

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055105.D
 Acq On : 17 Apr 2019 14:50
 Operator : JC/SP
 Sample : K2442-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

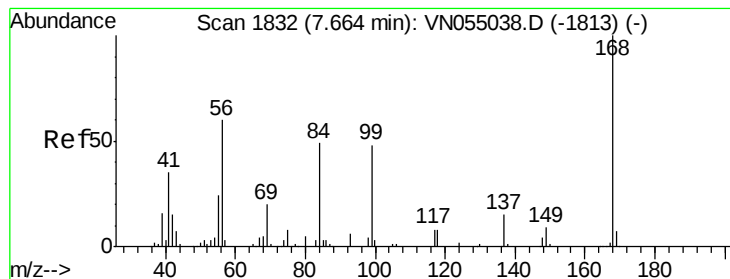
Quant Time: Apr 18 03:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	522112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	831424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	698514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	332548	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
35) Dibromofluoromethane	7.59	113	265523	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	996542	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	293342	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	82	0.216	ug/l #	72
13) Acrolein	3.61	56	308	0.655	ug/l	84
16) Acetone	3.82	43	11191	5.941	ug/l	96
18) Methyl Acetate	4.34	43	3963	0.295	ug/l #	68
20) Methylene Chloride	4.55	84	31405	4.743	ug/l	93
25) 2-Butanone	6.86	43	1035	0.368	ug/l #	53
29) Tetrahydrofuran	7.23	42	568	0.308	ug/l #	69
30) Chloroform	7.37	83	3003	0.278	ug/l	87
31) Cyclohexane	7.66	56	10654	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	38010	4.850	ug/l #	49
38) Carbon Tetrachloride	7.66	117	47846	6.416	ug/l #	16
43) Isopropyl Acetate	8.17	43	13089	1.331	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1463	0.222	ug/l #	44
48) Methyl methacrylate	9.18	41	7407	1.520	ug/l #	32
49) 1,4-Dioxane	8.97	88	33	0.723	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	4815	0.848	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	46958	5.600	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	9151	1.031	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	162	10.794	ug/l #	50
59) 2-Hexanone	10.76	43	145830	40.875	ug/l #	55
71) Bromoform	12.40	173	2846	0.960	ug/l #	1
74) N-amyl acetate	11.88	43	15287	2.602	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	150223	35.519	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5294	0.314	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	150223	142.035	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	6148	0.385	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	632	2.843	ug/l #	33
95) Naphthalene	15.14	128	15838	4.841	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	641	0.209	ug/l #	76

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

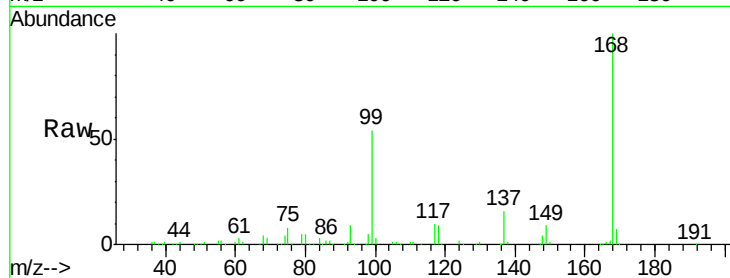
ClientSampleId :

Tot Ion:168 Resp: 522112

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

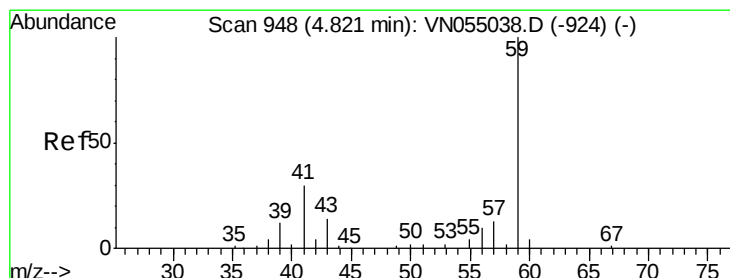
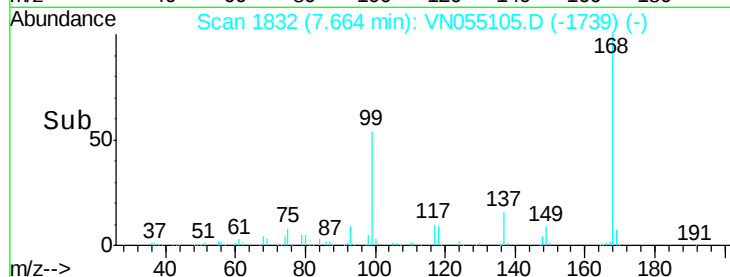
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.216 ug/l

RT: 4.83 min Scan# 951

Delta R.T. 0.01 min

Lab File: VN055105.D

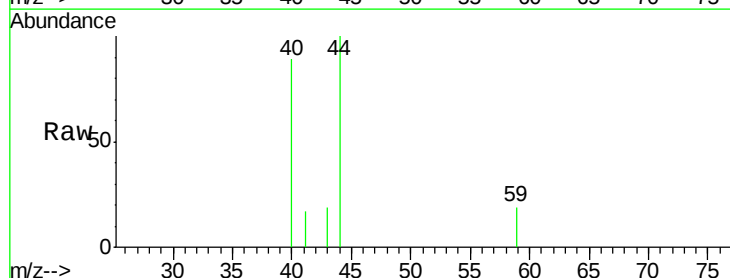
Acq: 17 Apr 2019 14:50

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.83

250

200

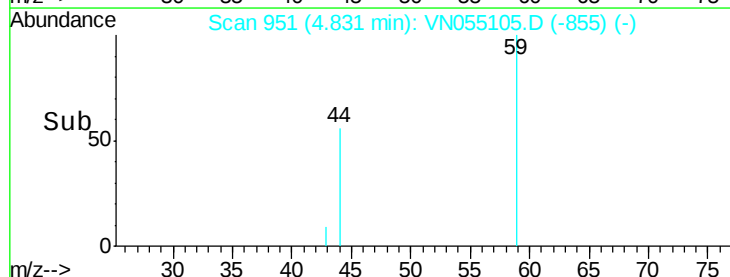
150

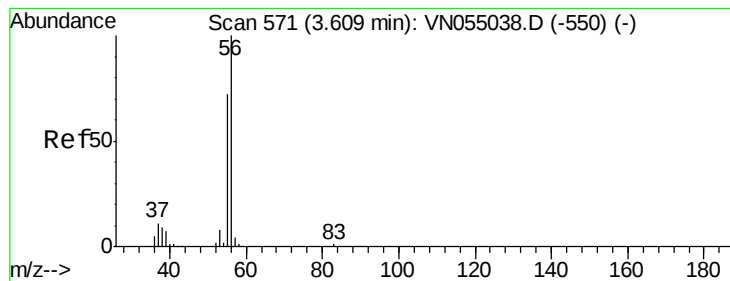
100

50

0

Time--> 4.82 4.83 4.84





#13

Acrolein

Concen: 0.655 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

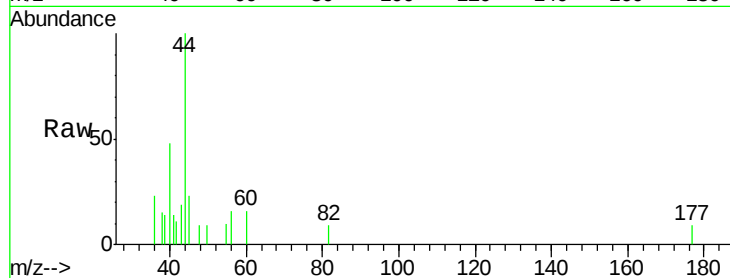
ClientSampleId :

Tot Ion: 56 Resp: 308

Ion Ratio Lower Upper

56 100

55 60.7 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

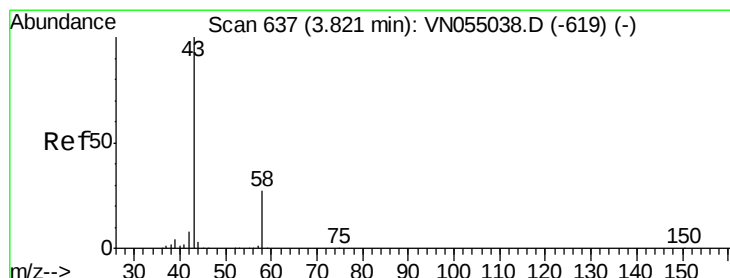
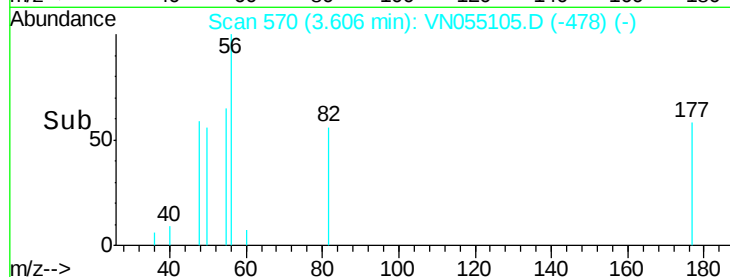
300

200

100

0

Time--> 3.58 3.59 3.60 3.61 3.62



#16

Acetone

Concen: 5.941 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055105.D

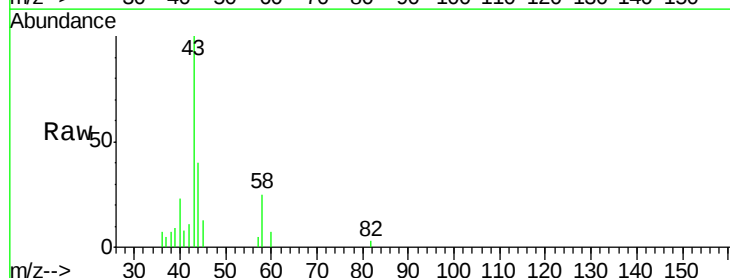
Acq: 17 Apr 2019 14:50

Tgt Ion: 43 Resp: 11191

Ion Ratio Lower Upper

43 100

58 28.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

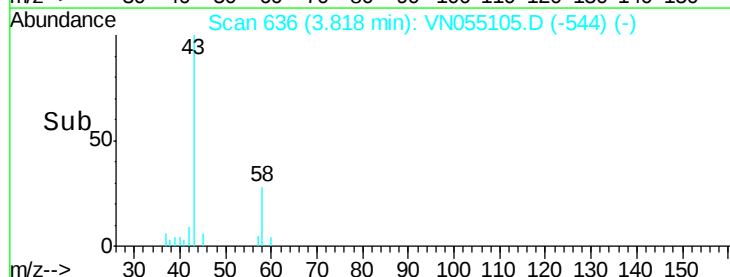
3000

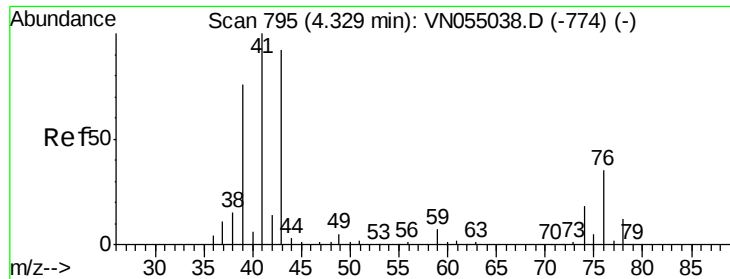
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

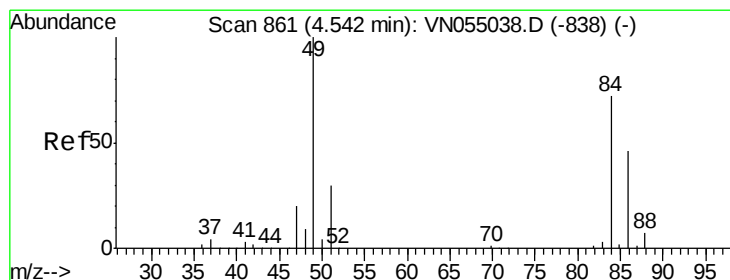
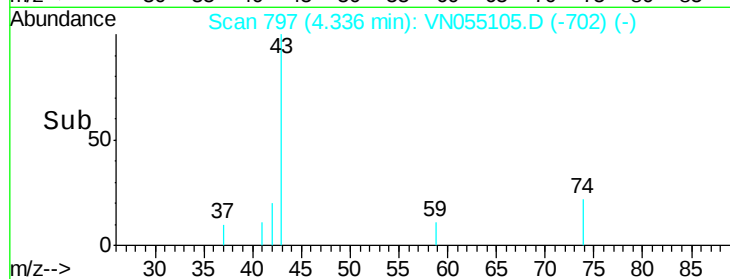
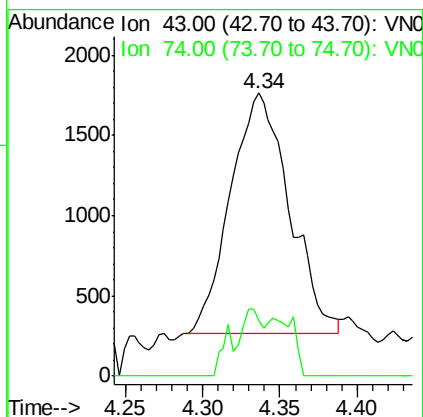
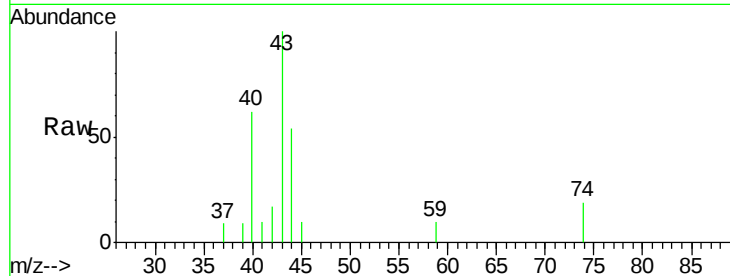




#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

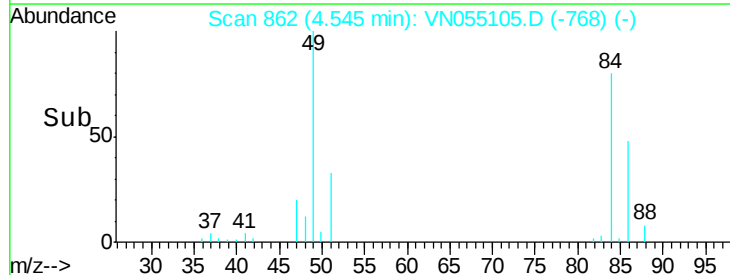
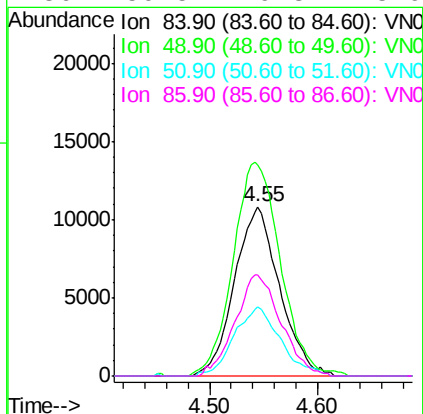
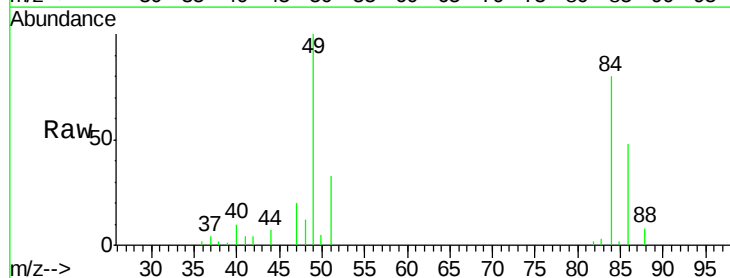
Instrument :
MSVOA_N
ClientSampleId :

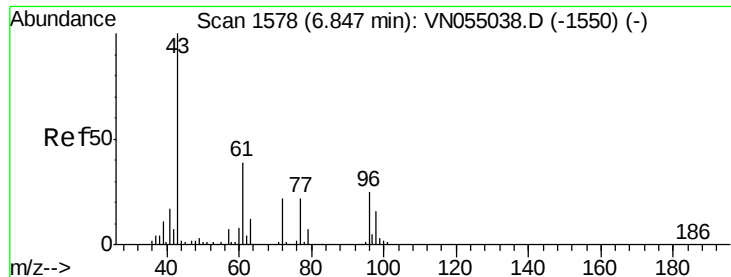
Tot Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
74 5.5 16.1 24.1#



#20
Methylene Chloride
Concen: 4.743 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

Tgt Ion: 84 Resp: 31405
Ion Ratio Lower Upper
84 100
49 124.9 109.4 164.2
51 41.0 32.2 48.4
86 59.5 49.3 73.9





#25

2-Butanone

Concen: 0.368 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

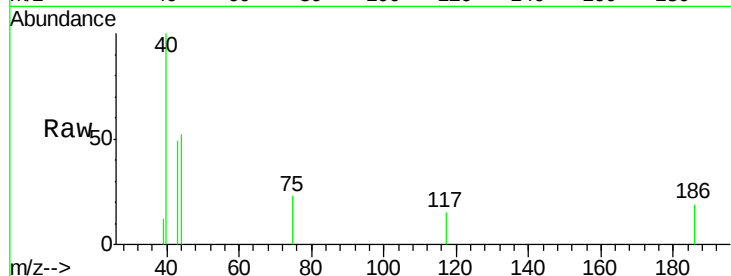
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1035

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.86

800

600

400

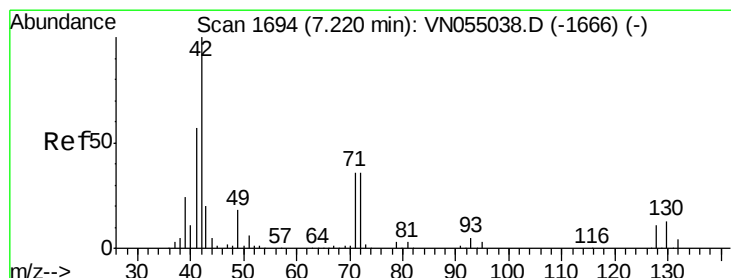
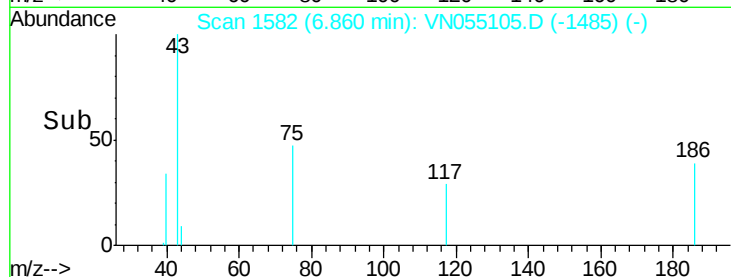
200

0

6.85

6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.308 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

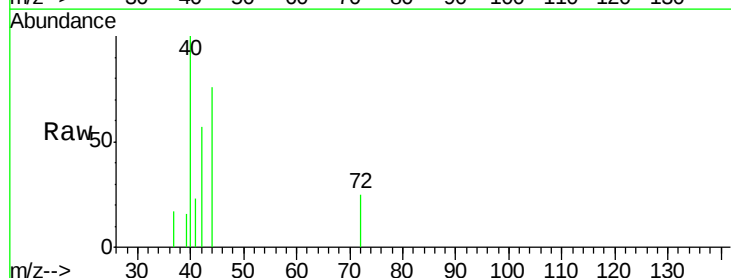
Tgt Ion: 42 Resp: 568

Ion Ratio Lower Upper

42 100

72 44.0 29.4 44.0

71 5.5 27.8 41.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

600

400

200

0

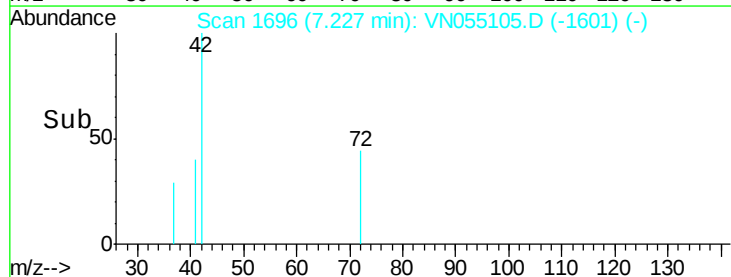
7.23

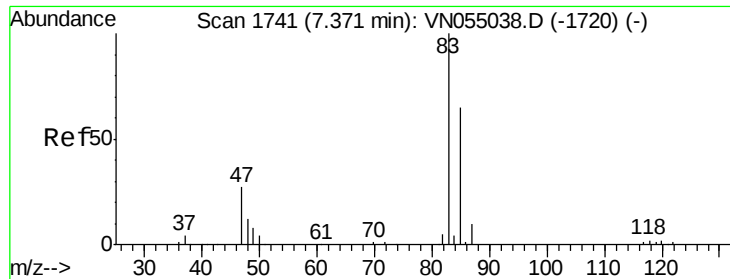
7.22

7.24

7.26

Time-->

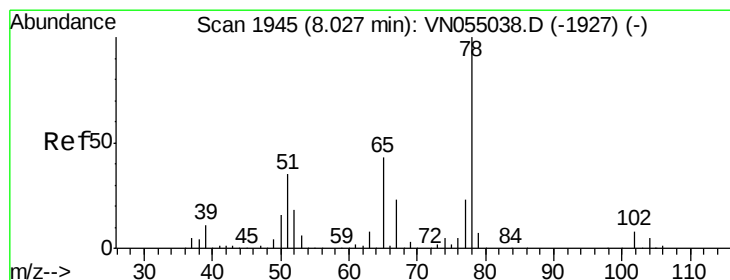
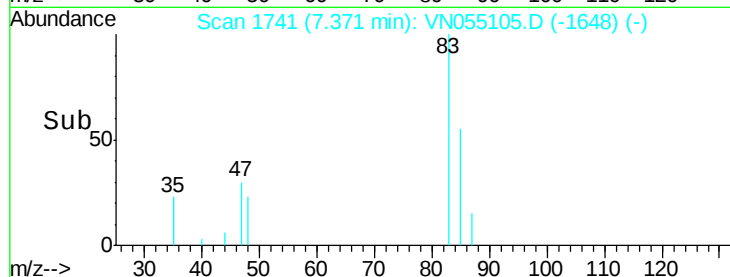
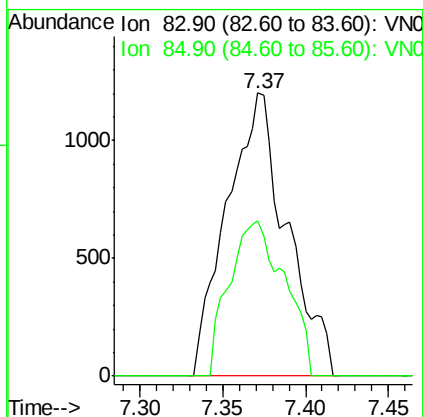
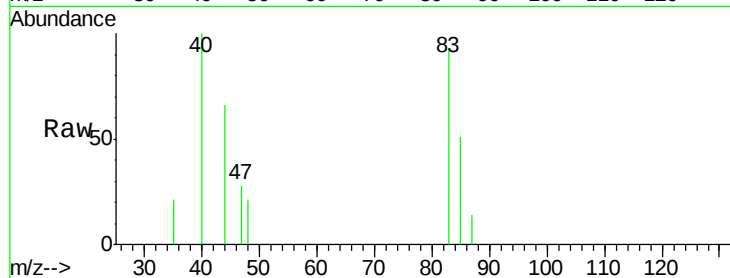




#30
Chloroform
Concen: 0.278 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

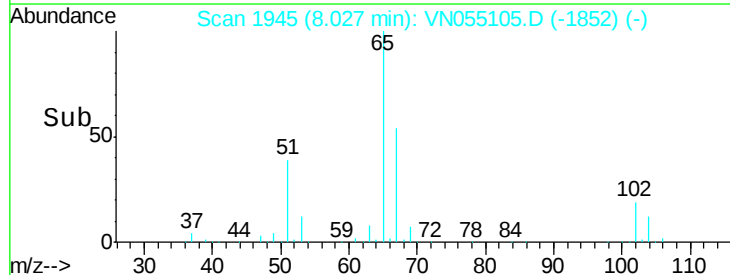
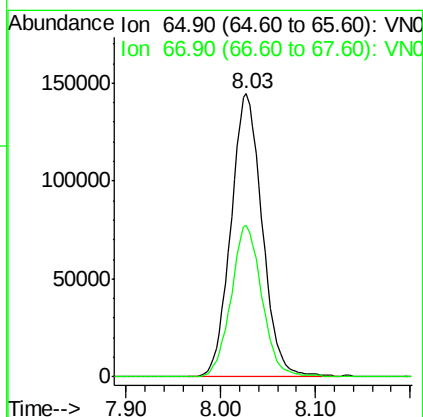
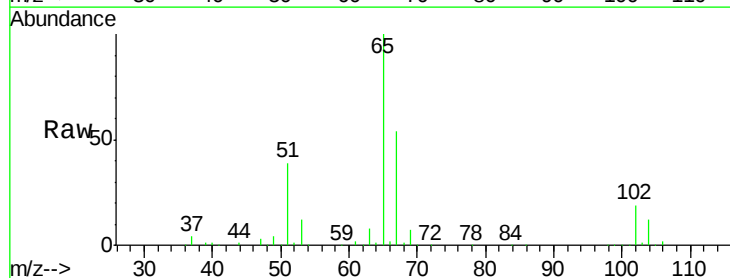
Instrument :
MSVOA_N
ClientSampled :

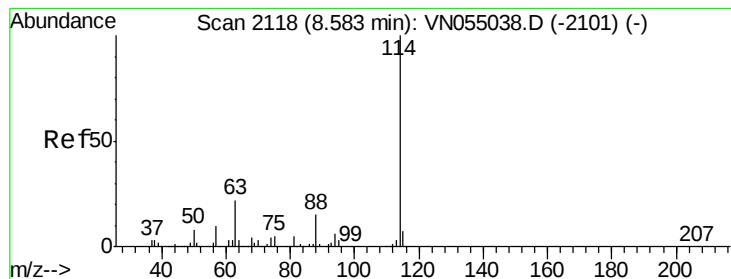
Tot Ion: 83 Resp: 3003
Ion Ratio Lower Upper
83 100
85 54.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 47.916 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

Tgt Ion: 65 Resp: 332548
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

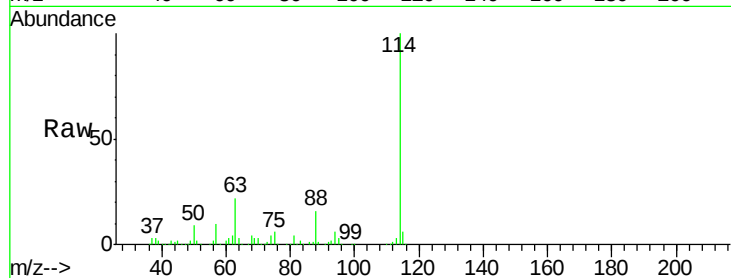
Tot Ion:114 Resp: 831424

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

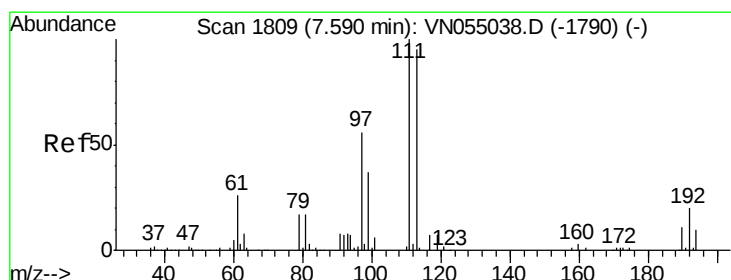
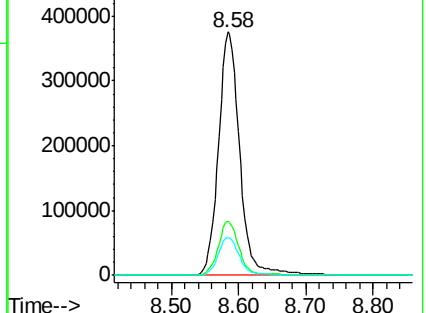
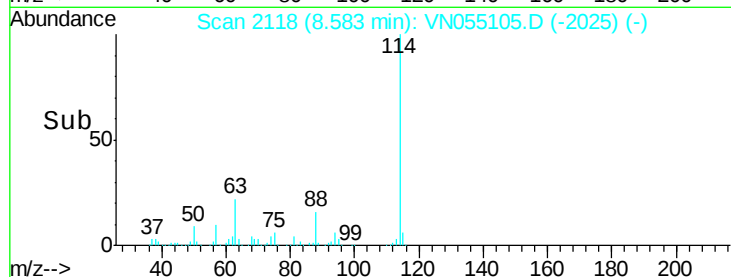
88 15.6 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.786 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

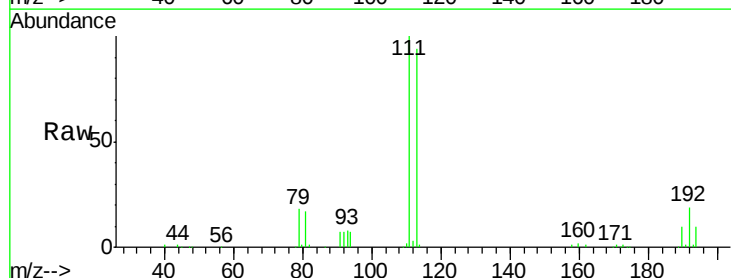
Tgt Ion:113 Resp: 265523

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

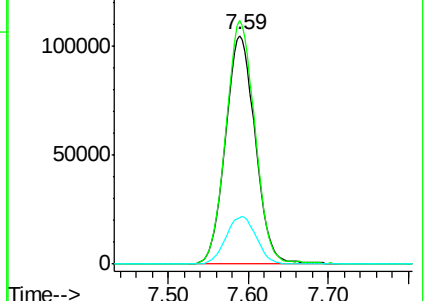
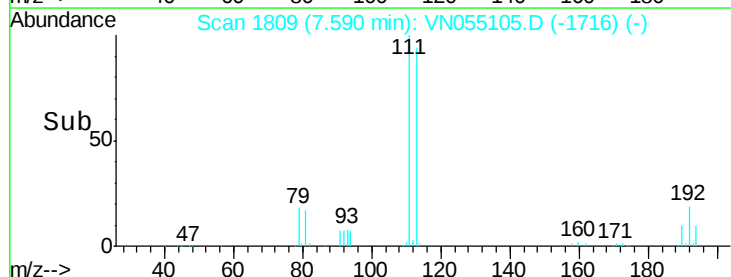
192 21.2 16.5 24.7

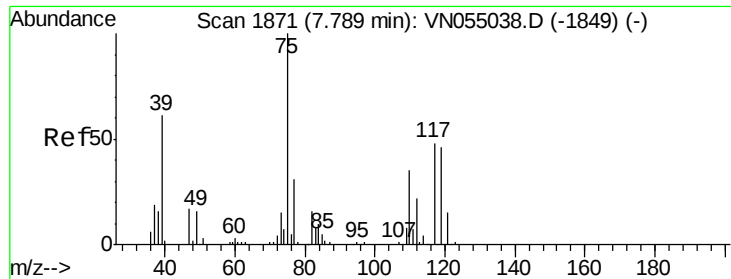


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

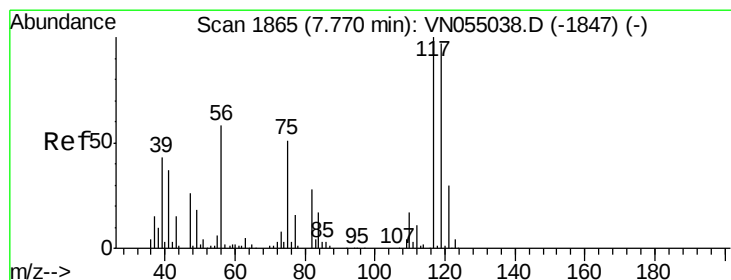
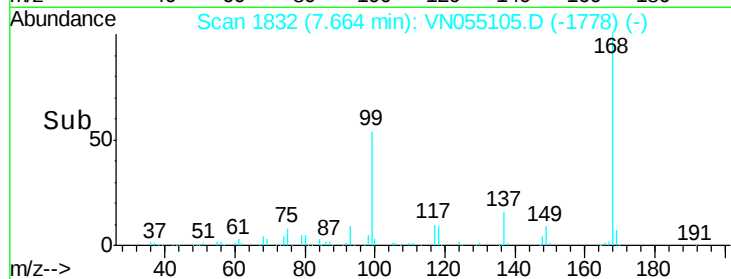
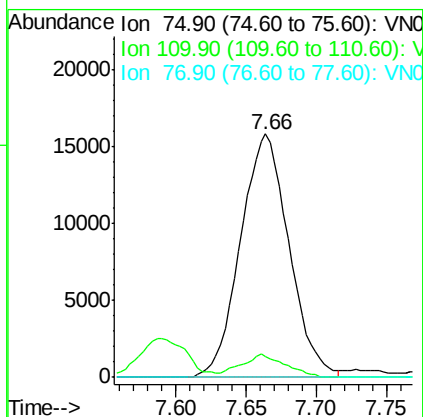
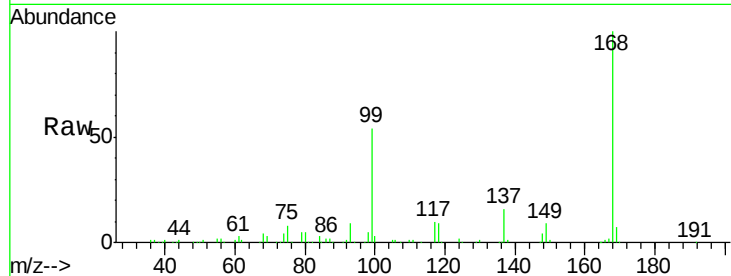




#36
 1,1-Dichloropropene
 Concen: 4.850 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

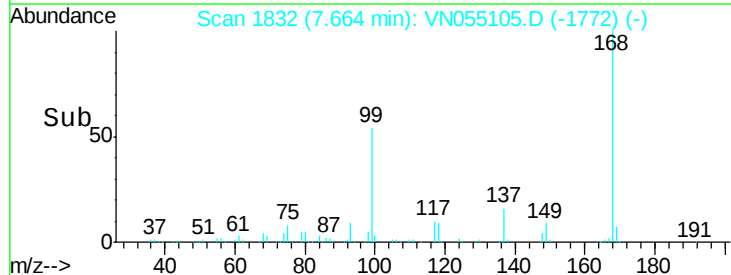
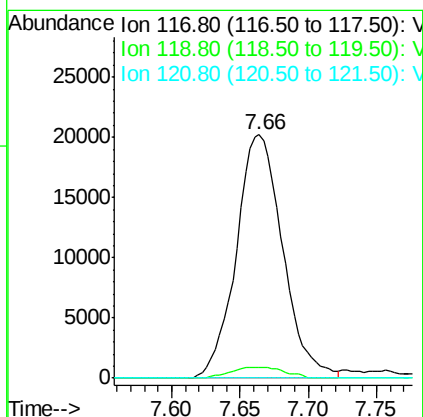
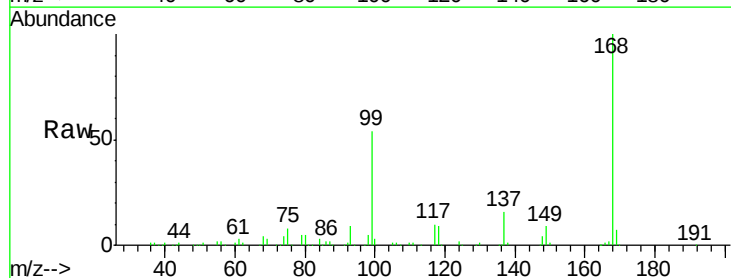
Instrument :
 MSVOA_N
 ClientSampleId :

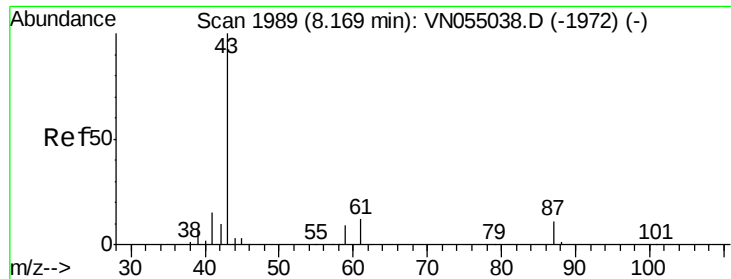
Tot Ion: 75 Resp: 38010
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.416 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

Tgt Ion: 117 Resp: 47846
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 1.331 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

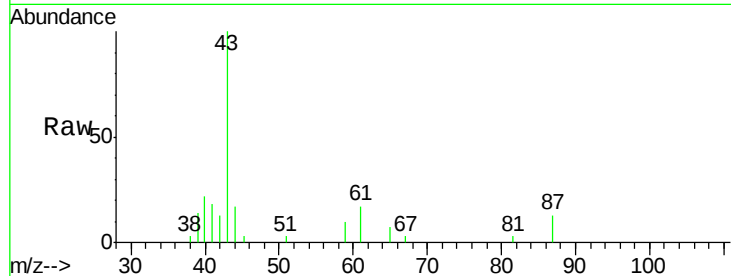
Tot Ion: 43 Resp: 13089

Ion Ratio Lower Upper

43 100

61 17.4 14.3 21.5

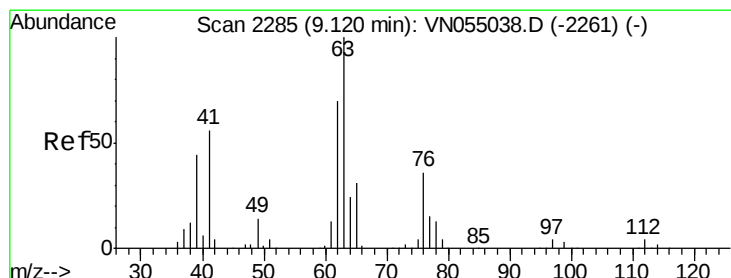
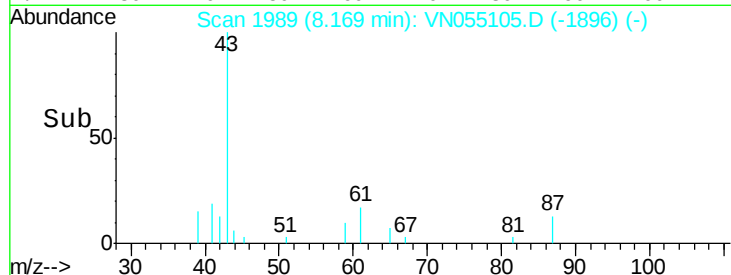
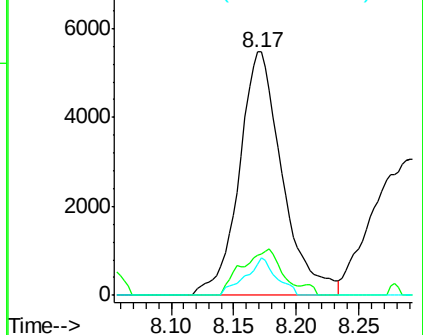
87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055105.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055105.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055105.D (-1896) (-)



#45

1,2-Dichloropropane

Concen: 0.222 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055105.D

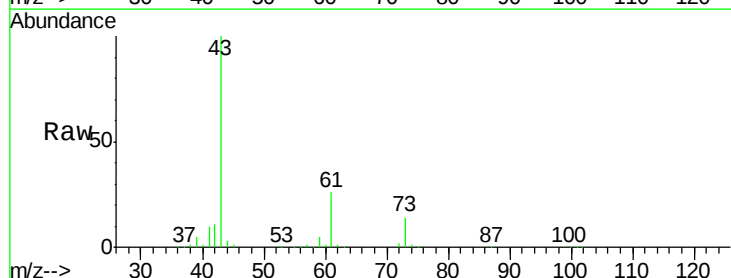
Acq: 17 Apr 2019 14:50

Tgt Ion: 63 Resp: 1463

Ion Ratio Lower Upper

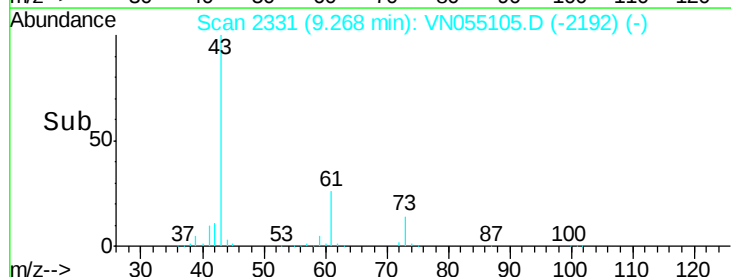
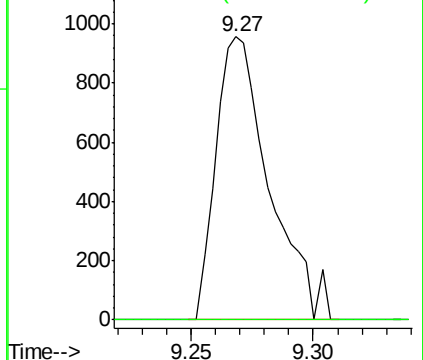
63 100

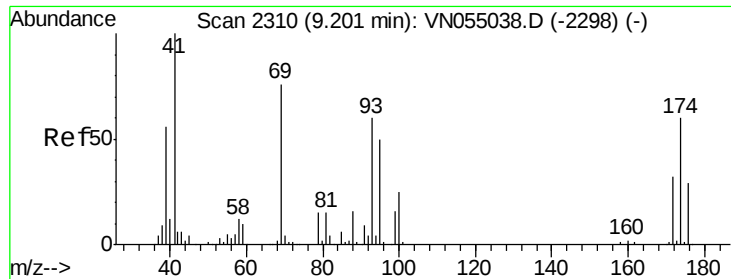
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN055105.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN055105.D (-2192) (-)

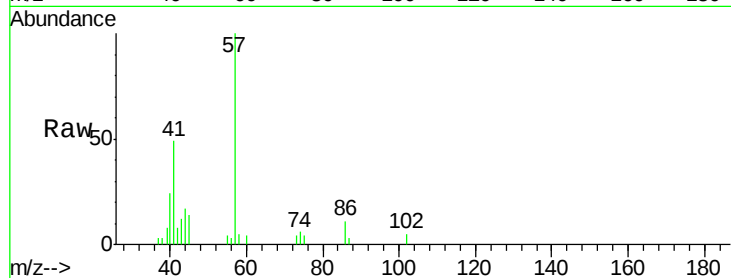




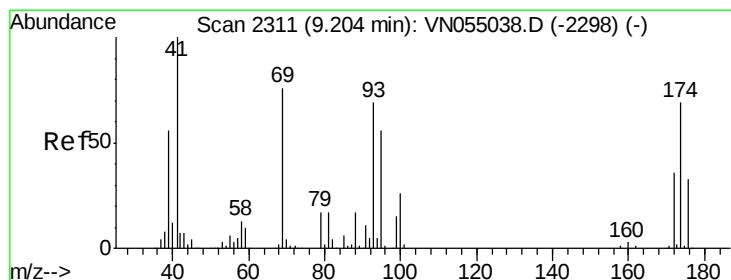
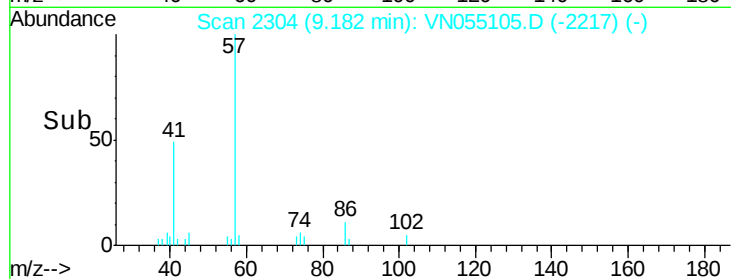
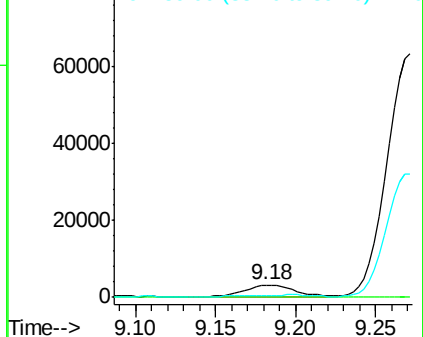
#48
Methvl methacrylate
Concen: 1.520 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 7407
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 26.7 43.9 65.9#

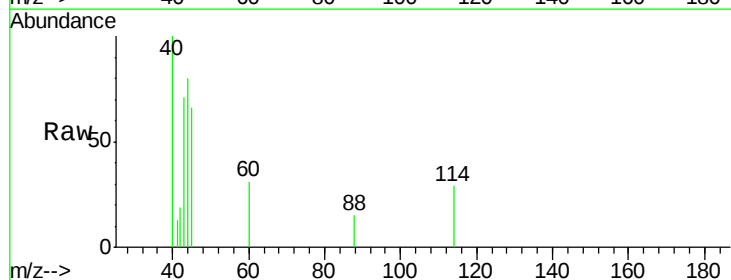


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

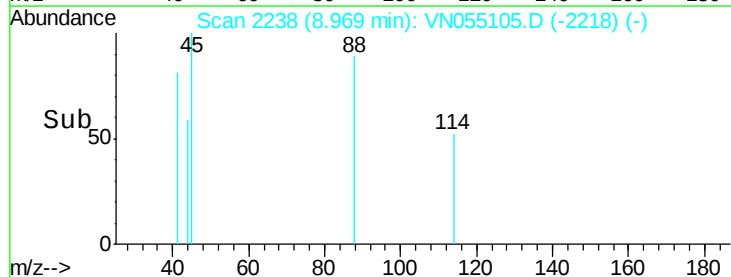
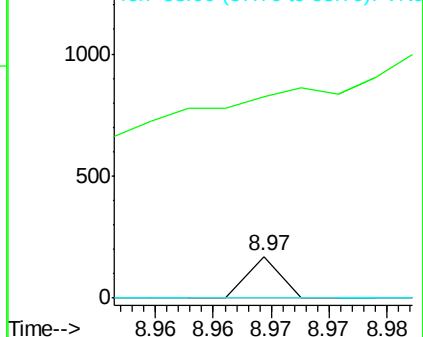


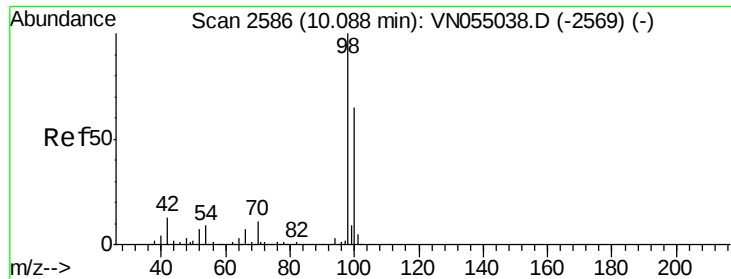
#49
1,4-Dioxane
Concen: 0.723 ug/l
RT: 8.97 min Scan# 2238
Delta R.T. -0.23 min
Lab File: VN055105.D
Acq: 17 Apr 2019 14:50

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 31.8 47.8#
58 0.0 61.6 92.4#



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





#50

Toluene-d8

Concen: 50.110 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

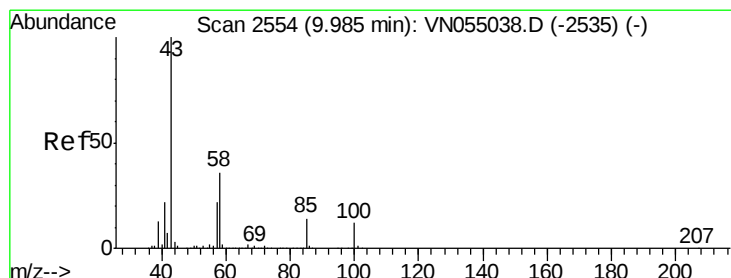
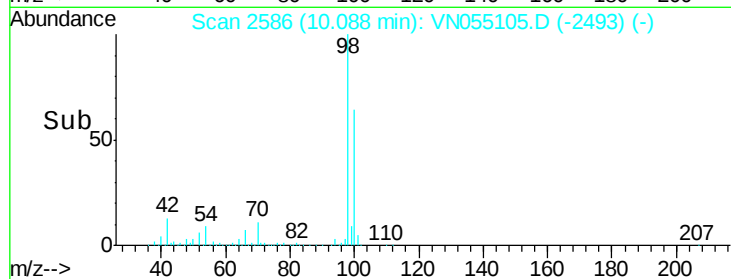
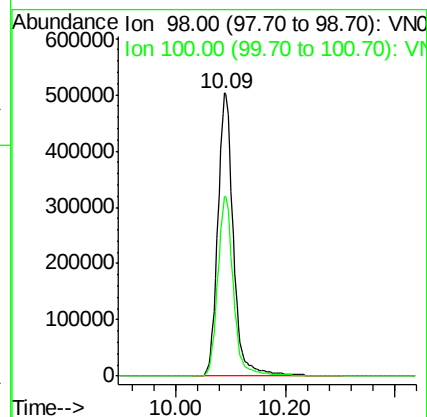
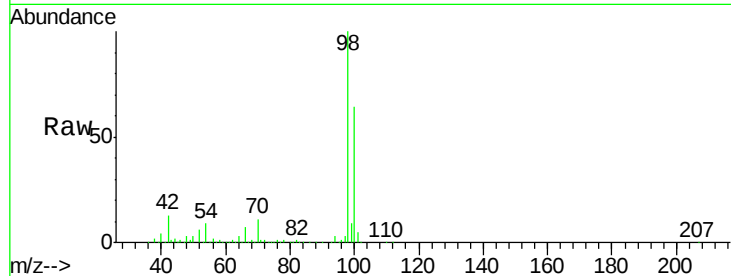
ClientSampled :

Tot Ion: 98 Resp: 996542

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.848 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055105.D

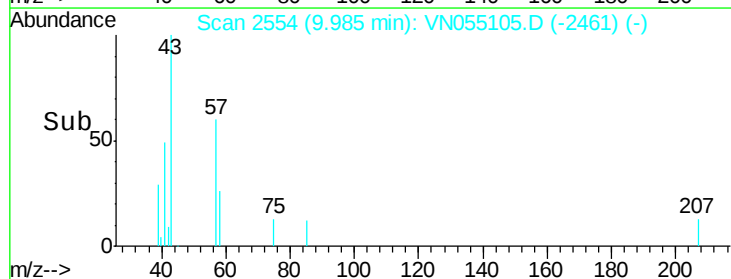
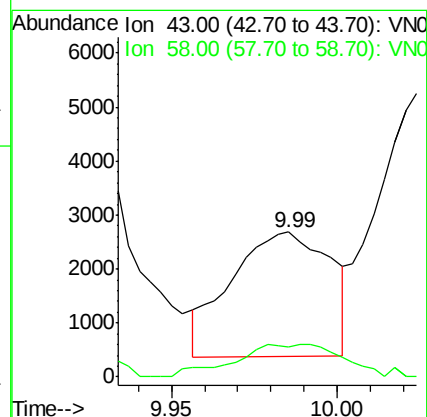
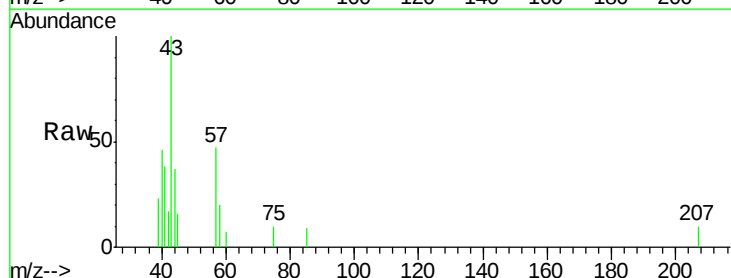
Acq: 17 Apr 2019 14:50

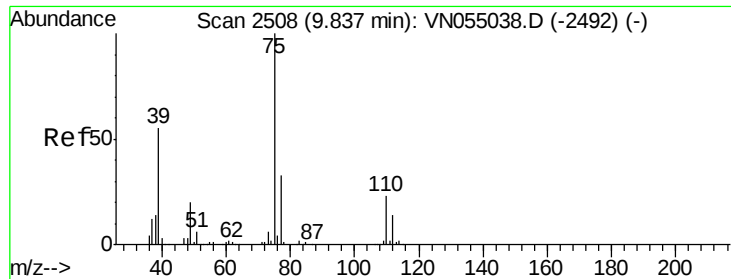
Tgt Ion: 43 Resp: 4815

Ion Ratio Lower Upper

43 100

58 28.6 29.0 43.4#



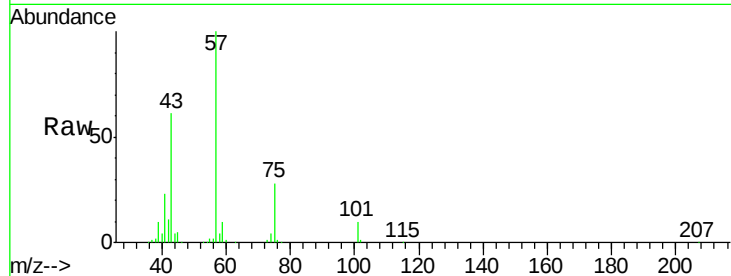


#54

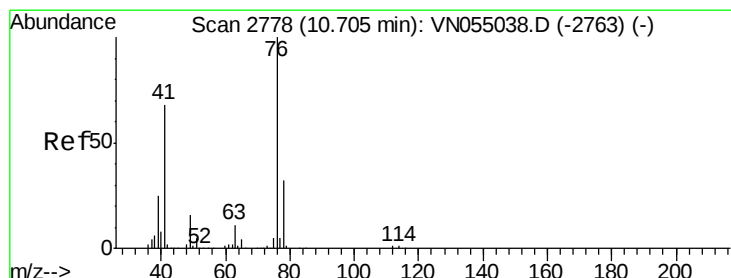
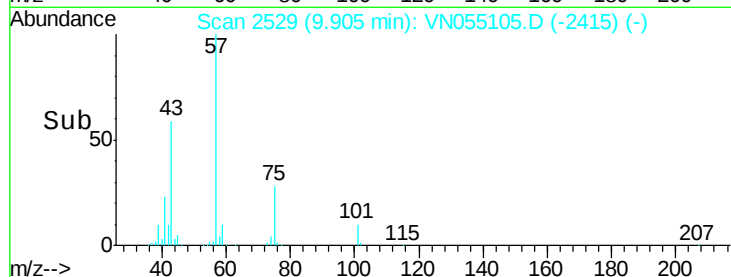
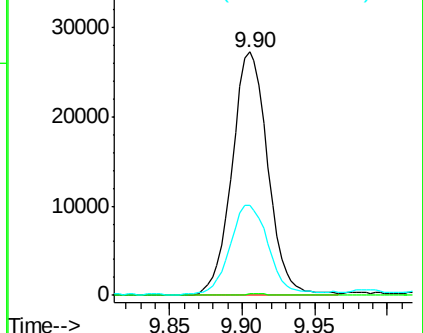
cis-1,3-Dichloropropene
 Concen: 5.600 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	36.2	43.8	65.8#



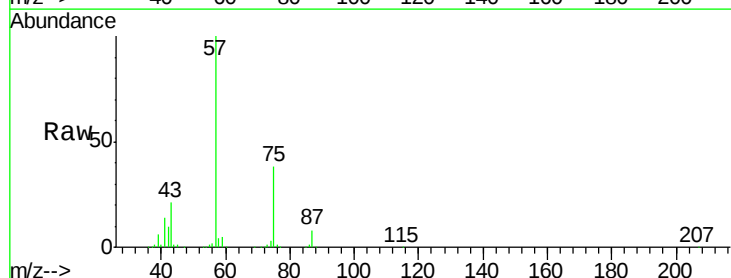
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



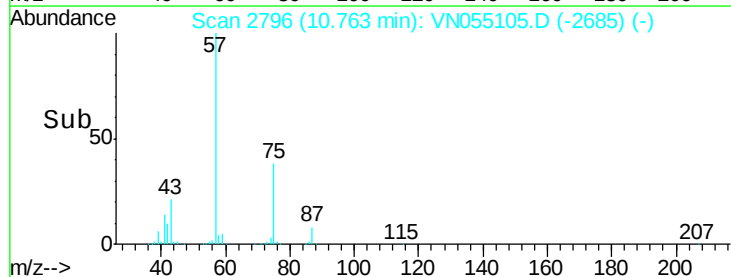
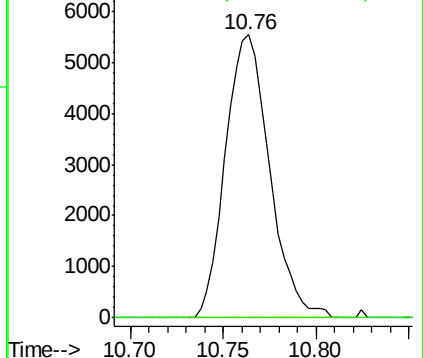
#57

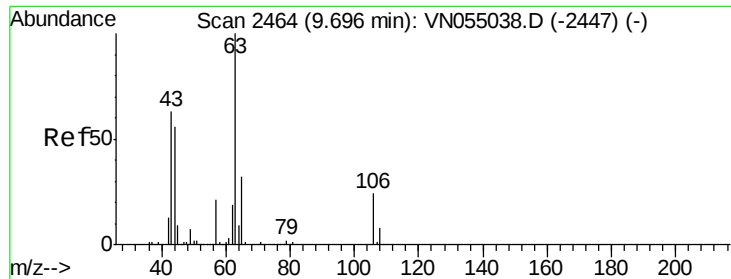
1,3-Dichloropropane
 Concen: 1.031 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO

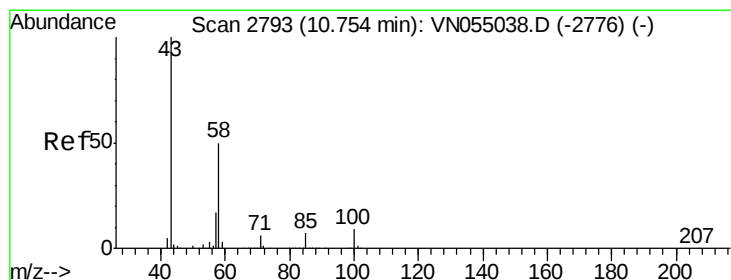
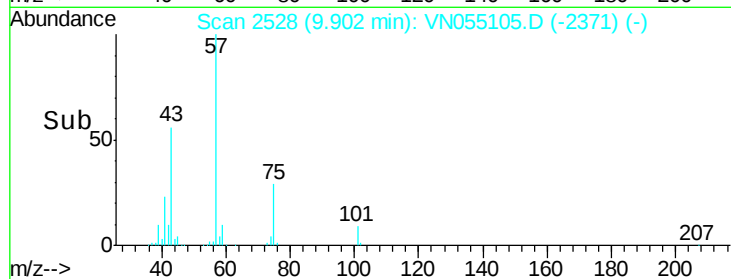
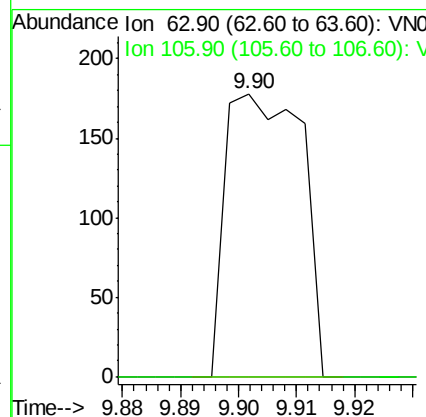
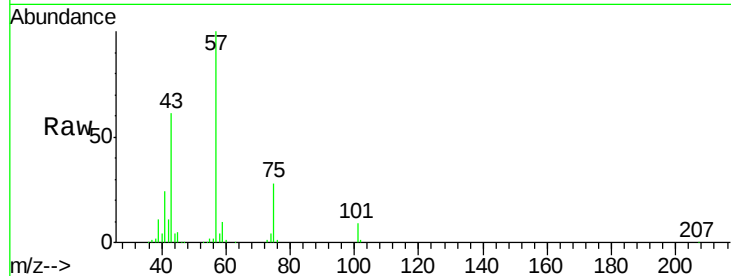




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.794 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.21 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

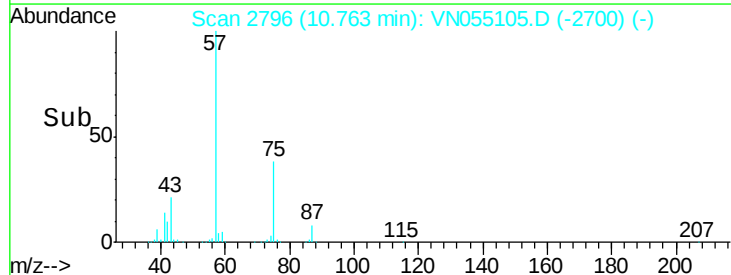
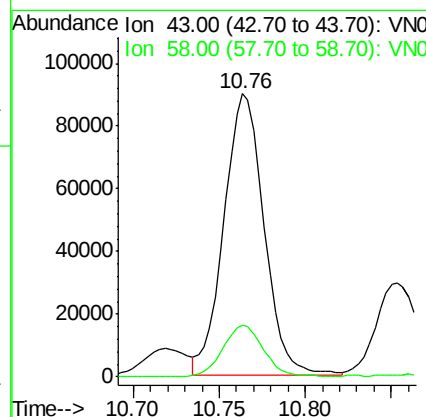
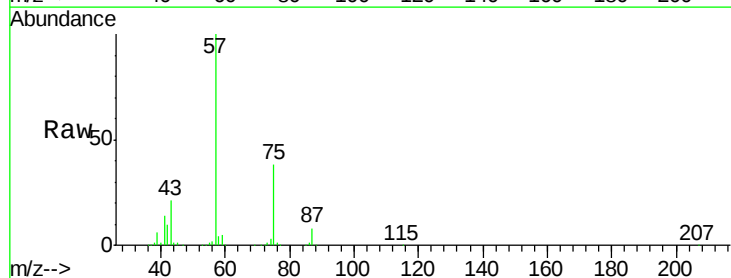
Instrument :
 MSVOA_N
 ClientSampleId :

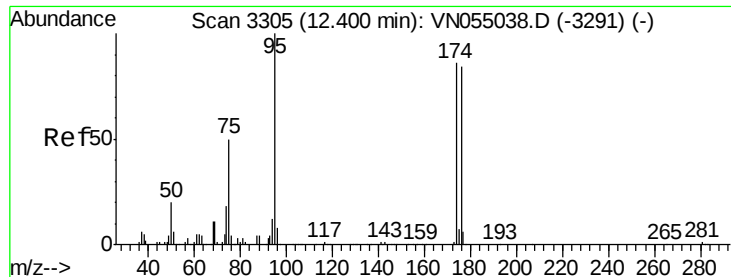
Tot Ion: 63 Resp: 162
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#59
 2-Hexanone
 Concen: 40.875 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055105.D
 Acq: 17 Apr 2019 14:50

Tgt Ion: 43 Resp: 145830
 Ion Ratio Lower Upper
 43 100
 58 18.8 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 45.372 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

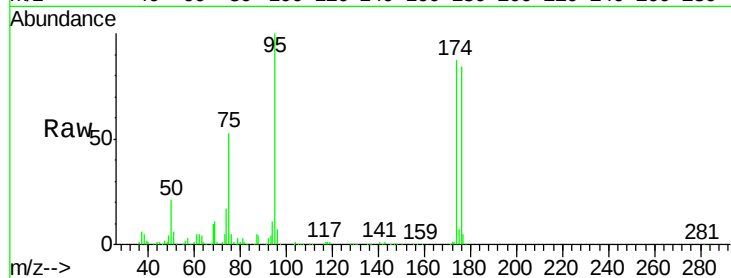
Tot Ion: 95 Resp: 293342

Ion Ratio Lower Upper

95 100

174 86.0 0.0 174.4

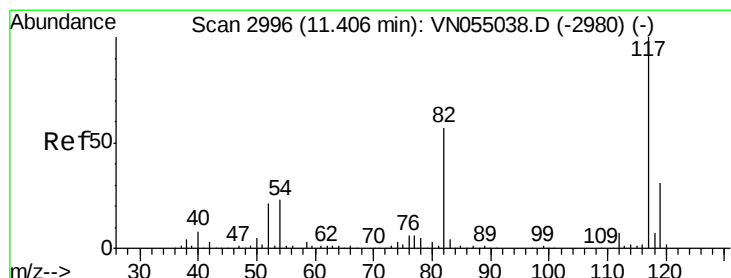
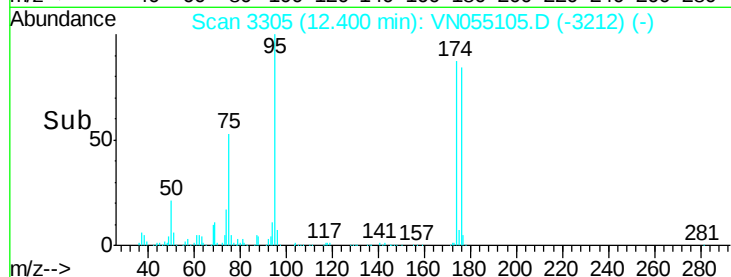
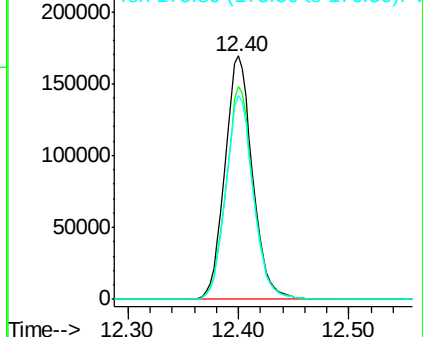
176 83.2 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055105.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055105.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055105.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

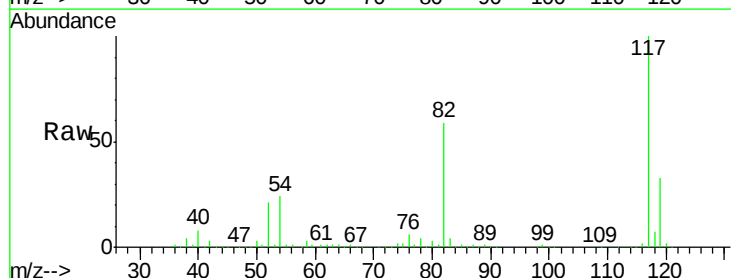
Tgt Ion: 117 Resp: 698514

Ion Ratio Lower Upper

117 100

82 58.5 44.6 66.8

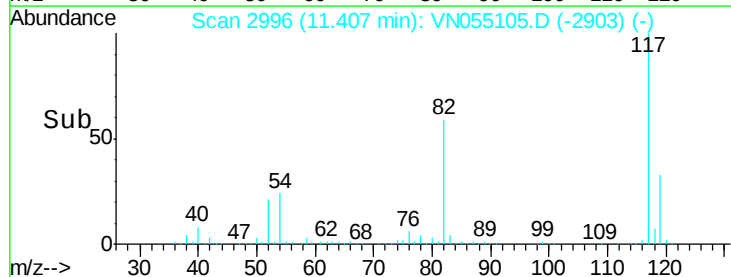
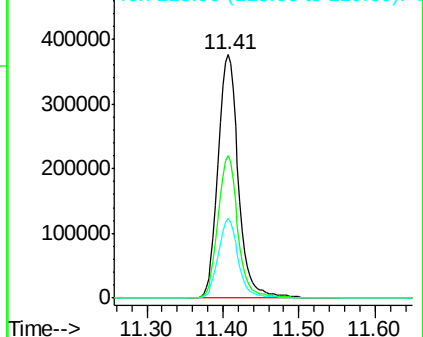
119 32.5 25.5 38.3

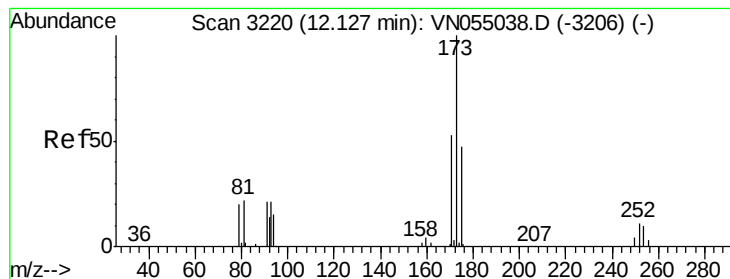


Abundance Ion 116.90 (116.60 to 117.60): VN055105.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055105.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055105.D (-2980) (-)





#71

Bromoform

Concen: 0.960 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampleId :

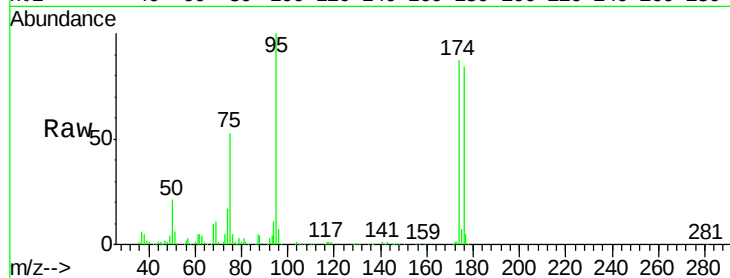
Tot Ion:173 Resp: 2846

Ion Ratio Lower Upper

173 100

175 589.8 24.3 73.0#

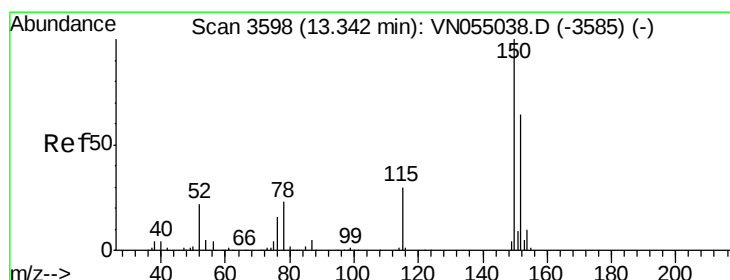
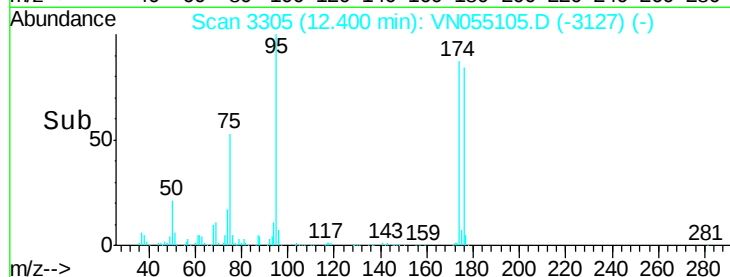
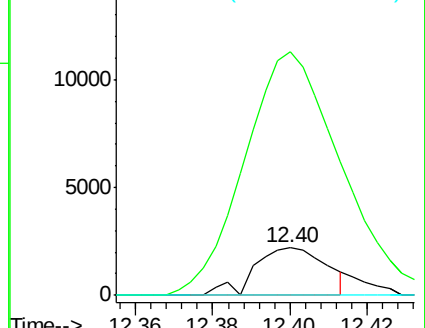
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

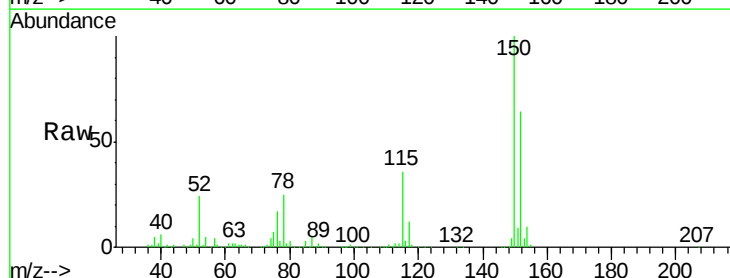
Tgt Ion:152 Resp: 235195

Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.6

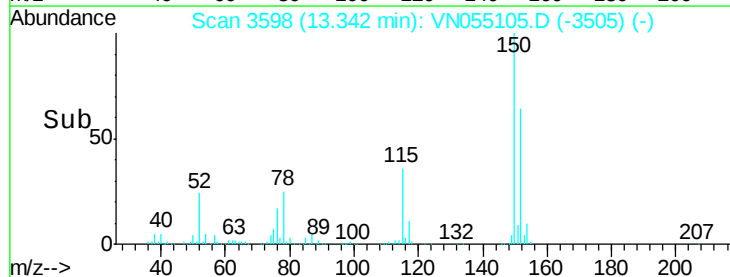
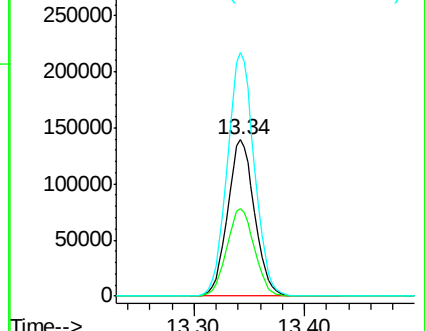
150 156.5 0.0 347.2

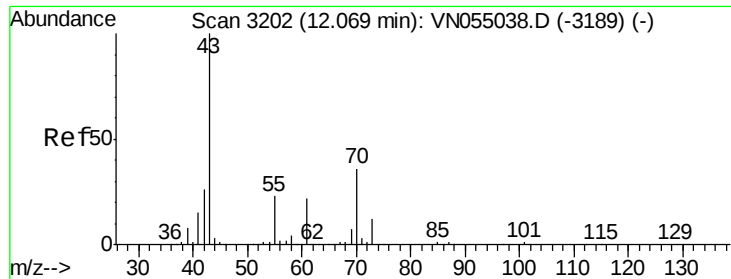


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.602 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055105.D

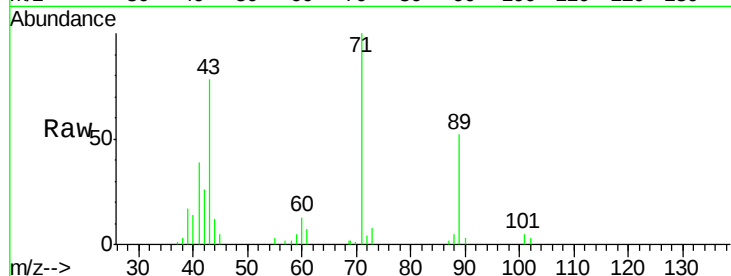
Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	43	Resp:	15287
Ion	Ratio	Lower	Upper
43	100		
70	1.2	29.4	44.0#
55	4.9	19.0	28.4#
61	8.8	17.7	26.5#

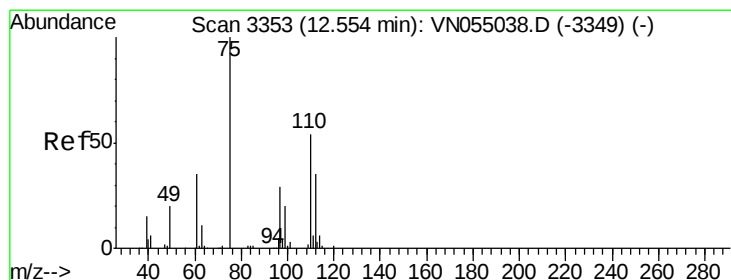
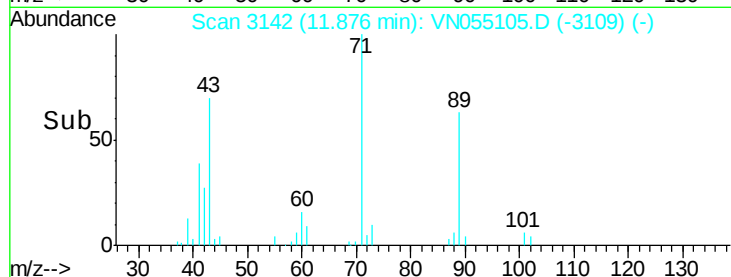
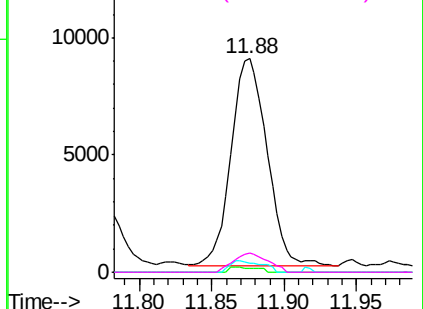


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.519 ug/l

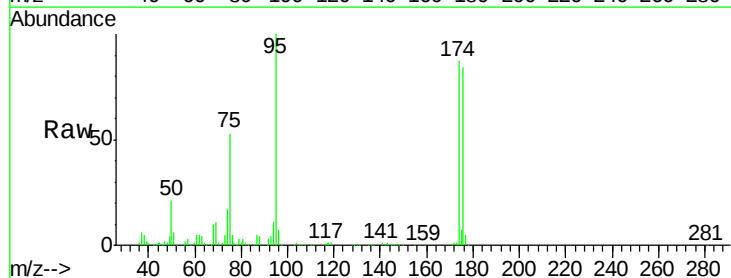
RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055105.D

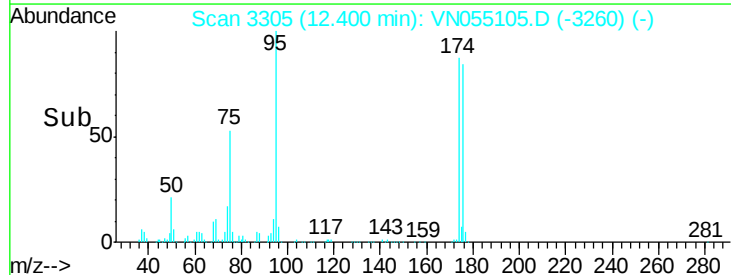
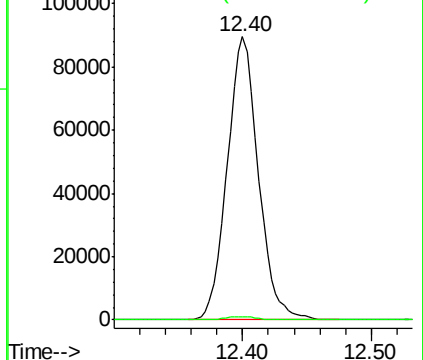
Acq: 17 Apr 2019 14:50

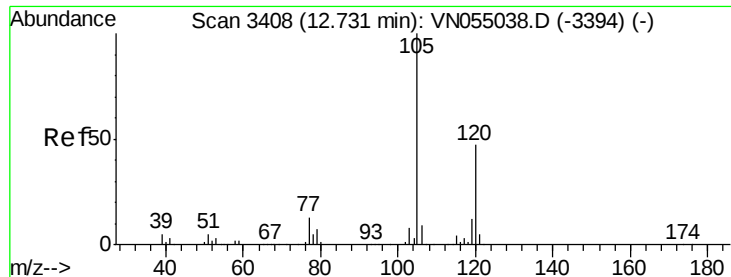
Tgt Ion:	75	Resp:	150223
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.314 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

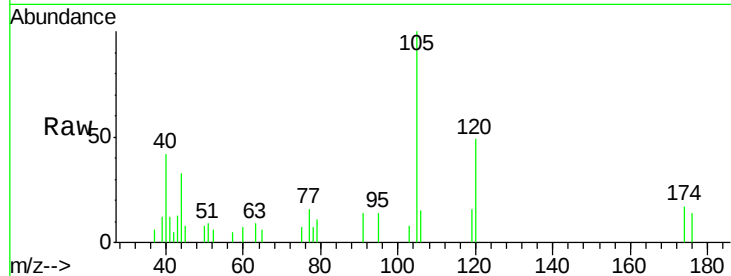
ClientSampleId :

Tot Ion:105 Resp: 5294

Ion Ratio Lower Upper

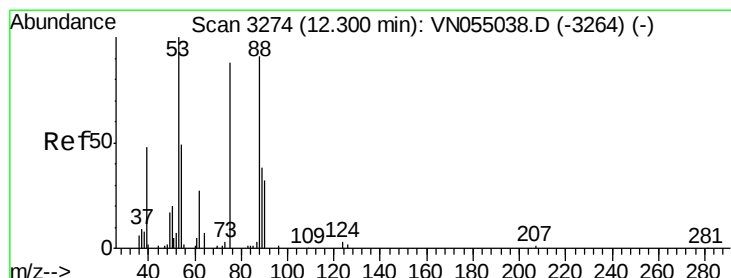
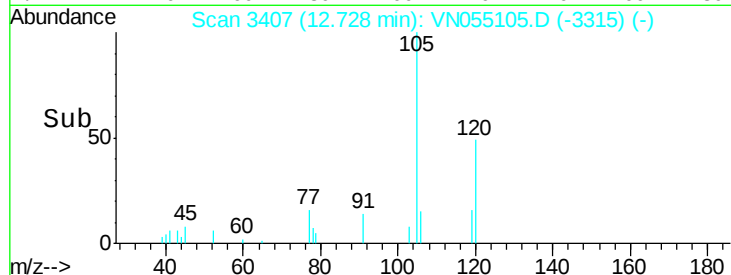
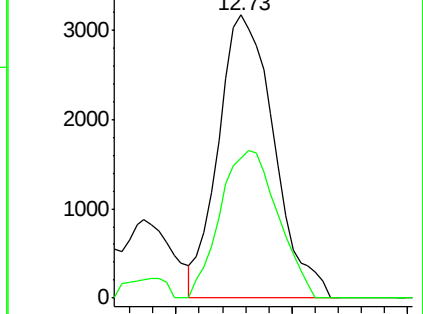
105 100

120 53.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 142.035 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

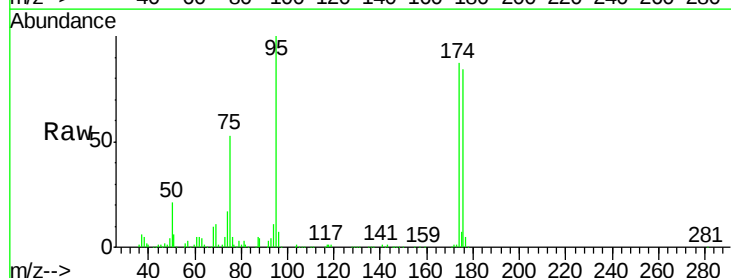
Tgt Ion: 75 Resp: 150223

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

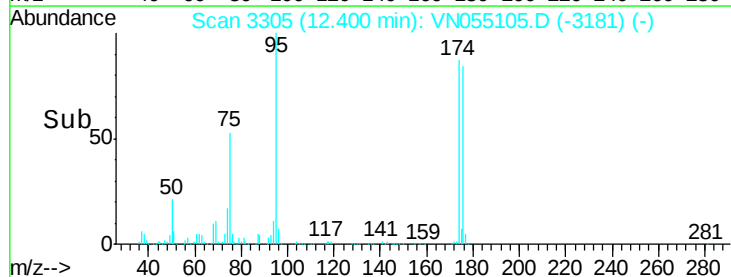
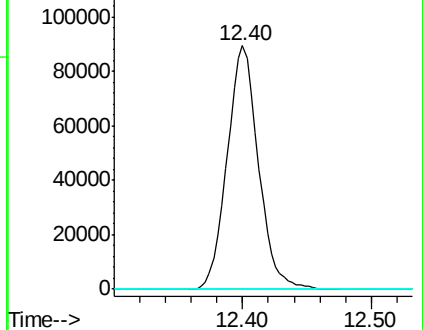
89 0.0 38.6 57.8#

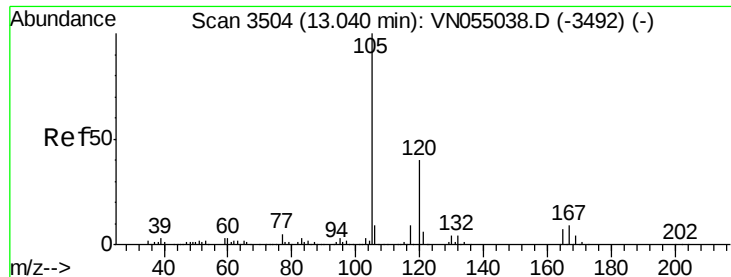


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.385 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

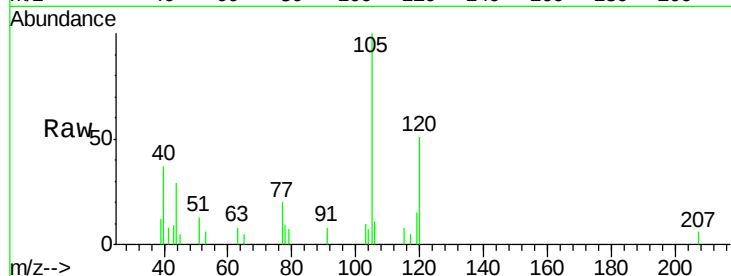
ClientSampleId :

Tot Ion:105 Resp: 6148

Ion Ratio Lower Upper

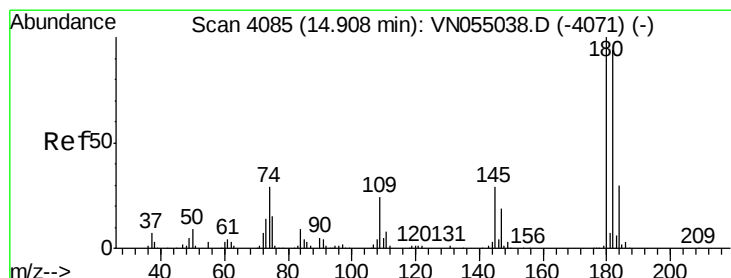
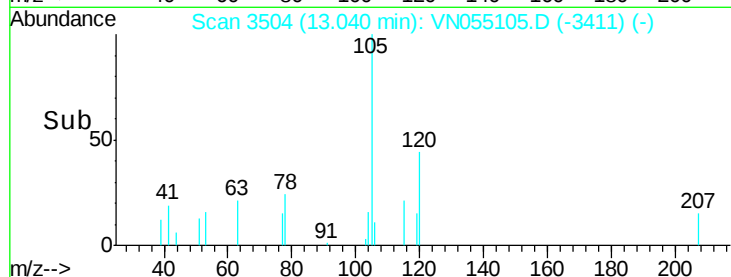
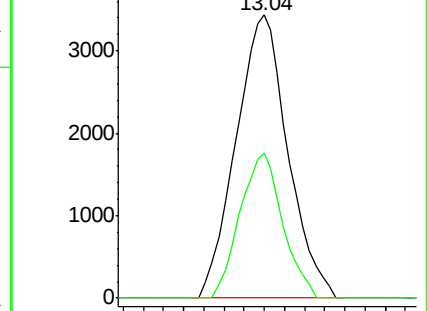
105 100

120 42.3 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.843 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

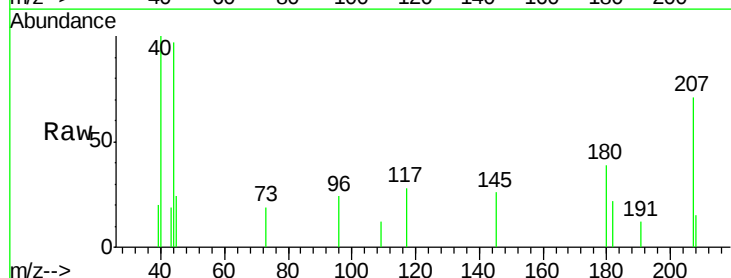
Tgt Ion:180 Resp: 632

Ion Ratio Lower Upper

180 100

182 30.1 47.5 142.6#

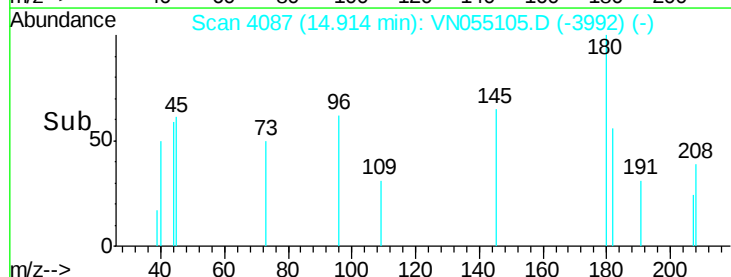
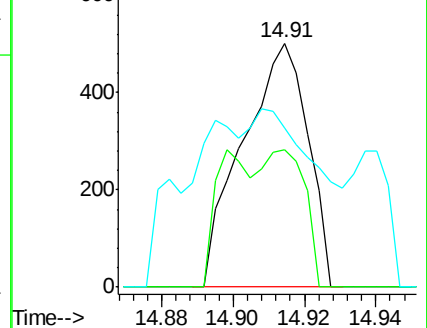
145 64.1 14.2 42.8#

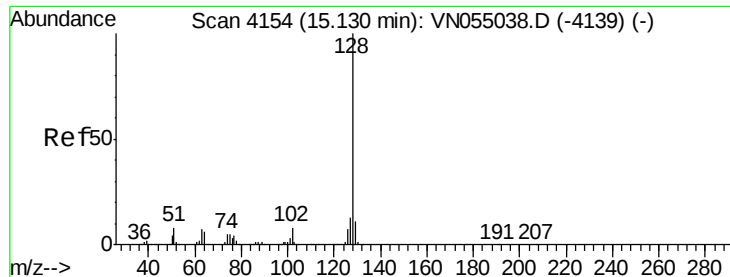


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.841 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

Instrument :

MSVOA_N

ClientSampled :

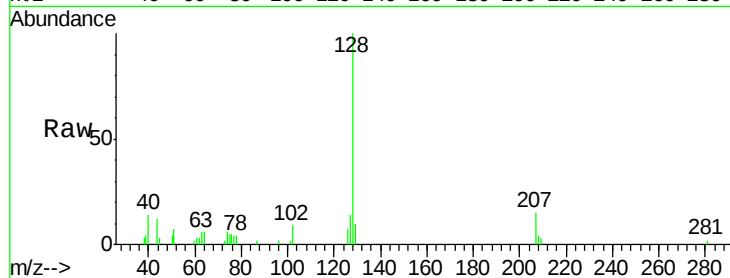
Tot Ion:128 Resp: 15838

Ion Ratio Lower Upper

128 100

127 14.6 10.1 15.1

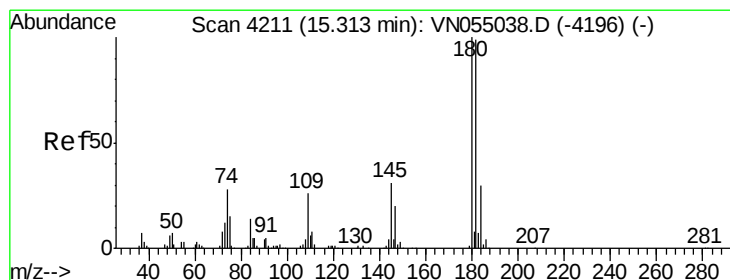
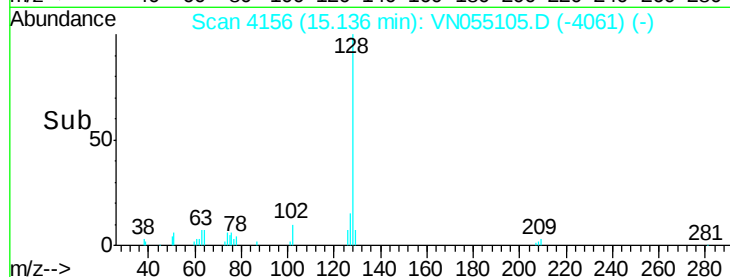
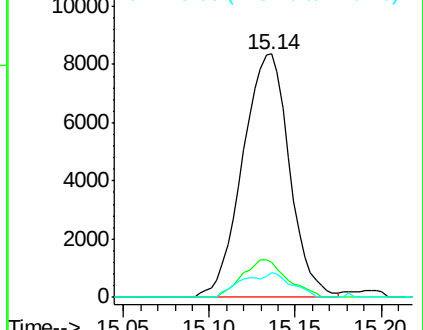
129 10.6 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 0.209 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055105.D

Acq: 17 Apr 2019 14:50

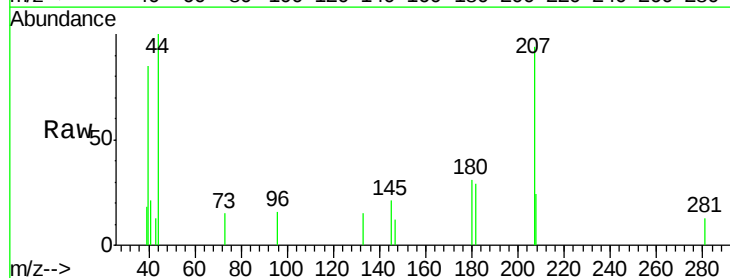
Tgt Ion:180 Resp: 641

Ion Ratio Lower Upper

180 100

182 105.0 48.0 144.0

145 69.0 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

