

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053615.D
 Acq On : 5 Feb 2019 13:09
 Operator : JC/SP
 Sample : K1346-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

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

Quant Time: Feb 06 03:31:30 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	806982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1311547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1193065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	533022	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	422881	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	416383	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	10.09	98	1581397	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	529671	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	116	0.445	ug/l #	14
14) Allyl chloride	4.56	41	31422	2.641	ug/l #	27
16) Acetone	3.82	43	80794	38.908	ug/l	95
18) Methyl Acetate	4.34	43	2803	0.456	ug/l #	70
20) Methylene Chloride	4.55	84	868714	99.716	ug/l	98
25) 2-Butanone	6.84	43	4808	1.623	ug/l #	81
29) Tetrahydrofuran	7.23	42	1396	0.734	ug/l #	74
30) Chloroform	7.38	83	3035	0.208	ug/l	87
31) Cyclohexane	7.67	56	11812	0.696	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49207	4.162	ug/l #	48
38) Carbon Tetrachloride	7.67	117	65409	5.492	ug/l #	16
41) Methacrylonitrile	7.23	41	830	0.225	ug/l #	27
43) Isopropyl Acetate	8.17	43	39570	3.103	ug/l #	78
48) Methyl methacrylate	9.18	41	11354	1.865	ug/l #	21
51) 4-Methyl-2-Pentanone	10.02	43	8287	1.322	ug/l #	34
52) Toluene	10.15	92	5082	0.235	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	76487	5.515	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	13629	1.023	ug/l #	43
59) 2-Hexanone	10.77	43	180957	42.538	ug/l #	50
68) m/p-Xylenes	11.62	106	18569	1.169	ug/l	93
69) o-Xylene	11.95	106	19918	1.298	ug/l	97
73) Isopropylbenzene	12.25	105	11092	0.296	ug/l	96
74) N-ethyl acetate	11.88	43	19641	2.180	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	250342	36.566	ug/l #	100
78) n-propylbenzene	12.59	91	36837	0.850	ug/l	98
79) 2-Chlorotoluene	12.66	91	11468	0.446	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	95278	3.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	250342	102.820	ug/l #	15
82) 4-Chlorotoluene	12.73	91	8269	0.314	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	430993	13.614	ug/l	99
85) sec-Butylbenzene	13.17	105	27768	0.743	ug/l	84
86) p-Isopropyltoluene	13.29	119	29130	0.891	ug/l	98
89) n-Butylbenzene	13.61	91	26698	0.944	ug/l #	75
90) Hexachloroethane	13.89	117	8022	1.488	ug/l #	3

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Response via : Initial Calibration

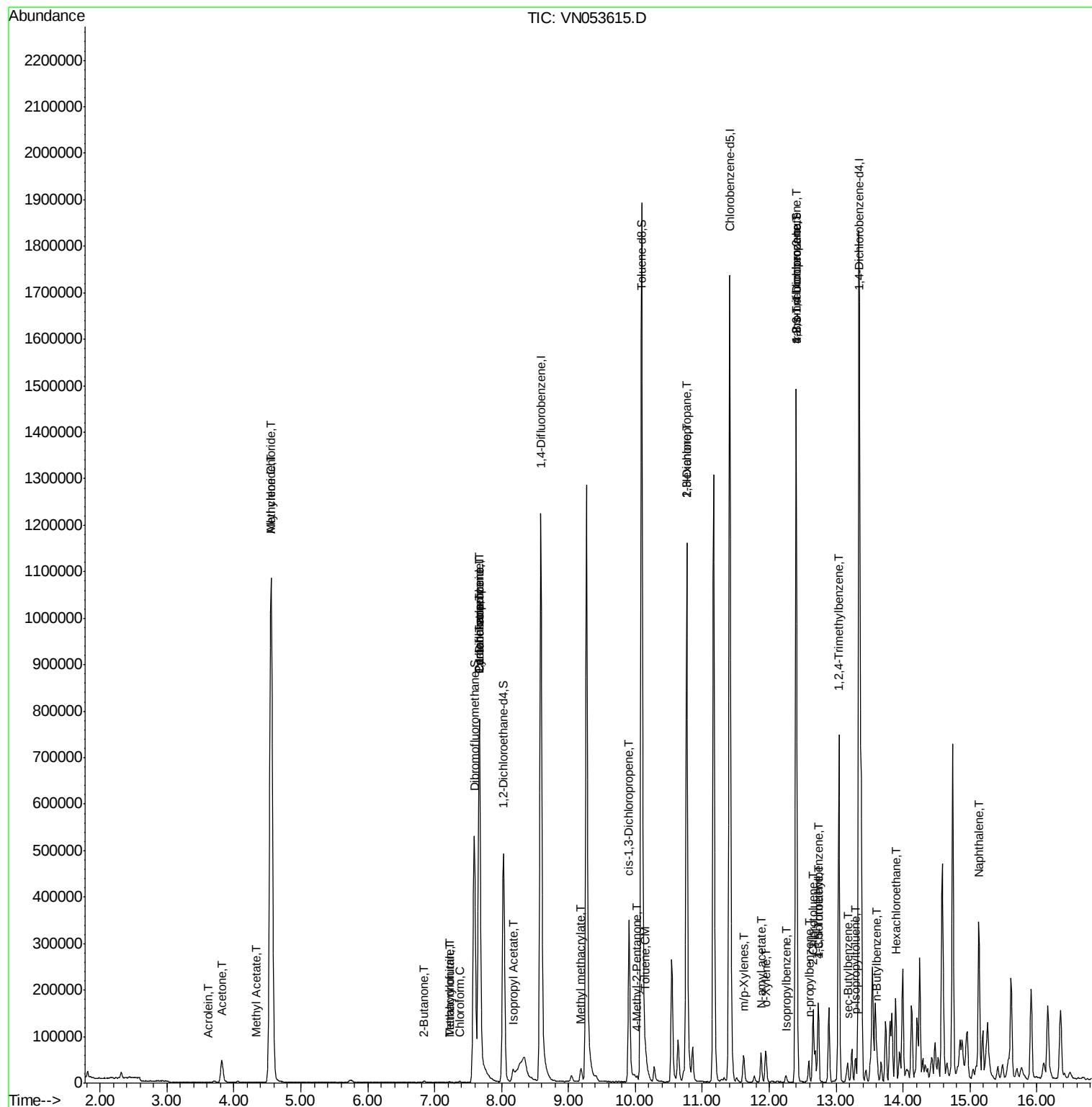
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	294258	13.867	ug/l	99

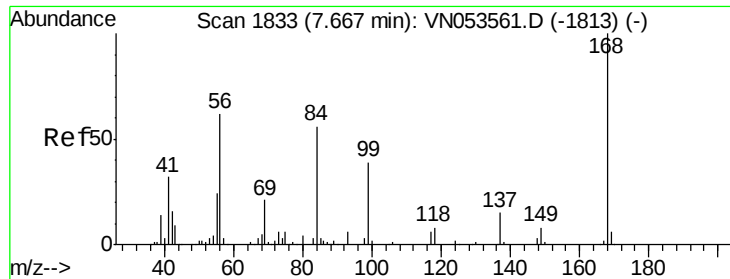
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020519\
Data File : VN053615.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

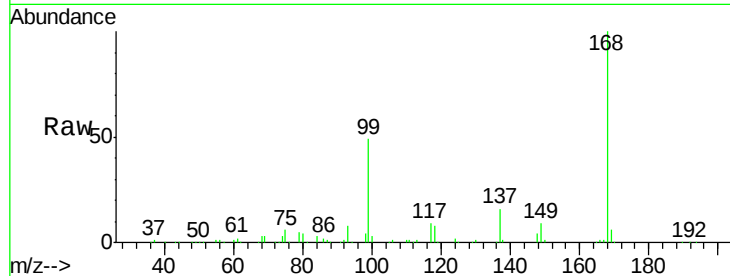
CL-02-020419-C

Tot Ion:168 Resp: 806982

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053615.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053615.D (-1740) (-)

7.67

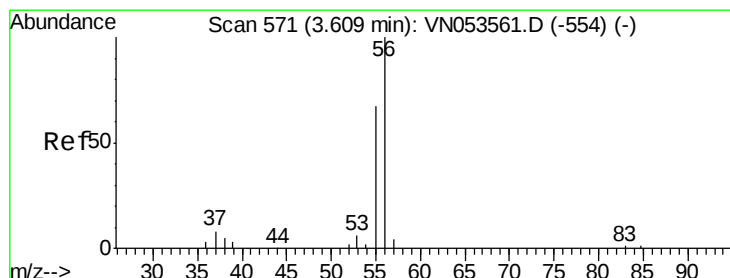
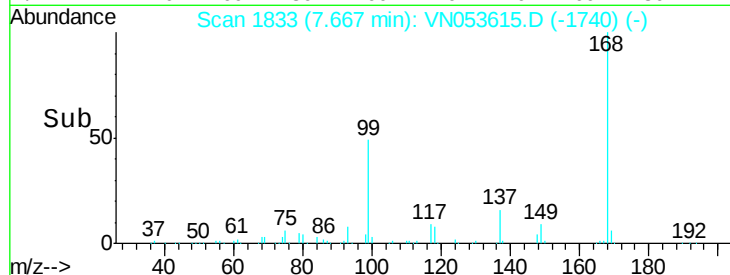
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.445 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN053615.D

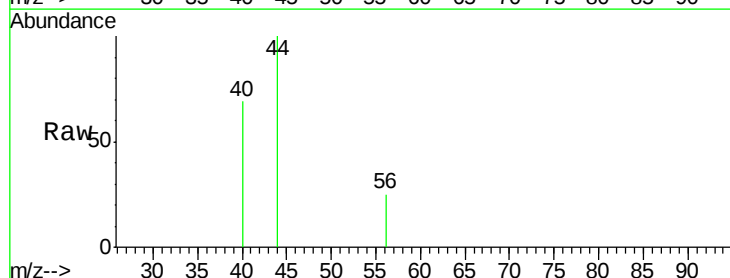
Acq: 5 Feb 2019 13:09

Tgt Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053615.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN053615.D (-478) (-)

3.61

250

200

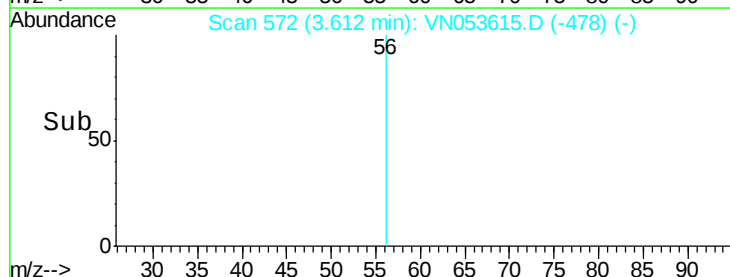
150

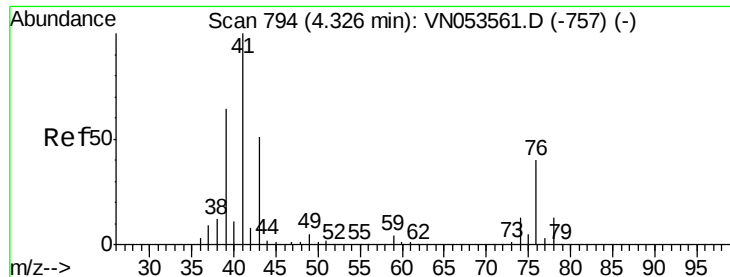
100

50

0

Time-->





#14

Allvl chloride

Concen: 2.641 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

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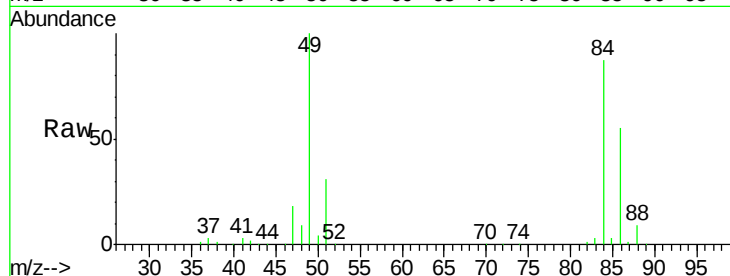
Tot Ion: 41 Resp: 31422

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

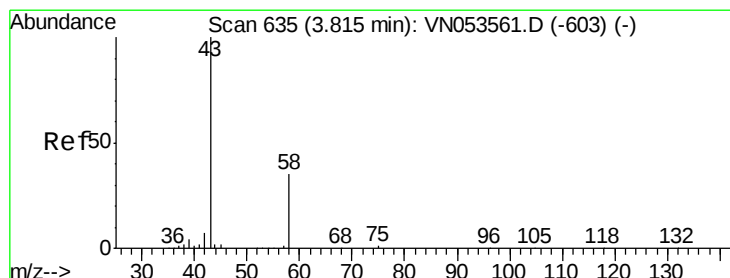
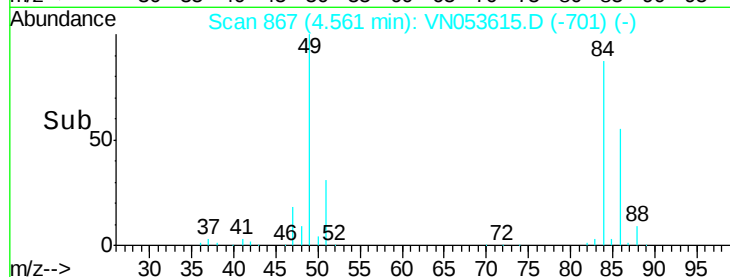
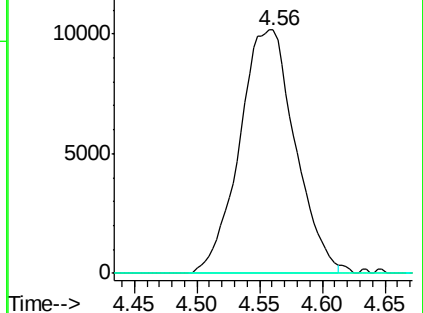
76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 38.908 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053615.D

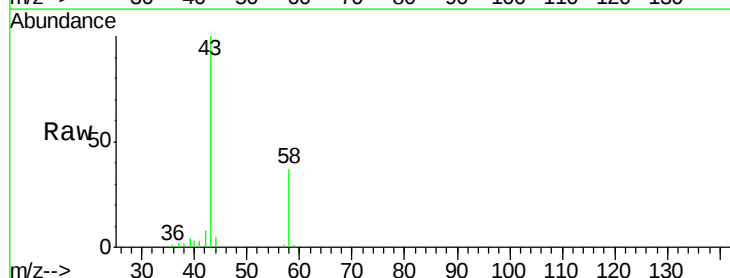
Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 80794

Ion Ratio Lower Upper

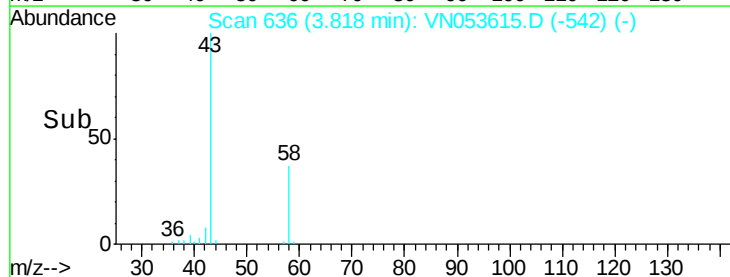
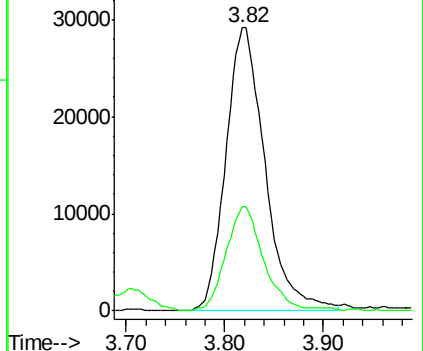
43 100

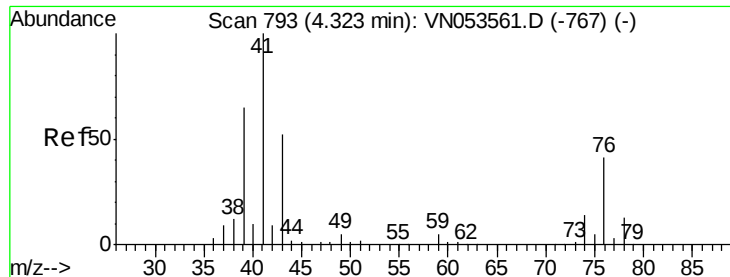
58 36.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

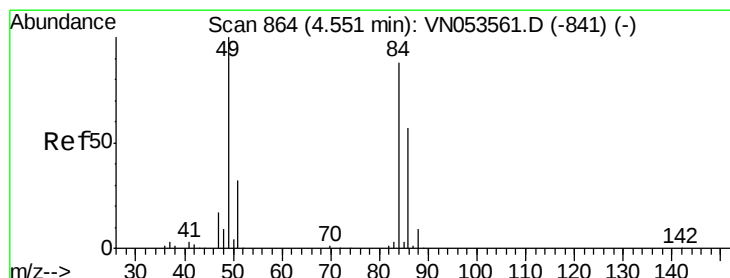
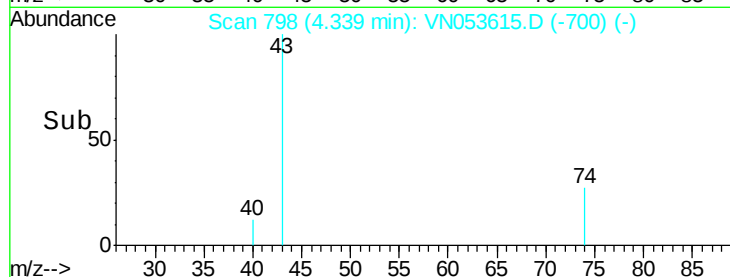
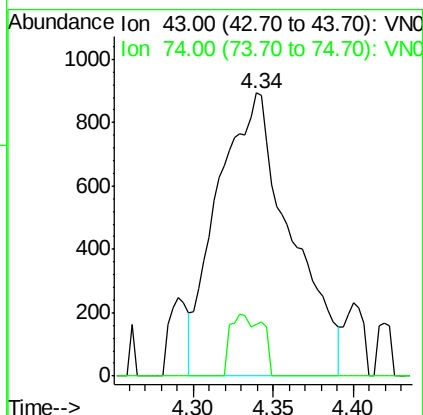
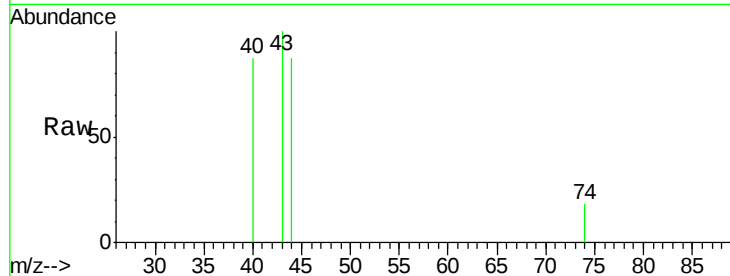




#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

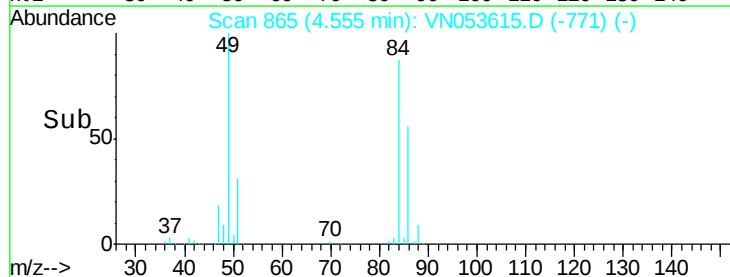
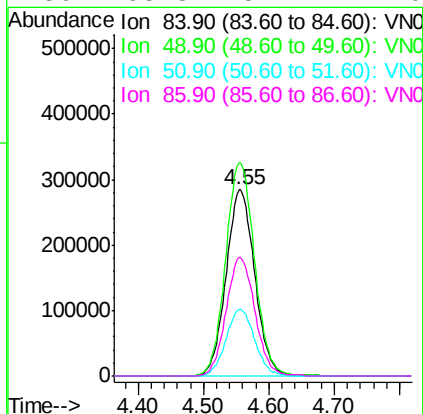
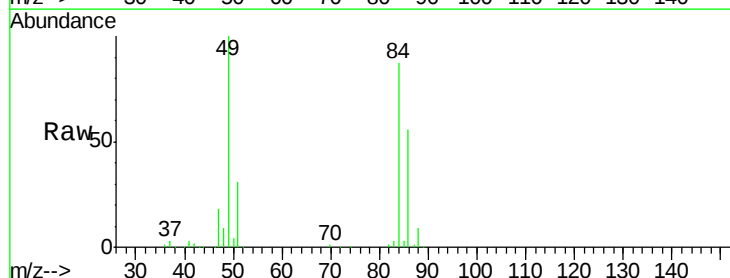
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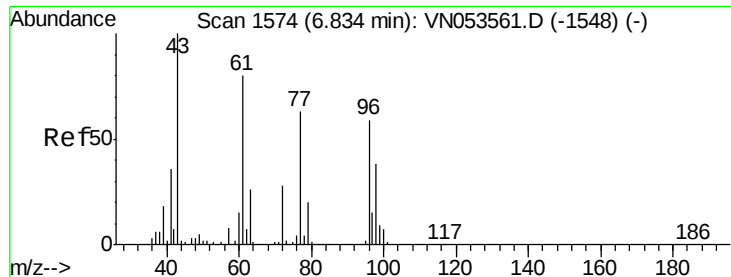
Tot Ion: 43 Resp: 2803
Ion Ratio Lower Upper
43 100
74 9.4 19.4 29.2#



#20
Methylene Chloride
Concen: 99.716 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 84 Resp: 868714
Ion Ratio Lower Upper
84 100
49 114.3 94.3 141.5
51 35.8 29.4 44.2
86 63.8 51.4 77.0

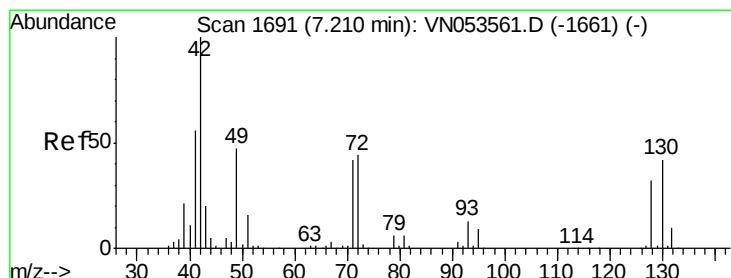
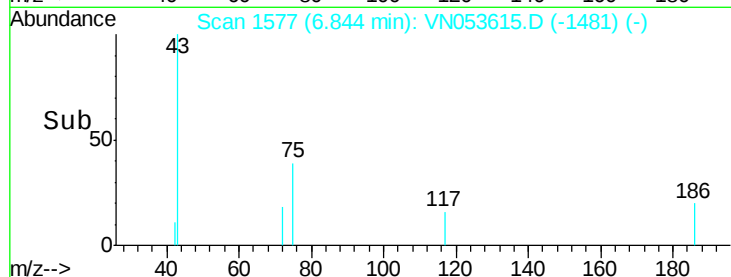
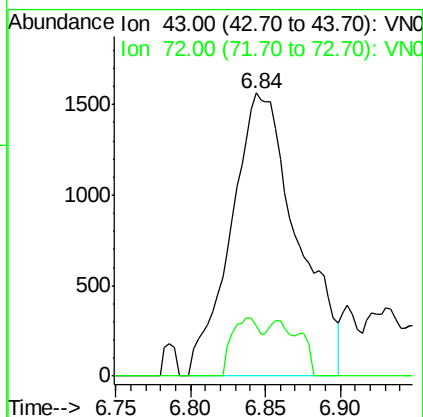
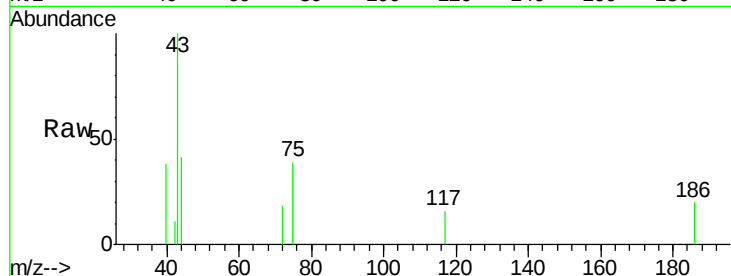




#25
2-Butanone
Concen: 1.623 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

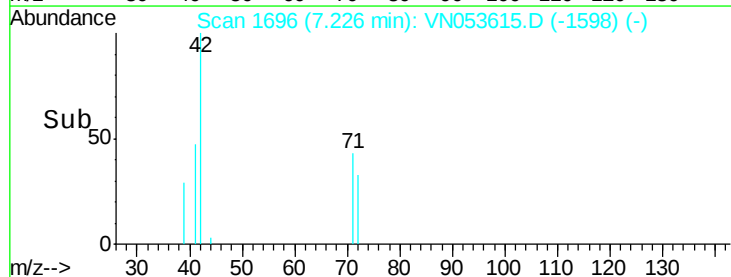
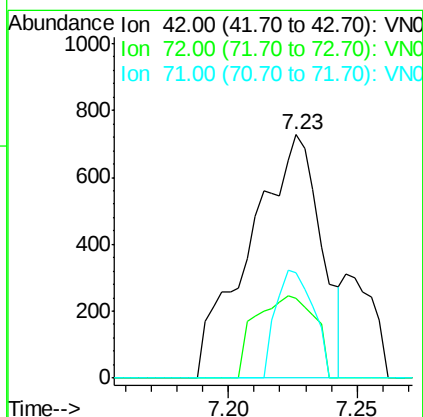
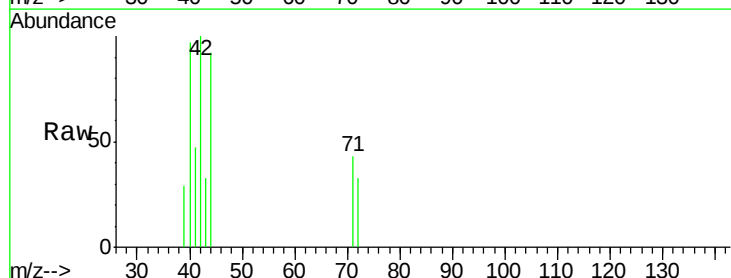
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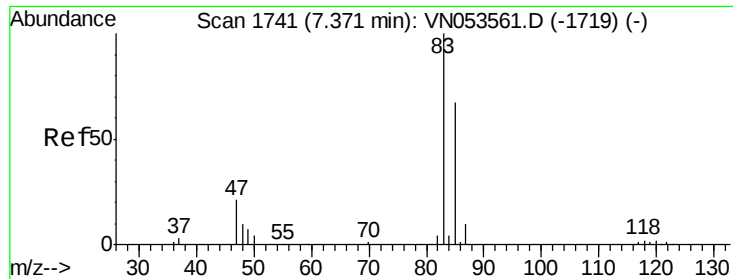
Tot Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
72 17.7 22.0 33.0#



#29
Tetrahydrofuran
Concen: 0.734 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 42 Resp: 1396
Ion Ratio Lower Upper
42 100
72 28.1 35.2 52.8#
71 23.4 33.0 49.4#

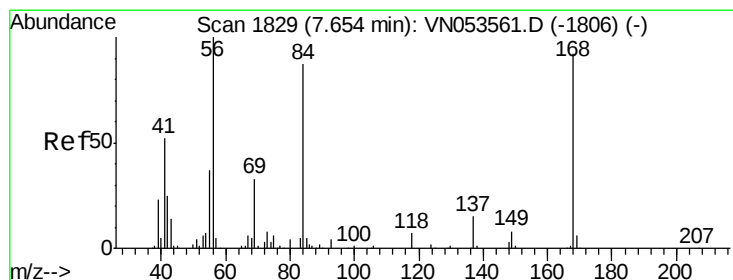
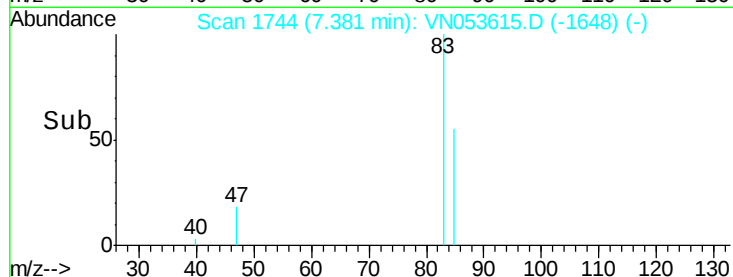
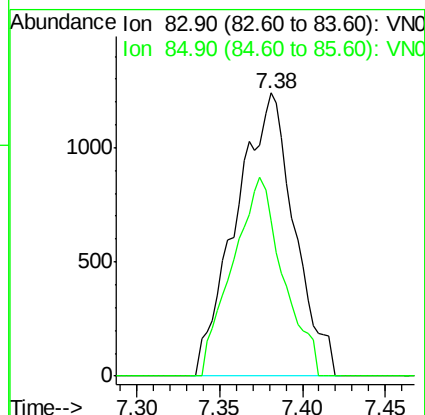
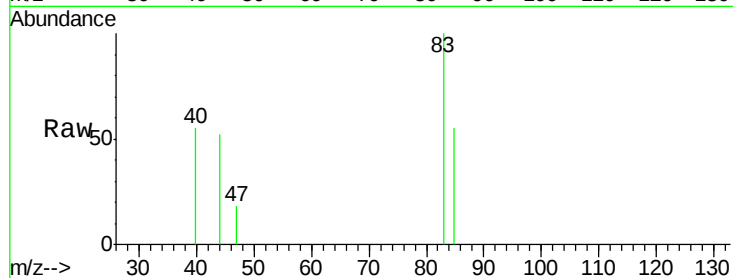




#30
Chloroform
Concen: 0.208 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

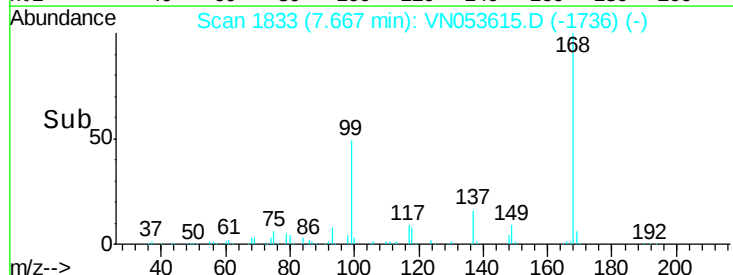
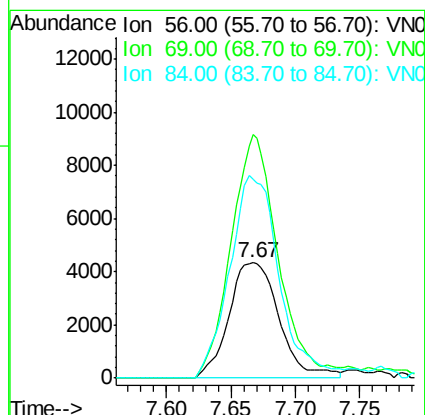
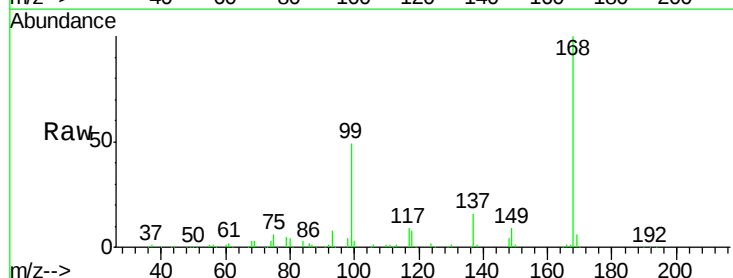
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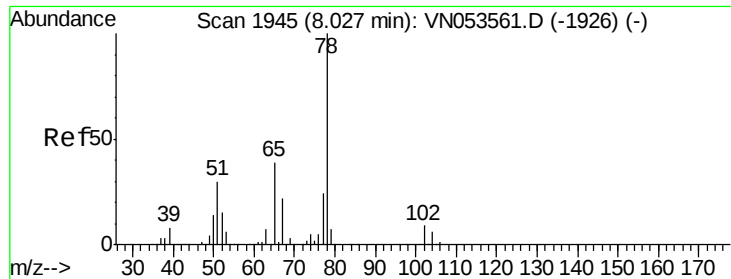
Tot Ion: 83 Resp: 3035
Ion Ratio Lower Upper
83 100
85 54.9 52.2 78.2



#31
Cyclohexane
Concen: 0.696 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 56 Resp: 11812
Ion Ratio Lower Upper
56 100
69 211.3 26.4 39.6#
84 172.9 67.9 101.9#

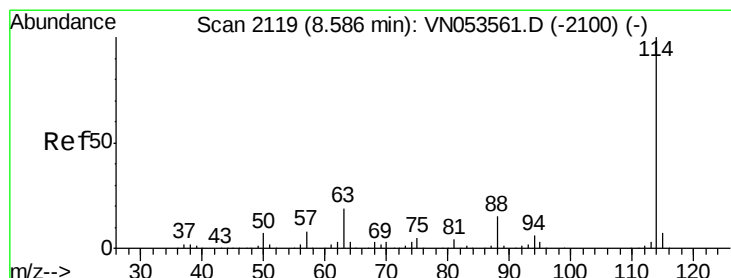
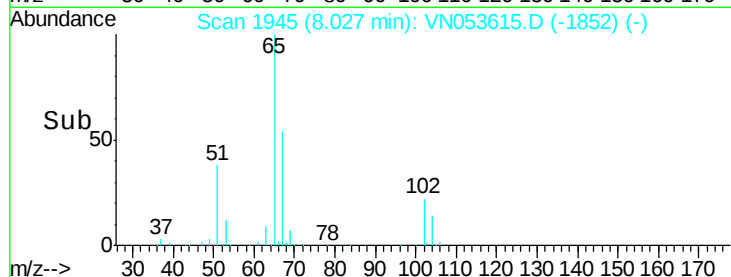
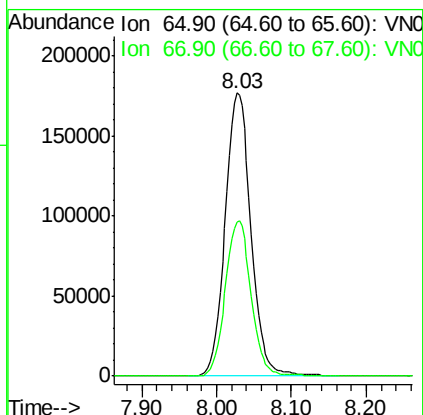
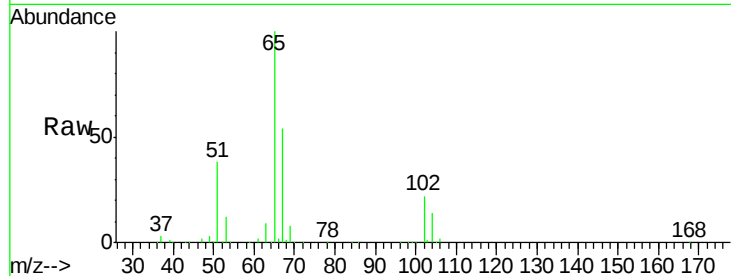




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

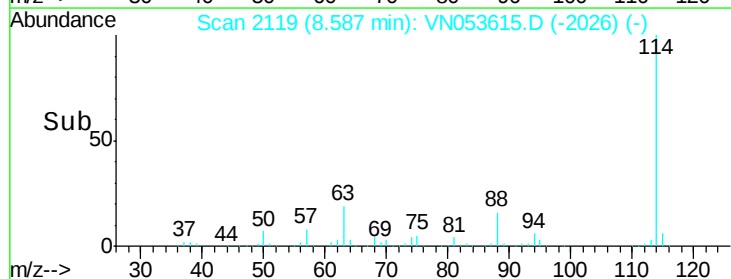
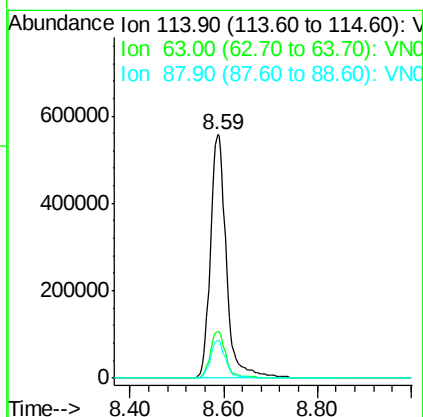
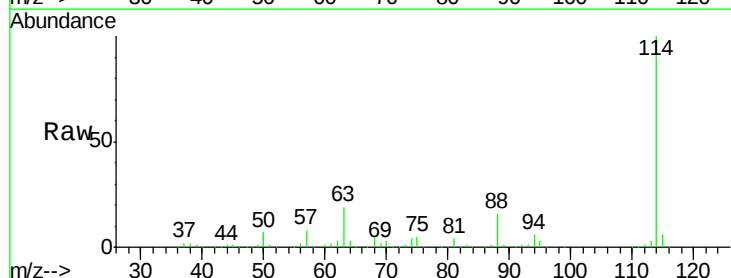
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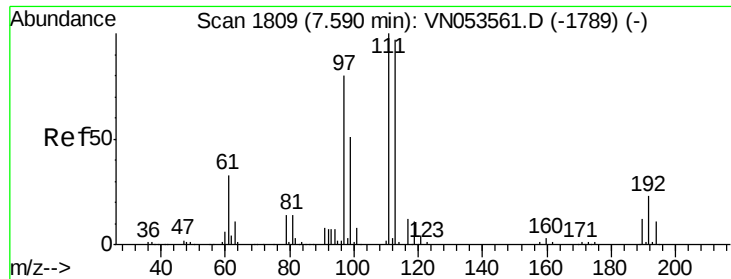
Tot Ion: 65 Resp: 422881
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

Tgt Ion: 114 Resp: 1311547
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.6 0.0 30.4

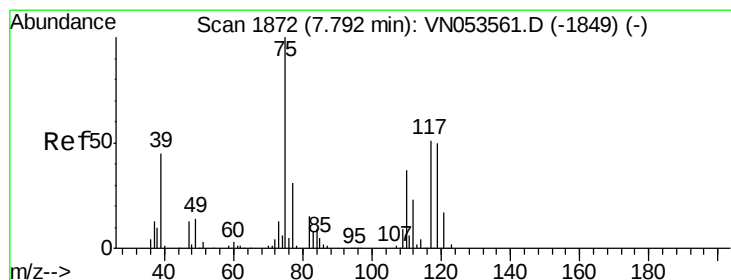
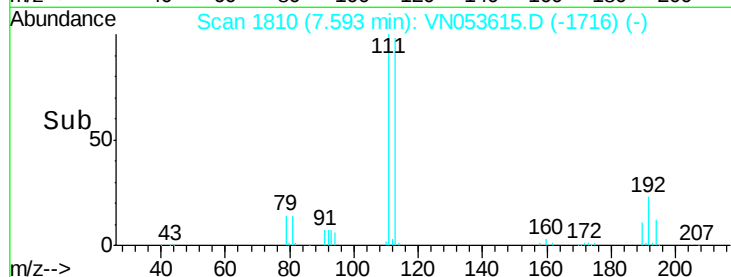
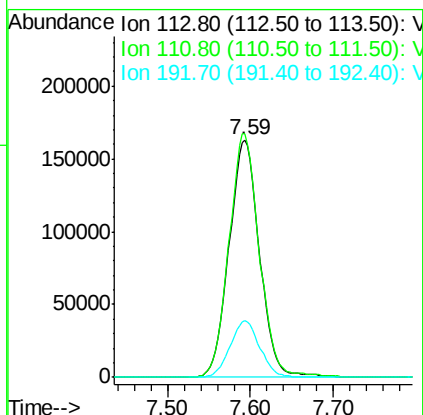
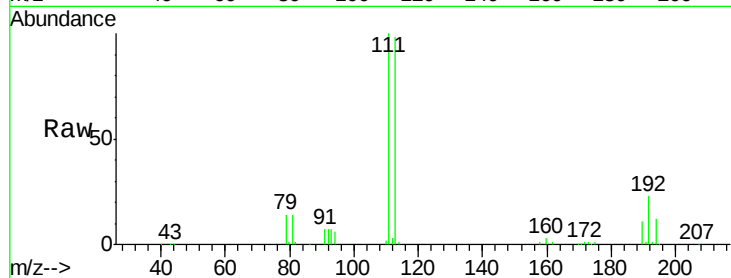




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

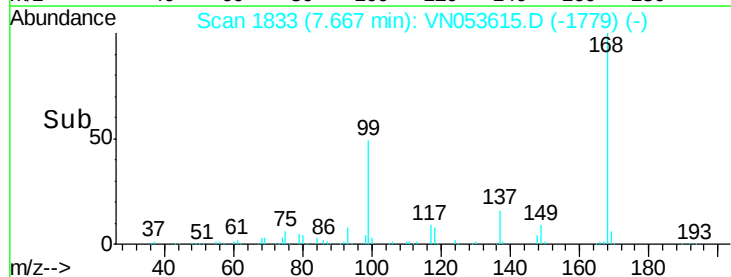
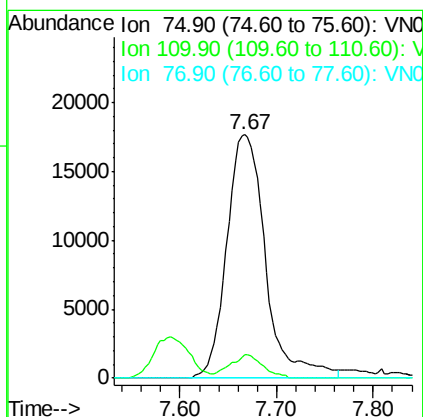
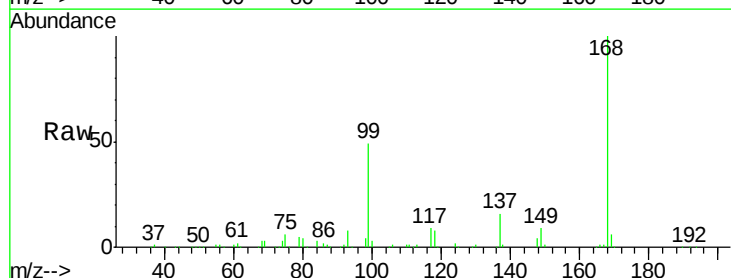
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-C

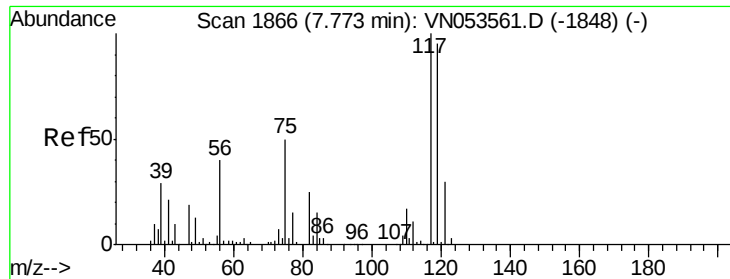
Tot Ion:113 Resp: 416383
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.4 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.162 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

Tgt Ion: 75 Resp: 49207
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.1 54.3#
 77 0.0 25.1 37.7#

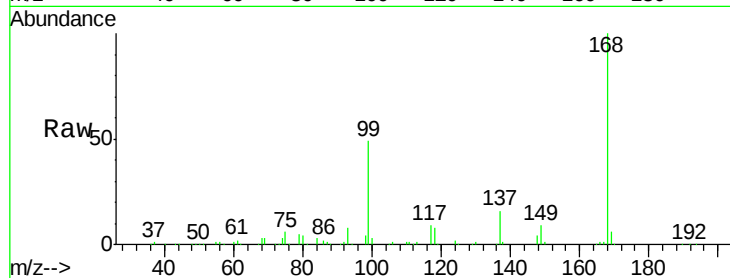




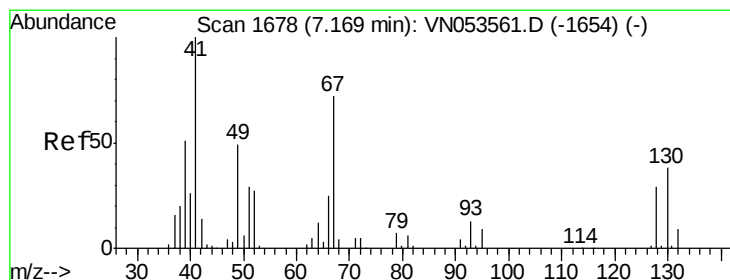
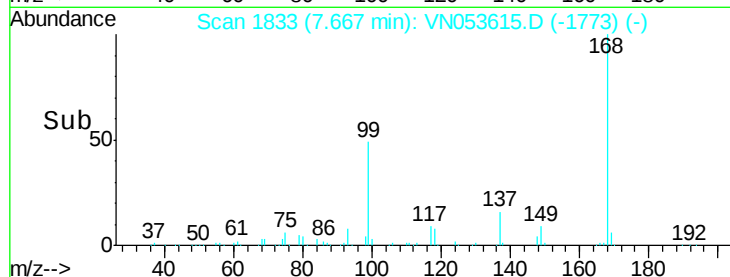
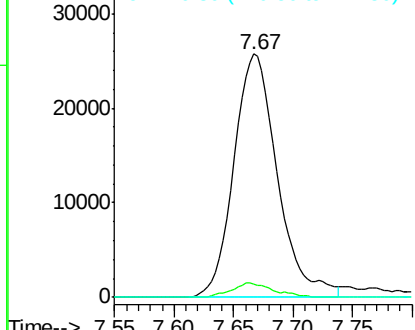
#38
Carbon Tetrachloride
Concen: 5.492 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

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

Tot Ion:117 Resp: 65409
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 24.6 37.0#

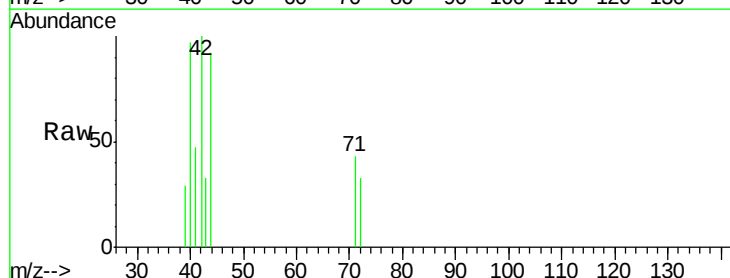


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

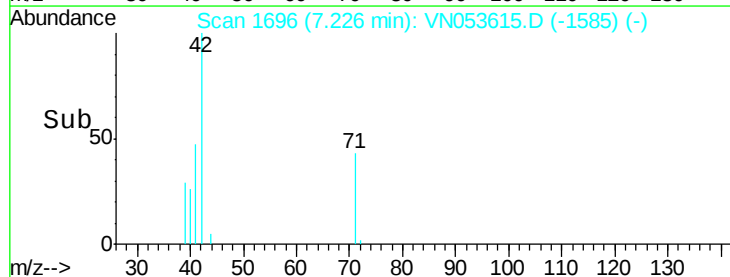
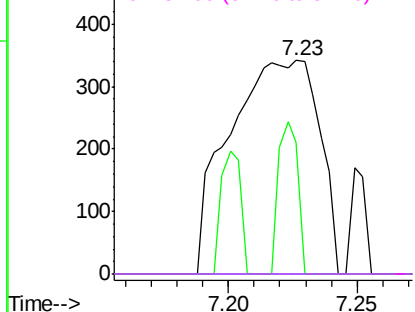


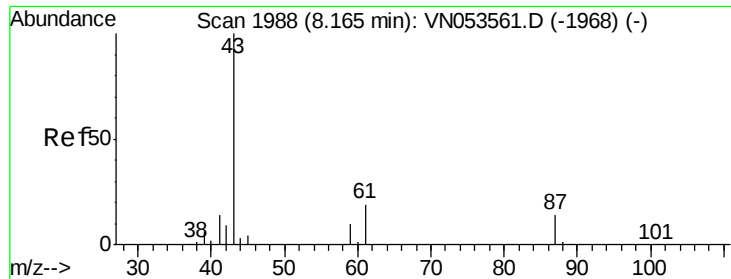
#41
Methacrylonitrile
Concen: 0.225 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.06 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 41 Resp: 830
Ion Ratio Lower Upper
41 100
39 15.3 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): V
Ion 39.00 (38.70 to 39.70): V
Ion 67.00 (66.70 to 67.70): V
Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.103 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-C

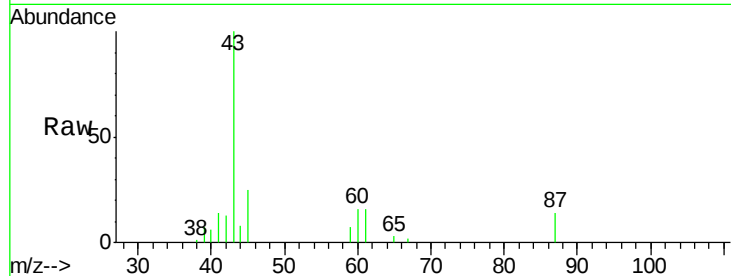
Tot Ion: 43 Resp: 39570

Ion Ratio Lower Upper

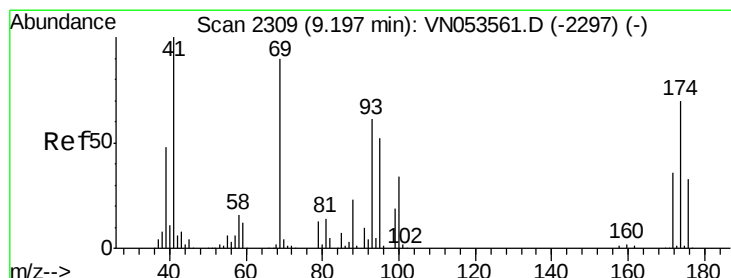
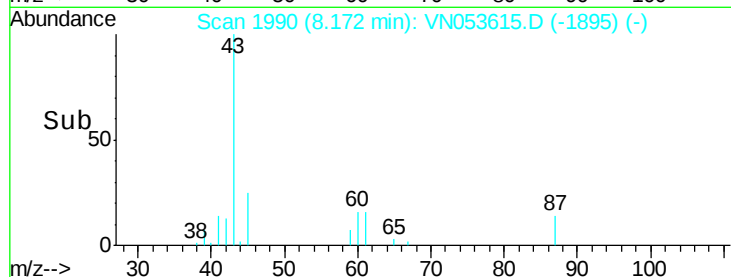
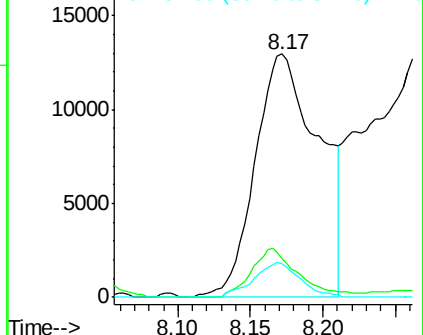
43 100

61 15.0 23.9 35.9#

87 10.4 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.865 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

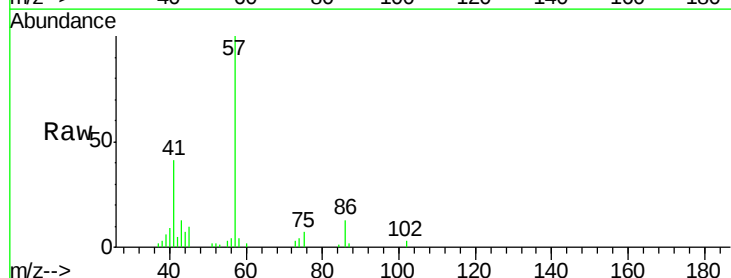
Tgt Ion: 41 Resp: 11354

Ion Ratio Lower Upper

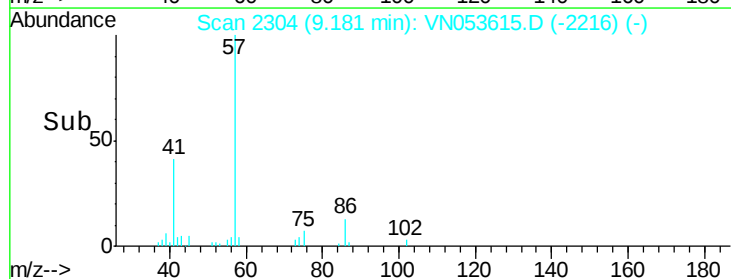
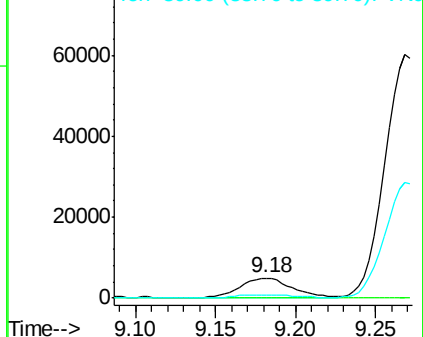
41 100

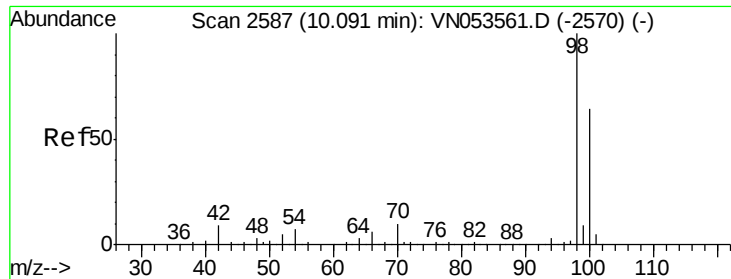
69 0.0 73.8 110.6#

39 17.8 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

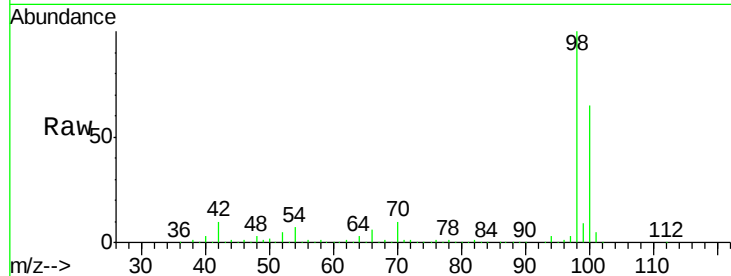
CL-02-020419-C

Tot Ion: 98 Resp: 1581397

Ion Ratio Lower Upper

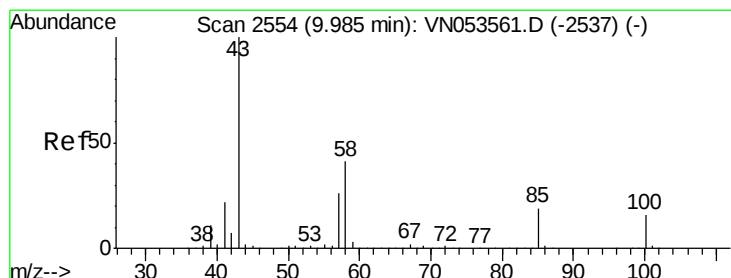
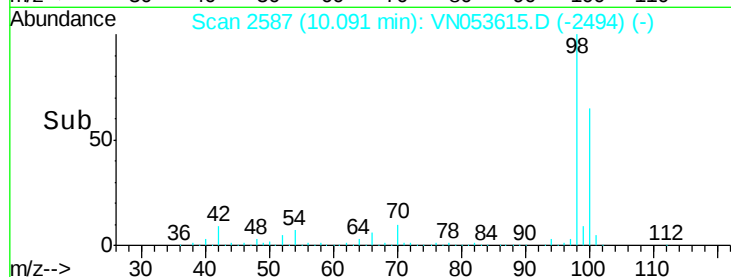
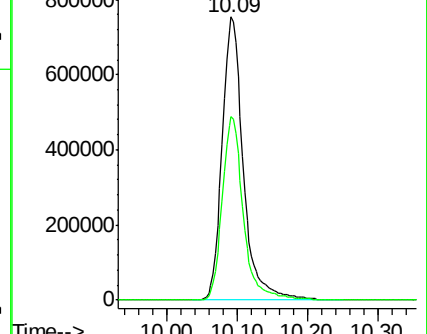
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.322 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053615.D

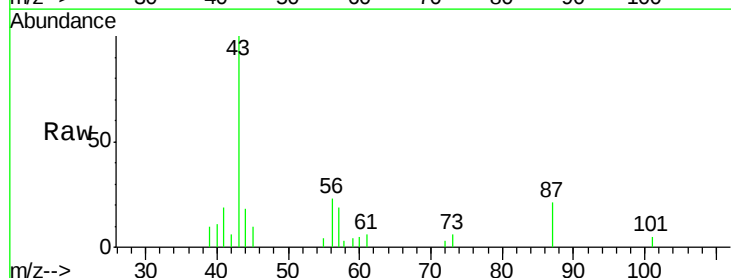
Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 8287

Ion Ratio Lower Upper

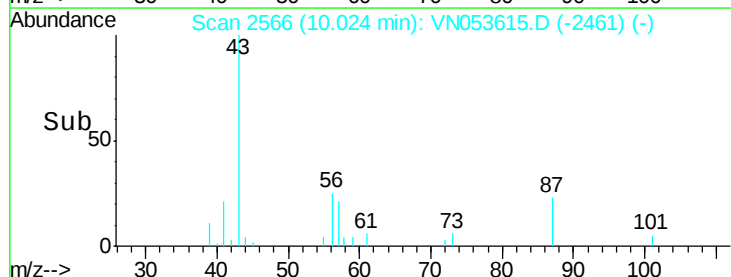
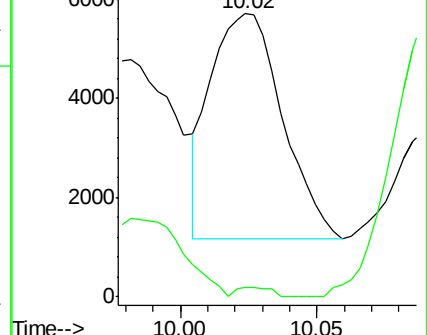
43 100

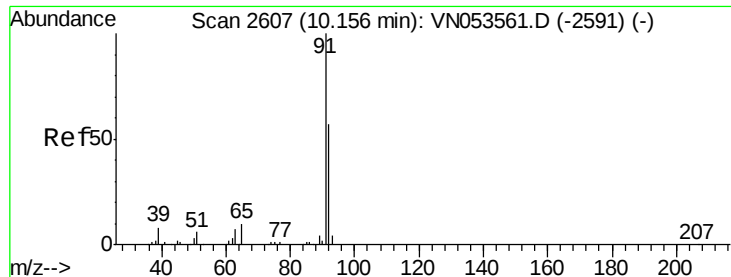
58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.235 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampled :

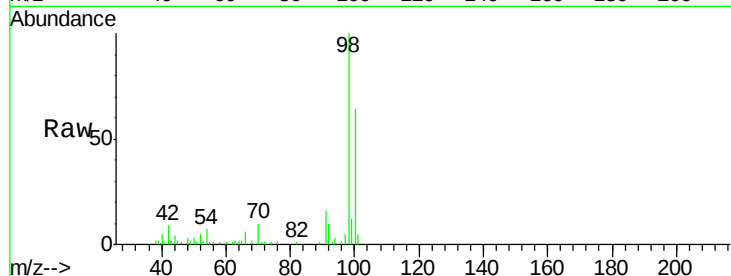
CL-02-020419-C

Tot Ion: 92 Resp: 5082

Ion Ratio Lower Upper

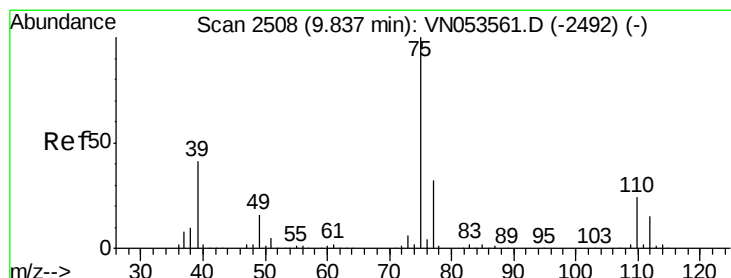
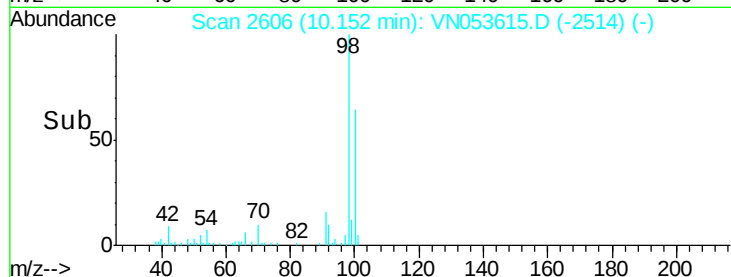
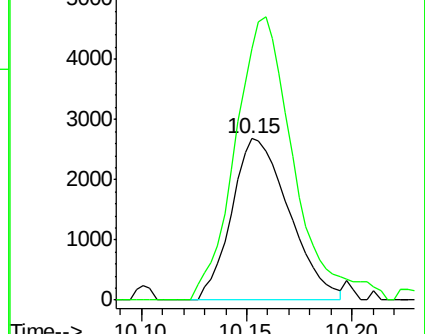
92 100

91 178.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.515 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

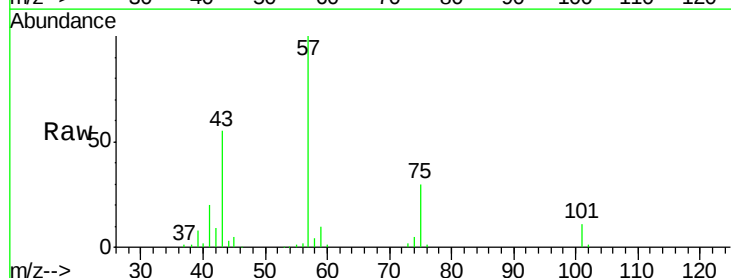
Tgt Ion: 75 Resp: 76487

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

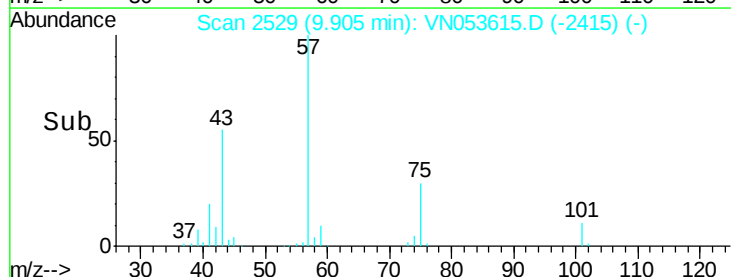
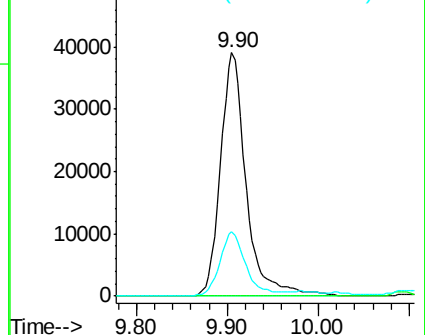
39 26.2 33.4 50.0#

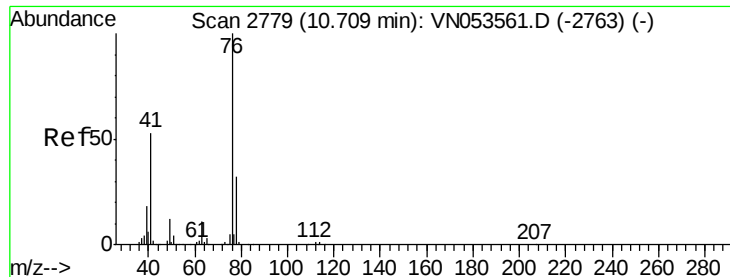


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.023 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

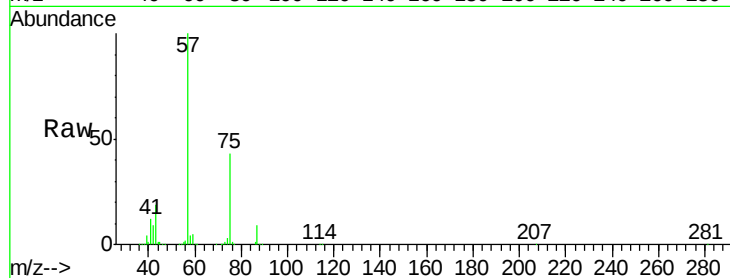
CL-02-020419-C

Tot Ion: 76 Resp: 13629

Ion Ratio Lower Upper

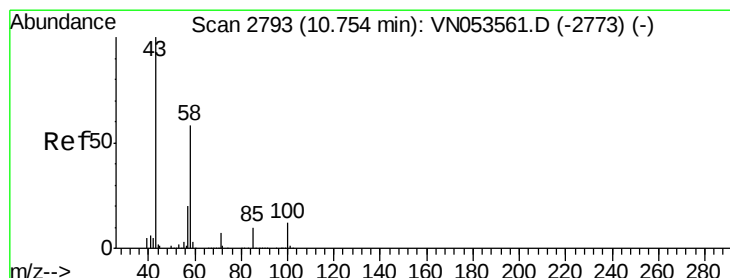
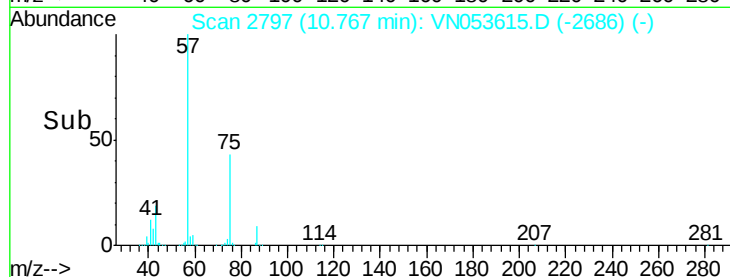
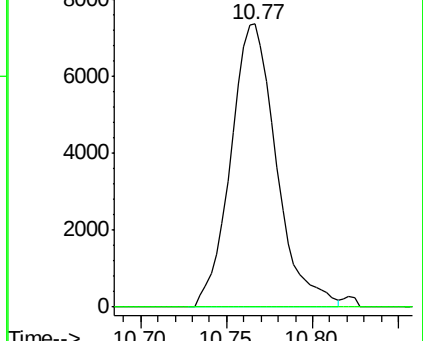
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 42.538 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN053615.D

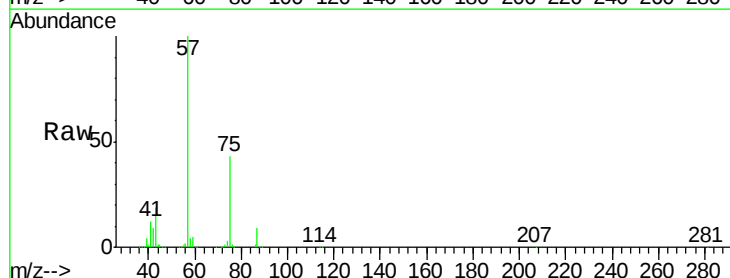
Acq: 5 Feb 2019 13:09

Tgt Ion: 43 Resp: 180957

Ion Ratio Lower Upper

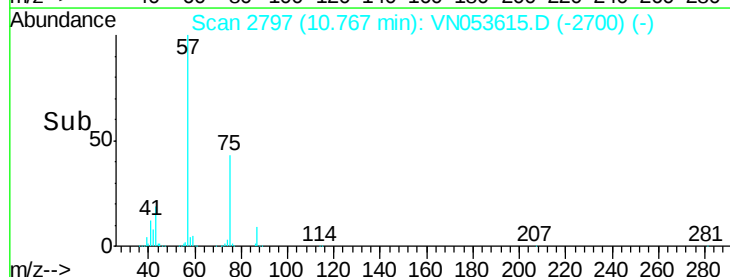
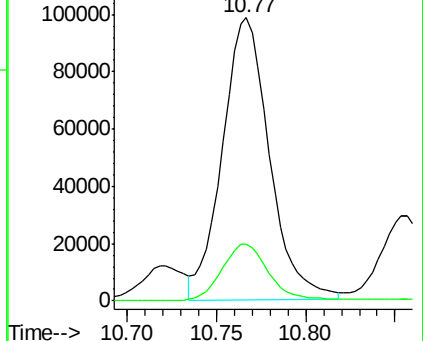
43 100

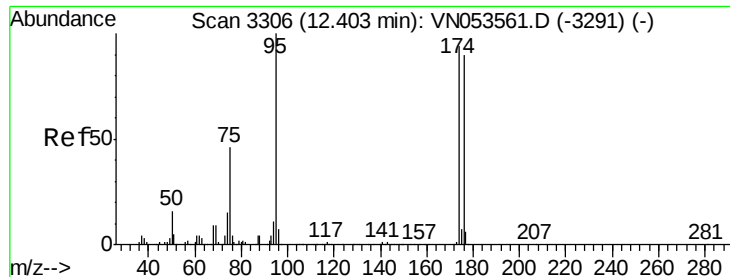
58 20.4 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-C

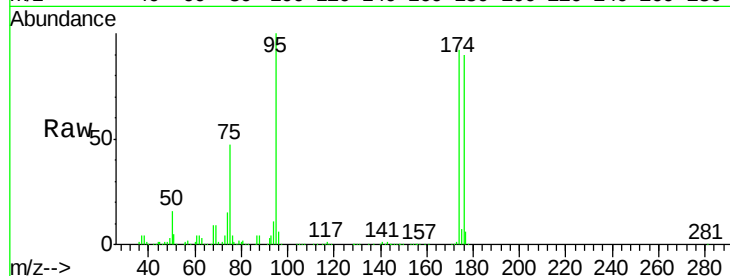
Tot Ion: 95 Resp: 529671

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.2

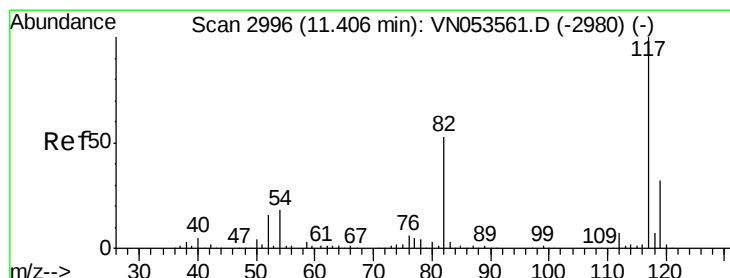
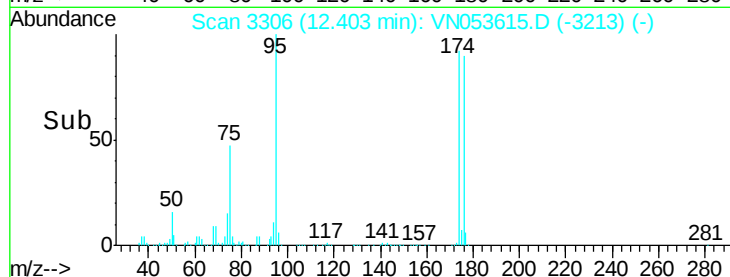
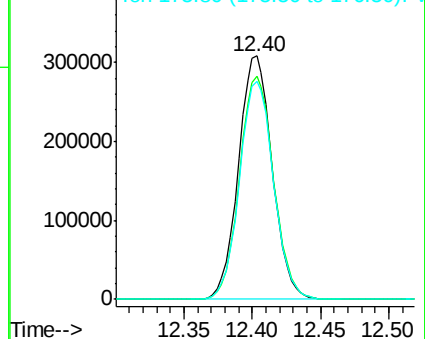
176 90.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053615.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053615.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053615.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

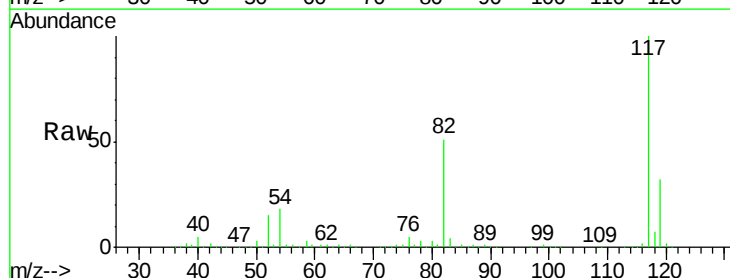
Tgt Ion: 117 Resp: 1193065

Ion Ratio Lower Upper

117 100

82 51.5 42.9 64.3

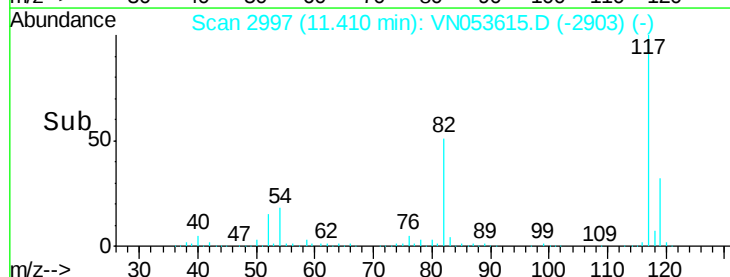
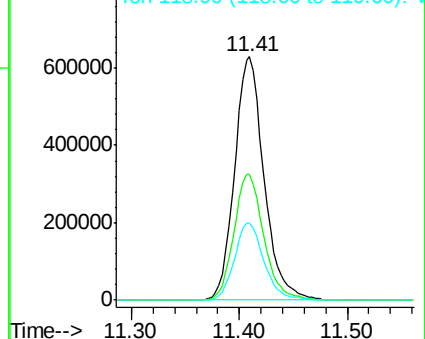
119 31.6 26.0 39.0

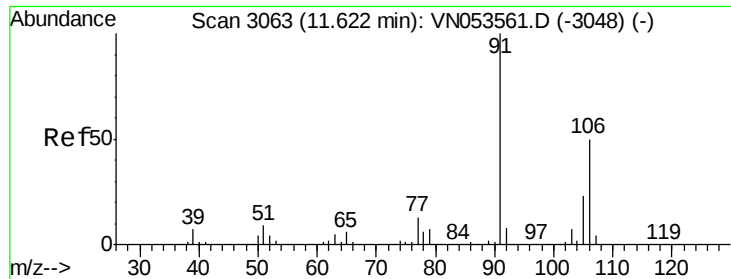


Abundance Ion 116.90 (116.60 to 117.60): VN053615.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053615.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053615.D (-2980) (-)

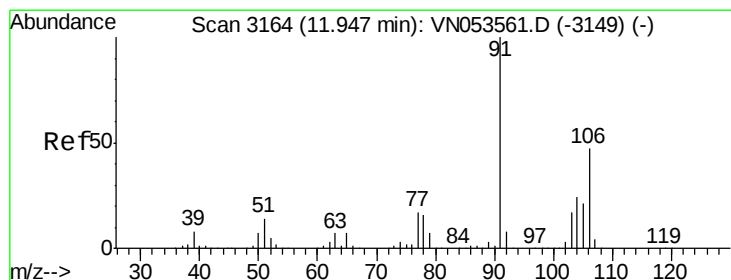
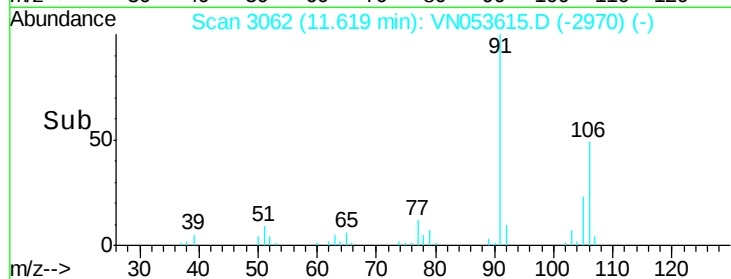
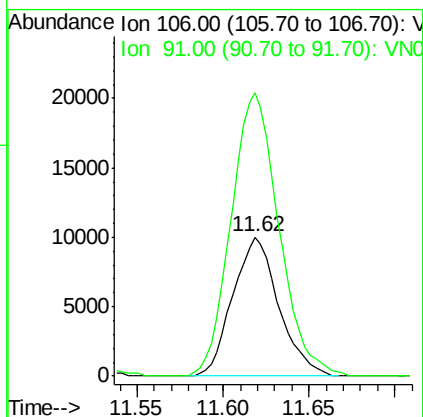
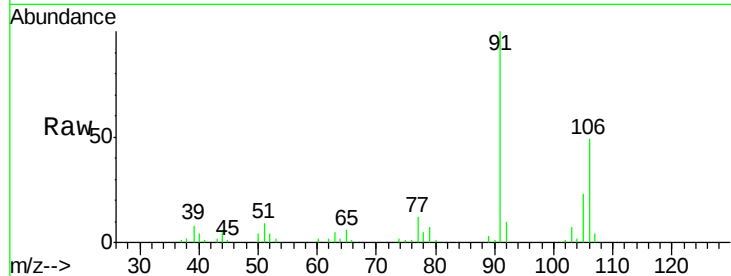




#68
m/p-Xvlenes
Concen: 1.169 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

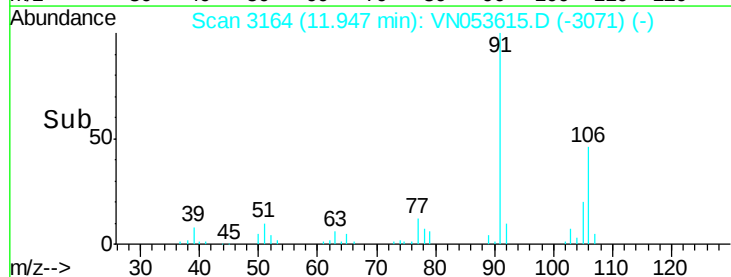
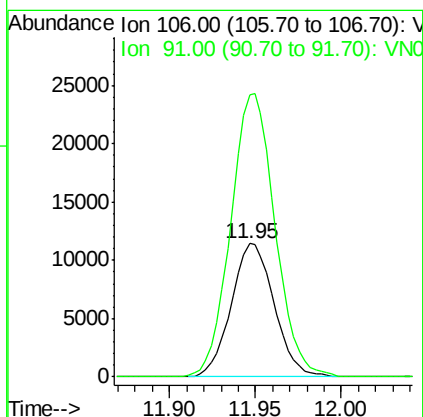
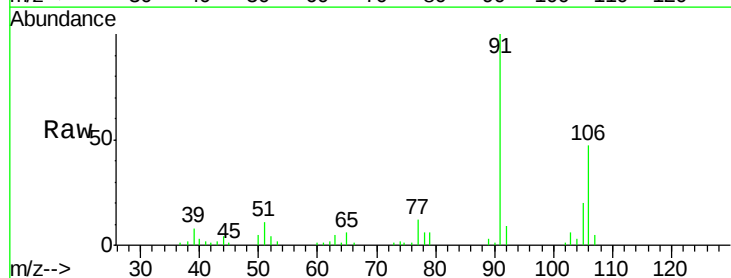
Instrument :
MSVOA_N
ClientSampleId :
CL-02-020419-C

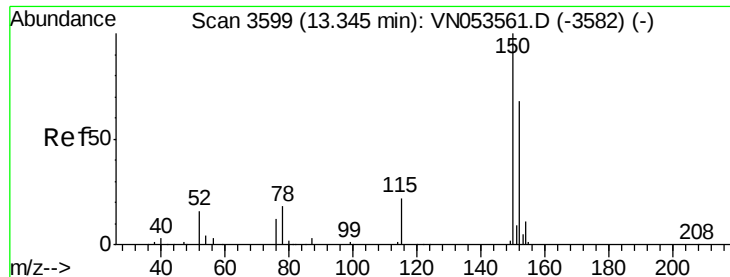
Tot Ion:106 Resp: 18569
Ion Ratio Lower Upper
106 100
91 211.8 161.4 242.2



#69
o-Xylene
Concen: 1.298 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion:106 Resp: 19918
Ion Ratio Lower Upper
106 100
91 218.3 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-C

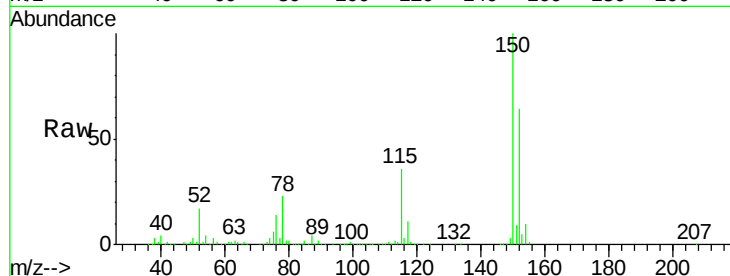
Tot Ion:152 Resp: 533022

Ion Ratio Lower Upper

152 100

115 58.6 27.8 83.4

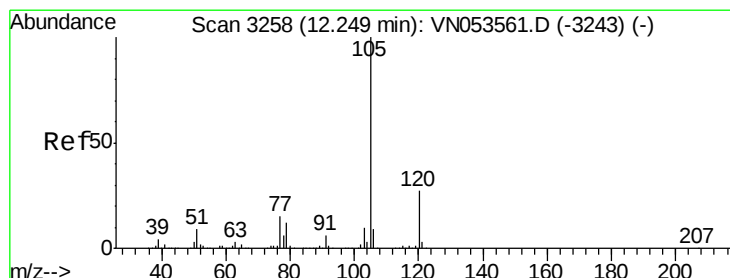
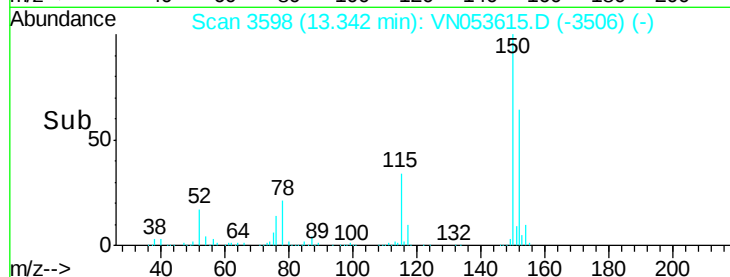
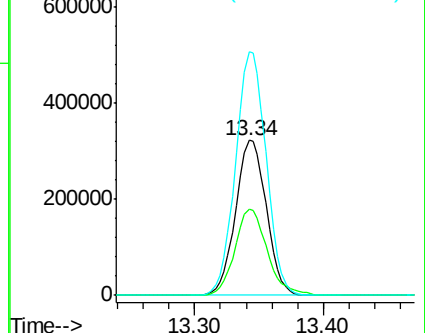
150 156.4 0.0 349.0



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: 0.296 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053615.D

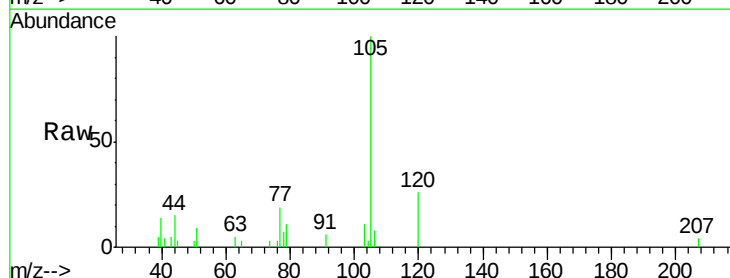
Acq: 5 Feb 2019 13:09

Tgt Ion:105 Resp: 11092

Ion Ratio Lower Upper

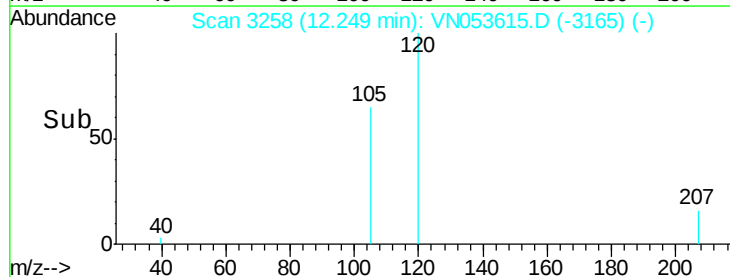
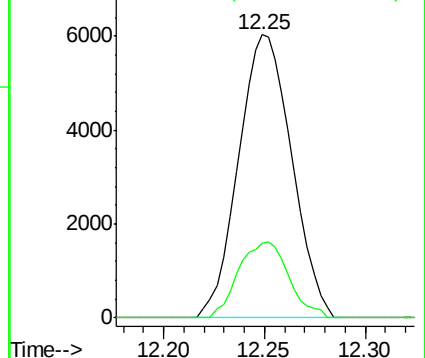
105 100

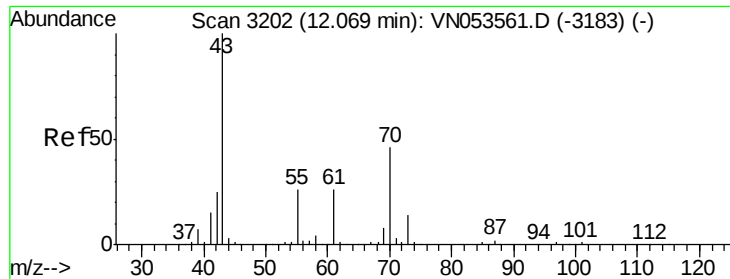
120 25.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 2.180 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

CL-02-020419-C

Tot Ion: 43 Resp: 19641

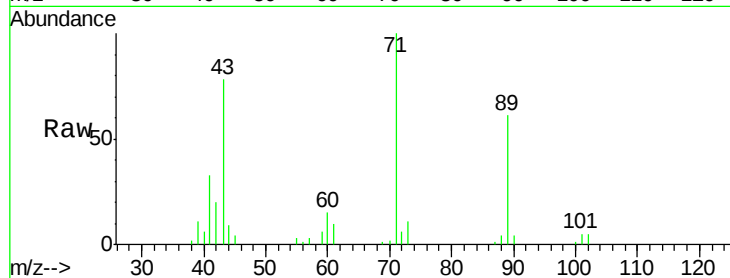
Ion Ratio Lower Upper

43 100

70 2.9 35.4 53.2#

55 4.2 20.9 31.3#

61 11.3 20.5 30.7#

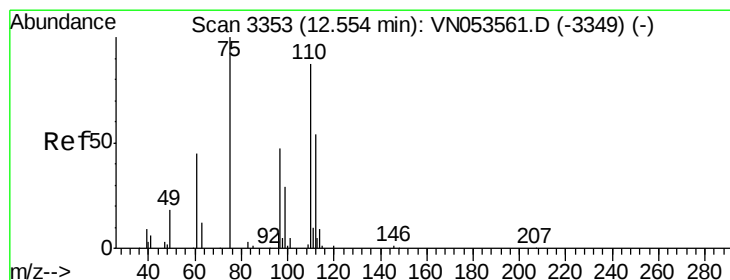
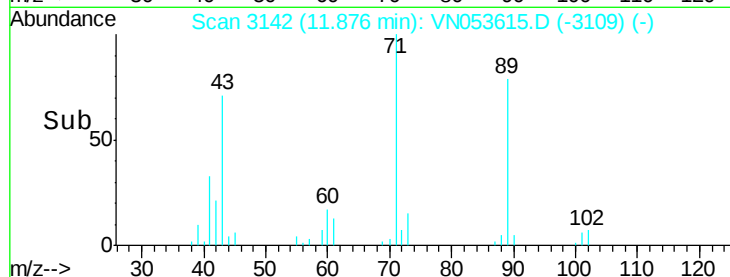
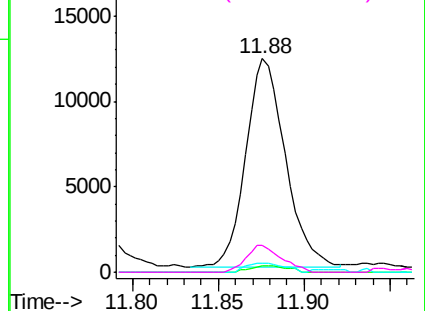


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 36.566 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053615.D

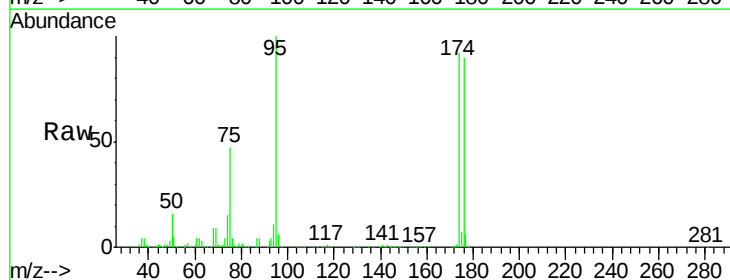
Acq: 5 Feb 2019 13:09

Tgt Ion: 75 Resp: 250342

Ion Ratio Lower Upper

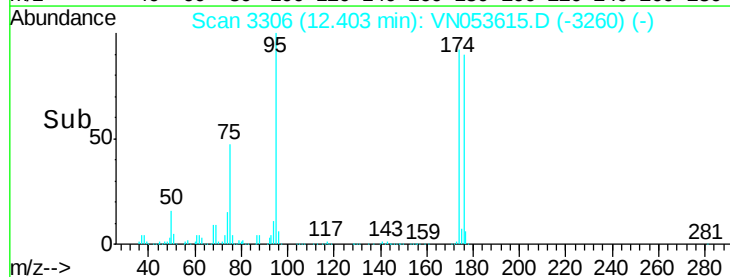
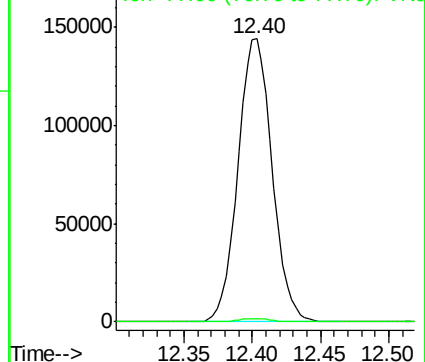
75 100

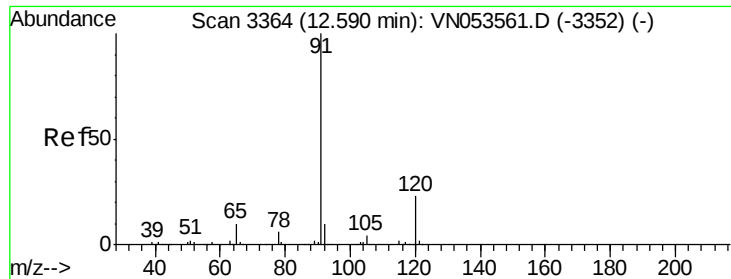
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.850 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

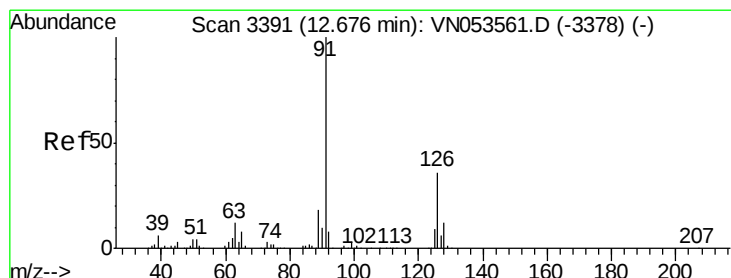
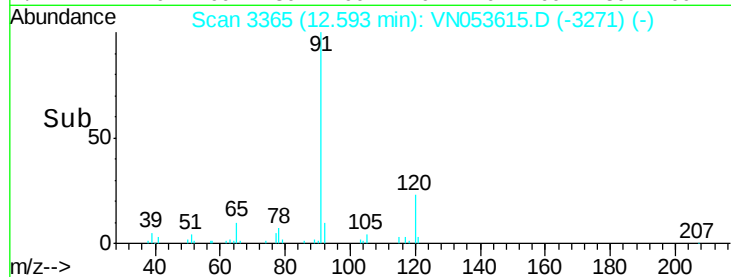
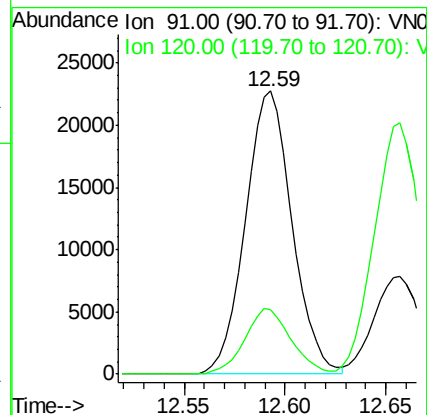
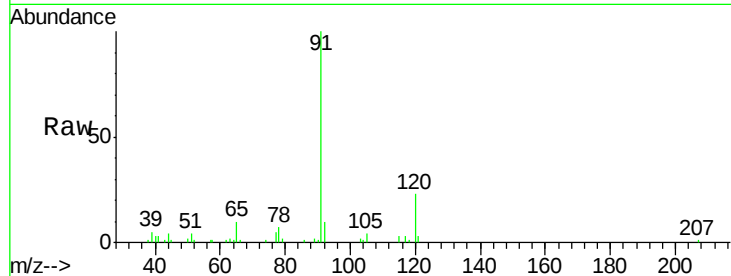
CL-02-020419-C

Tot Ion: 91 Resp: 36837

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.446 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053615.D

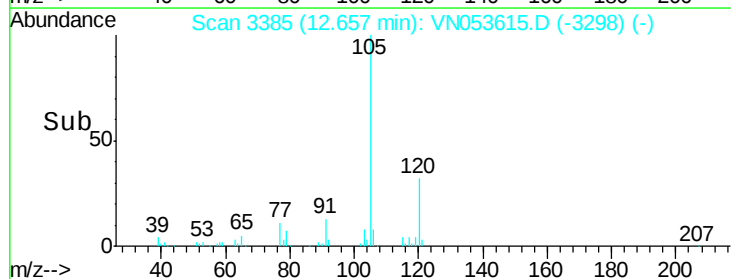
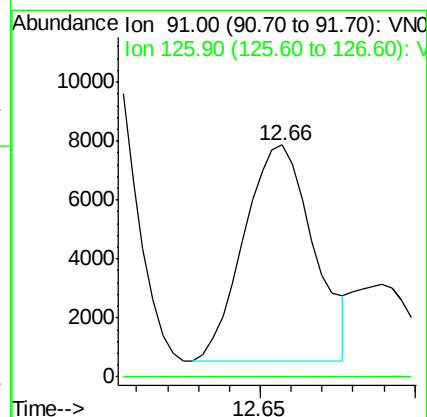
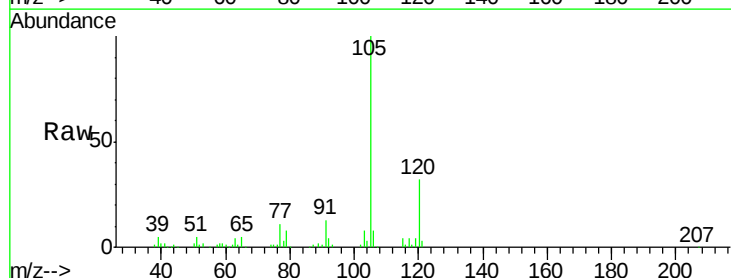
Acq: 5 Feb 2019 13:09

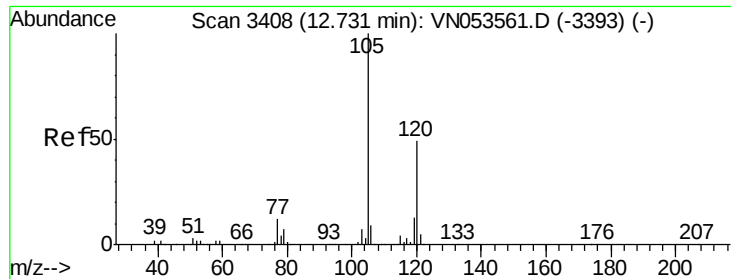
Tgt Ion: 91 Resp: 11468

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

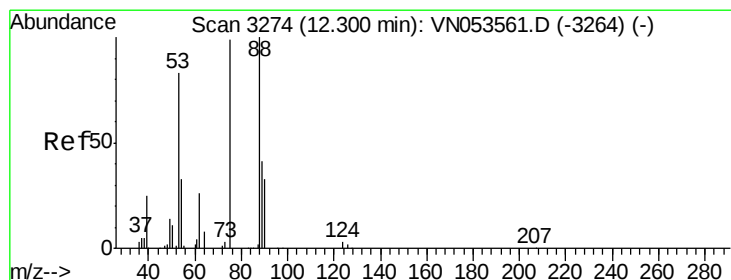
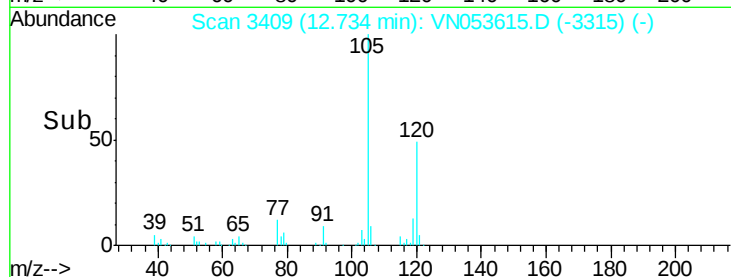
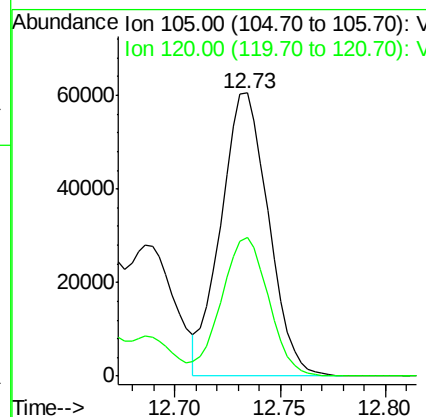
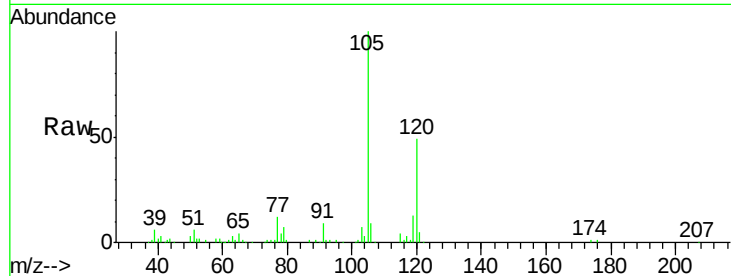




#80
 1,3,5-Trimethylbenzene
 Concen: 3.066 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

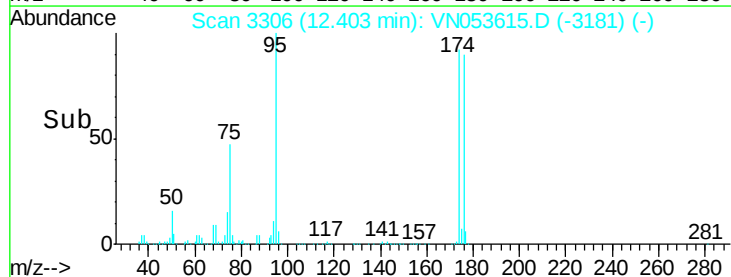
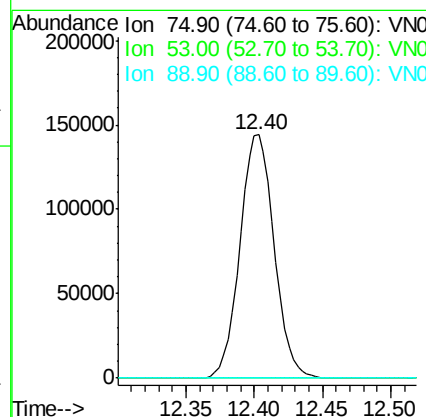
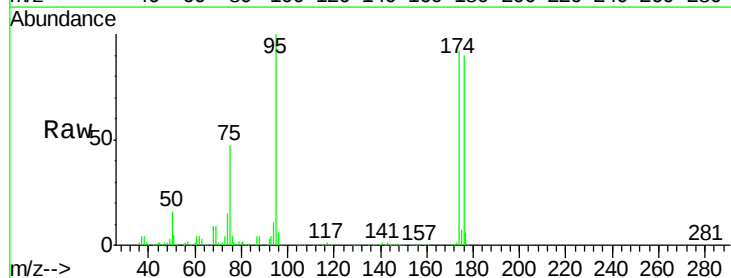
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-020419-C

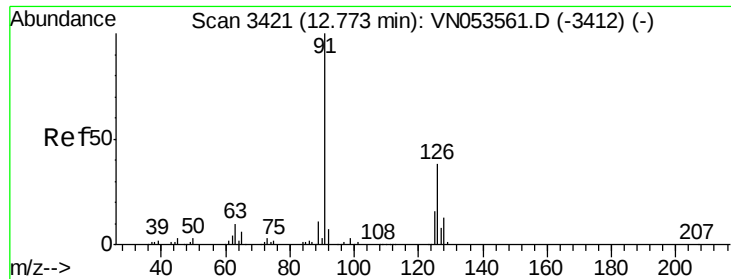
Tot Ion:105 Resp: 95278
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.820 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053615.D
 Acq: 5 Feb 2019 13:09

Tgt Ion: 75 Resp: 250342
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#





#82

4-Chlorotoluene

Concen: 0.314 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

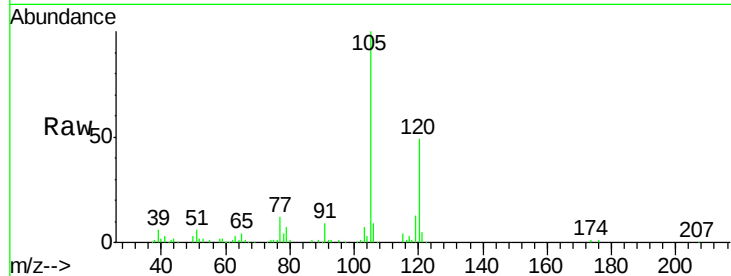
CL-02-020419-C

Tot Ion: 91 Resp: 8269

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN053561.D (-3412) (-)

12.73

6000

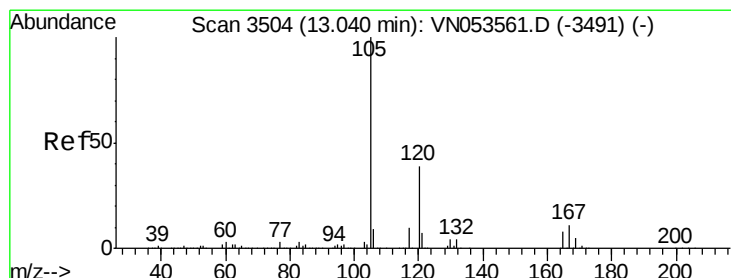
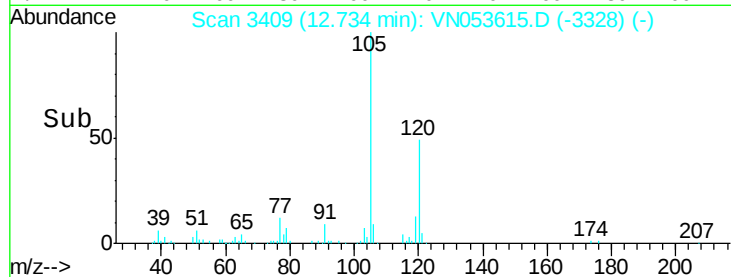
4000

2000

0

12.70 12.75

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 13.614 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053615.D

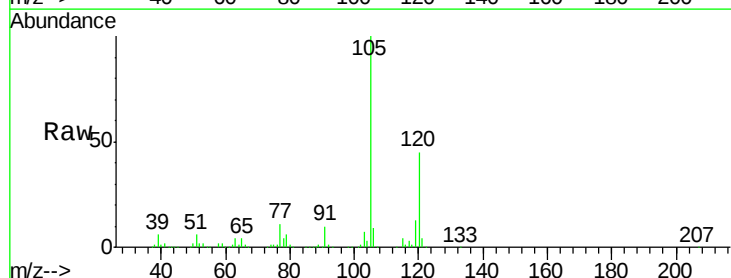
Acq: 5 Feb 2019 13:09

Tgt Ion: 105 Resp: 430993

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3491) (-)

13.04

300000

250000

200000

150000

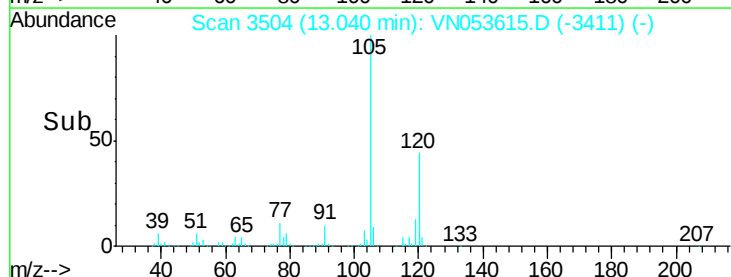
100000

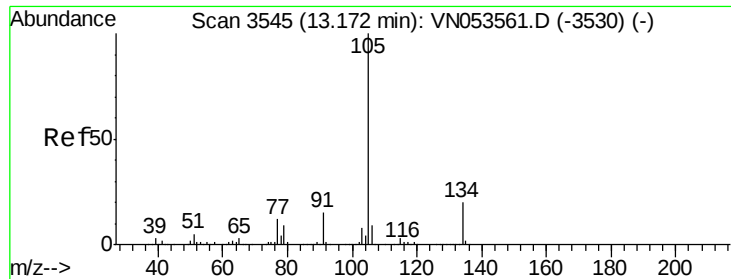
50000

0

12.95 13.00 13.05 13.10

Time-->





#85

sec-Butylbenzene

Concen: 0.743 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

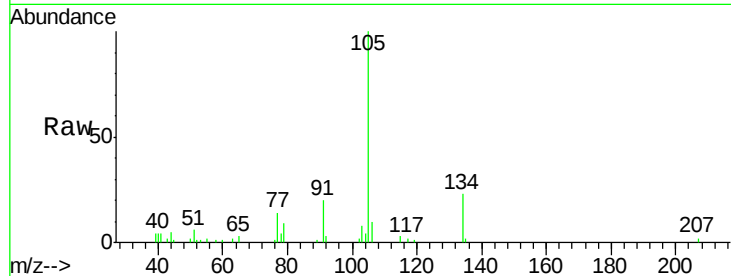
CL-02-020419-C

Tot Ion:105 Resp: 27768

Ion Ratio Lower Upper

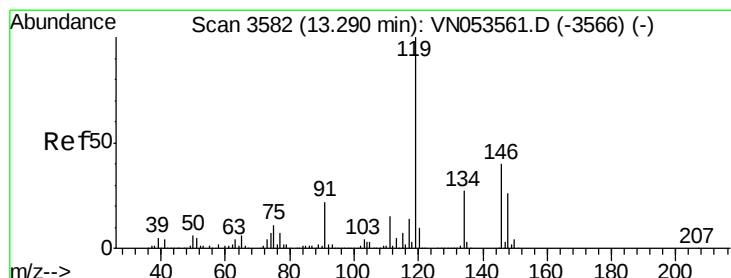
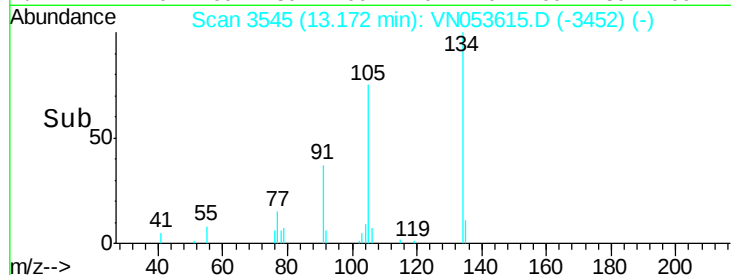
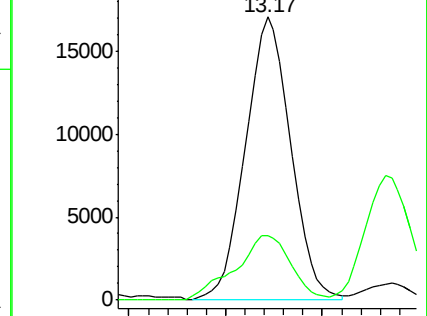
105 100

134 28.0 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.891 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053615.D

Acq: 5 Feb 2019 13:09

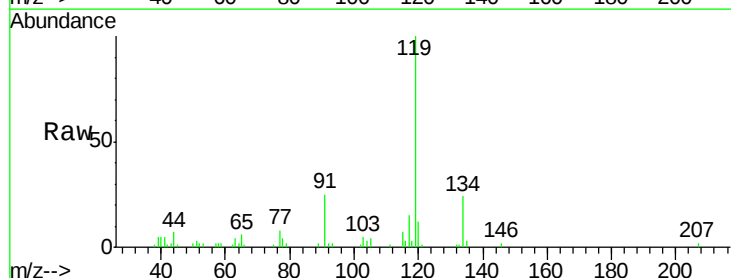
Tgt Ion:119 Resp: 29130

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

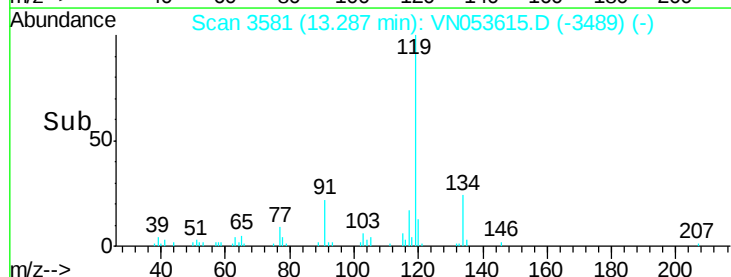
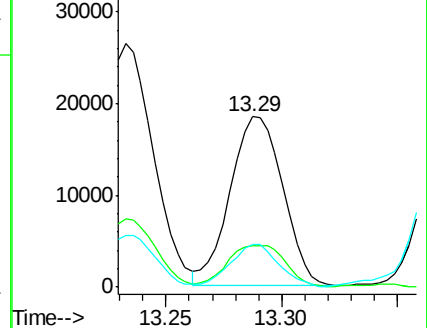
91 23.4 11.0 33.0

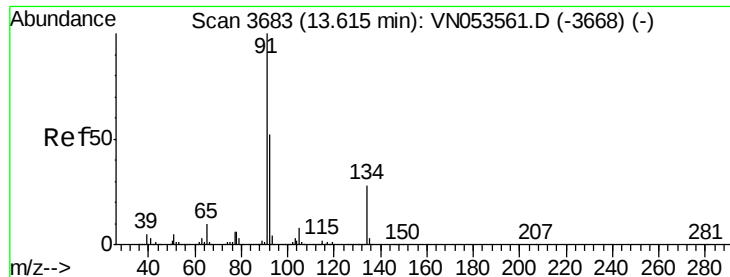


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

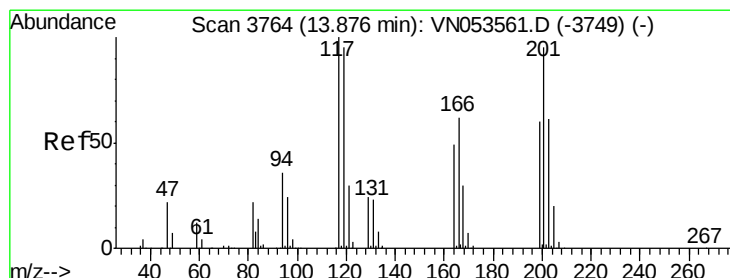
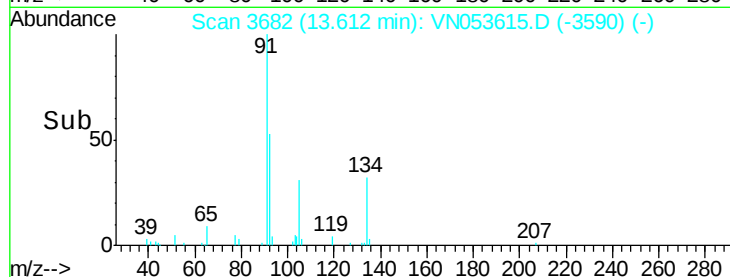
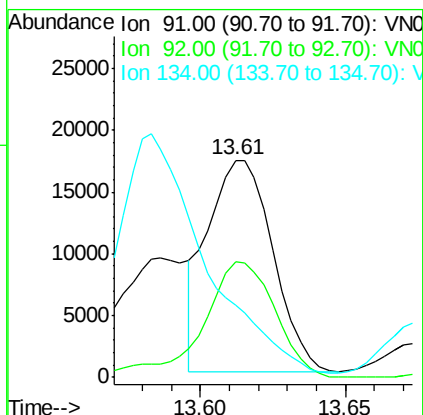
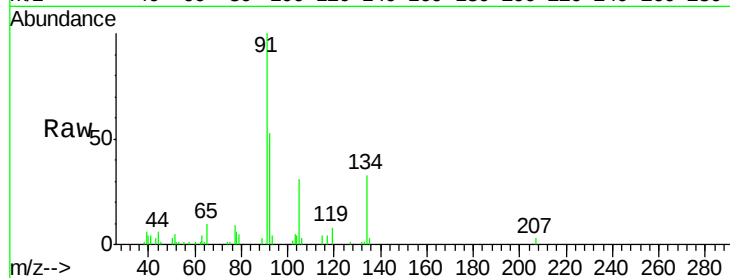




#89
n-Butylbenzene
Concen: 0.944 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

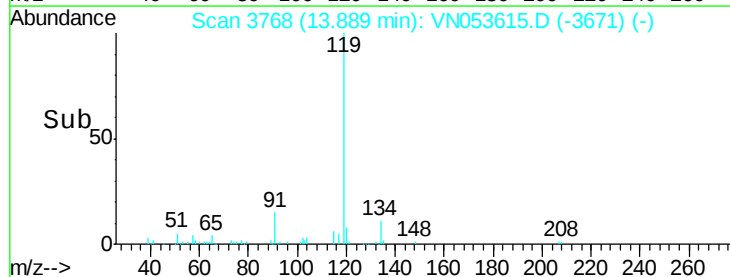
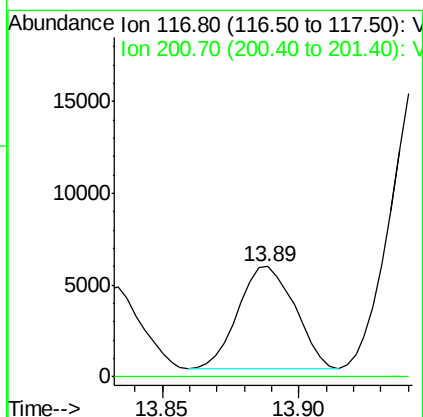
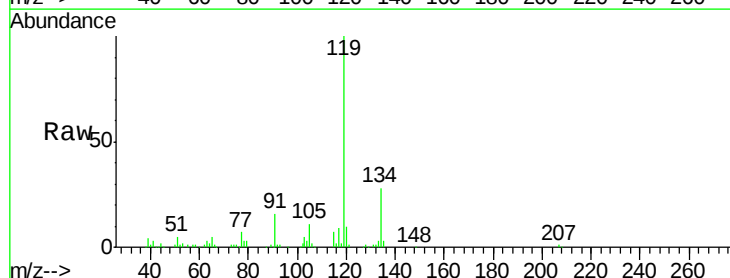
Instrument :
MSVOA_N
ClientSampled :
CL-02-020419-C

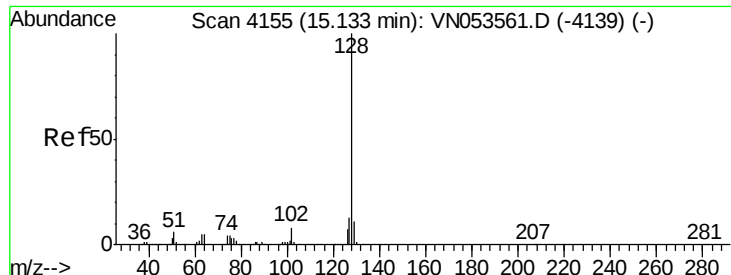
Tot Ion: 91 Resp: 26698
Ion Ratio Lower Upper
91 100
92 60.6 26.3 78.8
134 0.0 13.5 40.5#



#90
Hexachloroethane
Concen: 1.488 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

Tgt Ion: 117 Resp: 8022
Ion Ratio Lower Upper
117 100
201 0.0 46.8 140.4#

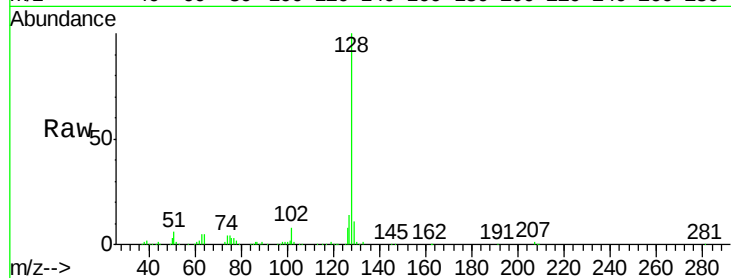




#95
Naphthalene
Concen: 13.867 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053615.D
Acq: 5 Feb 2019 13:09

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.6	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

