

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\  
 Data File : VN055524.D  
 Acq On : 10 May 2019 3:19  
 Operator : JC/SP  
 Sample : K2758-17  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CKMW-04

Quant Time: May 10 04:22:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N050819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 04:17:44 2019  
 Response via : Initial Calibration

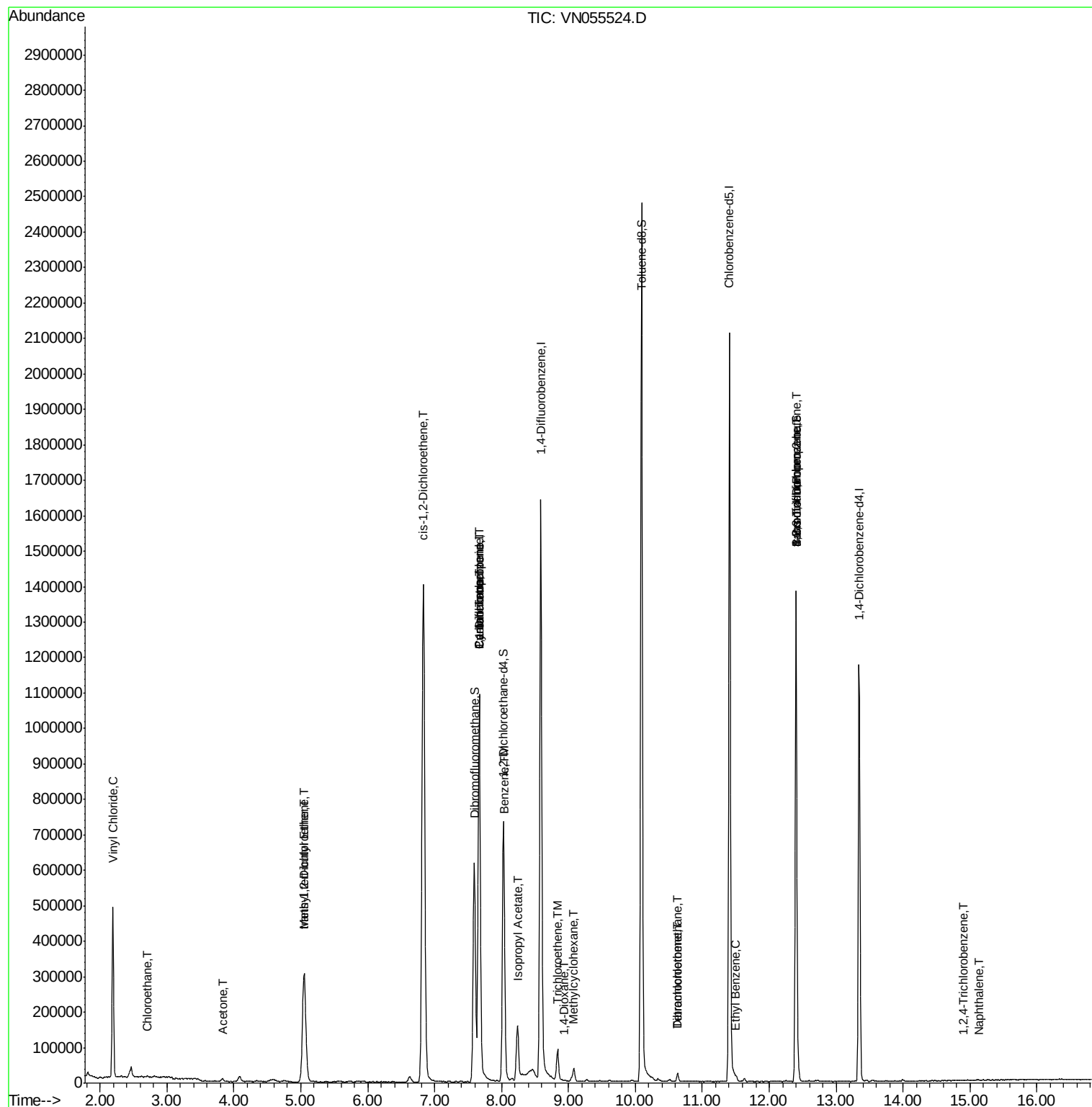
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|--------|----------|
| 1) Pentafluorobenzene          | 7.67   | 168  | 914370   | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59   | 114  | 1517897  | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 1236386  | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.35  | 152  | 327619   | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds    |        |      |          |           |        |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 615219   | 44.69     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 89.38% |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 475139   | 48.52     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.04% |          |
| 50) Toluene-d8                 | 10.09  | 98   | 1796285  | 47.08     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 94.16% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 511658   | 39.77     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 79.54% |          |
| Target Compounds               |        |      |          |           |        |          |
|                                |        |      |          |           | Qvalue |          |
| 4) Vinyl Chloride              | 2.19   | 62   | 436143   | 30.550    | ug/l   | 100      |
| 6) Chloroethane                | 2.70   | 64   | 3383     | 0.407     | ug/l   | 100      |
| 16) Acetone                    | 3.83   | 43   | 11962    | 1.876     | ug/l   | 98       |
| 18) Methyl Acetate             | 4.34   | 43   | 6545     | Below Cal | #      | 66       |
| 19) Methyl tert-butyl Ether    | 5.06   | 73   | 346964   | 10.449    | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene   | 5.05   | 96   | 64635    | 5.965     | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene     | 6.83   | 96   | 942490   | 75.266    | ug/l   | 90       |
| 31) Cyclohexane                | 7.66   | 56   | 24387    | 1.098     | ug/l # | 1        |
| 36) 1,1-Dichloropropene        | 7.67   | 75   | 70731    | 4.730     | ug/l # | 51       |
| 38) Carbon Tetrachloride       | 7.67   | 117  | 85595    | 6.798     | ug/l # | 15       |
| 39) Methylcyclohexane          | 9.08   | 83   | 14265    | 0.782     | ug/l   | 91       |
| 40) Benzene                    | 8.05   | 78   | 12986    | 0.280     | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.24   | 43   | 54106    | 2.183     | ug/l # | 35       |
| 44) Trichloroethene            | 8.84   | 130  | 32598    | 2.952     | ug/l   | 86       |
| 49) 1,4-Dioxane                | 8.94   | 88   | 194      | 0.834     | ug/l # | 17       |
| 60) Dibromochloromethane       | 10.63  | 129  | 5118     | 0.524     | ug/l # | 11       |
| 64) Tetrachloroethene          | 10.63  | 164  | 5421     | 0.535     | ug/l   | 92       |
| 67) Ethyl Benzene              | 11.51  | 91   | 10381    | 0.217     | ug/l   | 97       |
| 71) Bromoform                  | 12.40  | 173  | 3618     | 0.612     | ug/l # | 1        |
| 73) Isopropylbenzene           | 12.25  | 105  | 1649     | Below Cal |        | 85       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.41  | 83   | 100      | Below Cal | #      | 25       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 256759   | 28.788    | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 256759   | 106.224   | ug/l # | 7        |
| 93) 1,2,4-Trichlorobenzene     | 14.90  | 180  | 29       | 3.211     | ug/l # | 1        |
| 94) Hexachlorobutadiene        | 15.00  | 225  | 95       | Below Cal | #      | 19       |
| 95) Naphthalene                | 15.13  | 128  | 276      | 2.956     | ug/l # | 70       |

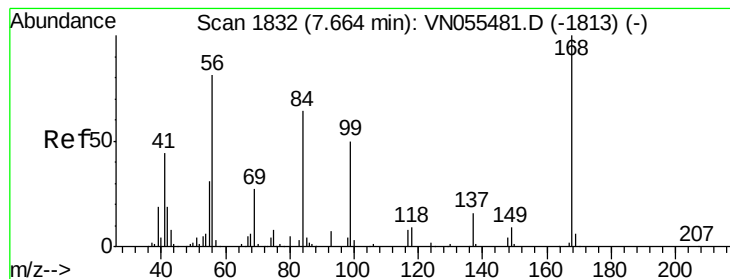
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu May 09 04:17:44 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

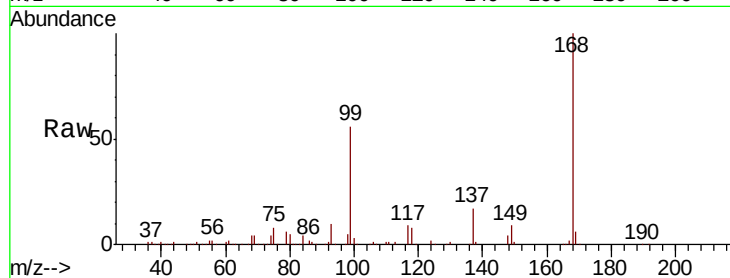
CKMW-04

Tot Ion:168 Resp: 914370

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

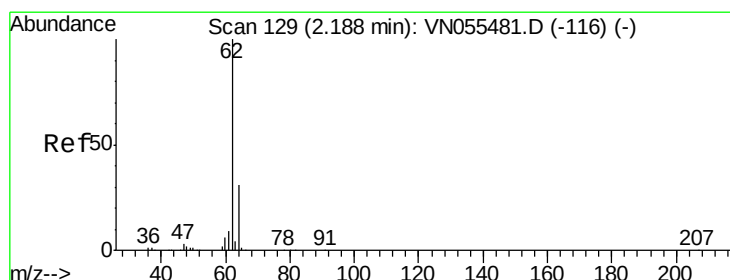
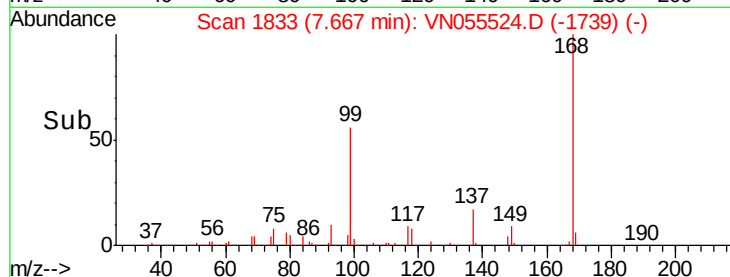
200000

100000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 30.550 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055524.D

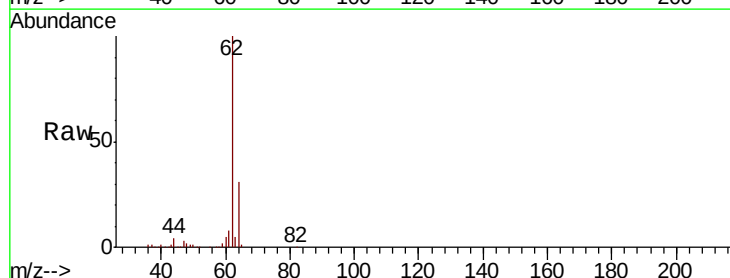
Acq: 10 May 2019 3:19

Tgt Ion: 62 Resp: 436143

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.19

300000

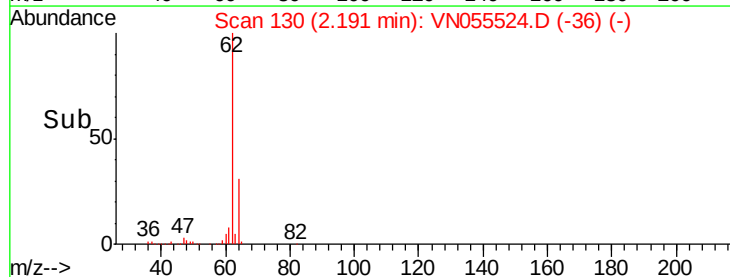
200000

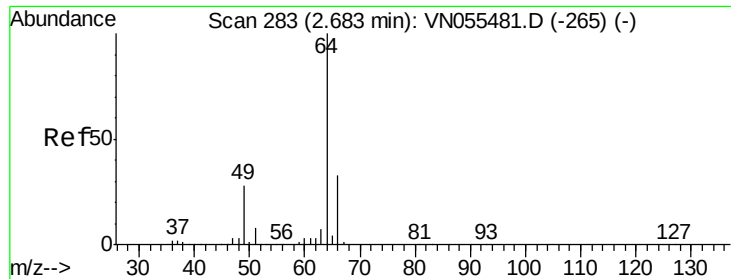
100000

0

2.10 2.20 2.30

Time-->

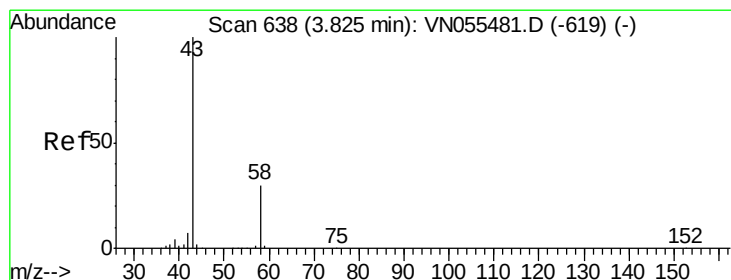
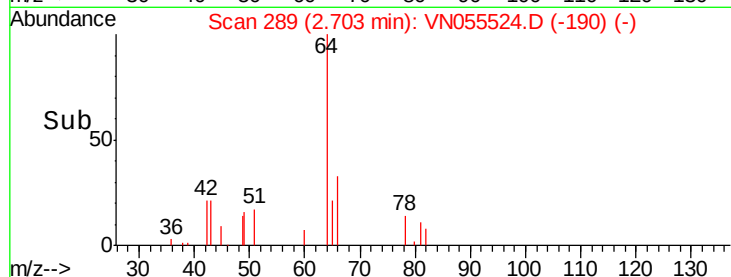
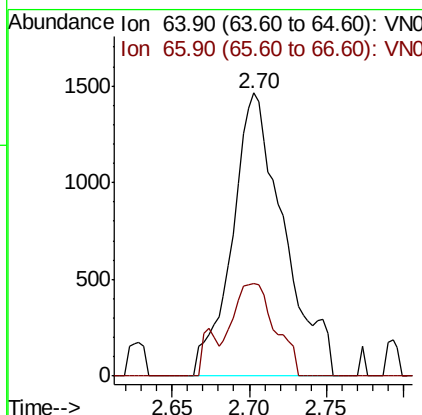
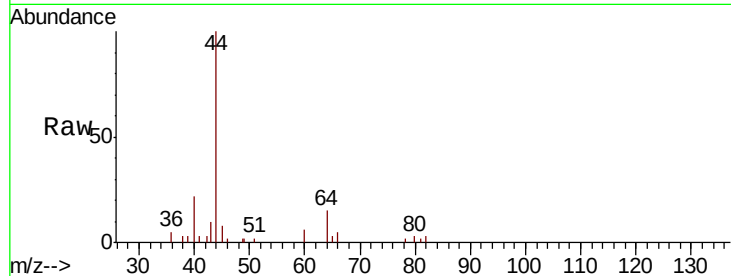




#6  
 Chloroethane  
 Concen: 0.407 ug/l  
 RT: 2.70 min Scan# 289  
 Delta R.T. 0.02 min  
 Lab File: VN055524.D  
 Acq: 10 May 2019 3:19

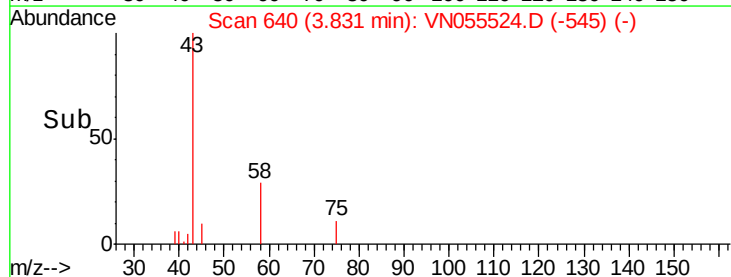
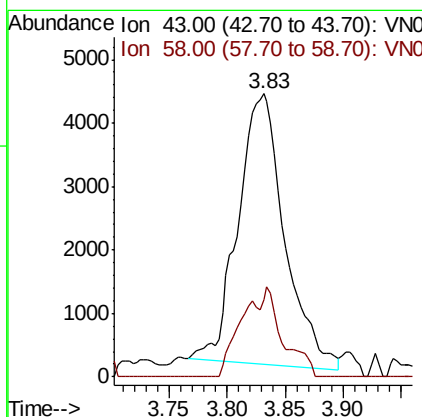
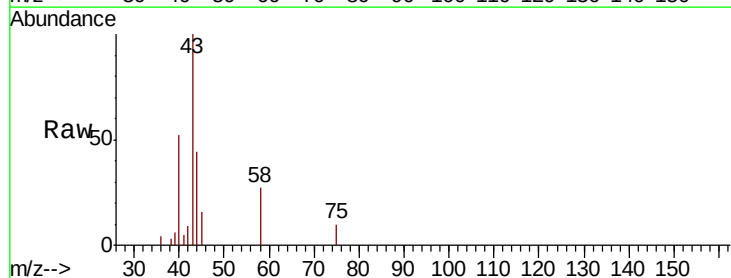
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CKMW-04

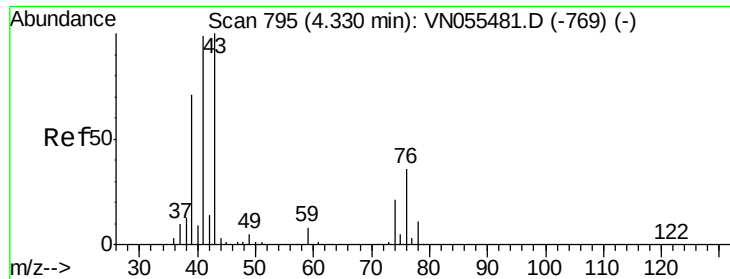
Tot Ion: 64 Resp: 3383  
 Ion Ratio Lower Upper  
 64 100  
 66 32.9 26.2 39.2



#16  
 Acetone  
 Concen: 1.876 ug/l  
 RT: 3.83 min Scan# 640  
 Delta R.T. 0.01 min  
 Lab File: VN055524.D  
 Acq: 10 May 2019 3:19

Tgt Ion: 43 Resp: 11962  
 Ion Ratio Lower Upper  
 43 100  
 58 29.2 24.2 36.2

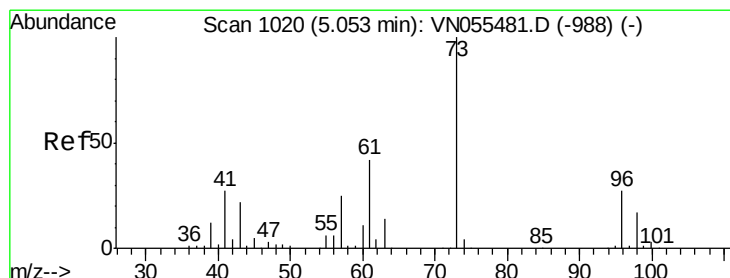
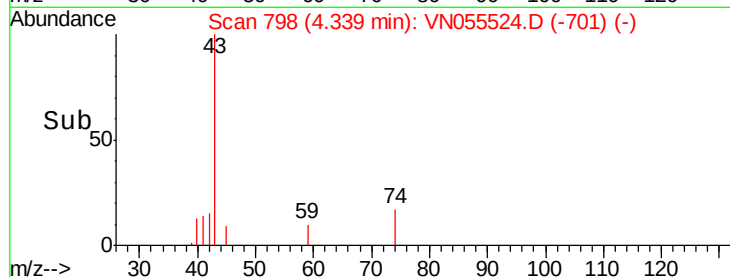
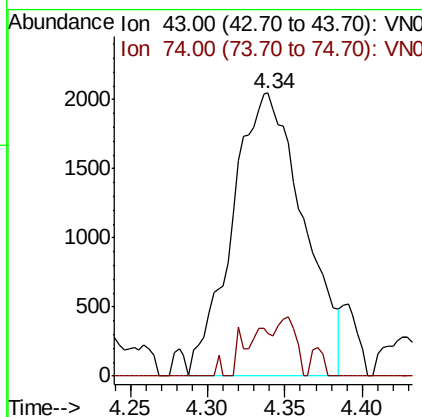
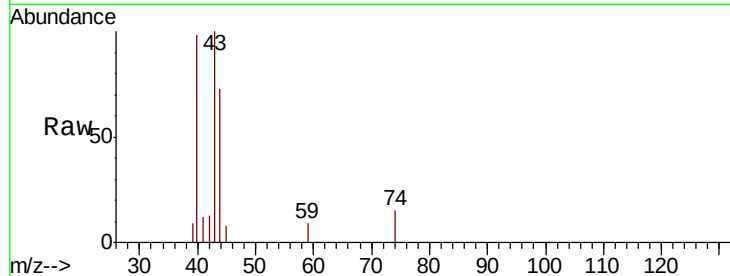




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.34 min Scan# 798  
Delta R.T. 0.01 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

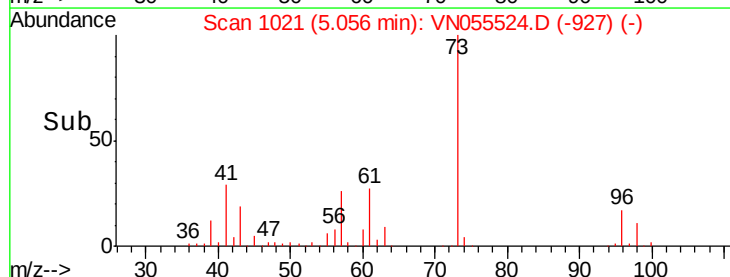
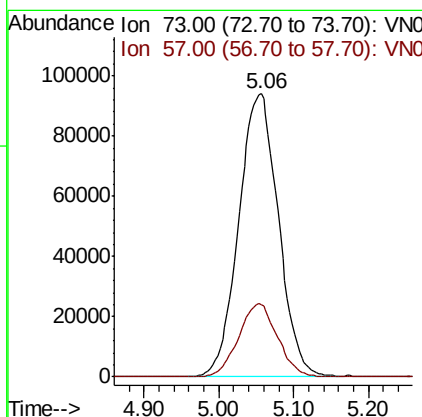
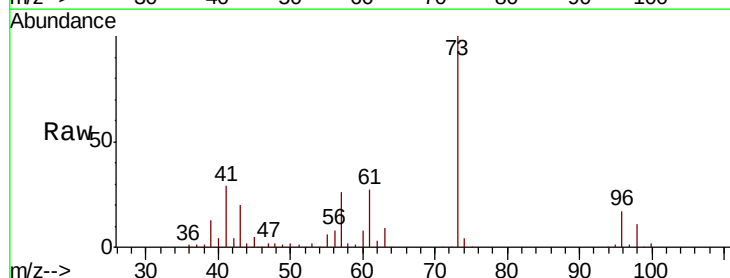
Instrument :  
MSVOA\_N  
ClientSampleId :  
CKMW-04

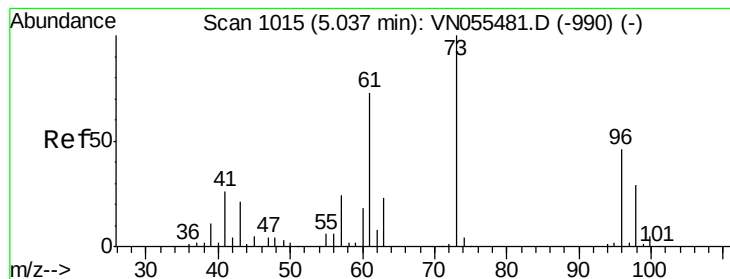
Tot Ion: 43 Resp: 6545  
Ion Ratio Lower Upper  
43 100  
74 4.6 16.3 24.5#



#19  
Methyl tert-butyl Ether  
Concen: 10.449 ug/l  
RT: 5.06 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

Tgt Ion: 73 Resp: 346964  
Ion Ratio Lower Upper  
73 100  
57 25.6 20.0 30.0





#21

trans-1,2-Dichloroethene

Concen: 5.965 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

CKMW-04

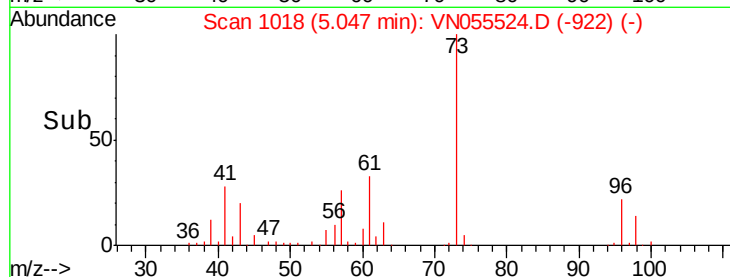
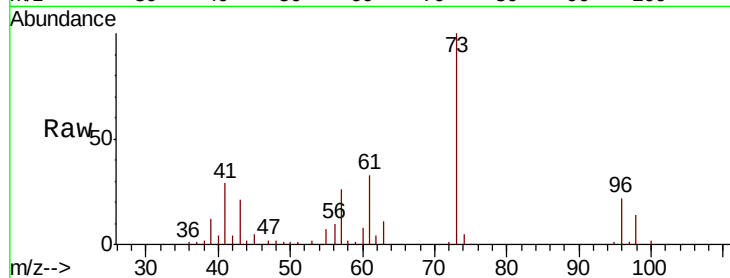
Tot Ion: 96 Resp: 64635

Ion Ratio Lower Upper

96 100

61 148.2 127.4 191.0

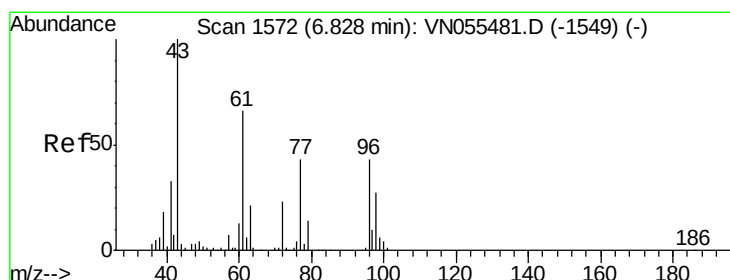
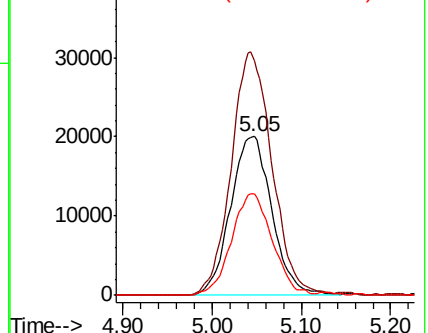
98 63.8 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 75.266 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

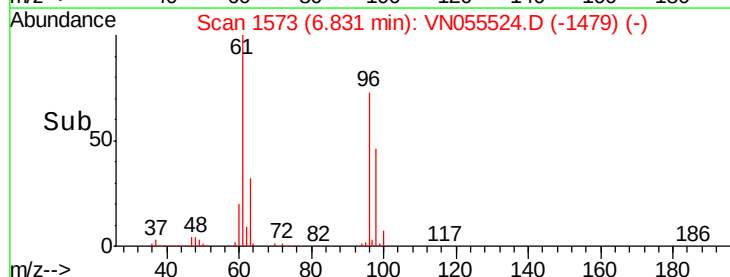
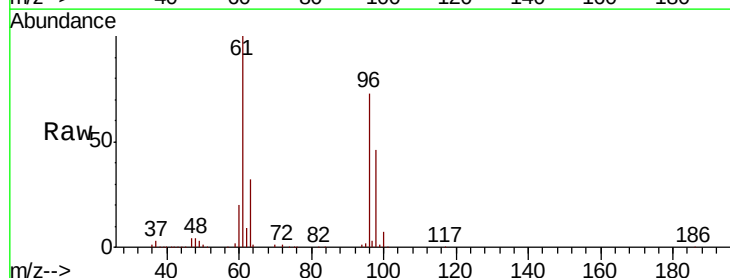
Tgt Ion: 96 Resp: 942490

Ion Ratio Lower Upper

96 100

61 138.3 0.0 310.8

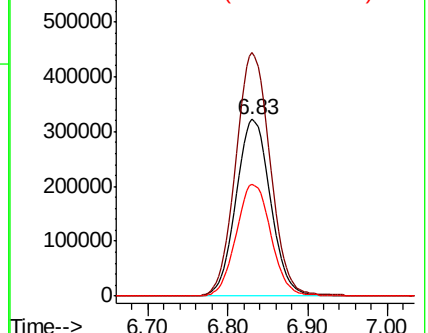
98 64.0 0.0 129.4

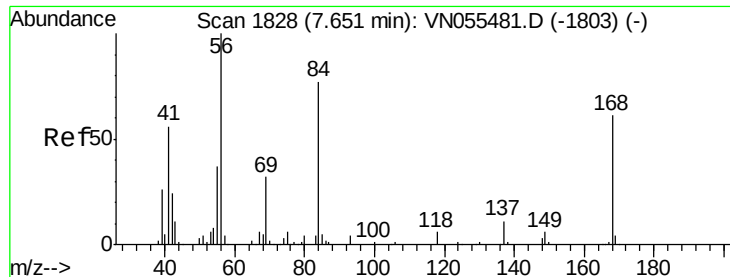


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

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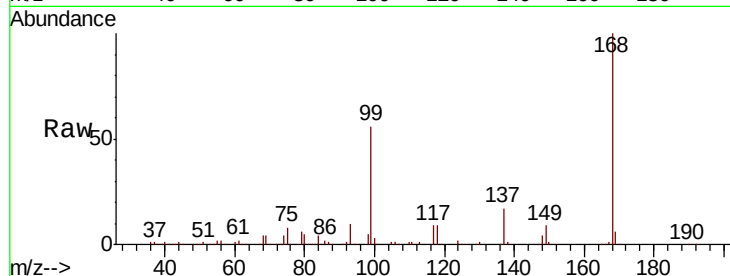
Tot Ion: 56 Resp: 24387

Ion Ratio Lower Upper

56 100

69 159.8 26.0 39.0#

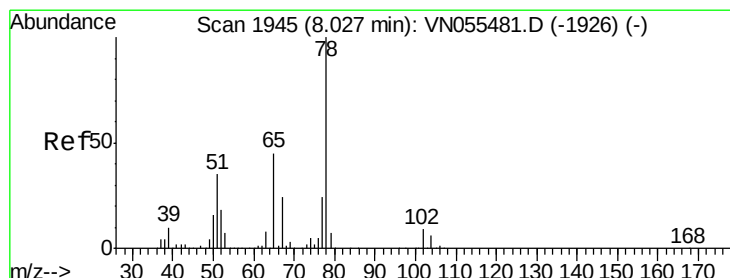
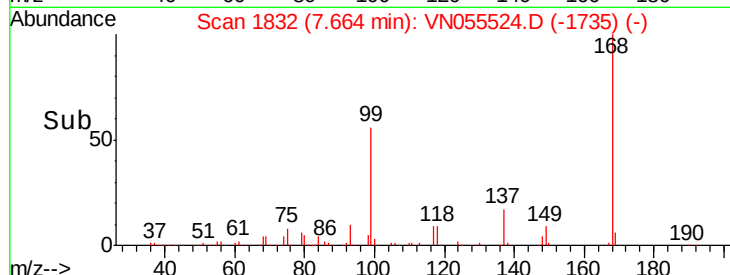
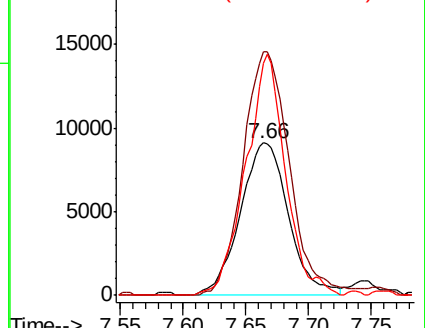
84 152.3 61.9 92.9#



Abundance Ion 56.00 (55.70 to 56.70): VN055524.D (-1832) (-)

Ion 69.00 (68.70 to 69.70): VN055524.D (-1832) (-)

Ion 84.00 (83.70 to 84.70): VN055524.D (-1832) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.687 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055524.D

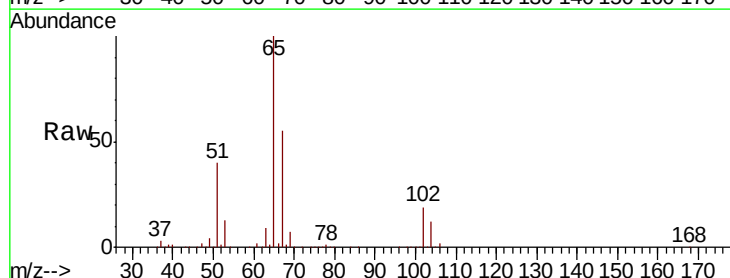
Acq: 10 May 2019 3:19

Tgt Ion: 65 Resp: 615219

Ion Ratio Lower Upper

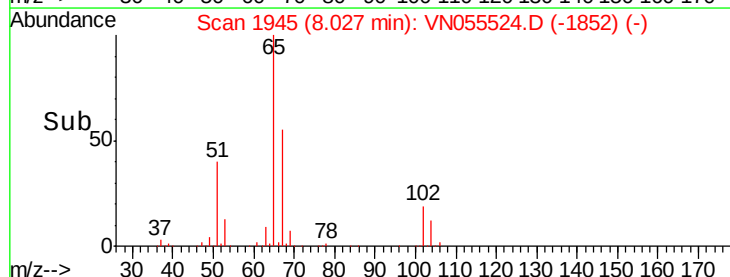
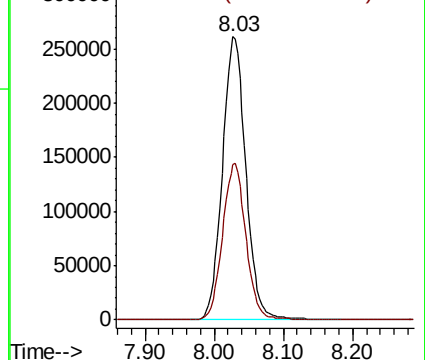
65 100

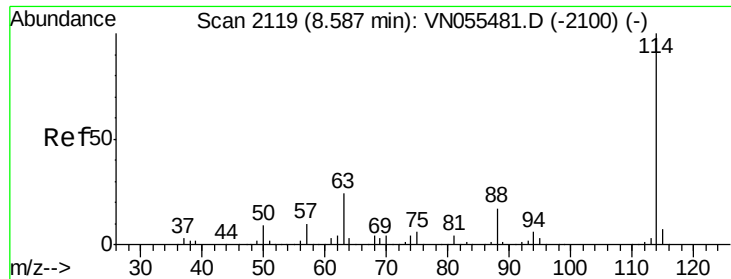
67 55.0 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055524.D (-1945) (-)

Ion 66.90 (66.60 to 67.60): VN055524.D (-1945) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

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ClientSampleId :

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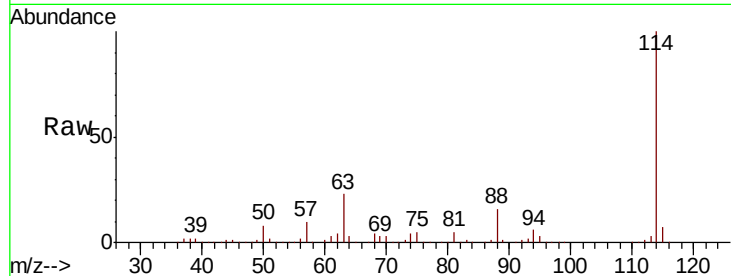
Tot Ion:114 Resp: 1517897

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

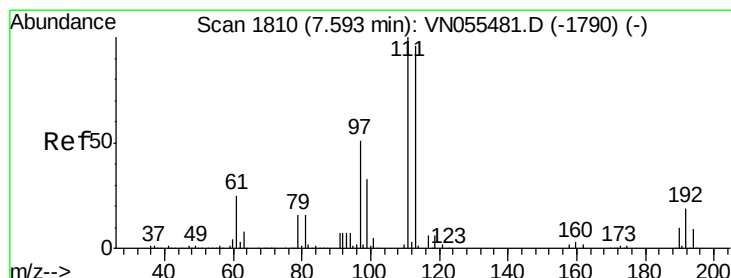
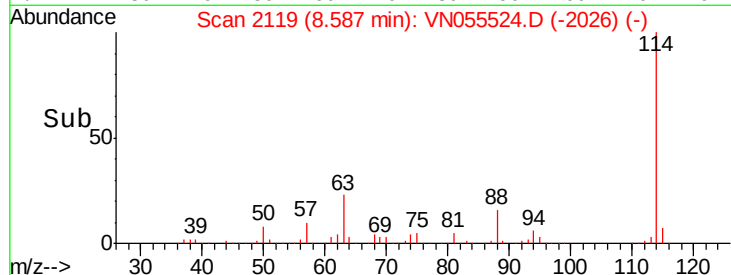
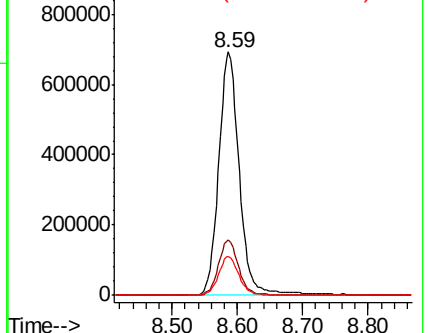
88 16.0 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

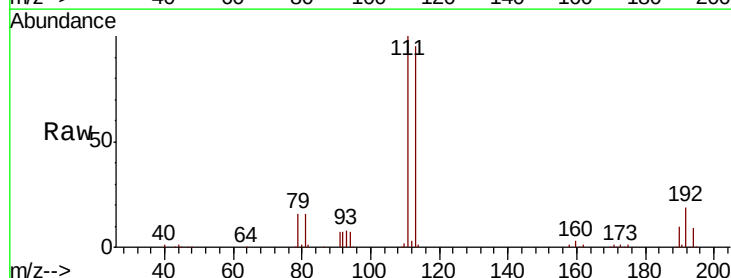
Tgt Ion:113 Resp: 475139

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

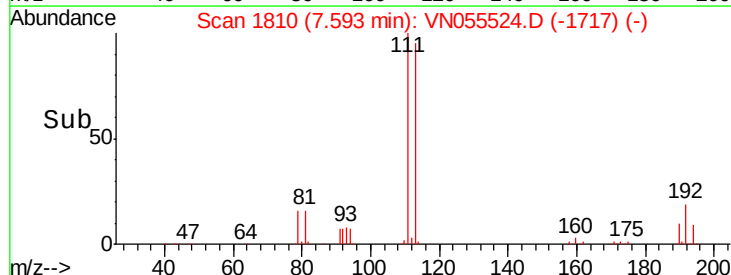
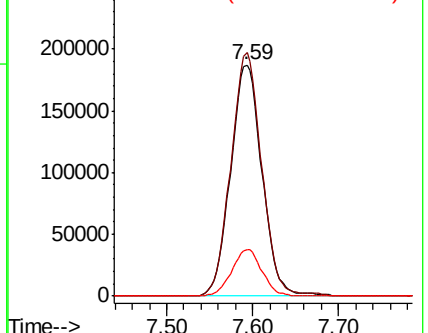
192 19.5 15.6 23.4



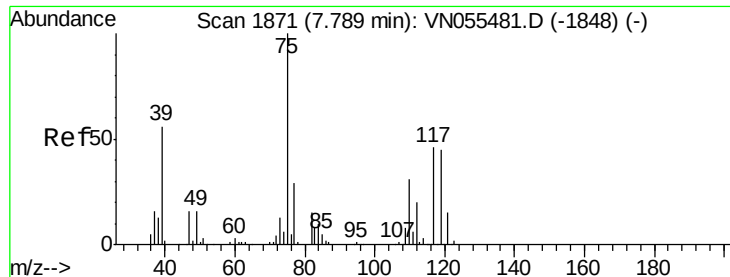
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V







#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

CKMW-04

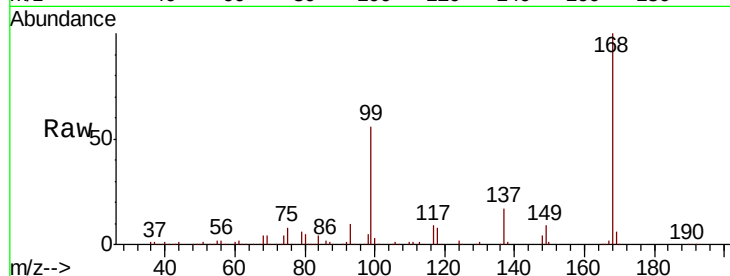
Tot Ion: 75 Resp: 70731

Ion Ratio Lower Upper

75 100

110 8.1 16.1 48.3#

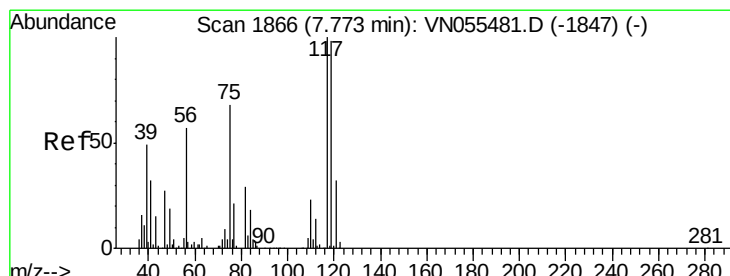
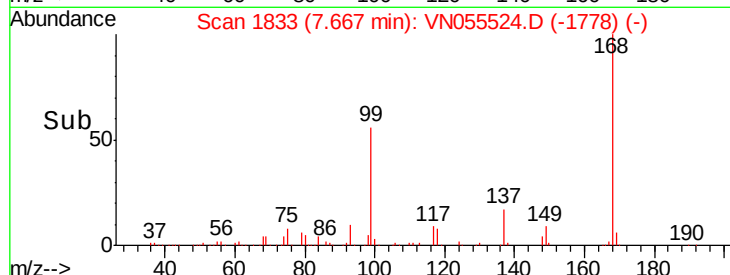
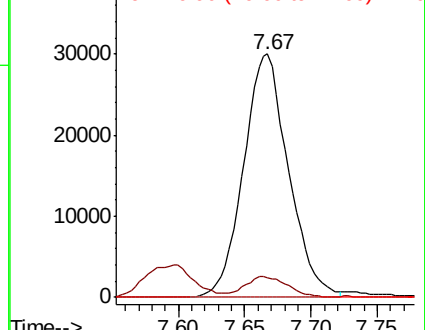
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055524.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN055524.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN055524.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 6.798 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

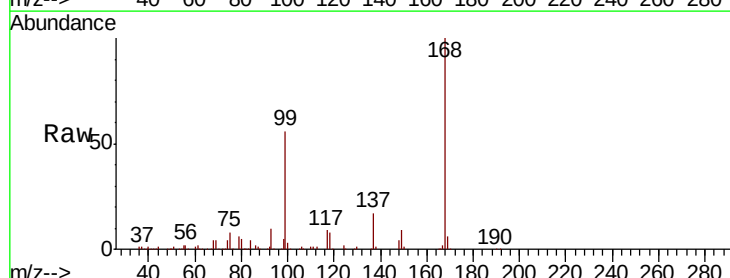
Tgt Ion: 117 Resp: 85595

Ion Ratio Lower Upper

117 100

119 4.8 77.8 116.6#

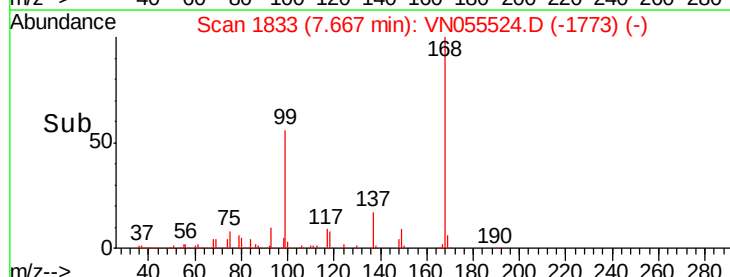
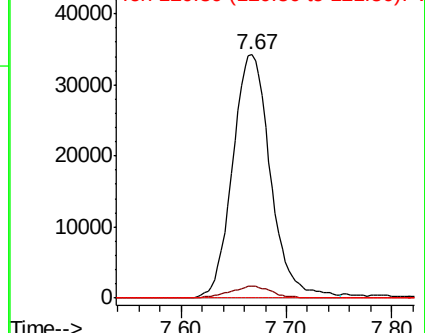
121 0.0 25.2 37.8#

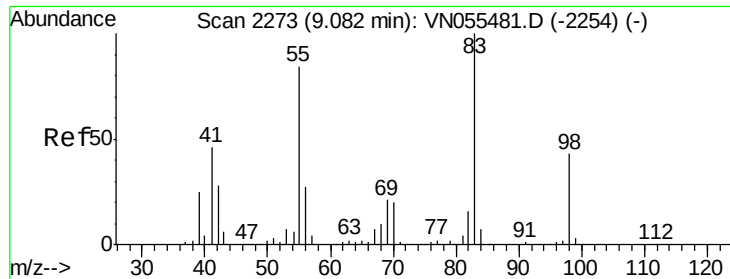


Abundance Ion 116.80 (116.50 to 117.50): VN055524.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN055524.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN055524.D (-1773) (-)

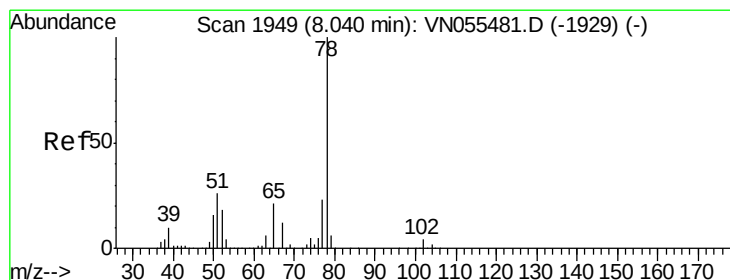
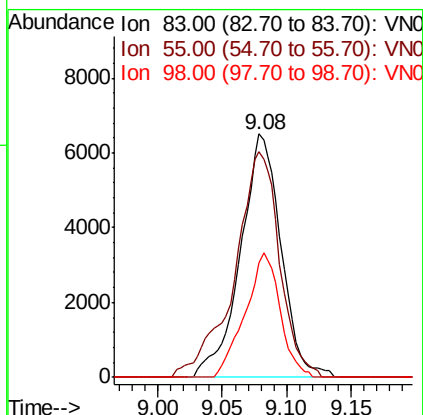
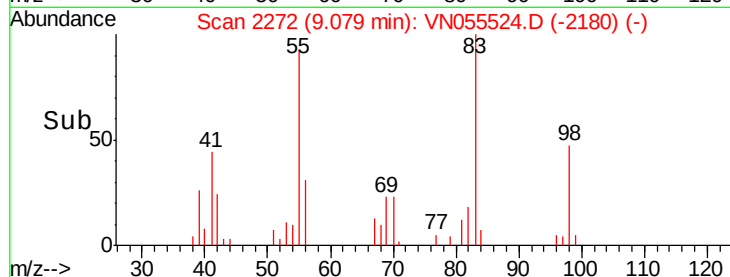
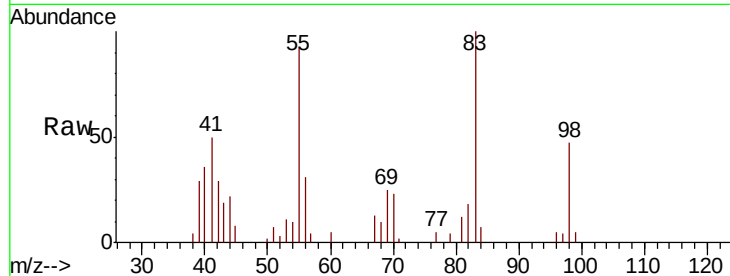




#39  
Methylvlcyclohexane  
Concen: 0.782 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

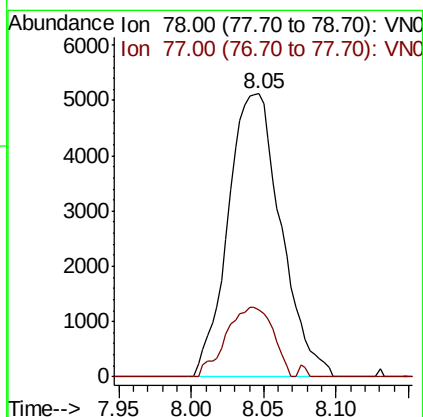
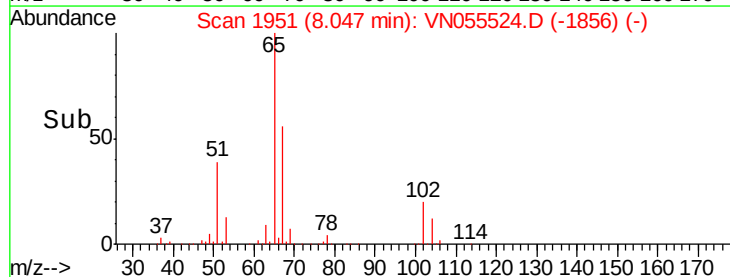
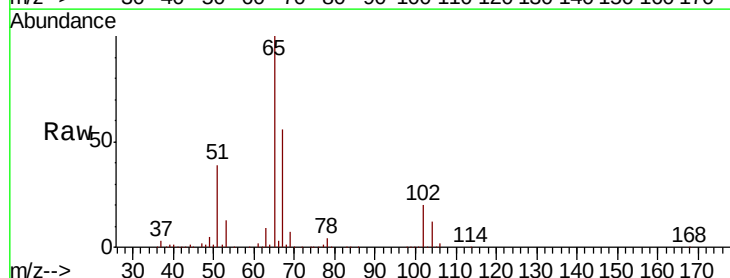
Instrument :  
MSVOA\_N  
ClientSampleId :  
CKMW-04

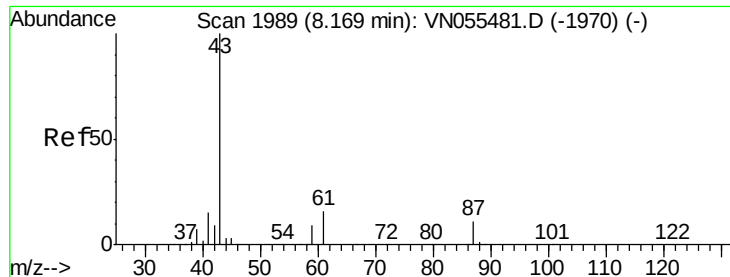
Tot Ion: 83 Resp: 14265  
Ion Ratio Lower Upper  
83 100  
55 92.8 67.0 100.4  
98 47.2 34.2 51.4



#40  
Benzene  
Concen: 0.280 ug/l  
RT: 8.05 min Scan# 1951  
Delta R.T. 0.01 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

Tgt Ion: 78 Resp: 12986  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.6 27.8





#43

Isopropyl Acetate

Concen: 2.183 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.07 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampled :

CKMW-04

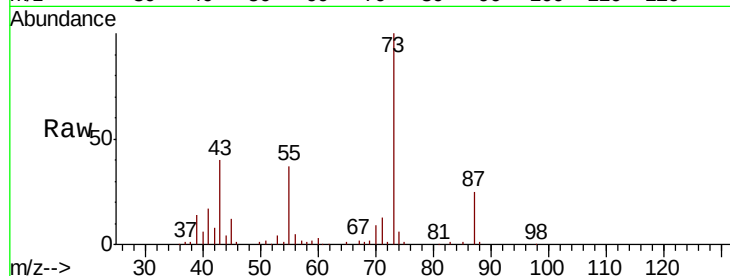
Tot Ion: 43 Resp: 54106

Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

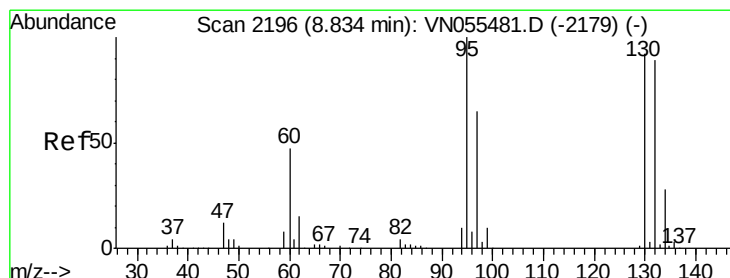
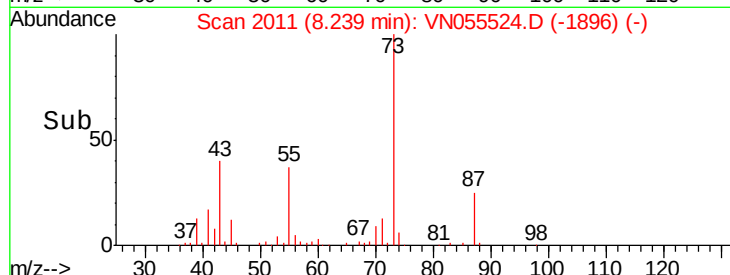
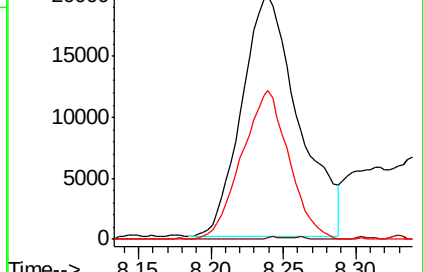
87 51.1 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055524.D (-2011) (-)

Ion 61.00 (60.70 to 61.70): VN055524.D (-2011) (-)

Ion 87.00 (86.70 to 87.70): VN055524.D (-2011) (-)



#44

Trichloroethene

Concen: 2.952 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055524.D

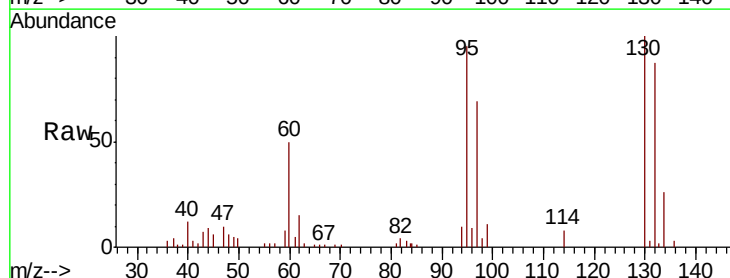
Acq: 10 May 2019 3:19

Tgt Ion:130 Resp: 32598

Ion Ratio Lower Upper

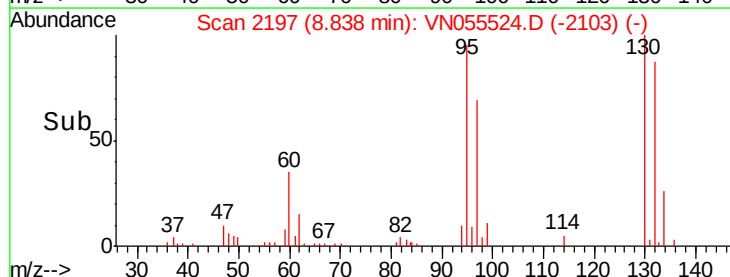
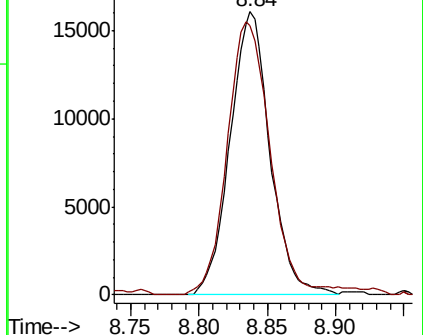
130 100

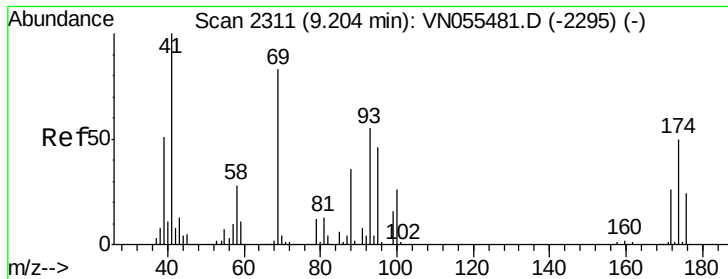
95 93.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055524.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN055524.D (-2197) (-)

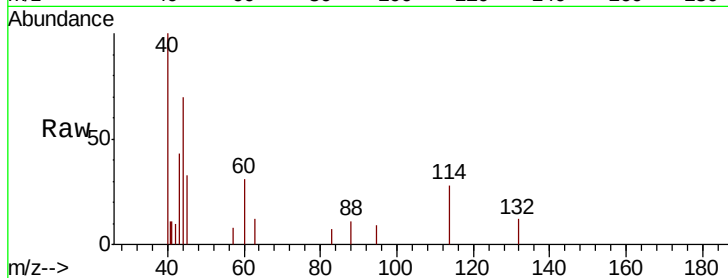




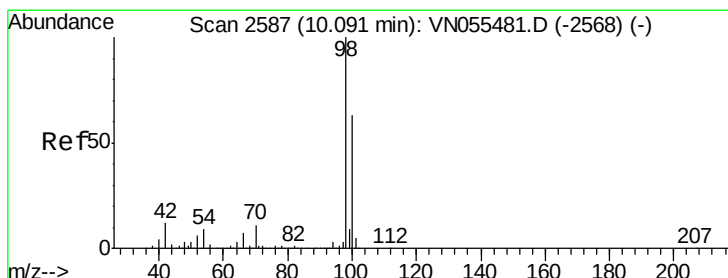
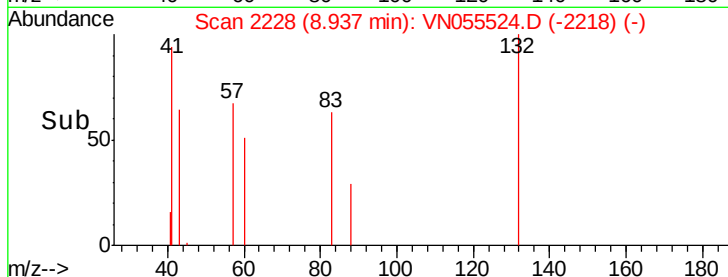
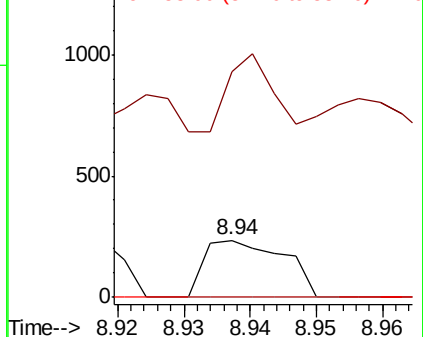
#49  
 1,4-Dioxane  
 Concen: 0.834 ug/l  
 RT: 8.94 min Scan# 2228  
 Delta R.T. -0.27 min  
 Lab File: VN055524.D  
 Acq: 10 May 2019 3:19

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 CKMW-04

Tot Ion: 88 Resp: 194  
 Ion Ratio Lower Upper  
 88 100  
 43 75.8 27.8 41.8#  
 58 0.0 61.8 92.6#

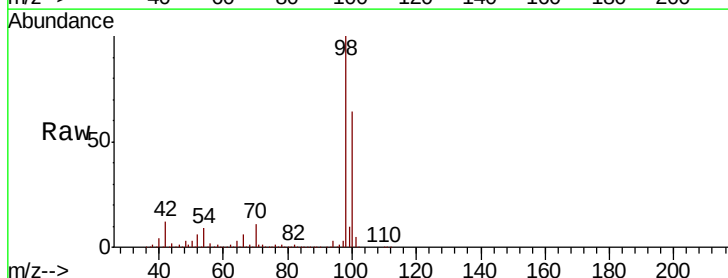


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

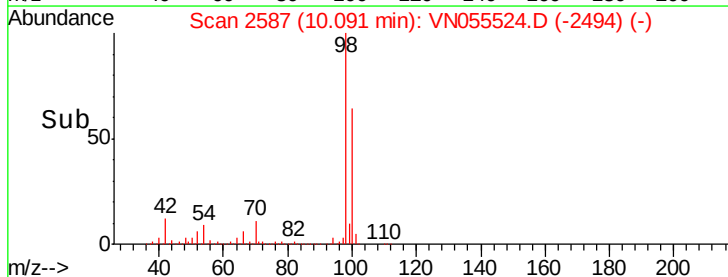
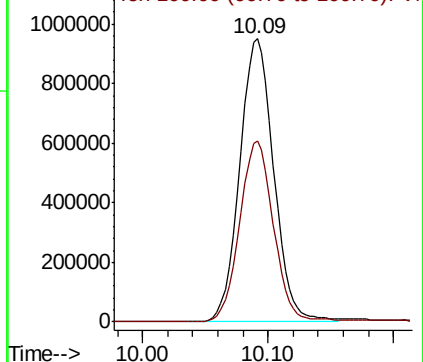


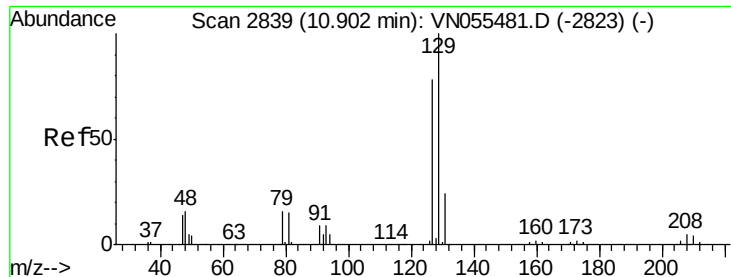
#50  
 Toluene-d8  
 Concen: 47.076 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN055524.D  
 Acq: 10 May 2019 3:19

Tgt Ion: 98 Resp: 1796285  
 Ion Ratio Lower Upper  
 98 100  
 100 64.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0  
 Ion 100.00 (99.70 to 100.70): VN0





#60

Dibromochloromethane

Concen: 0.524 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

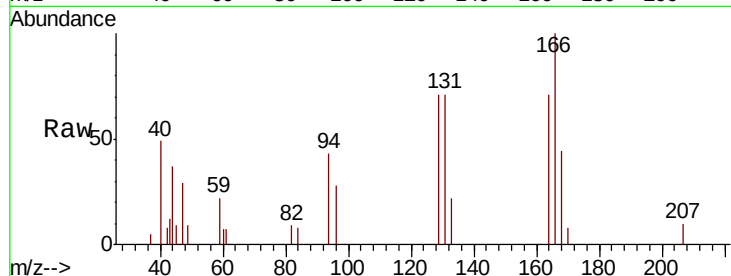
CKMW-04

Tot Ion:129 Resp: 5118

Ion Ratio Lower Upper

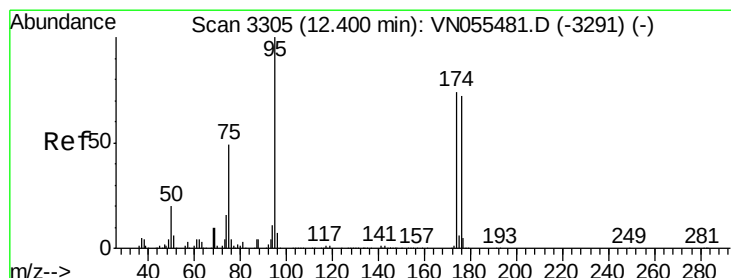
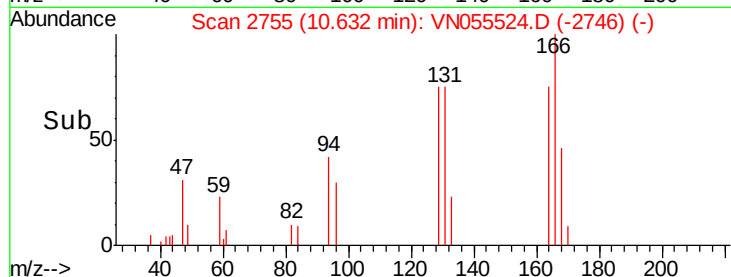
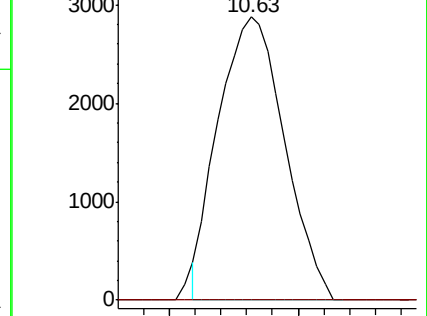
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 39.768 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

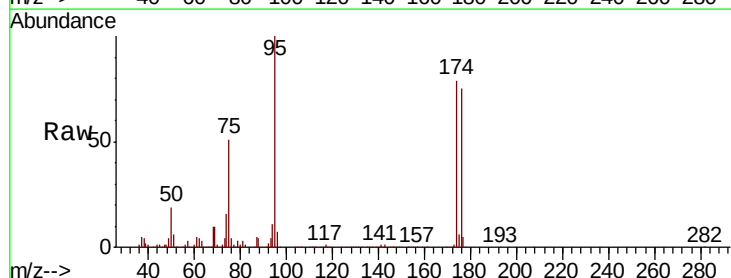
Tgt Ion: 95 Resp: 511658

Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

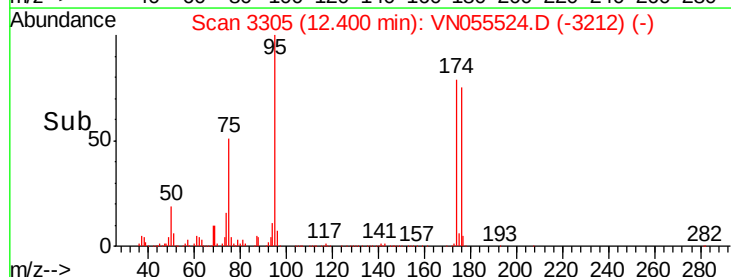
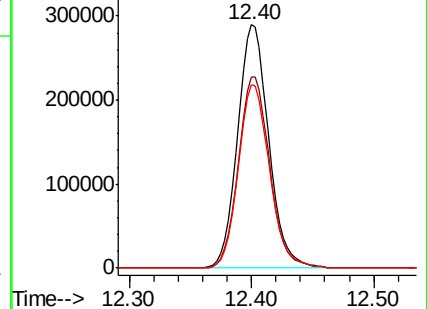
176 75.8 0.0 147.8

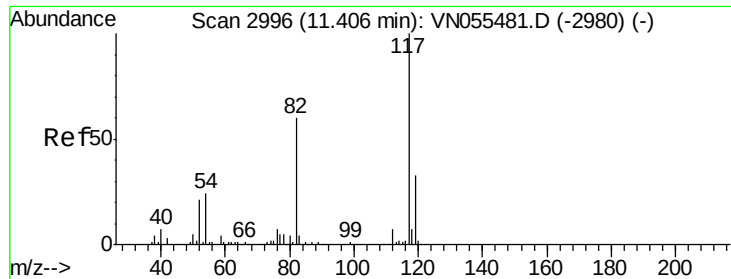


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

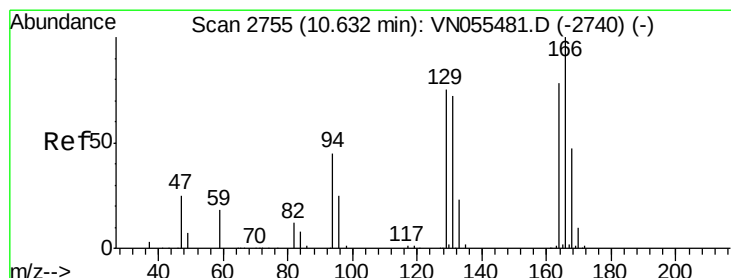
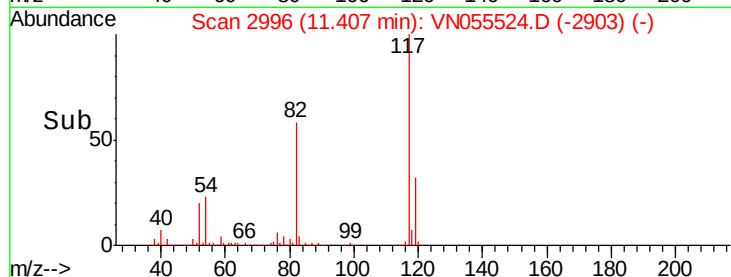
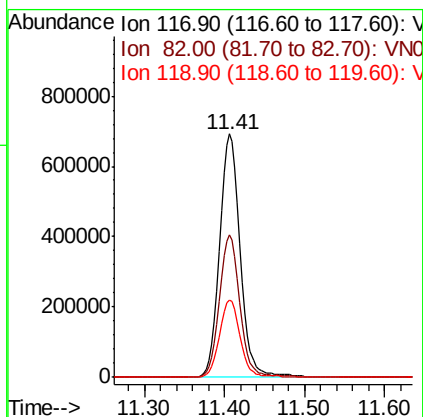
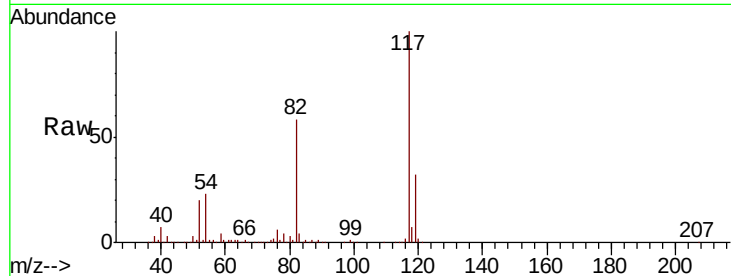




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

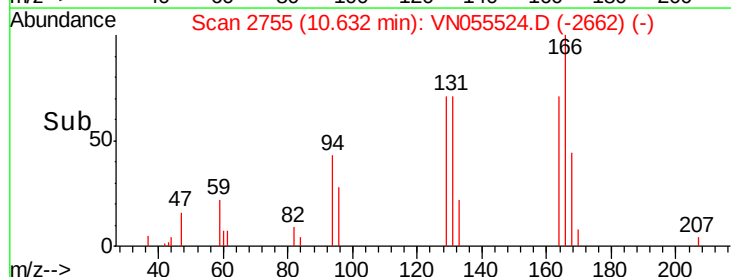
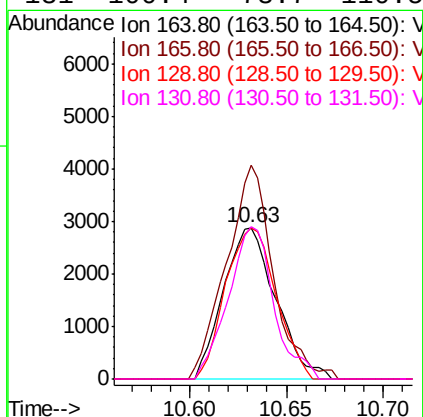
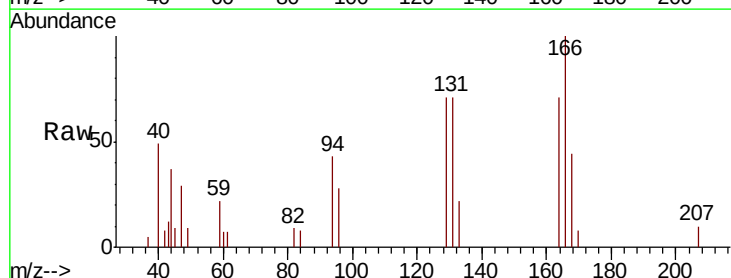
Instrument :  
MSVOA\_N  
ClientSampleId :  
CKMW-04

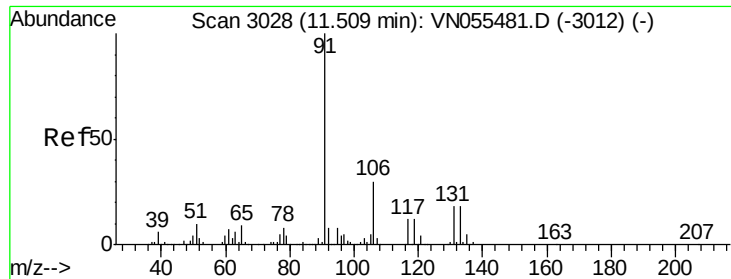
Tot Ion:117 Resp: 1236386  
Ion Ratio Lower Upper  
117 100  
82 58.4 48.0 72.0  
119 31.9 26.0 39.0



#64  
Tetrachloroethene  
Concen: 0.535 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

Tgt Ion:164 Resp: 5421  
Ion Ratio Lower Upper  
164 100  
166 141.0 102.6 153.8  
129 99.7 77.0 115.6  
131 100.4 73.7 110.5

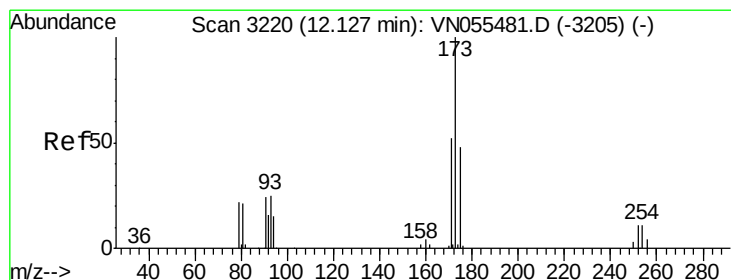
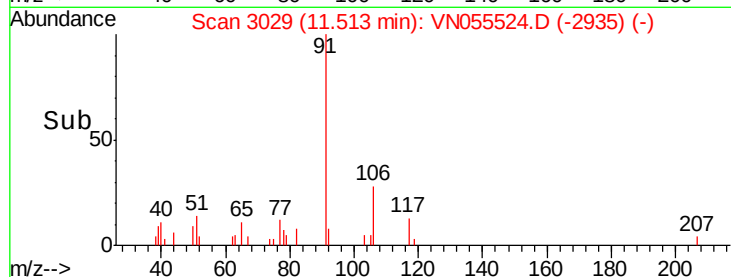
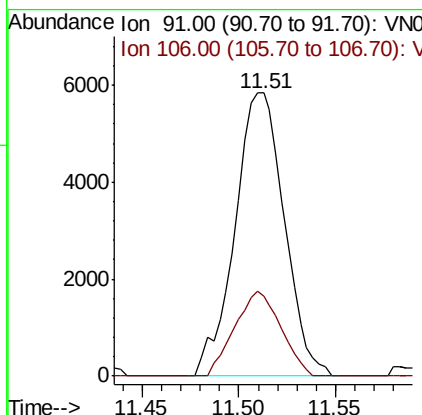
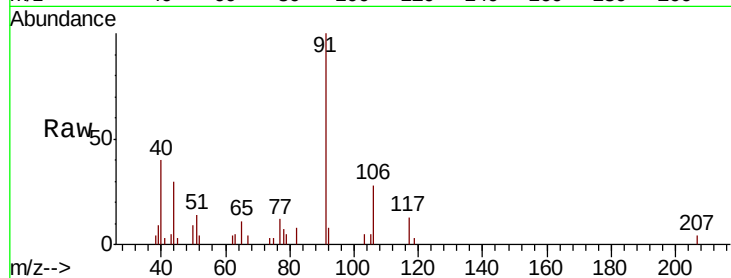




#67  
Ethyl Benzene  
Concen: 0.217 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

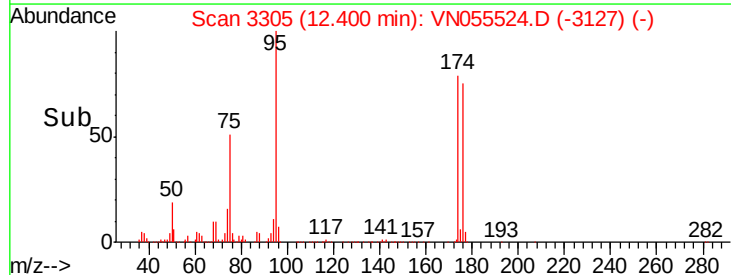
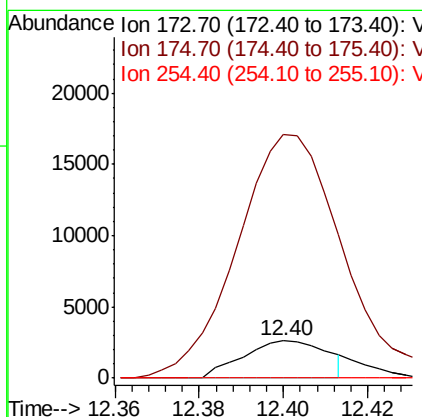
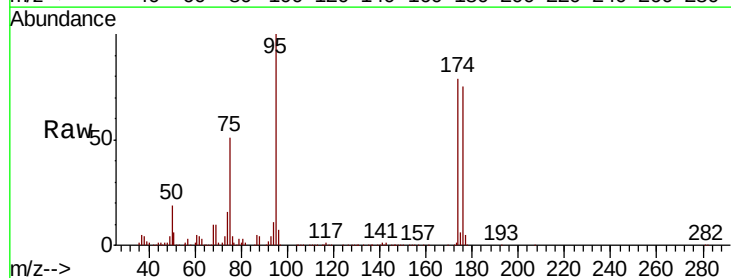
Instrument :  
MSVOA\_N  
ClientSampled :  
CKMW-04

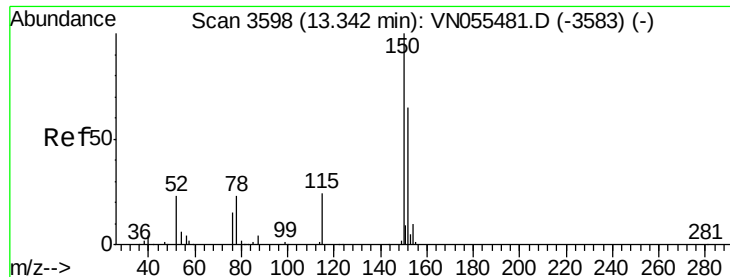
Tot Ion: 91 Resp: 10381  
Ion Ratio Lower Upper  
91 100  
106 28.2 23.8 35.6



#71  
Bromoform  
Concen: 0.612 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.27 min  
Lab File: VN055524.D  
Acq: 10 May 2019 3:19

Tgt Ion: 173 Resp: 3618  
Ion Ratio Lower Upper  
173 100  
175 705.8 24.1 72.4#  
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

CKMW-04

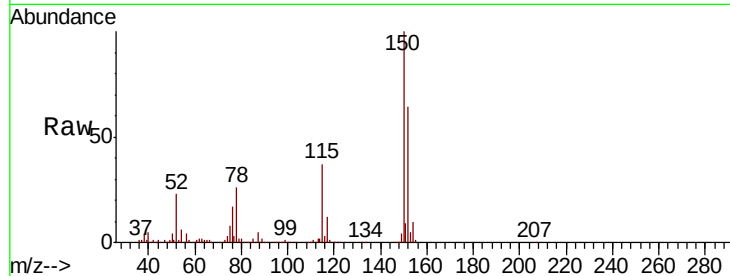
Tot Ion:152 Resp: 327619

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.5

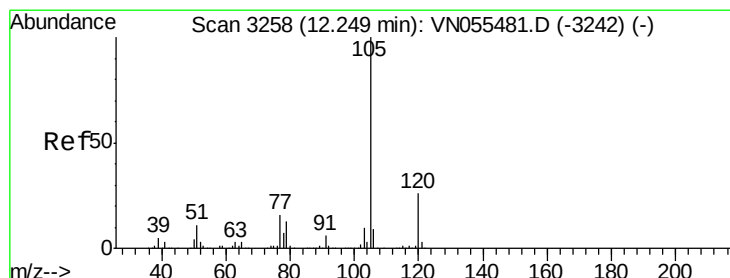
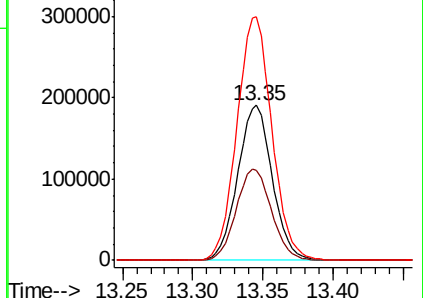
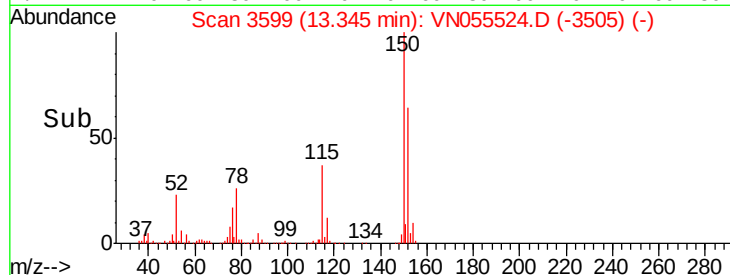
150 159.0 0.0 355.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055524.D

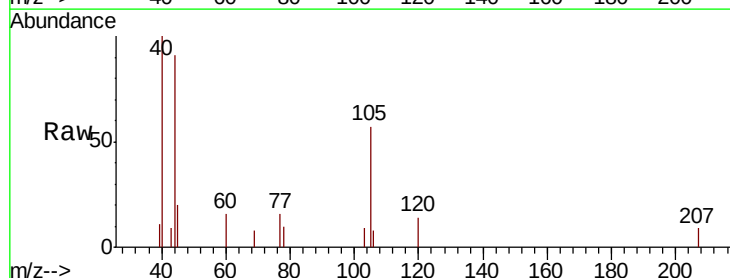
Acq: 10 May 2019 3:19

Tgt Ion:105 Resp: 1649

Ion Ratio Lower Upper

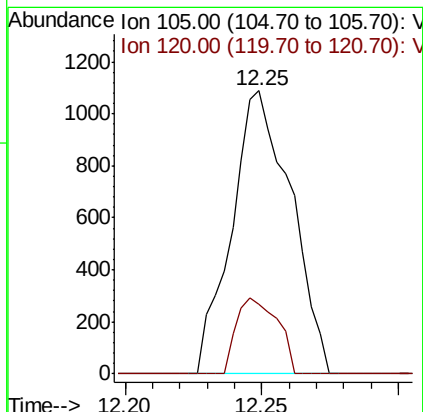
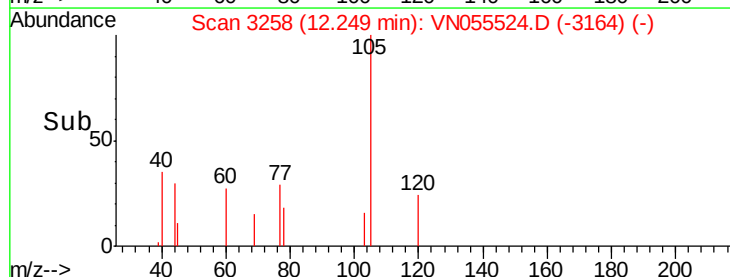
105 100

120 18.4 13.0 39.0

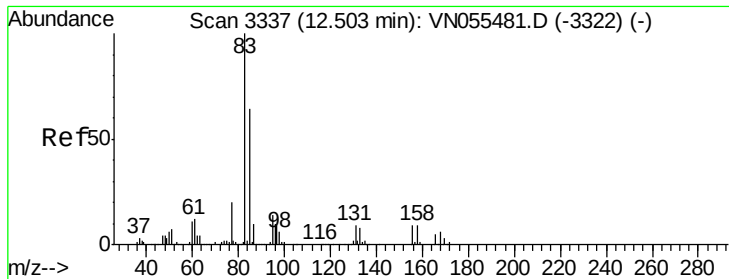


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V







#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

CKMW-04

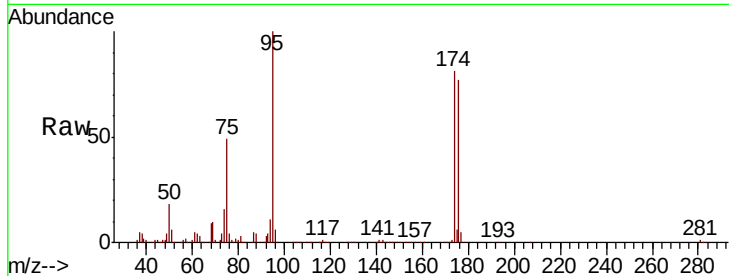
Tot Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

500

400

300

200

100

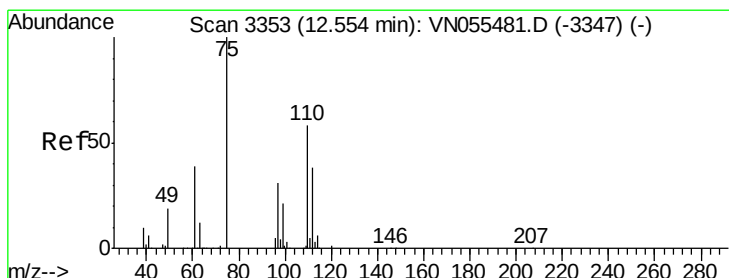
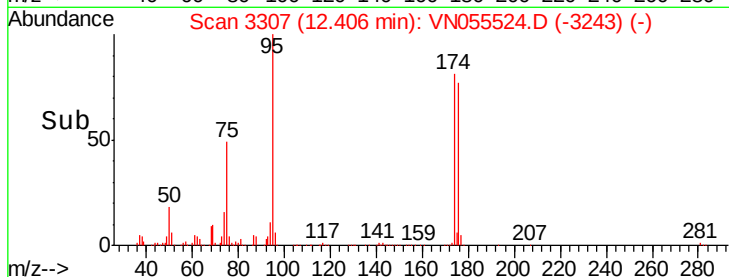
0

12.40

12.41

12.42

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.788 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055524.D

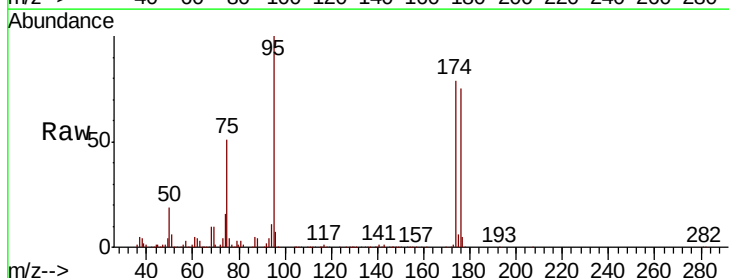
Acq: 10 May 2019 3:19

Tgt Ion: 75 Resp: 256759

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

150000

100000

50000

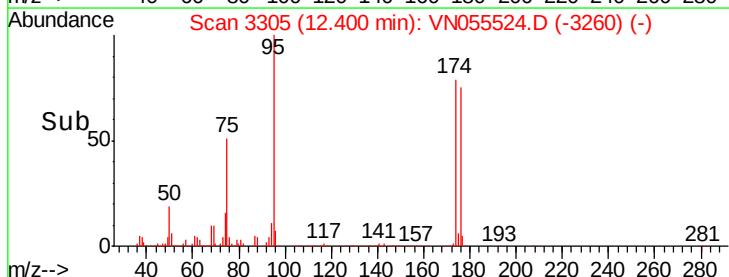
0

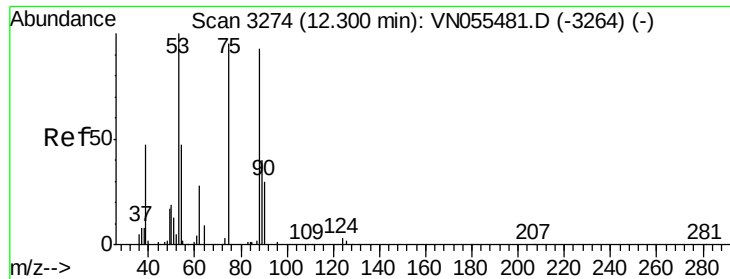
12.30

12.40

12.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 106.224 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampleId :

CKMW-04

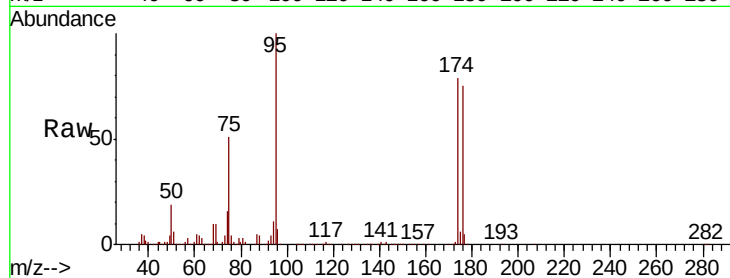
Tot Ion: 75 Resp: 256759

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

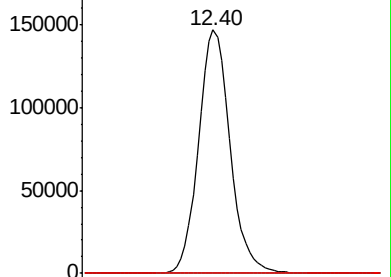
89 0.0 35.7 53.5#



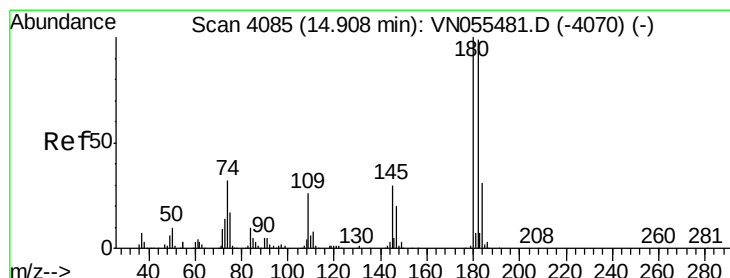
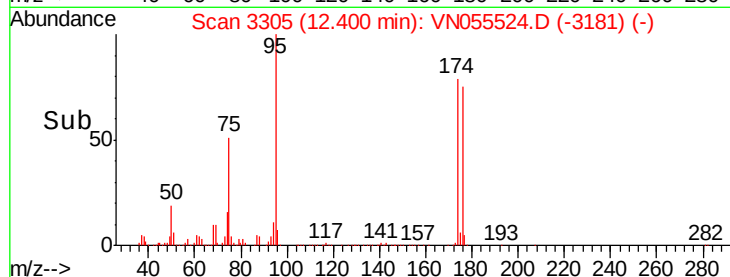
Abundance Ion 74.90 (74.60 to 75.60): VN055524.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055524.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055524.D (-3181) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.211 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

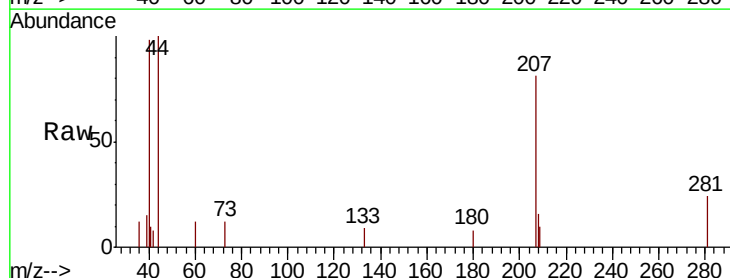
Tgt Ion: 180 Resp: 29

Ion Ratio Lower Upper

180 100

182 234.5 48.7 146.1#

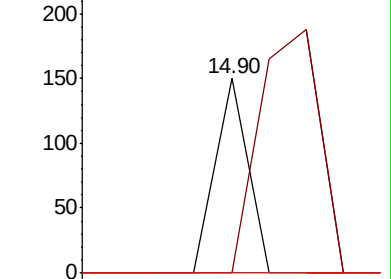
145 0.0 15.3 45.9#



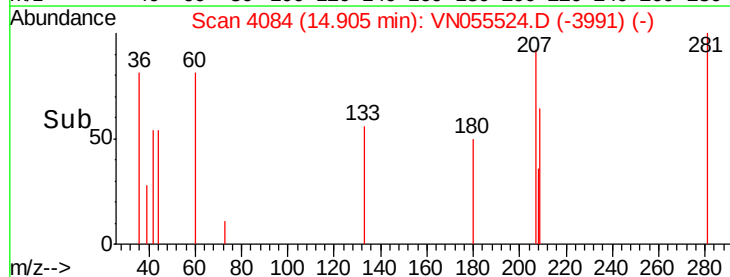
Abundance Ion 179.80 (179.50 to 180.50): VN055524.D (-3991) (-)

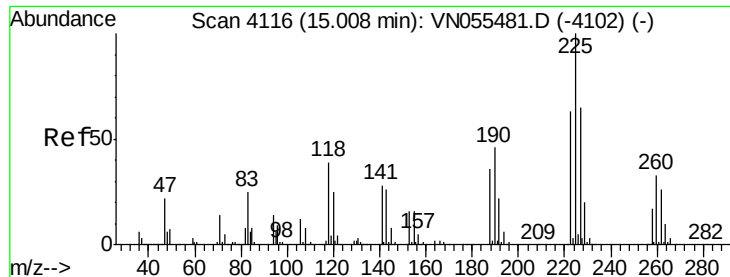
Ion 181.80 (181.50 to 182.50): VN055524.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN055524.D (-3991) (-)



Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA\_N

ClientSampled :

CKMW-04

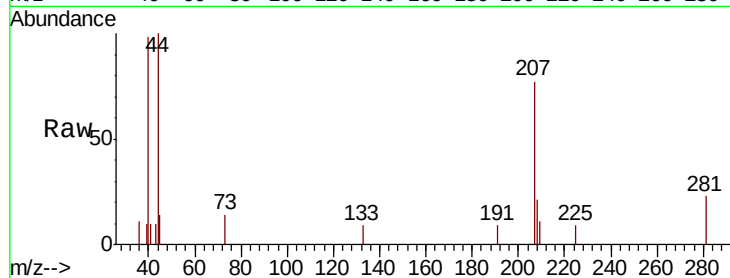
Tot Ion:225 Resp: 95

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.3#

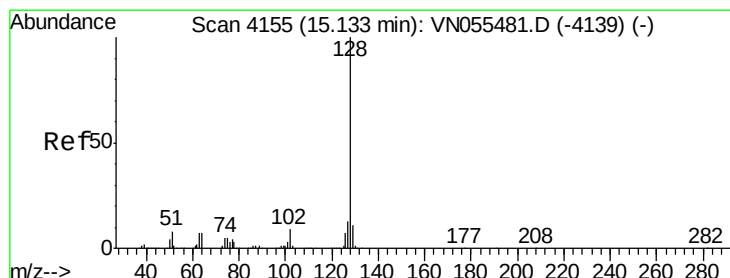
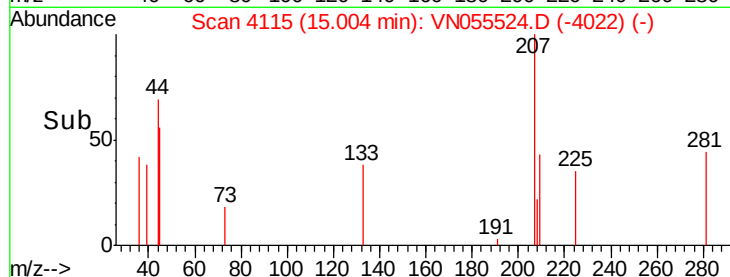
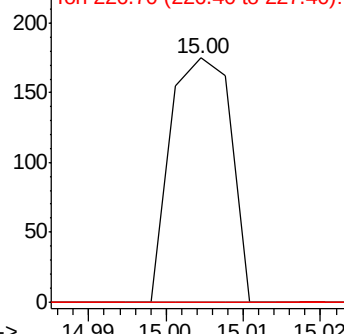
227 0.0 32.0 96.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.956 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

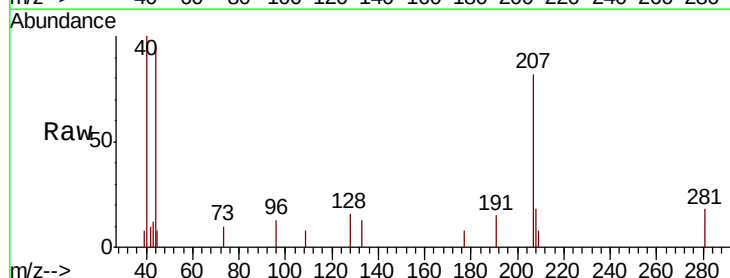
Tgt Ion:128 Resp: 276

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.8 13.2#



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

