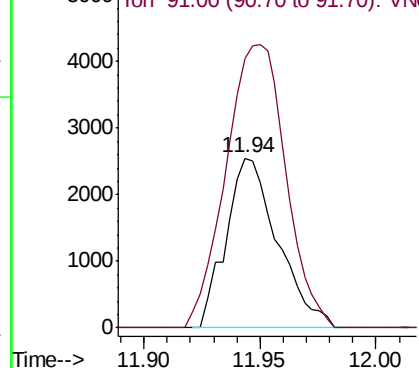


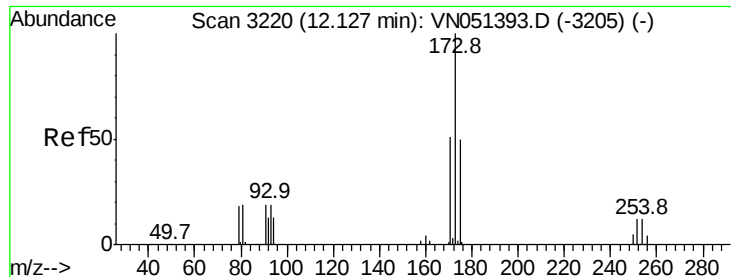
#69  
o-Xylene  
Concen: 0.281 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. -0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion:106 Resp: 3924  
Ion Ratio Lower Upper  
106 100  
91 194.5 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.286 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

CA-SOIL-1

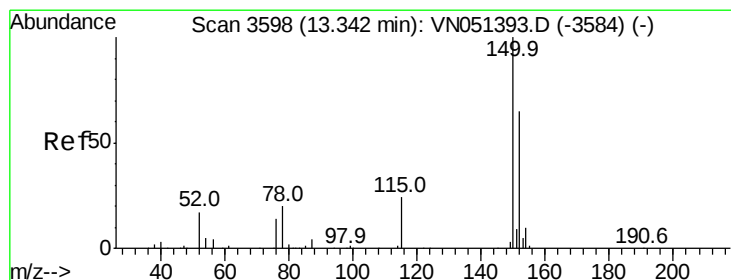
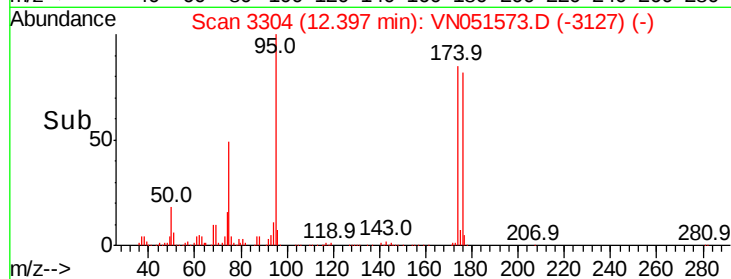
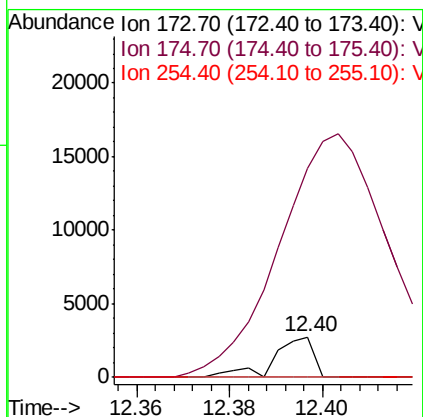
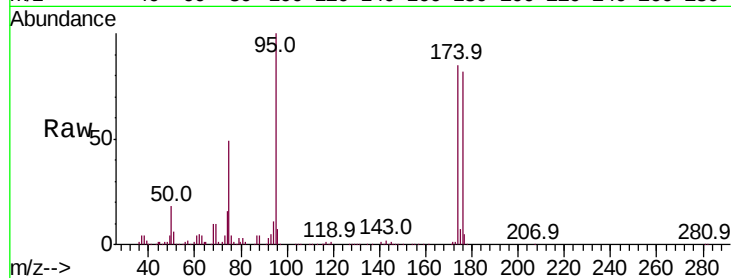
Tot Ion:173 Resp: 1649

Ion Ratio Lower Upper

173 100

175 1405.7 24.8 74.3#

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

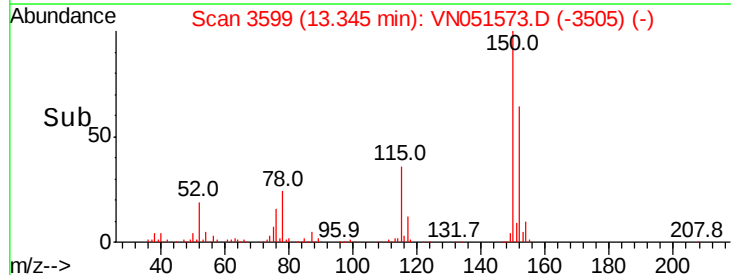
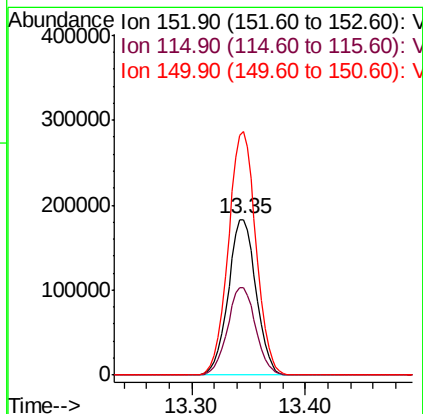
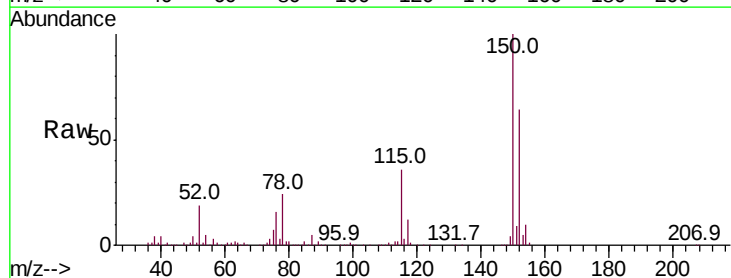
Tgt Ion:152 Resp: 311990

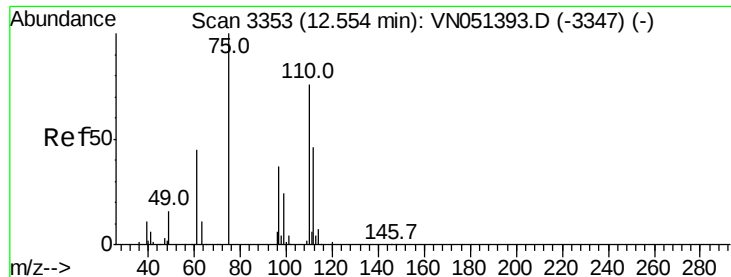
Ion Ratio Lower Upper

152 100

115 57.2 28.3 84.9

150 155.2 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 36.847 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampled :

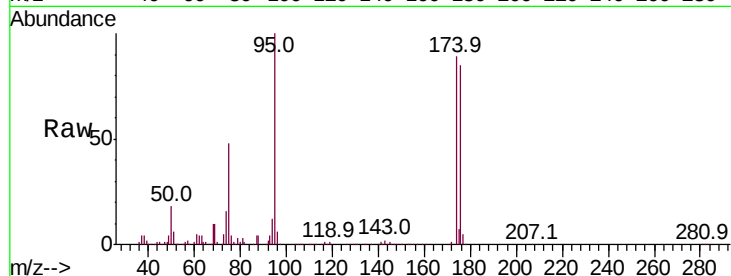
CA-SOIL-1

Tot Ion: 75 Resp: 190841

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN051393.D (-3347) (-)

12.40

120000

100000

80000

60000

40000

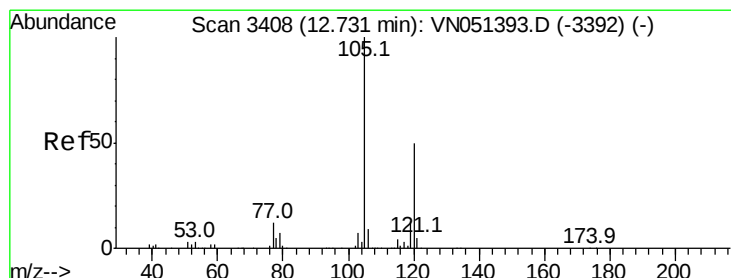
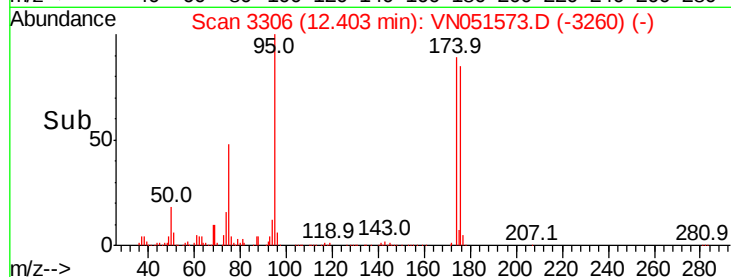
20000

0

12.40

12.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.225 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051573.D

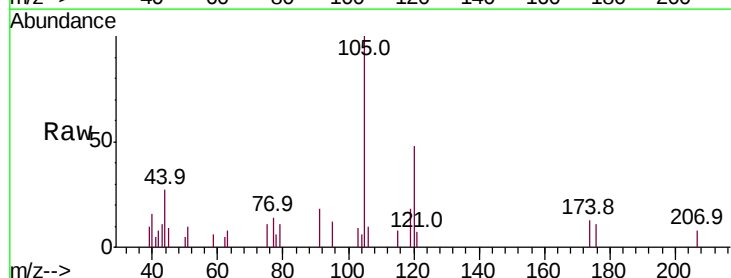
Acq: 27 Sep 2018 10:35

Tgt Ion:105 Resp: 4839

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-3392) (-)

12.73

3000

2000

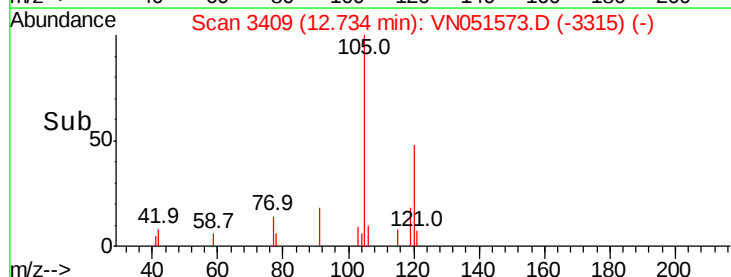
1000

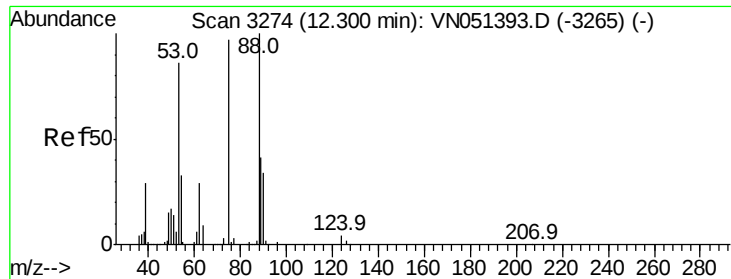
0

12.70

12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 113.303 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051573.D

Acq: 27 Sep 2018 10:35

Instrument :

MSVOA\_N

ClientSampleId :

CA-SOIL-1

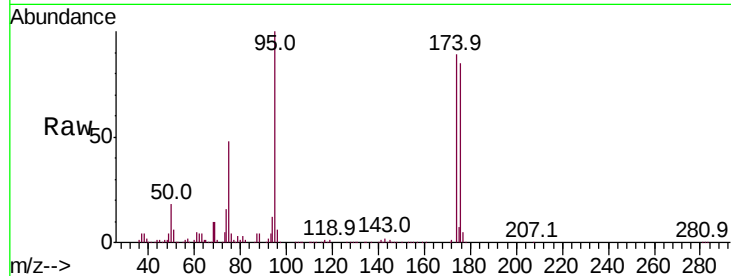
Tot Ion: 75 Resp: 190841

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

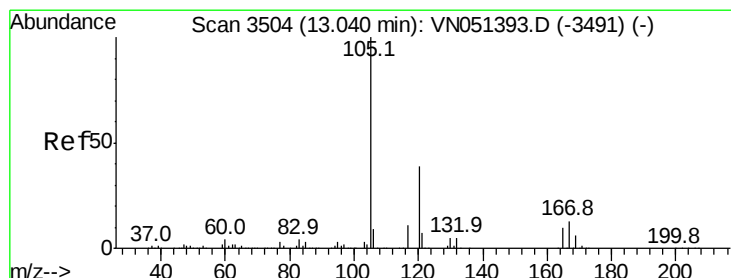
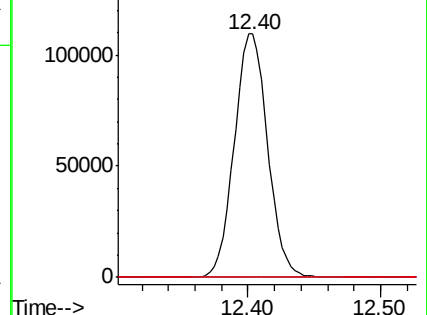
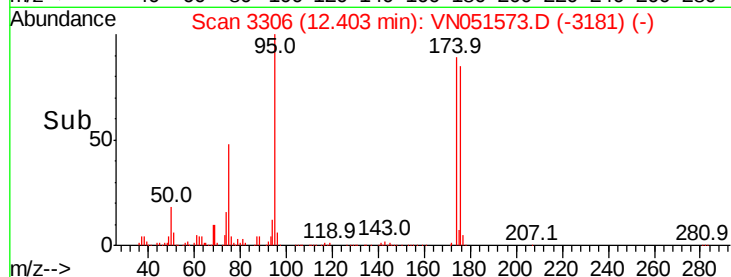
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051573.D (-3181) (-)

150000 Ion 53.00 (52.70 to 53.70): VN051573.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051573.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.544 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051573.D

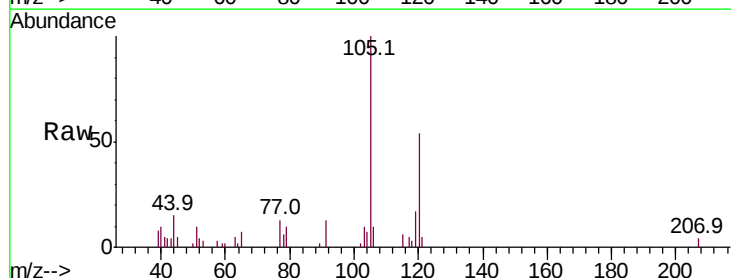
Acq: 27 Sep 2018 10:35

Tgt Ion: 105 Resp: 11760

Ion Ratio Lower Upper

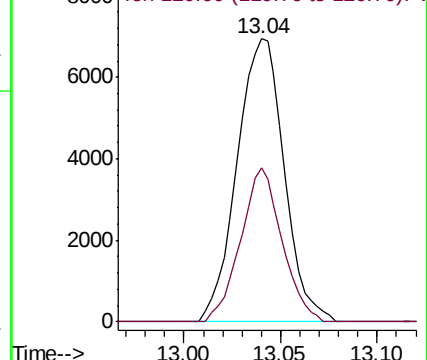
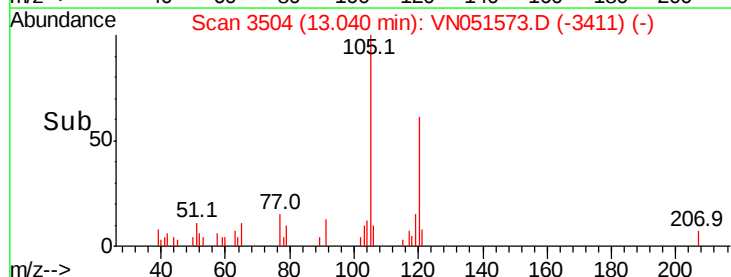
105 100

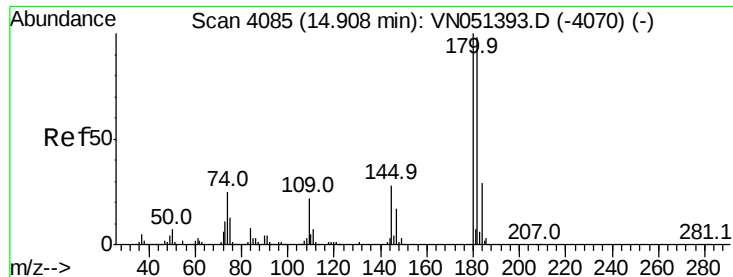
120 47.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN051573.D (-3411) (-)

8000 Ion 120.00 (119.70 to 120.70): VN051573.D (-3411) (-)

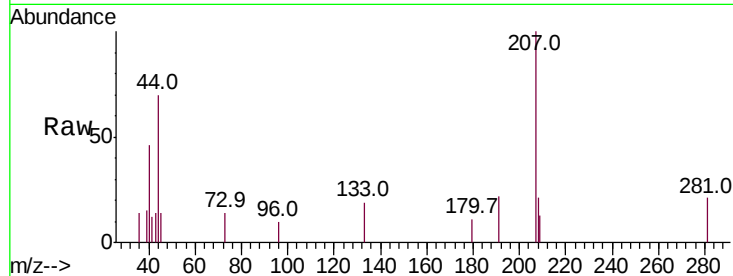




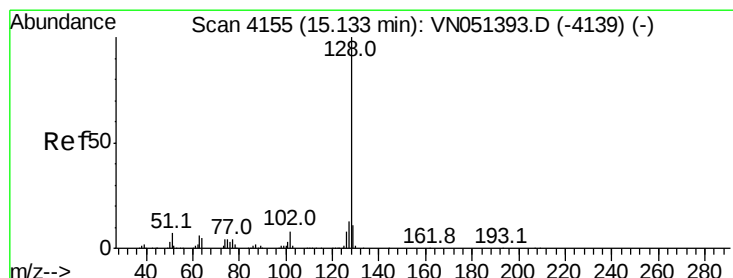
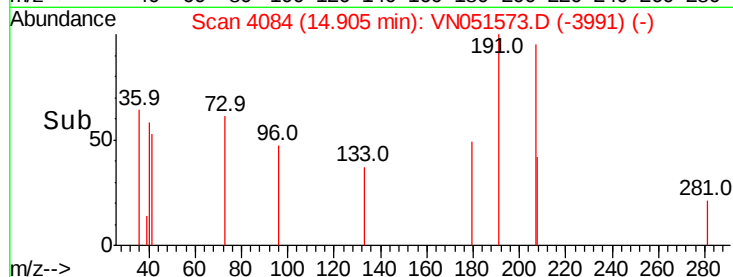
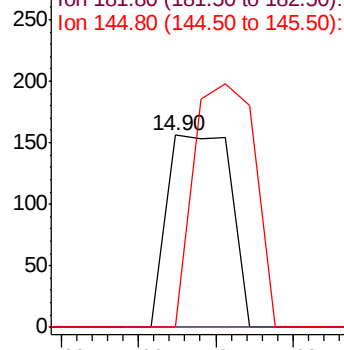
#93  
1,2,4-Trichlorobenzene  
Concen: 5.995 ug/l  
RT: 14.90 min Scan# 4084  
Delta R.T. -0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Instrument :  
MSVOA\_N  
ClientSampled :  
CA-SOIL-1

Tot Ion:180 Resp: 89  
Ion Ratio Lower Upper  
180 100  
182 0.0 48.5 145.6#  
145 122.5 14.1 42.4#

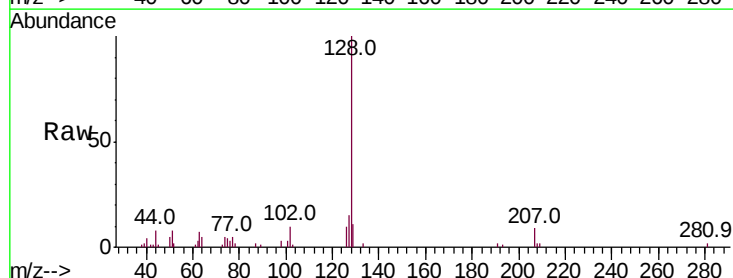


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#95  
Naphthalene  
Concen: 10.242 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN051573.D  
Acq: 27 Sep 2018 10:35

Tgt Ion:128 Resp: 30377  
Ion Ratio Lower Upper  
128 100  
127 15.0 10.5 15.7  
129 12.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

