

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053614.D
 Acq On : 5 Feb 2019 12:42
 Operator : JC/SP
 Sample : K1346-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

Quant Time: Feb 06 03:31:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	823816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1328587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1203505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	494147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	428215	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.59	113	421972	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1605268	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	524355	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

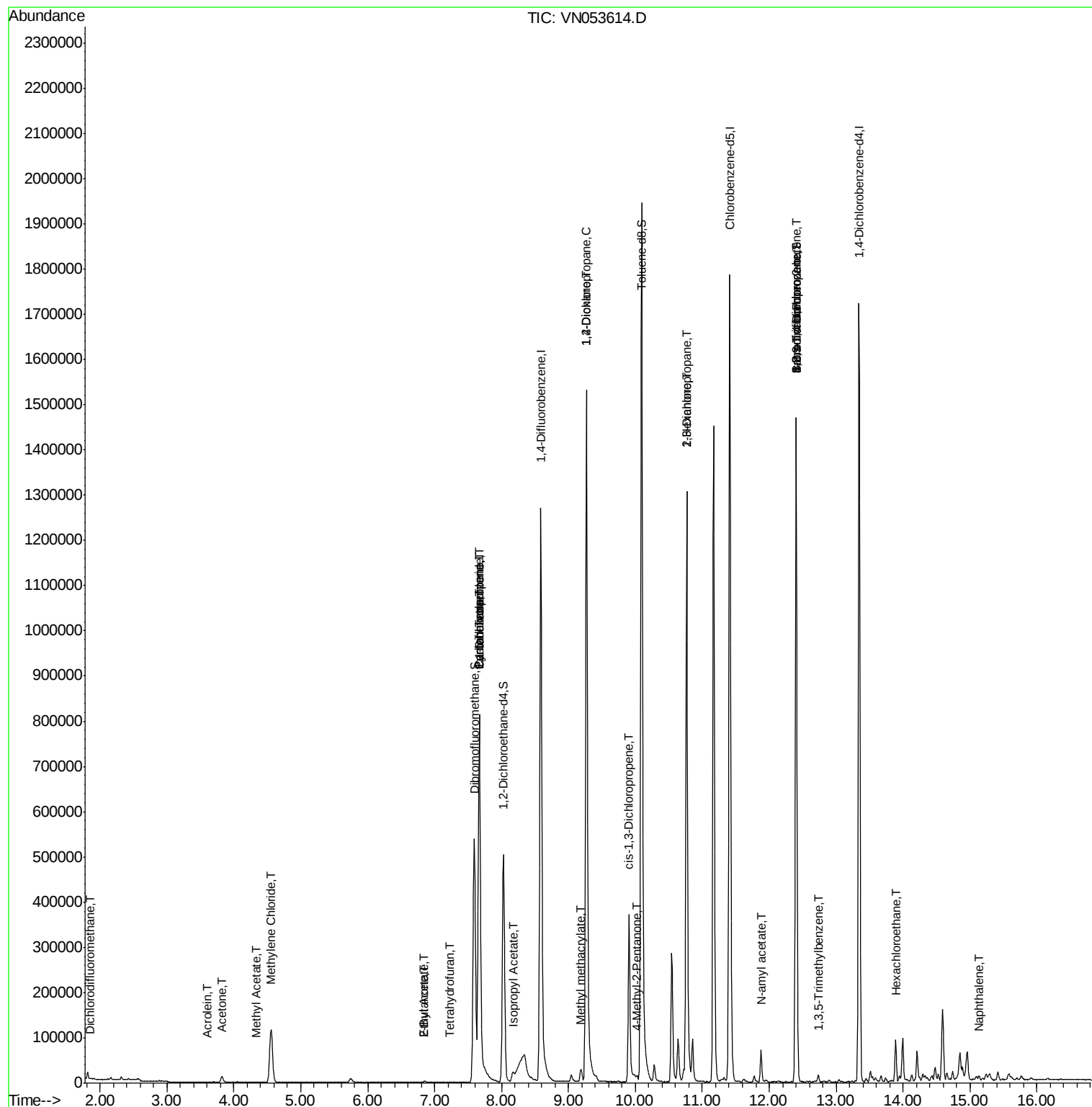
						Qvalue
2) Dichlorodifluoromethane	1.85	85	151	0.354	ug/l #	42
13) Acrolein	3.61	56	64	0.240	ug/l #	8
16) Acetone	3.82	43	24114	11.375	ug/l	96
18) Methyl Acetate	4.33	43	1287	0.205	ug/l	91
20) Methylene Chloride	4.56	84	96295	10.827	ug/l	98
25) 2-Butanone	6.84	43	5500	1.819	ug/l #	84
29) Tetrahydrofuran	7.22	42	1162	0.599	ug/l #	70
31) Cyclohexane	7.66	56	12063	0.696	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48932	4.086	ug/l #	48
37) Ethyl Acetate	6.84	43	5500	0.822	ug/l #	67
38) Carbon Tetrachloride	7.67	117	64950	5.383	ug/l #	16
43) Isopropyl Acetate	8.17	43	30900	2.392	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	2346	0.248	ug/l #	43
48) Methyl methacrylate	9.18	41	11028	1.788	ug/l #	12
49) 1,4-Dioxane	9.26	88	65	39.797	ug/l #	23
51) 4-Methyl-2-Pentanone	10.03	43	8633	1.360	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	79922	5.689	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	15515	1.149	ug/l #	43
59) 2-Hexanone	10.76	43	195854	45.449	ug/l #	51
71) Bromoform	12.40	173	3424	0.559	ug/l #	1
74) N-amyl acetate	11.88	43	22240	2.662	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	245414	38.666	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7209	0.250	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	245414	108.726	ug/l #	15
90) Hexachloroethane	13.89	117	5311	1.063	ug/l #	3
95) Naphthalene	15.14	128	8238	2.103	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

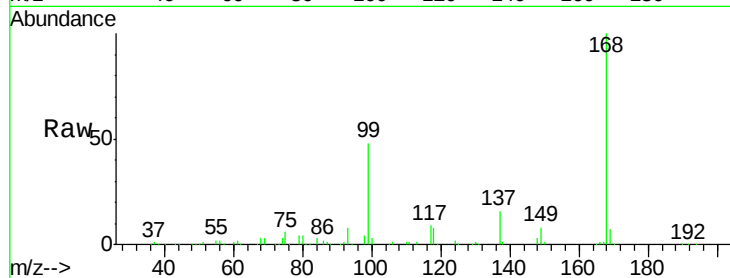
CL-02-020419-B

Tot Ion:168 Resp: 823816

Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

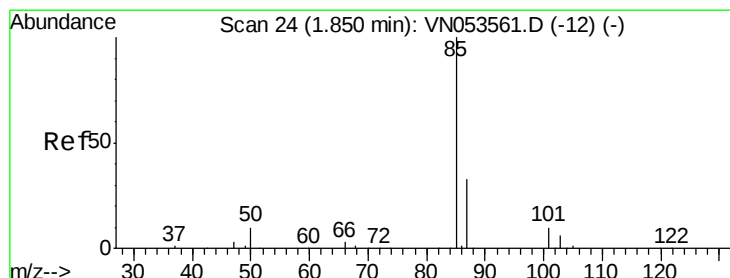
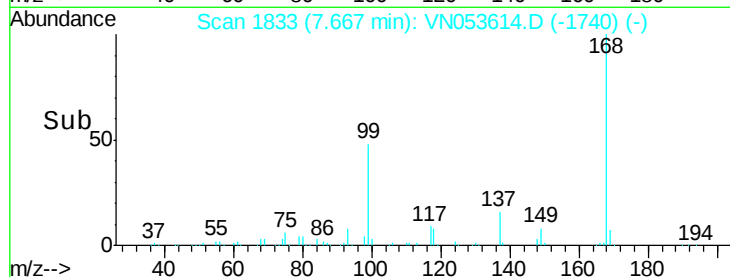
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.354 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053614.D

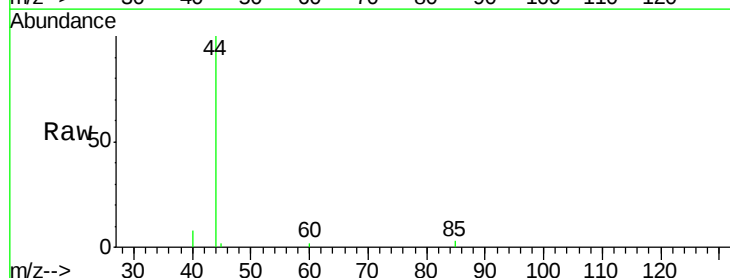
Acq: 5 Feb 2019 12:42

Tgt Ion: 85 Resp: 151

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250

200

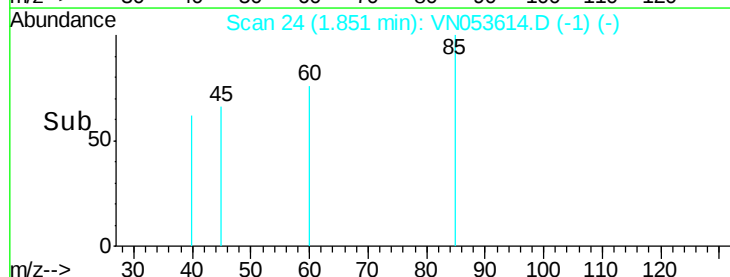
150

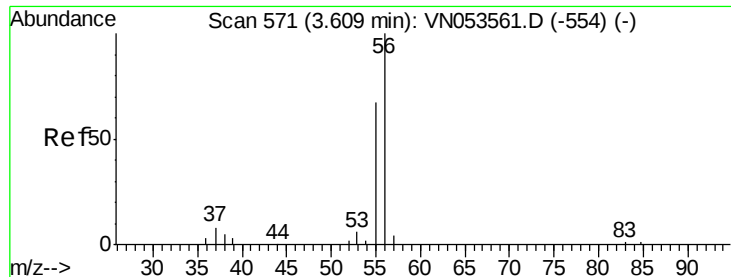
100

50

0

Time--> 1.83 1.84 1.85 1.86





#13

Acrolein

Concen: 0.240 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

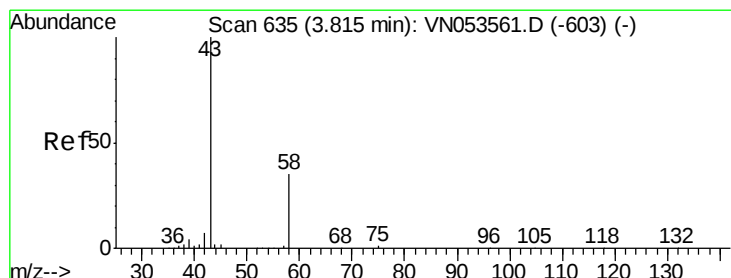
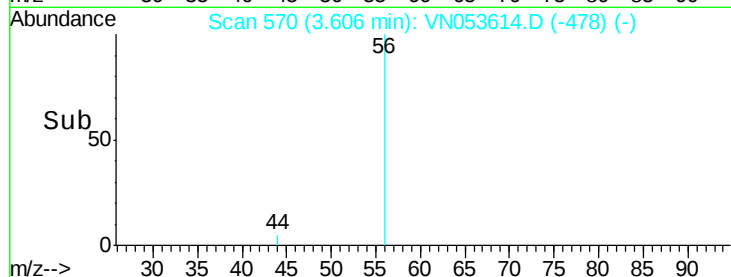
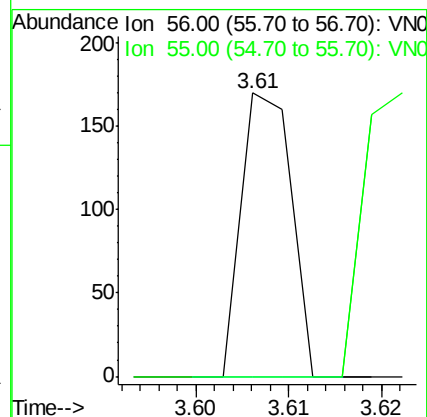
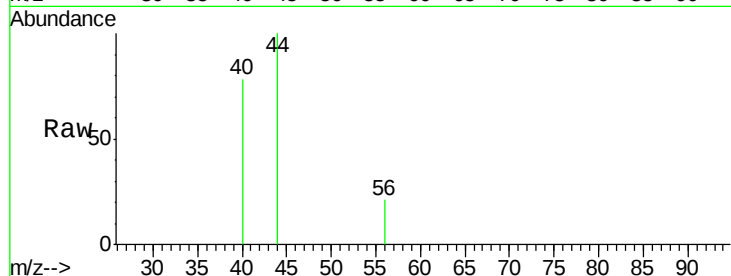
CL-02-020419-B

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 148.4 57.4 86.0#



#16

Acetone

Concen: 11.375 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053614.D

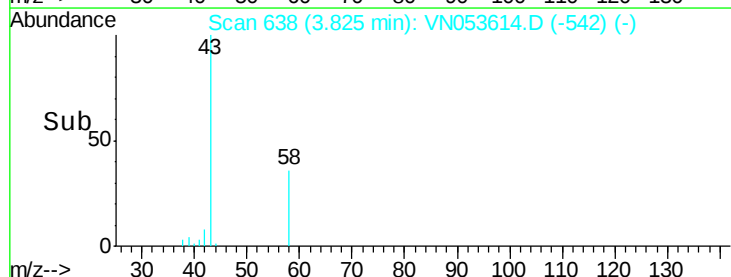
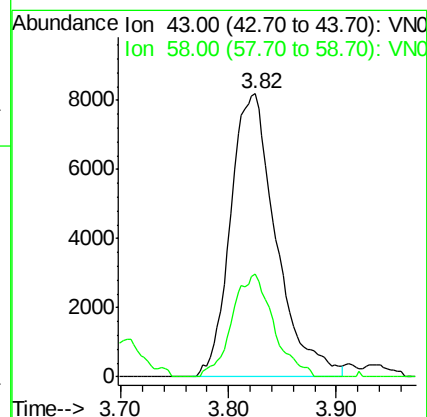
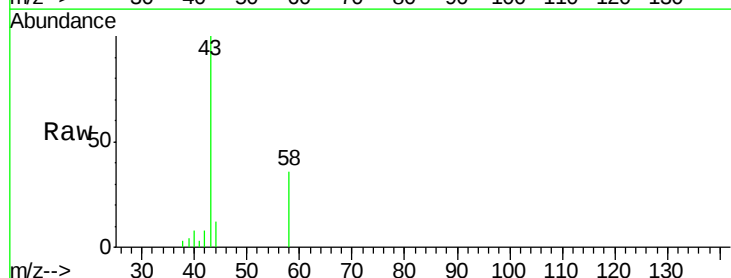
Acq: 5 Feb 2019 12:42

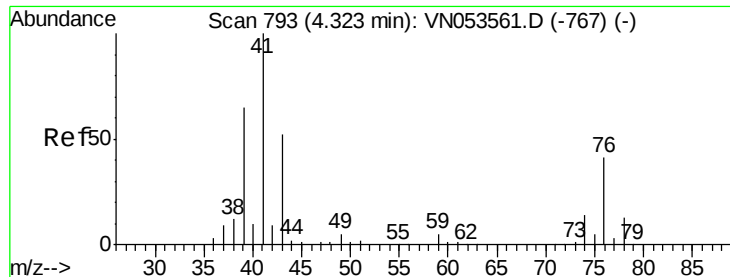
Tgt Ion: 43 Resp: 24114

Ion Ratio Lower Upper

43 100

58 36.3 27.1 40.7

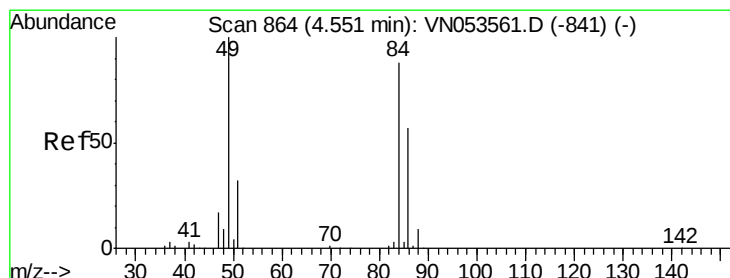
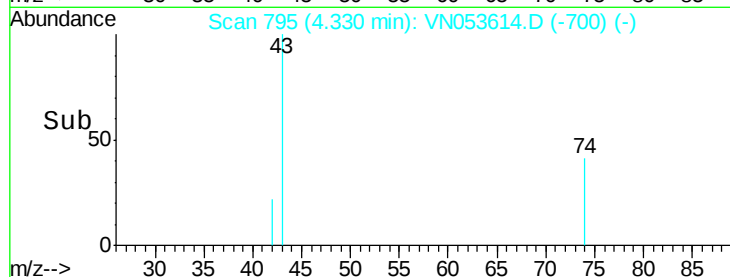
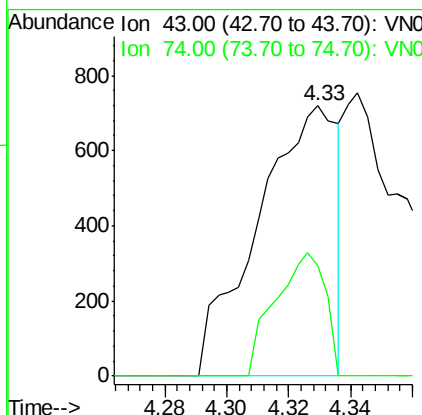
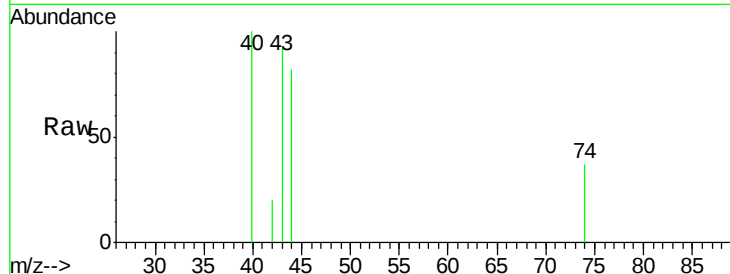




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

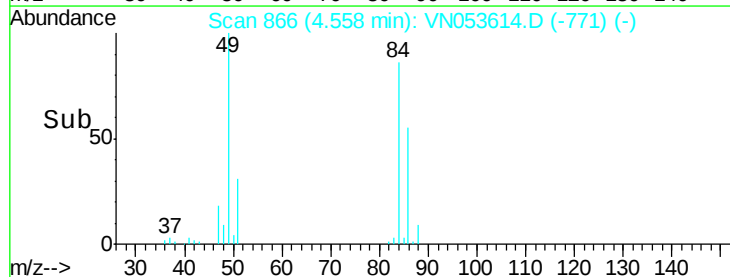
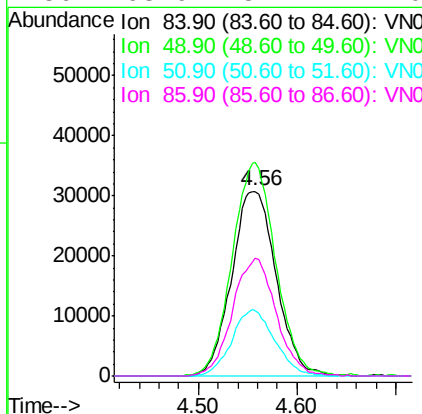
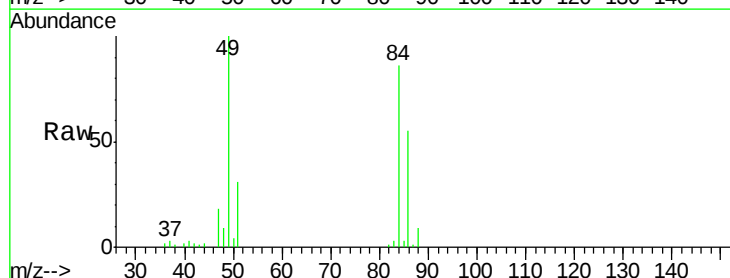
Instrument :
MSVOA_N
ClientSampled :
CL-02-020419-B

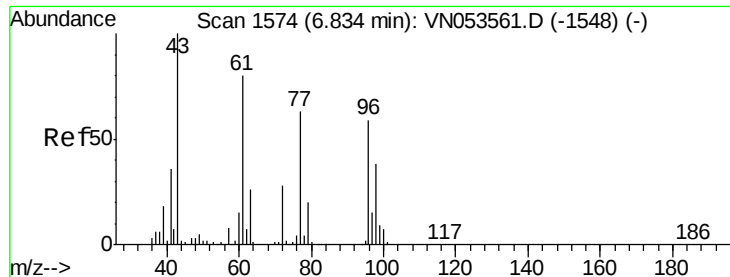
Tot Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
74 28.7 19.4 29.2



#20
Methylene Chloride
Concen: 10.827 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

Tgt Ion: 84 Resp: 96295
Ion Ratio Lower Upper
84 100
49 115.1 94.3 141.5
51 35.6 29.4 44.2
86 63.9 51.4 77.0

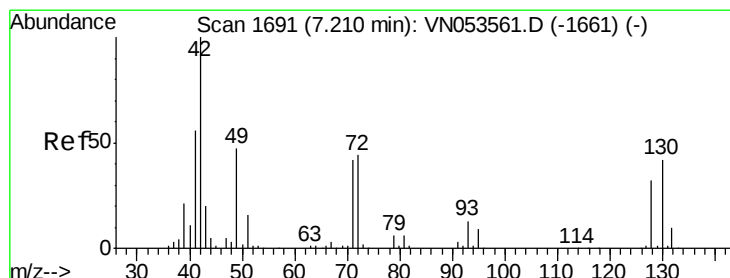
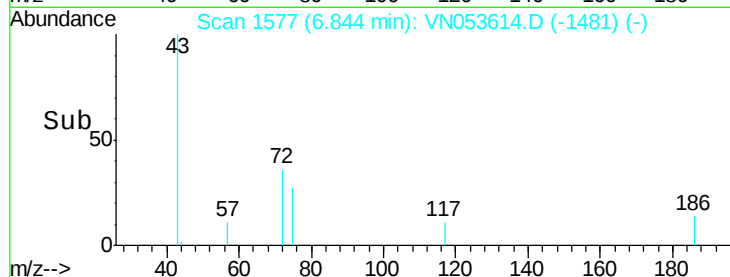
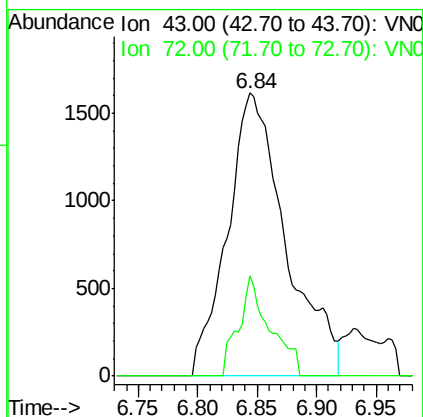
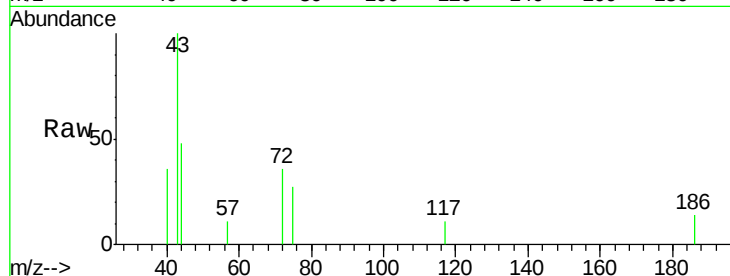




#25
2-Butanone
Concen: 1.819 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

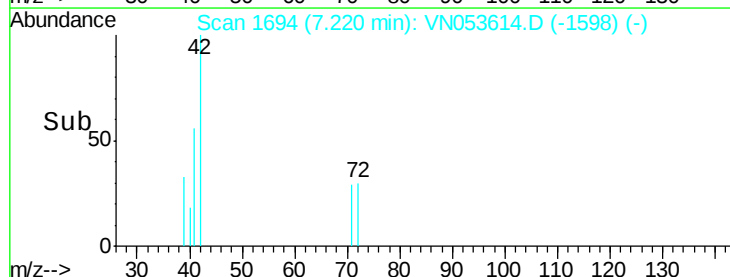
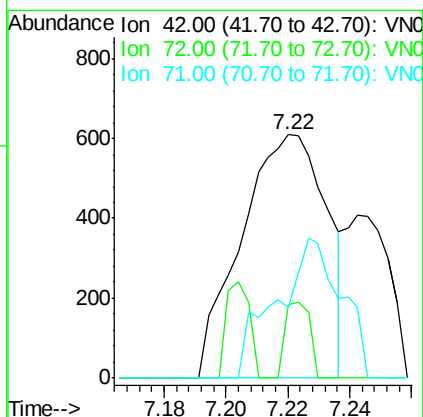
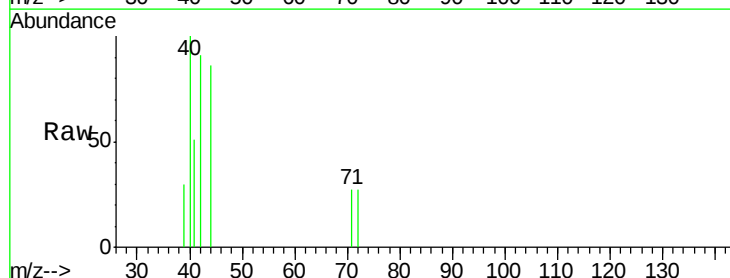
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-B

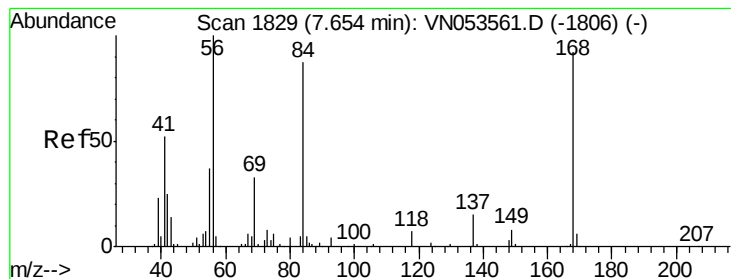
Tot Ion: 43 Resp: 5500
Ion Ratio Lower Upper
43 100
72 35.7 22.0 33.0#



#29
Tetrahydrofuran
Concen: 0.599 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

Tgt Ion: 42 Resp: 1162
Ion Ratio Lower Upper
42 100
72 9.0 35.2 52.8#
71 44.0 33.0 49.4





#31

Cyclohexane

Concen: 0.696 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-B

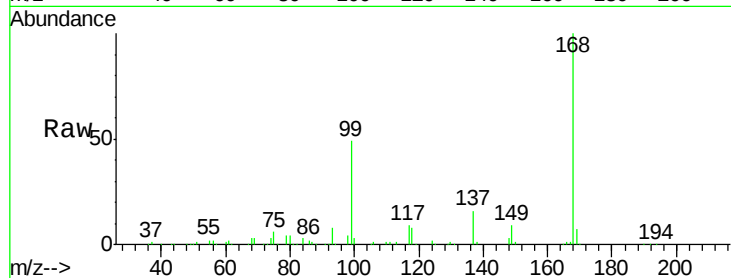
Tot Ion: 56 Resp: 12063

Ion Ratio Lower Upper

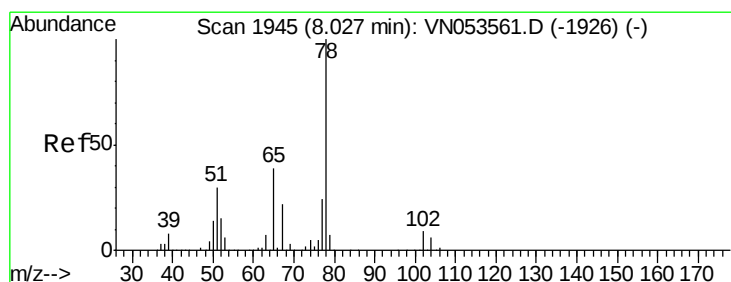
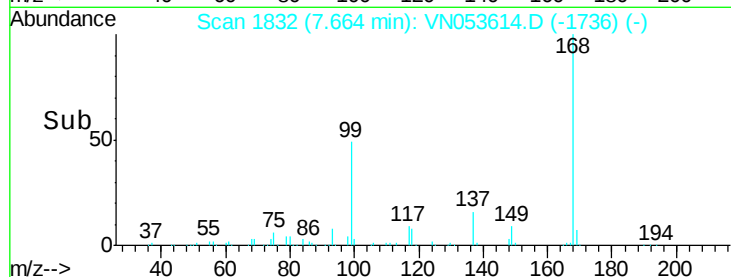
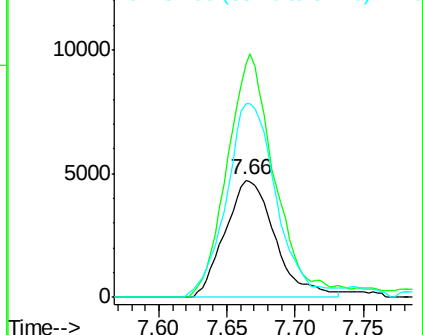
56 100

69 200.0 26.4 39.6#

84 162.5 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053614.D

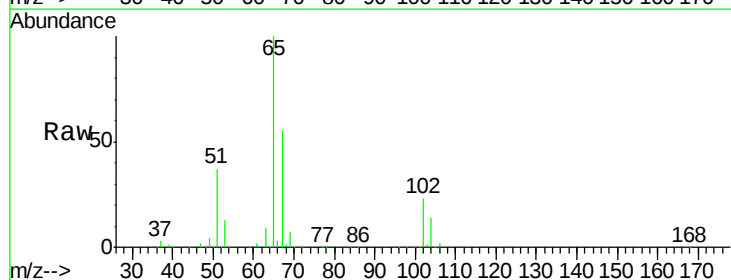
Acq: 5 Feb 2019 12:42

Tgt Ion: 65 Resp: 428215

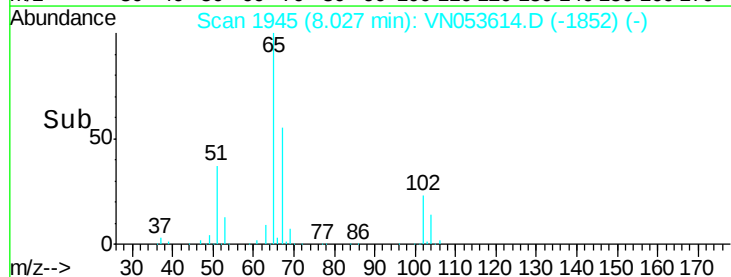
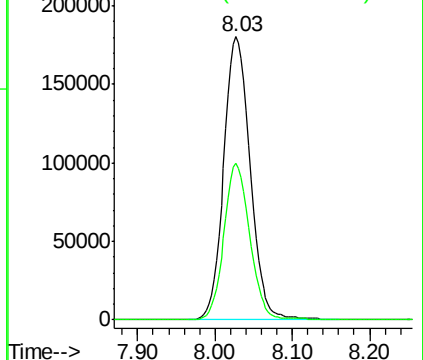
Ion Ratio Lower Upper

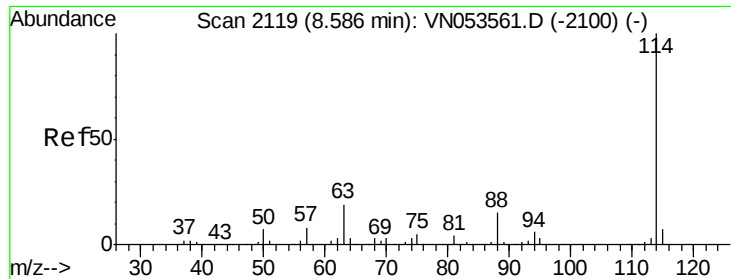
65 100

67 53.9 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

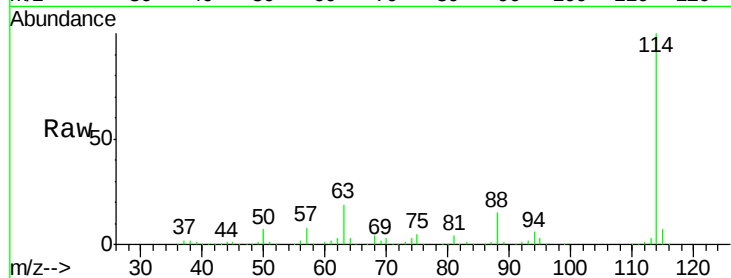




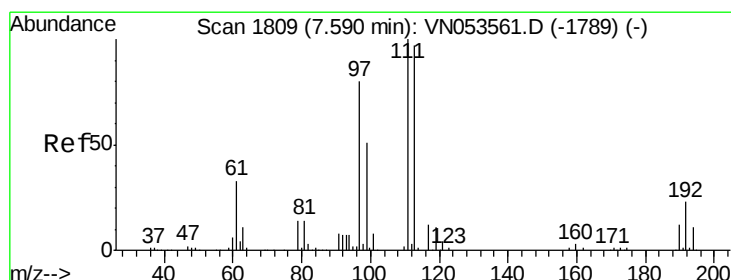
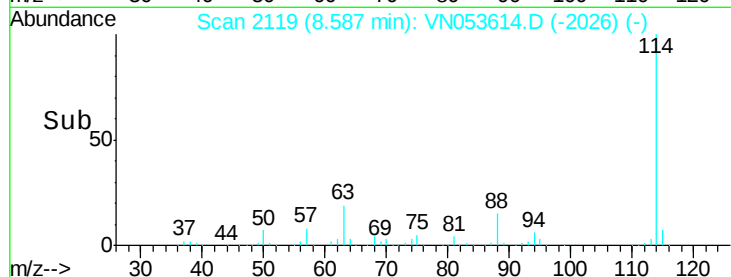
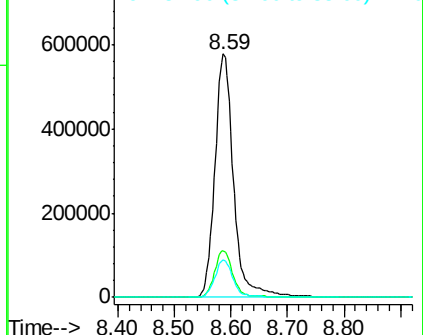
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

Tot Ion:114 Resp: 1328587
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 30.4

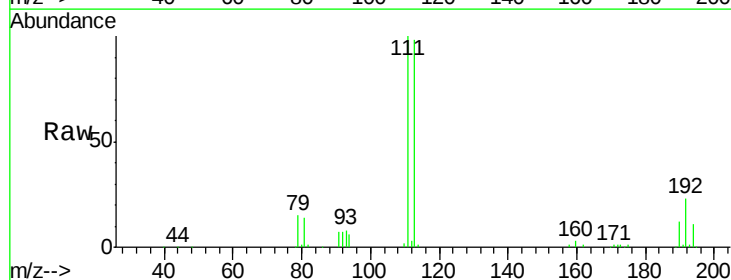


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

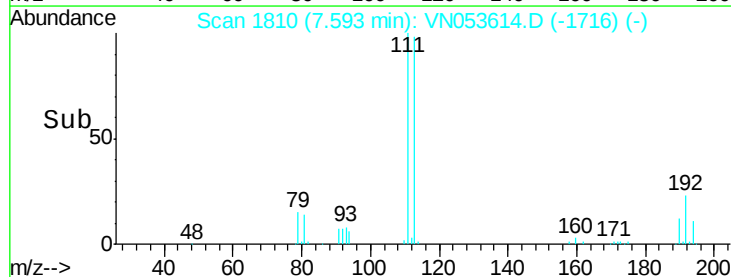
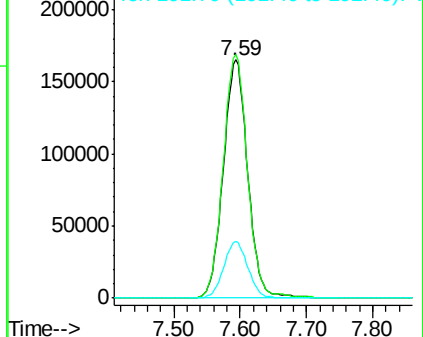


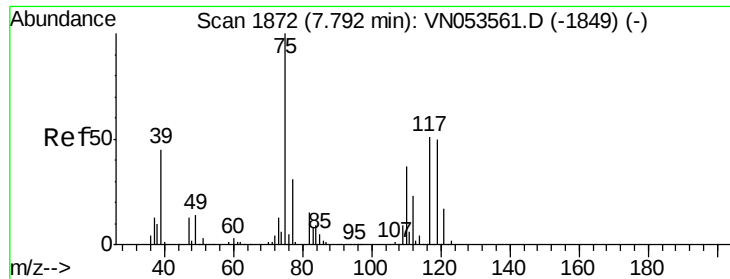
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion:113 Resp: 421972
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 23.5 18.2 27.2



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

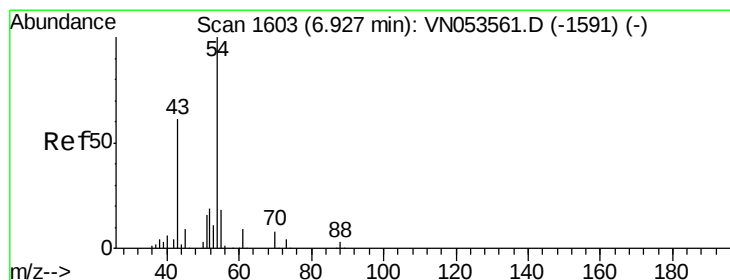
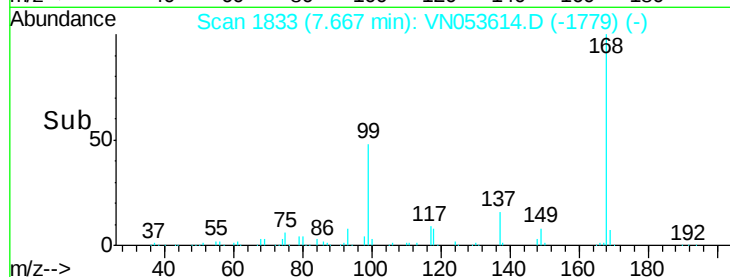
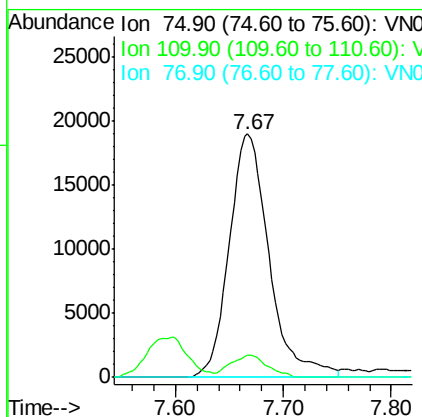
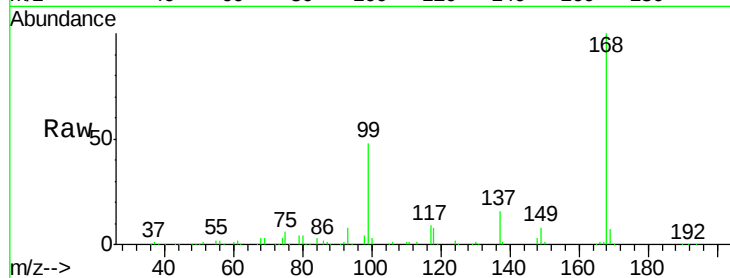




#36
 1,1-Dichloropropene
 Concen: 4.086 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

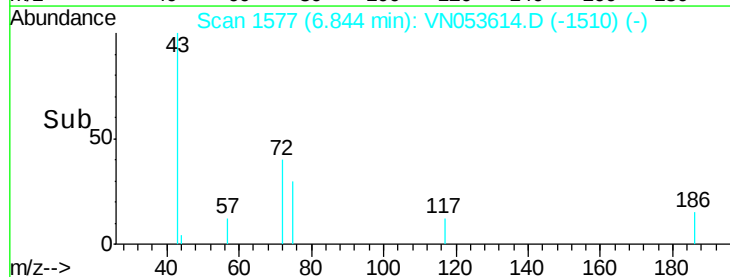
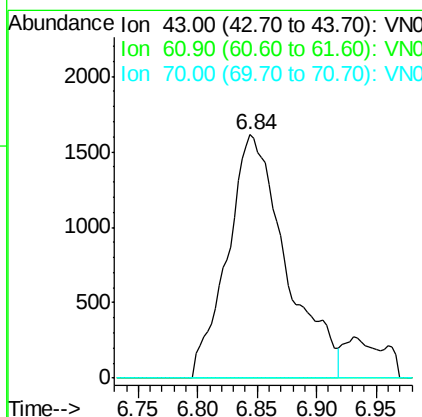
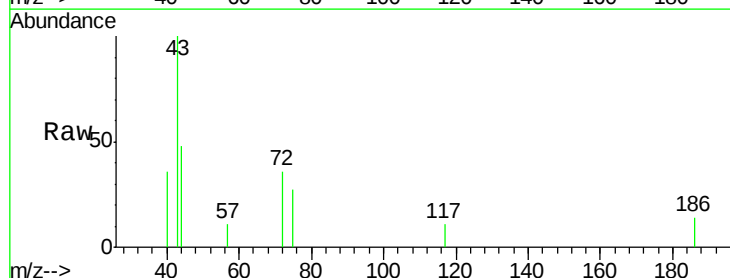
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

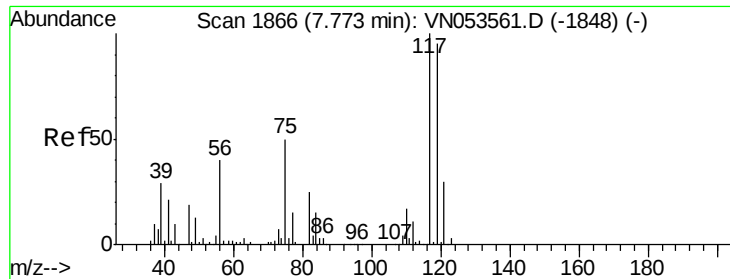
Tot Ion: 75 Resp: 48932
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.822 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.08 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion: 43 Resp: 5500
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 5.383 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-B

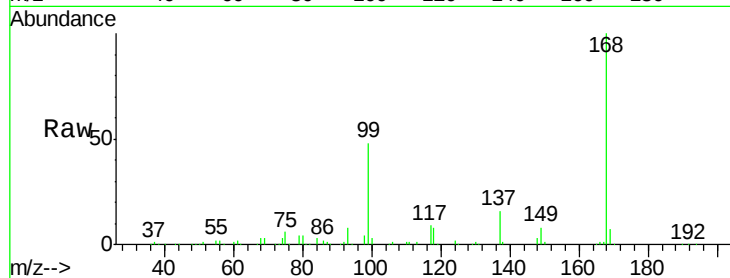
Tot Ion:117 Resp: 64950

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

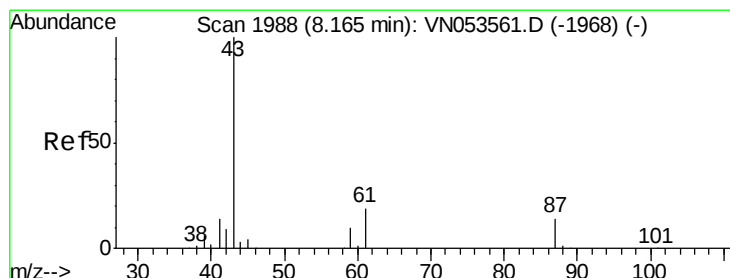
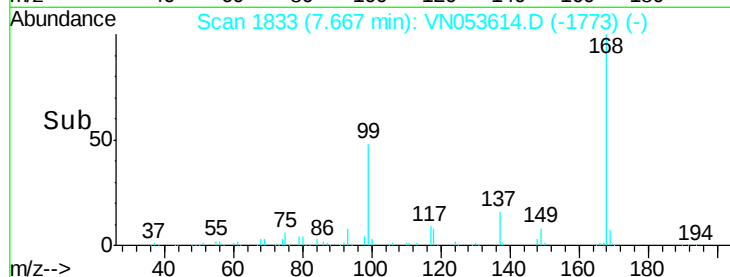
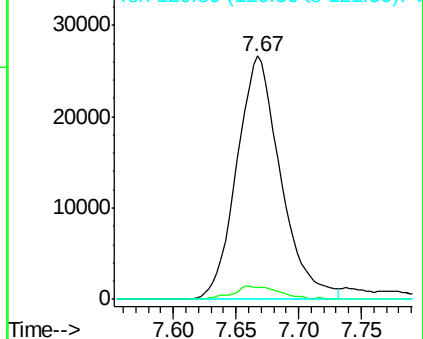
121 0.0 24.6 37.0#



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: 2.392 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

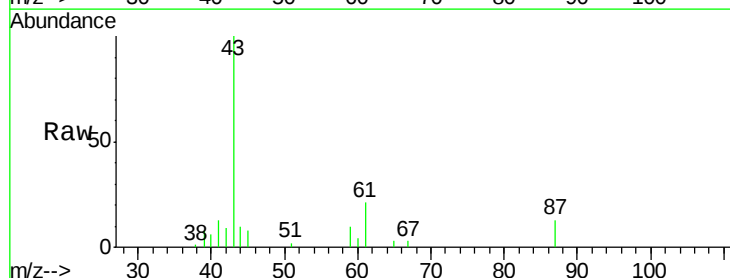
Tgt Ion: 43 Resp: 30900

Ion Ratio Lower Upper

43 100

61 19.3 23.9 35.9#

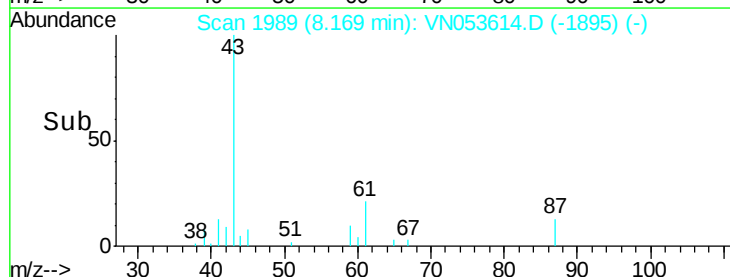
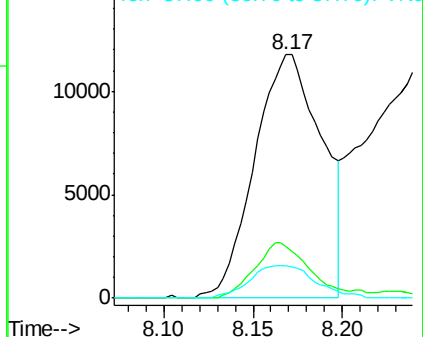
87 12.9 11.0 16.6

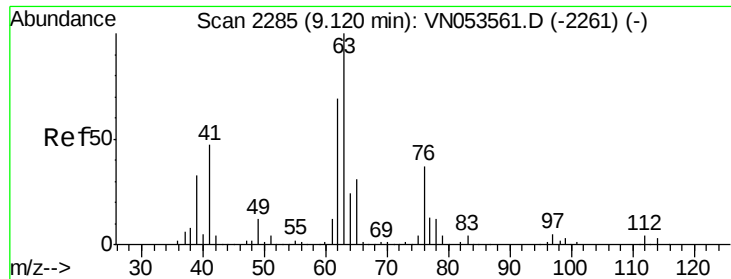


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.248 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

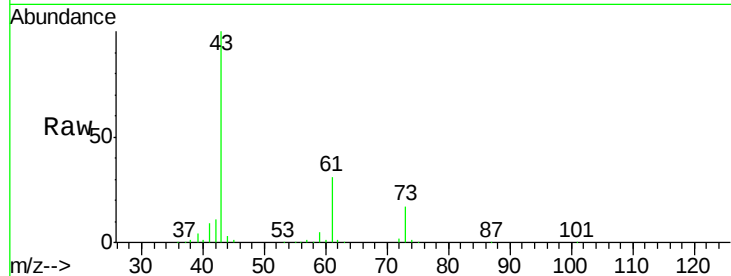
CL-02-020419-B

Tot Ion: 63 Resp: 2346

Ion Ratio Lower Upper

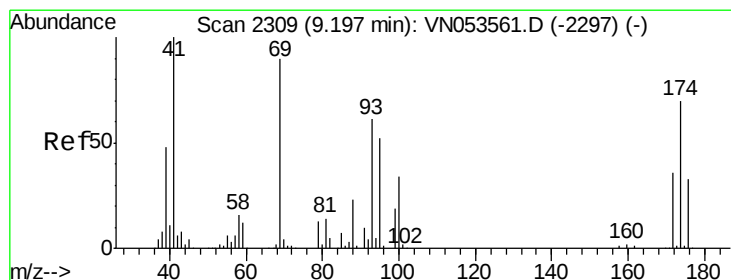
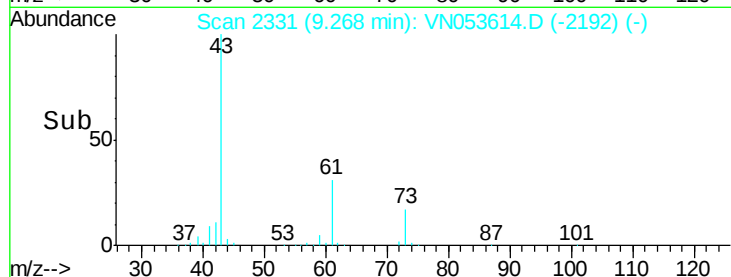
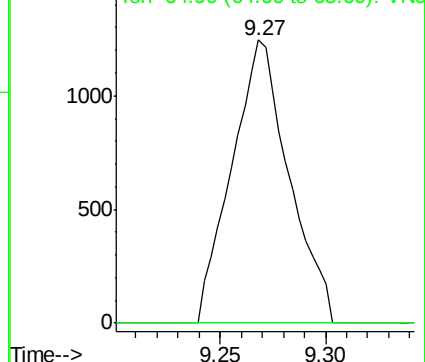
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.788 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

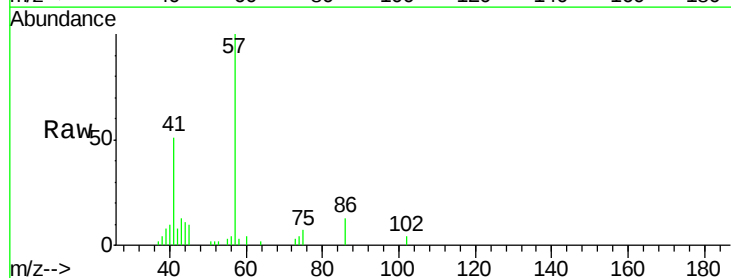
Tgt Ion: 41 Resp: 11028

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

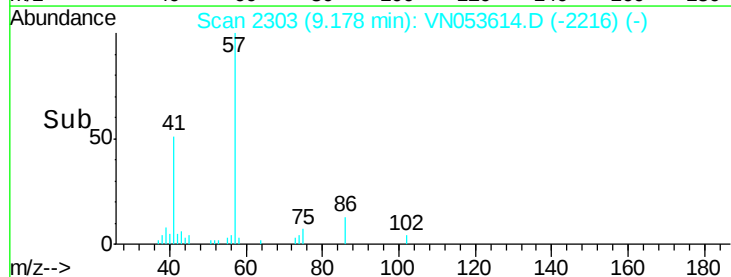
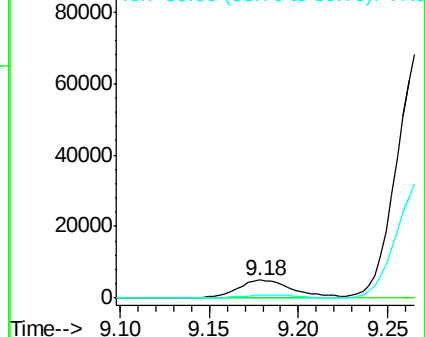
39 0.0 40.0 60.0#

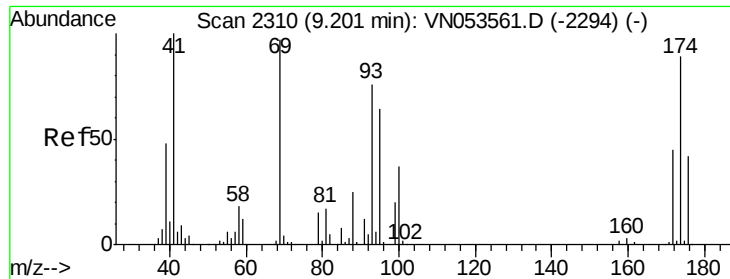


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

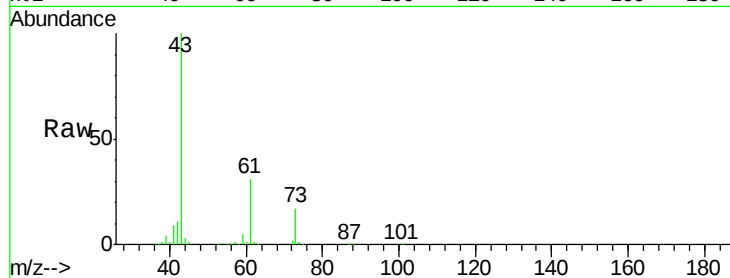




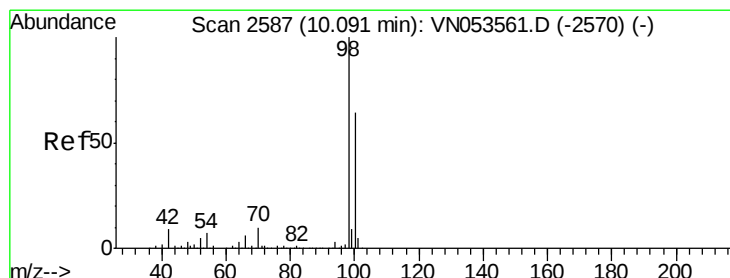
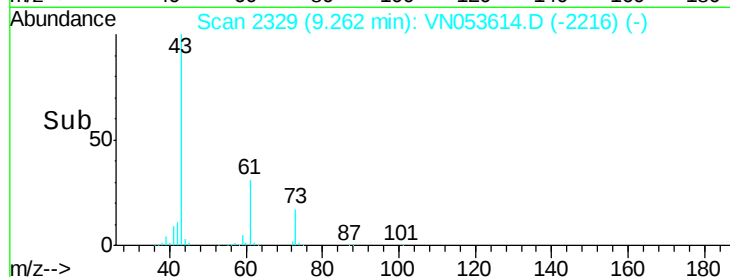
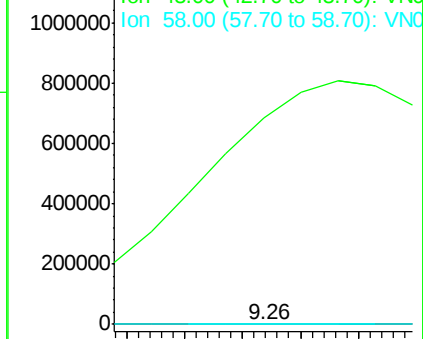
#49
 1,4-Dioxane
 Concen: 39.797 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.06 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

Tot Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.8 41.6#
 58 0.0 56.5 84.7#

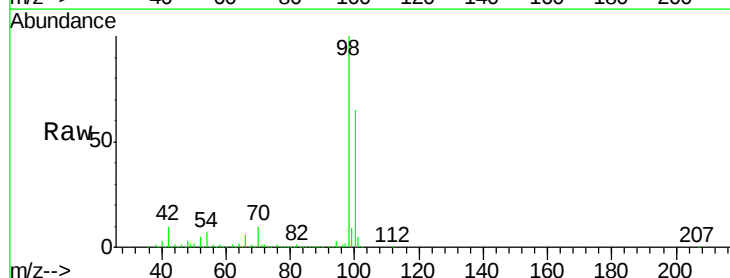


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

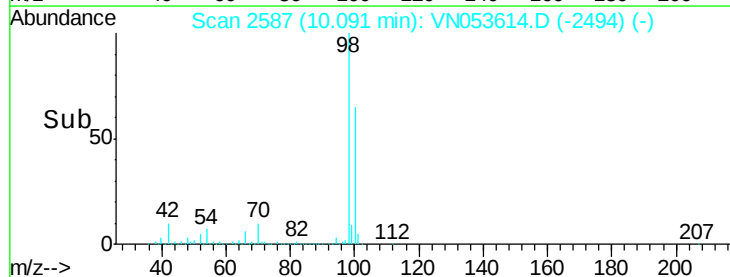
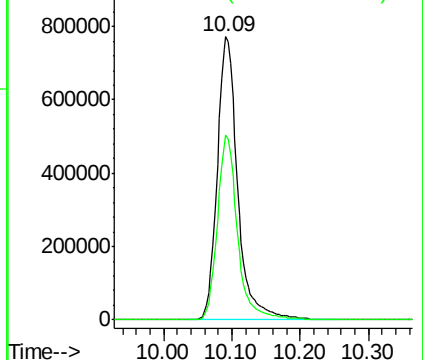


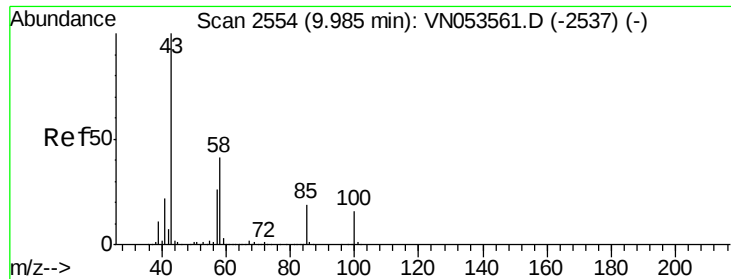
#50
 Toluene-d8
 Concen: 39.797 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion: 98 Resp: 1605268
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.0



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

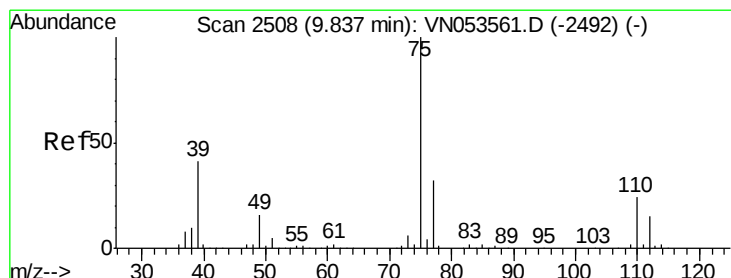
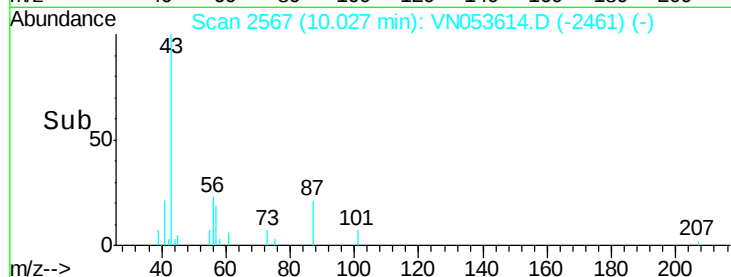
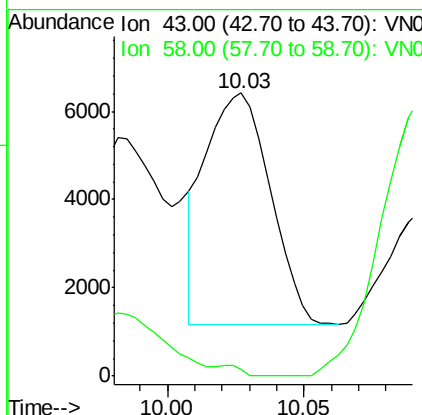
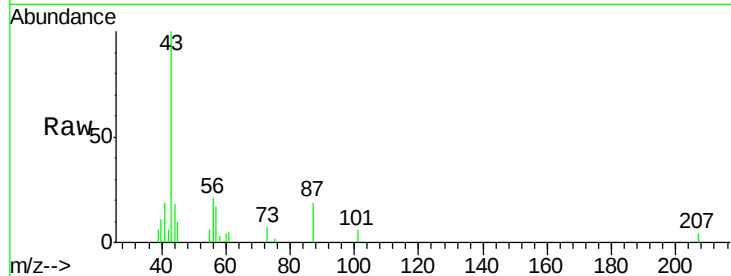




#51
 4-Methyl-2-Pentanone
 Concen: 1.360 ug/l
 RT: 10.03 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

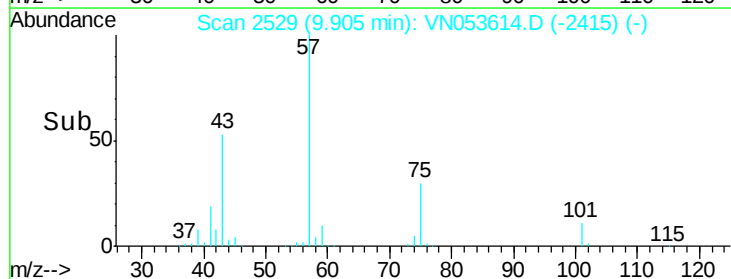
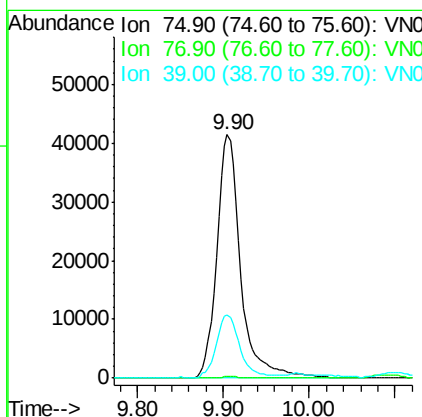
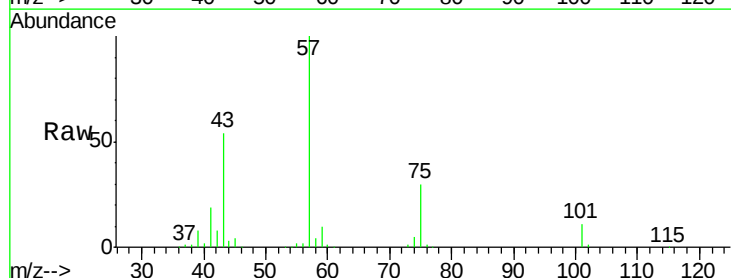
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

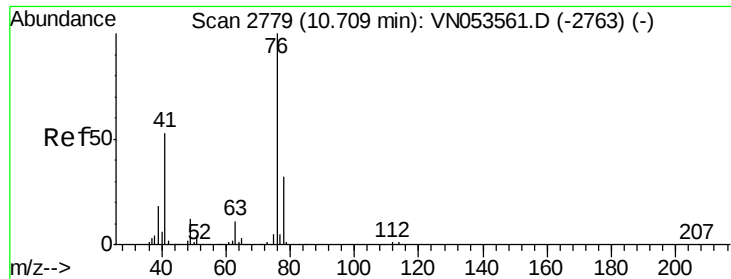
Tot Ion: 43 Resp: 8633
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#54
 cis-1,3-Dichloropropene
 Concen: 5.689 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion: 75 Resp: 79922
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 26.1 33.4 50.0#

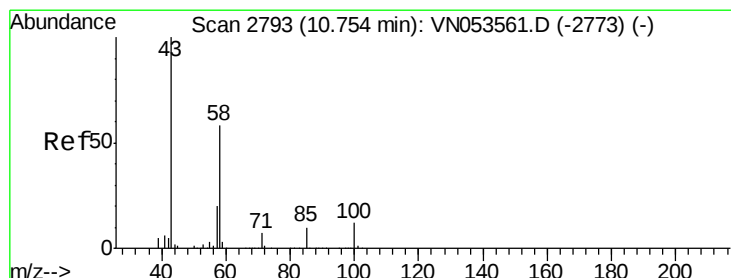
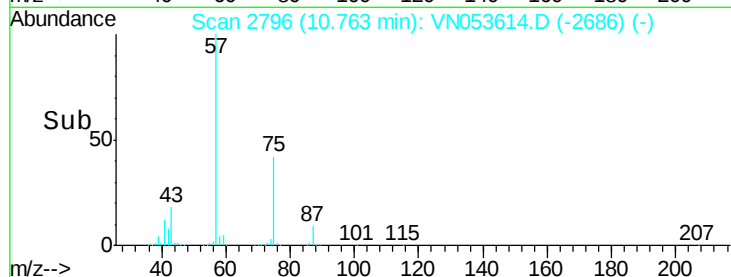
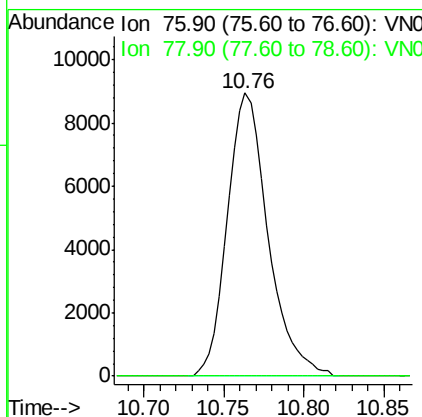
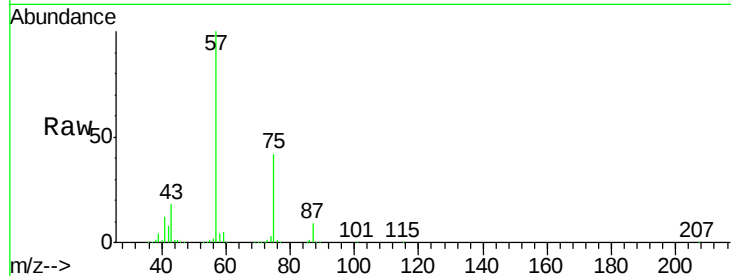




#57
 1,3-Dichloropropane
 Concen: 1.149 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

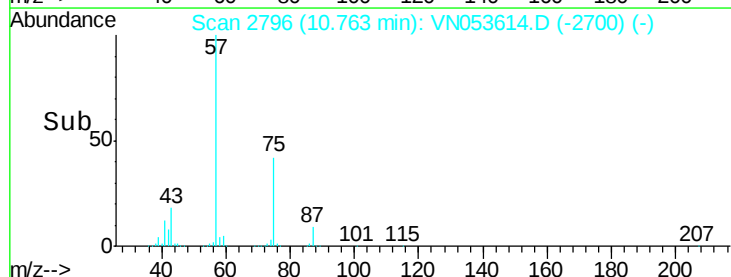
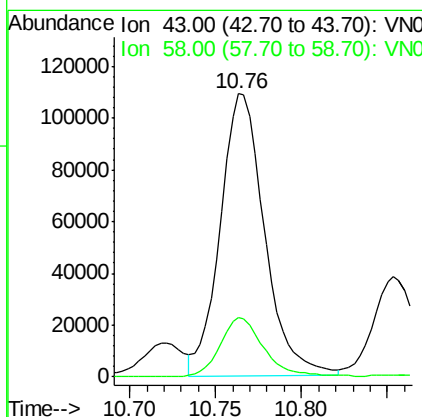
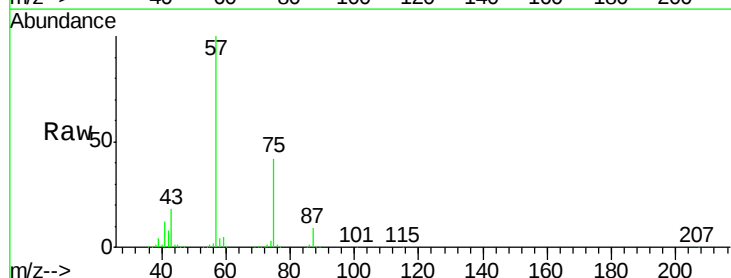
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-B

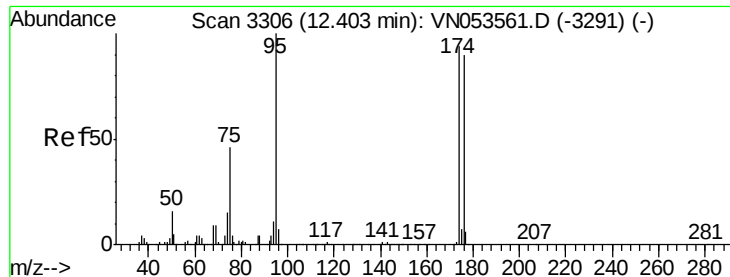
Tot Ion: 76 Resp: 15515
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 45.449 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion: 43 Resp: 195854
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-B

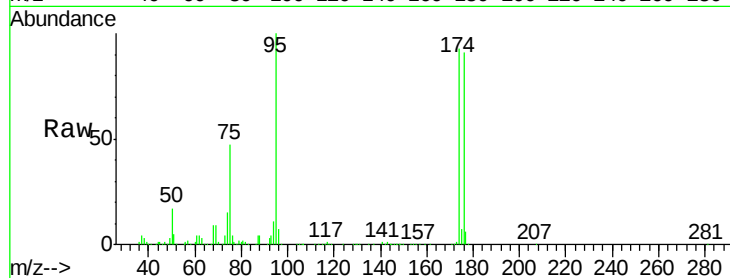
Tot Ion: 95 Resp: 524355

Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.2

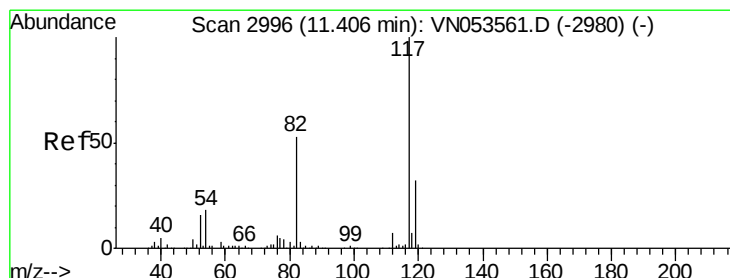
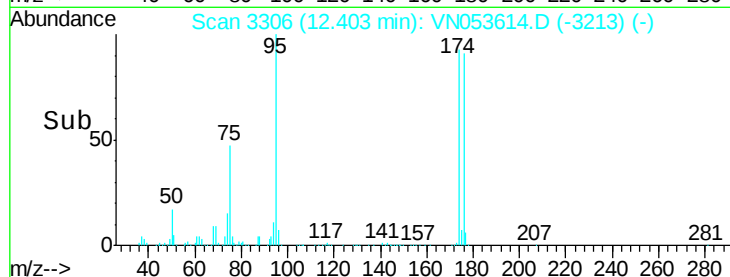
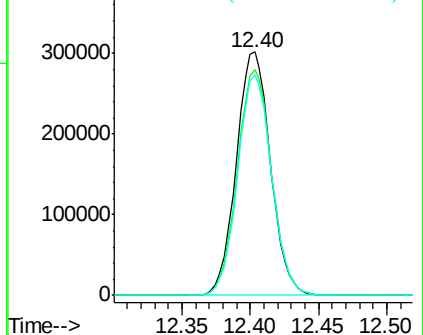
176 90.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

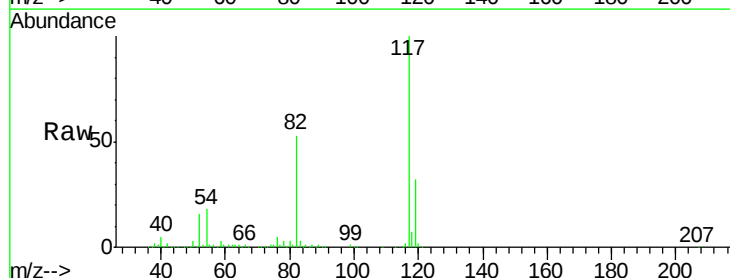
Tgt Ion: 117 Resp: 1203505

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

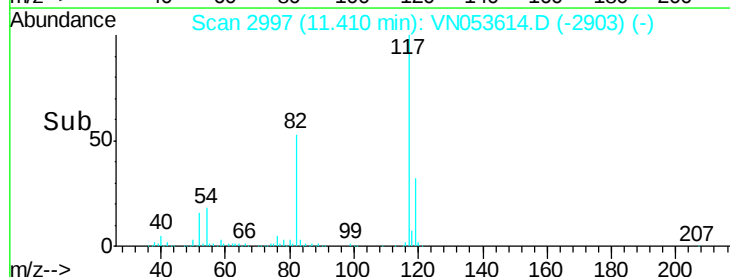
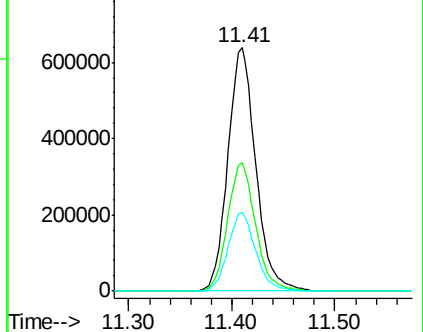
119 32.3 26.0 39.0

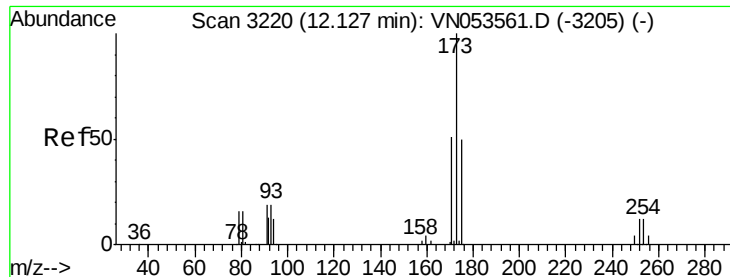


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

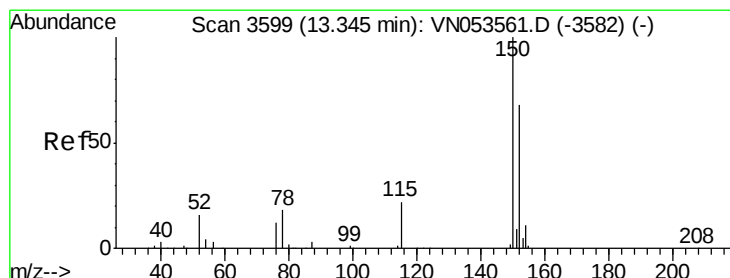
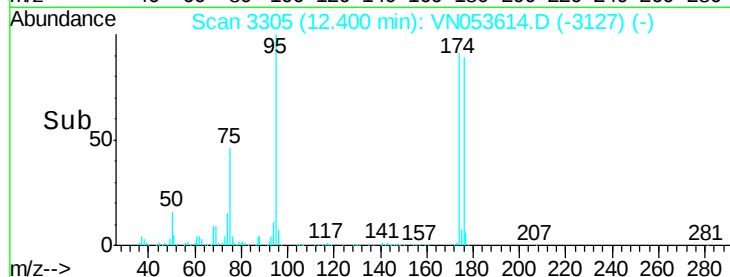
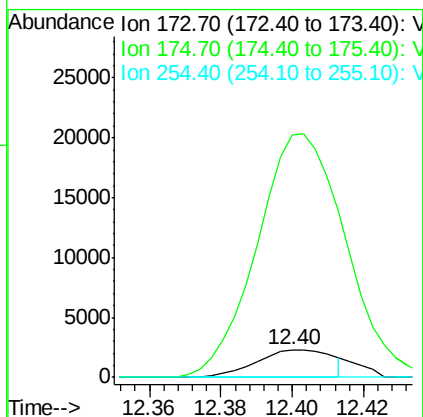
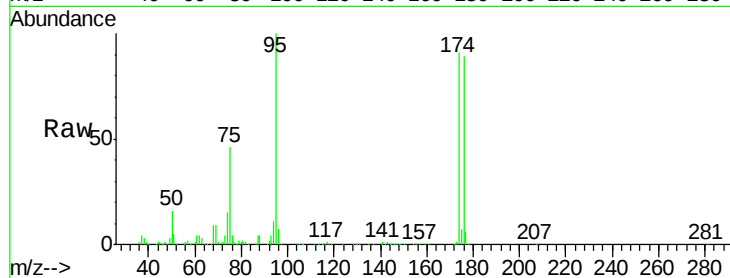




#71
Bromoform
Concen: 0.559 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

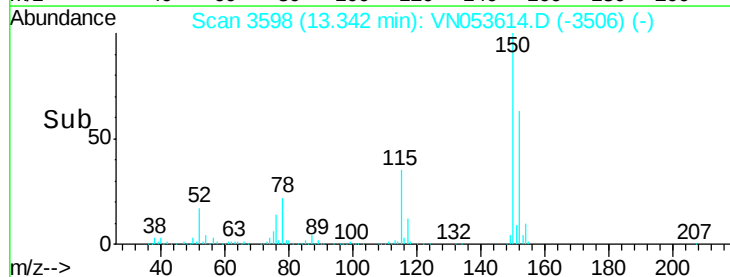
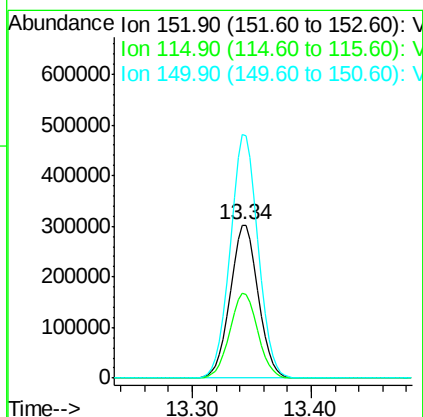
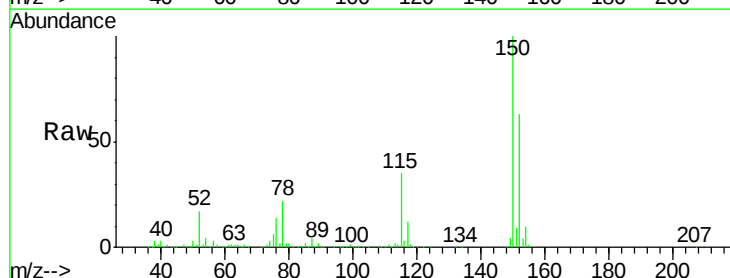
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-B

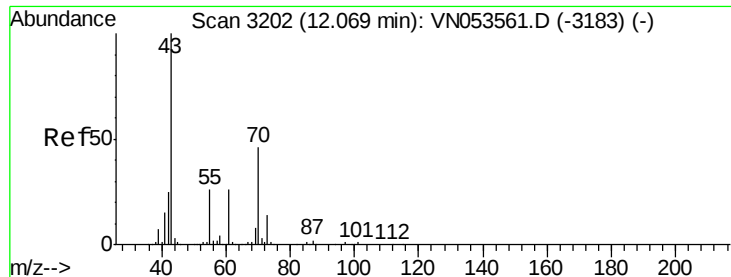
Tot Ion:173 Resp: 3424
Ion Ratio Lower Upper
173 100
175 864.7 24.6 74.0#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053614.D
Acq: 5 Feb 2019 12:42

Tgt Ion:152 Resp: 494147
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 157.5 0.0 349.0





#74

N-amyl acetate

Concen: 2.662 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-B

Tot Ion: 43 Resp: 22240

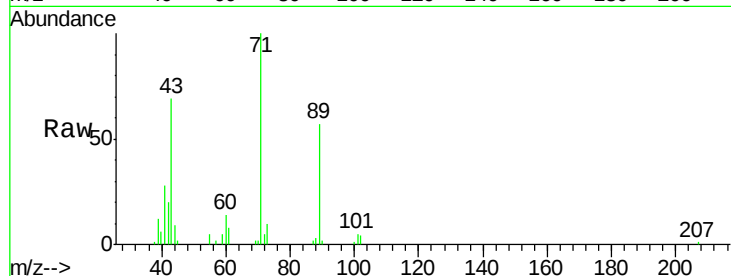
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.2#

55 6.4 20.9 31.3#

61 11.8 20.5 30.7#

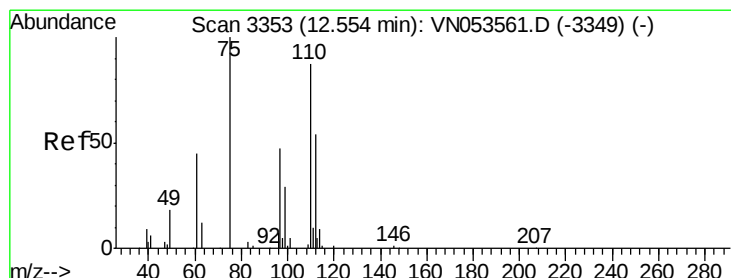
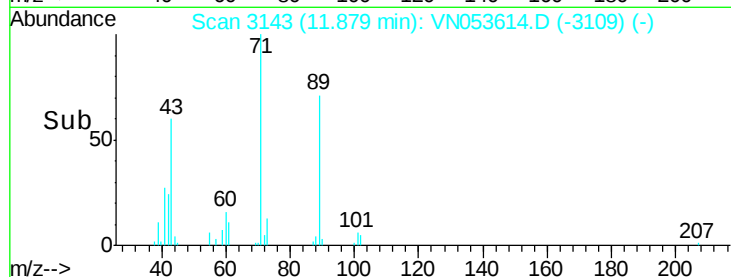
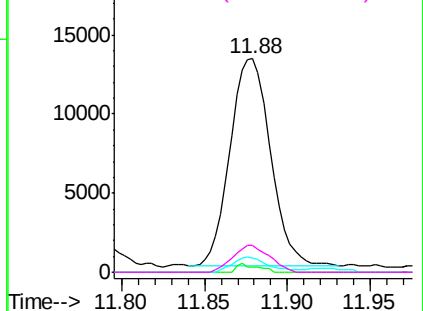


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 38.666 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053614.D

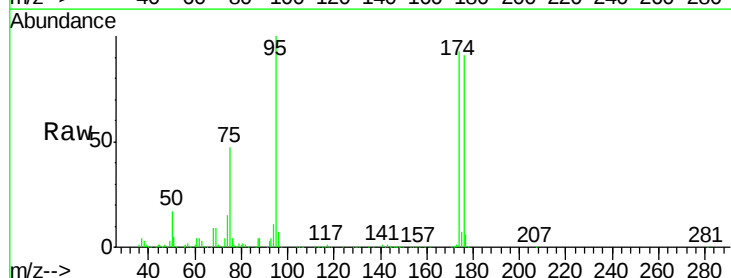
Acq: 5 Feb 2019 12:42

Tgt Ion: 75 Resp: 245414

Ion Ratio Lower Upper

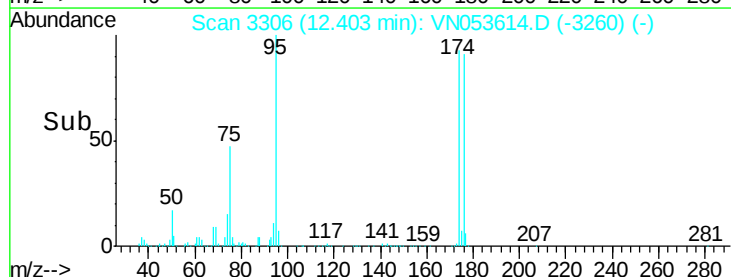
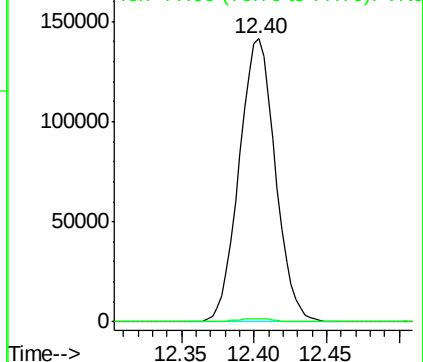
75 100

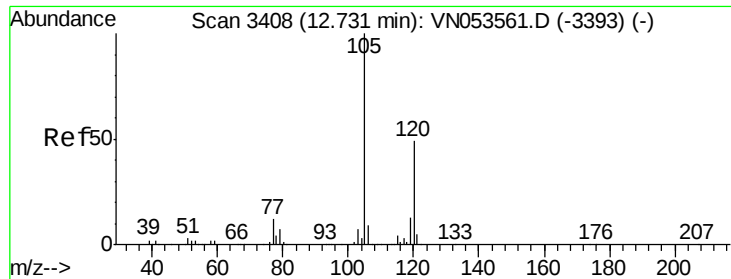
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

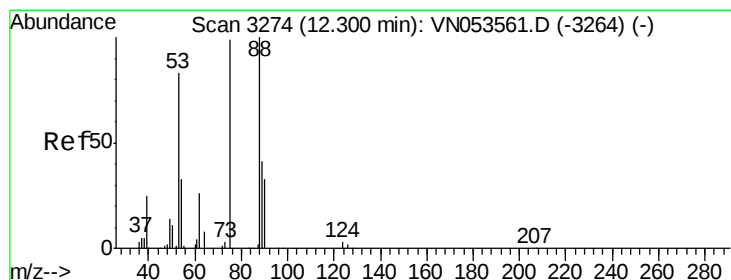
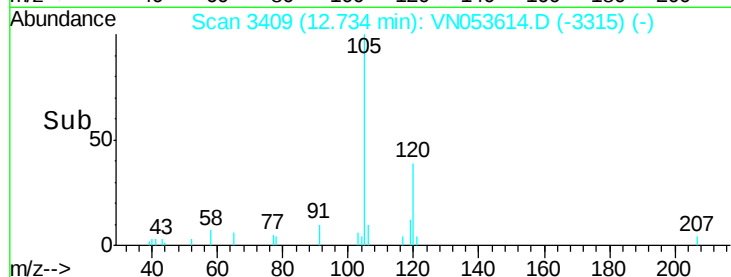
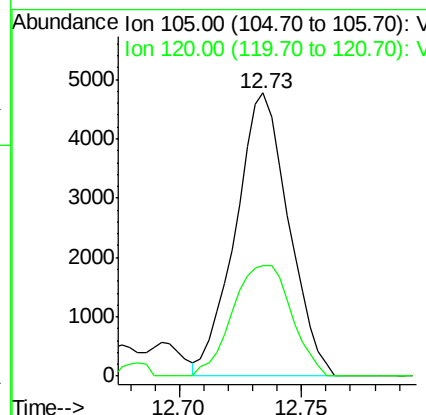
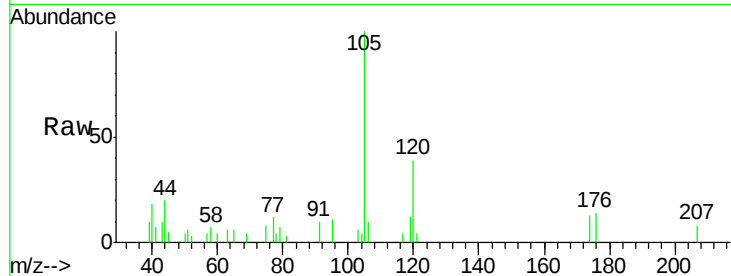




#80
 1,3,5-Trimethylbenzene
 Concen: 0.250 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

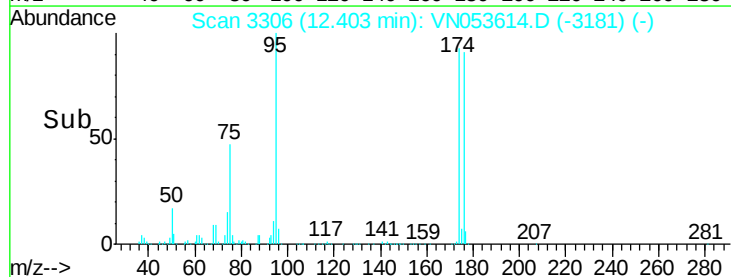
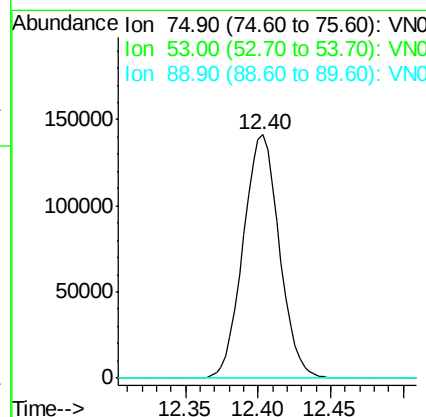
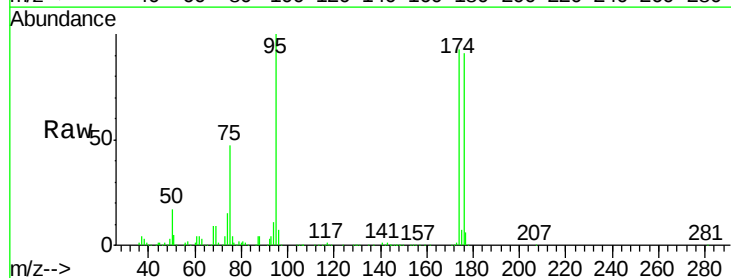
Instrument :
 MSVOA_N
 ClientSampled :
 CL-02-020419-B

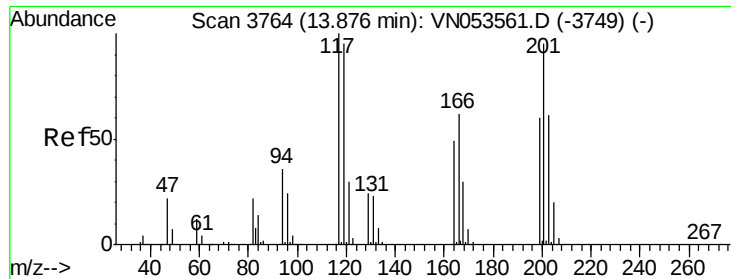
Tot Ion:105 Resp: 7209
 Ion Ratio Lower Upper
 105 100
 120 43.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.726 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053614.D
 Acq: 5 Feb 2019 12:42

Tgt Ion: 75 Resp: 245414
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#





#90

Hexachloroethane

Concen: 1.063 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

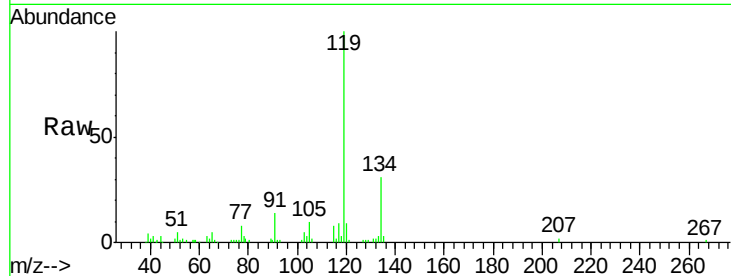
CL-02-020419-B

Tot Ion:117 Resp: 5311

Ion Ratio Lower Upper

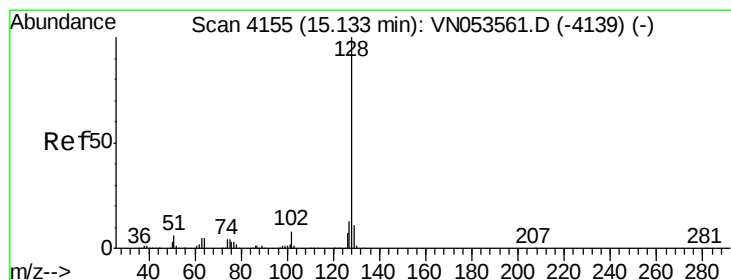
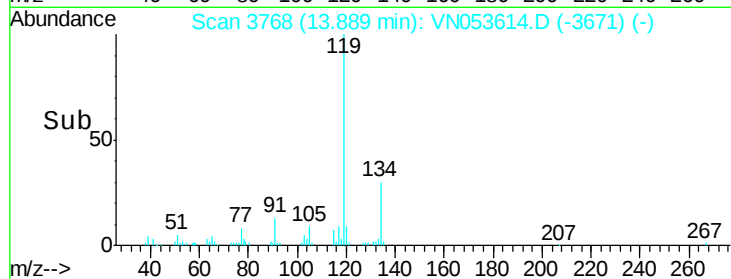
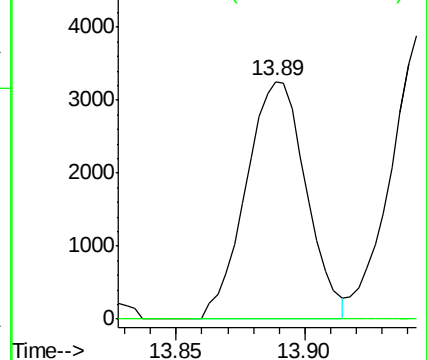
117 100

201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.103 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053614.D

Acq: 5 Feb 2019 12:42

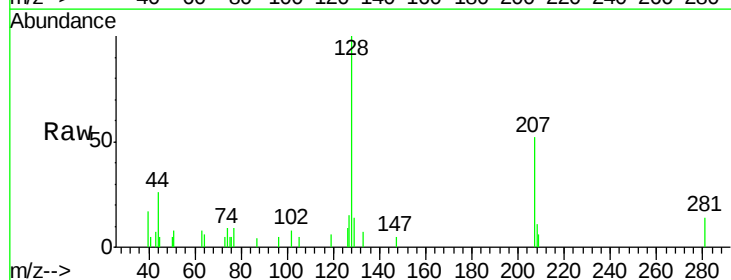
Tgt Ion:128 Resp: 8238

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 8.8 8.6 13.0



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

