

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051094.D
 Acq On : 10 Sep 2018 22:43
 Operator : MD\SY
 Sample : J4821-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

Quant Time: Sep 11 04:35:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	994562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	392183	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	379423	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	1407054	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	385930	41.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.28%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2575	Below Cal		90
5) Bromomethane	2.57	94	3403	Below Cal	#	72
10) Methyl Iodide	3.96	142	1799	5.86	ug/l #	64
11) Tert butyl alcohol	4.79	59	137	0.25	ug/l #	73
13) Acrolein	3.61	56	197	24.54	ug/l #	33
15) Acrylonitrile	5.00	53	761	0.31	ug/l #	49
16) Acetone	3.83	43	23765	7.49	ug/l	100
17) Carbon Disulfide	4.06	76	7163	0.46	ug/l #	95
18) Methyl Acetate	4.34	43	7982	1.36	ug/l #	82
20) Methylene Chloride	4.55	84	95528	11.84	ug/l	98
25) 2-Butanone	6.86	43	4104	1.43	ug/l	100
29) Tetrahydrofuran	7.22	42	1404	0.78	ug/l #	58
30) Chloroform	7.37	83	18525	1.39	ug/l	100
31) Cyclohexane	7.67	56	10475	0.65	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42270	3.87	ug/l #	48
37) Ethyl Acetate	6.86	43	4104	0.65	ug/l #	66
38) Carbon Tetrachloride	7.67	117	56359	5.24	ug/l #	16
43) Isopropyl Acetate	8.17	43	243641	21.83	ug/l #	88
47) Bromodichloromethane	9.41	83	4619	0.44	ug/l	98
48) Methyl methacrylate	9.18	41	8156	1.50	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4345	0.70	ug/l #	85
52) Toluene	10.16	92	5810	0.29	ug/l	93
56) Ethyl methacrylate	10.43	69	467	2.50	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.69	63	142	15.26	ug/l #	47
59) 2-Hexanone	10.77	43	15598	3.73	ug/l #	60
64) Tetrachloroethene	10.63	164	1937	0.24	ug/l	95
67) Ethyl Benzene	11.51	91	21040	0.58	ug/l	99
68) m/p-Xylenes	11.62	106	20885	1.51	ug/l	96
69) o-Xylene	11.95	106	6480	0.48	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	274	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	179545	39.29	ug/l #	100
78) n-propylbenzene	12.59	91	6385	0.24	ug/l	99
79) 2-Chlorotoluene	12.77	91	3373	0.20	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	7957	0.40	ug/l	100

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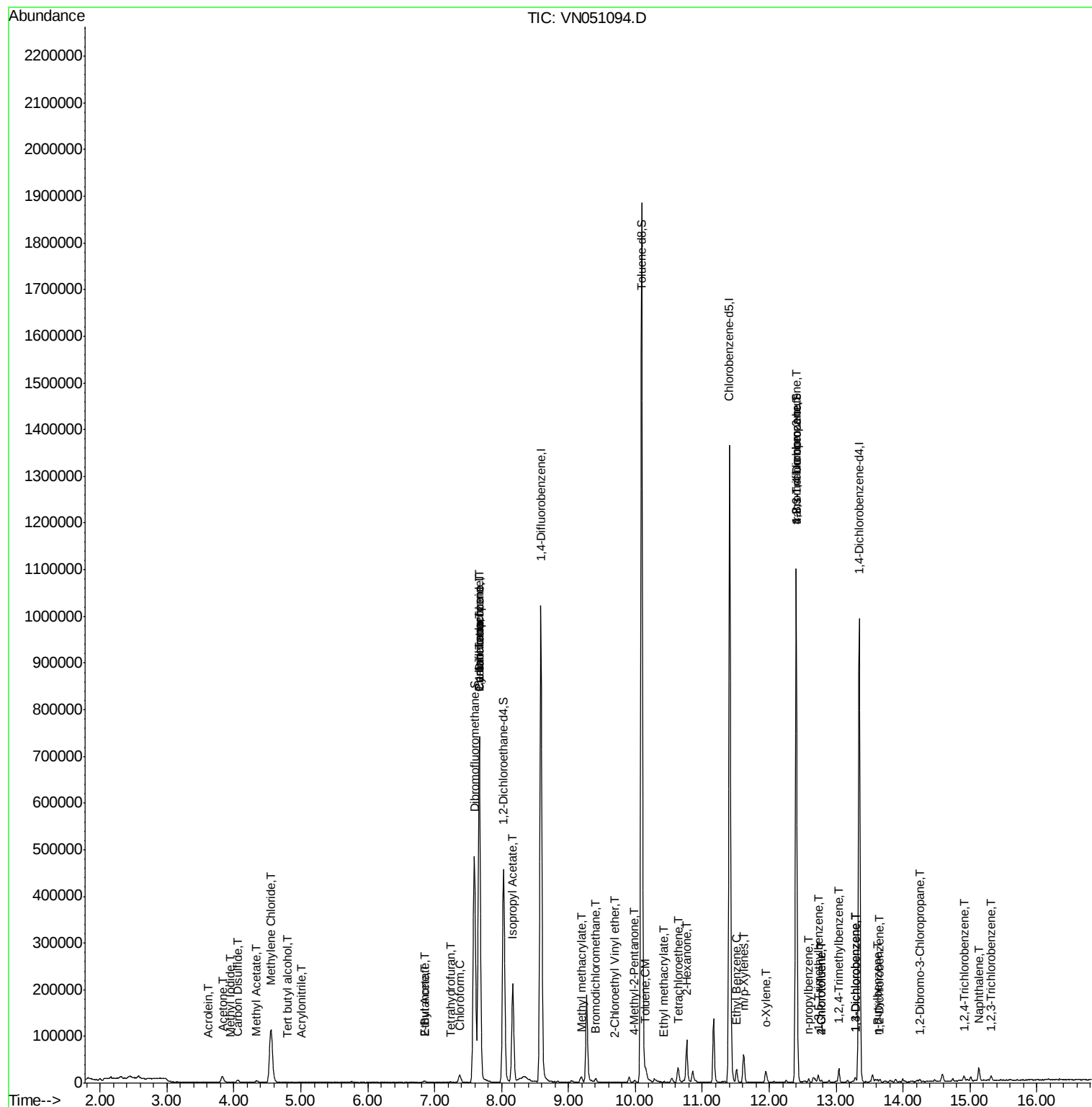
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	179545	116.62	ug/l #	15
82) 4-Chlorotoluene	12.77	91	3373	0.20	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	17222	0.88	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	2972	0.27	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	2972	0.30	ug/l	95
89) n-Butylbenzene	13.62	91	4192	0.28	ug/l	85
90) Hexachloroethane	13.89	117	874	Below	Cal #	20
91) 1,2-Dichlorobenzene	13.66	146	3113	0.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	253	0.95	ug/l #	46
93) 1,2,4-Trichlorobenzene	14.91	180	3889	4.66	ug/l	95
94) Hexachlorobutadiene	15.01	225	1845	Below	Cal	91
95) Naphthalene	15.13	128	24430	7.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	4384	3.77	ug/l	97

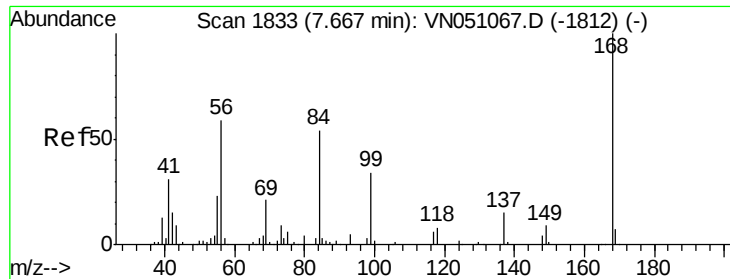
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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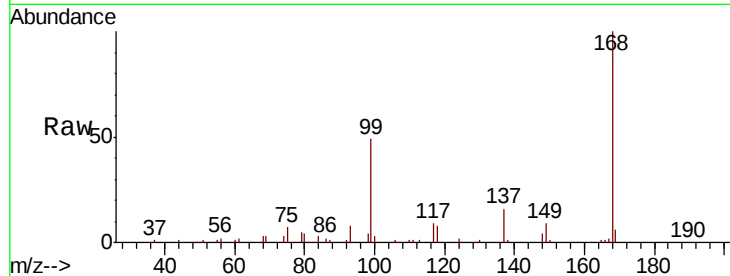


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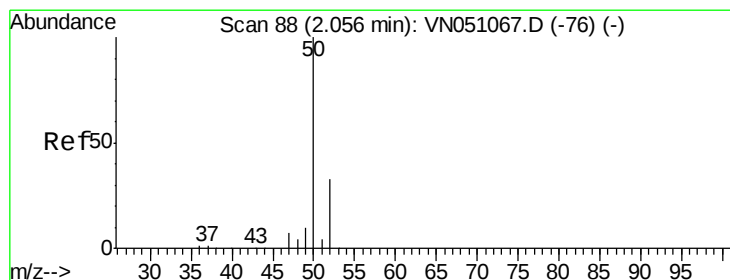
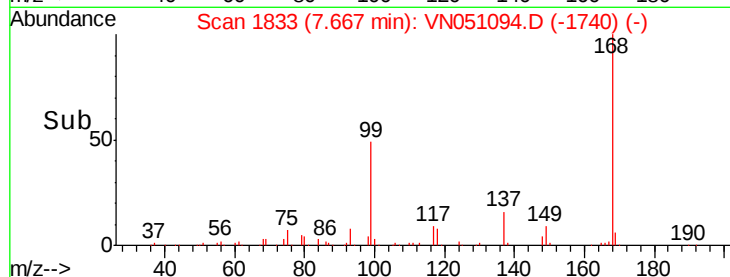
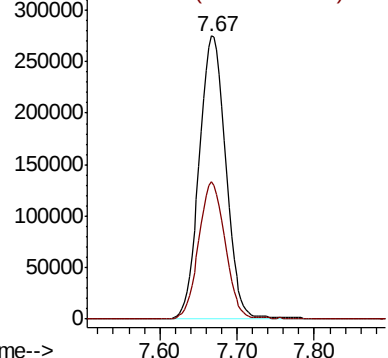
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Instrument :
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 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion:168 Resp: 656425
 Ion Ratio Lower Upper
 168 100
 99 48.7 38.3 57.5



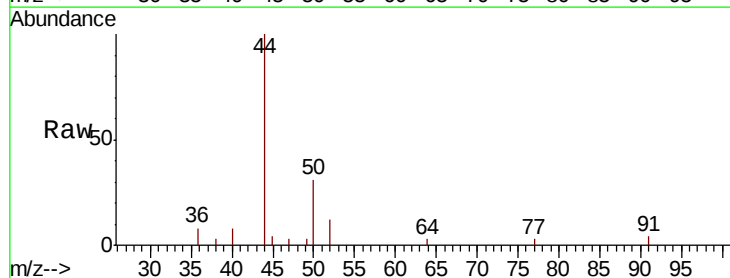
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



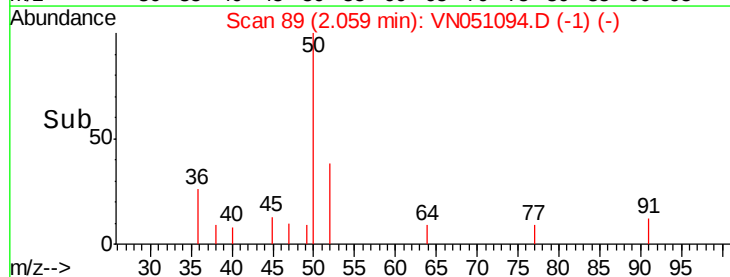
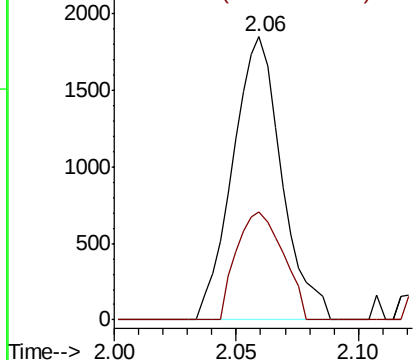
#3

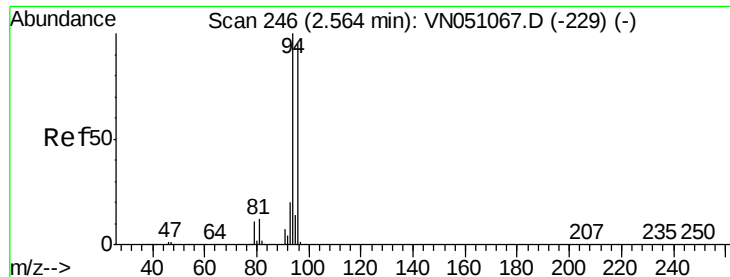
Chloromethane
 Concen: Below Cal
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion: 50 Resp: 2575
 Ion Ratio Lower Upper
 50 100
 52 38.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO
 Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

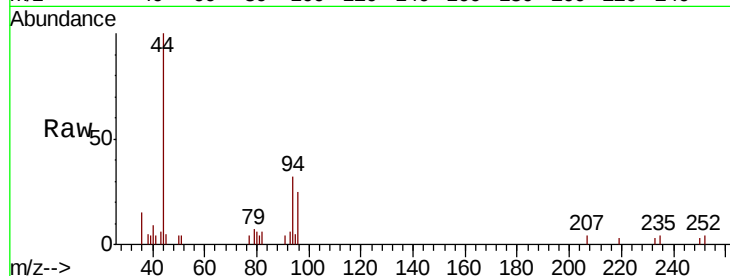
ENY-WC-S-01-0-62

Tot Ion: 94 Resp: 3403

Ion Ratio Lower Upper

94 100

96 67.9 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2.57

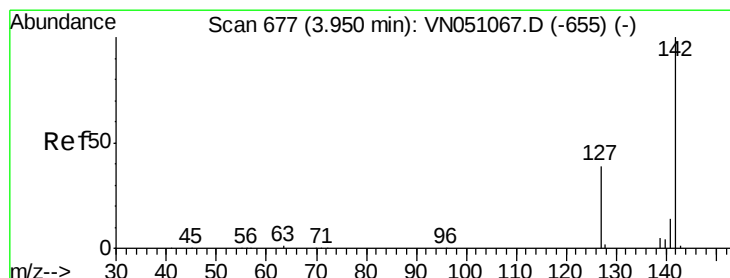
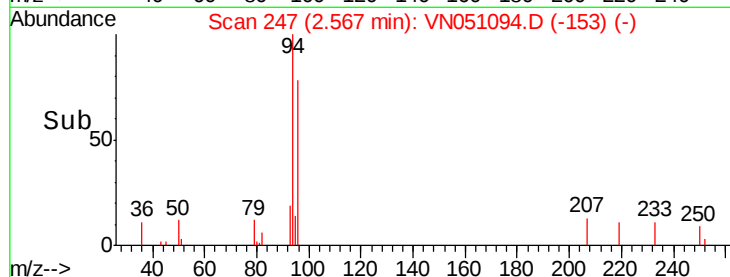
1500

1000

500

0

Time--> 2.50 2.55 2.60



#10

Methyl Iodide

Concen: 5.86 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

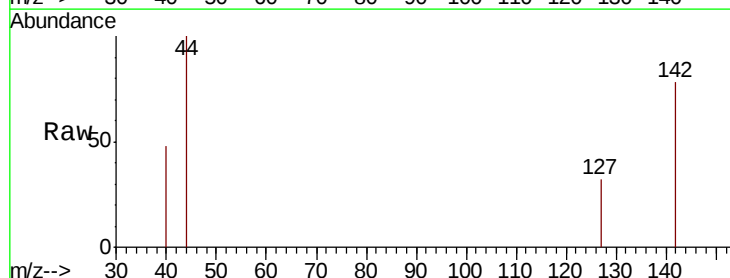
Tgt Ion: 142 Resp: 1799

Ion Ratio Lower Upper

142 100

127 16.4 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051067.D (-655) (-)

Ion 126.80 (126.50 to 127.50): VN051067.D (-655) (-)

Ion 140.80 (140.50 to 141.50): VN051067.D (-655) (-)

3.96

800

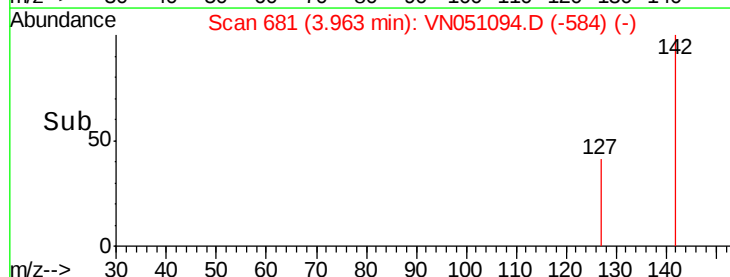
600

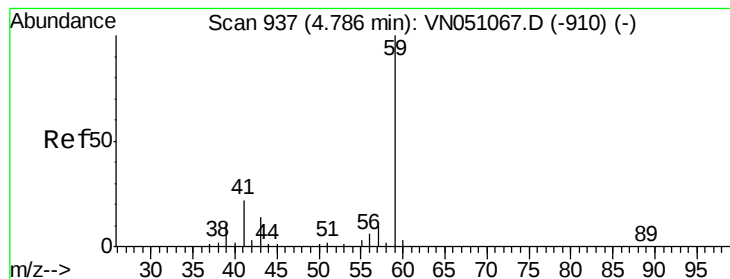
400

200

0

Time--> 3.90 3.95 4.00



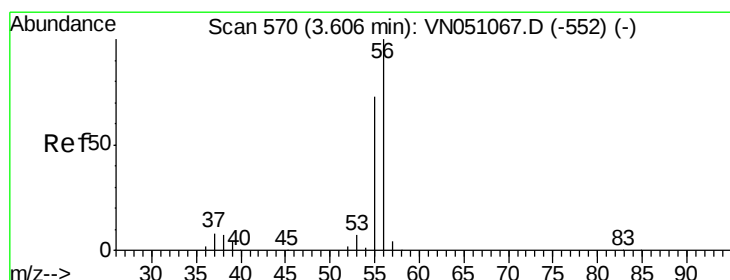
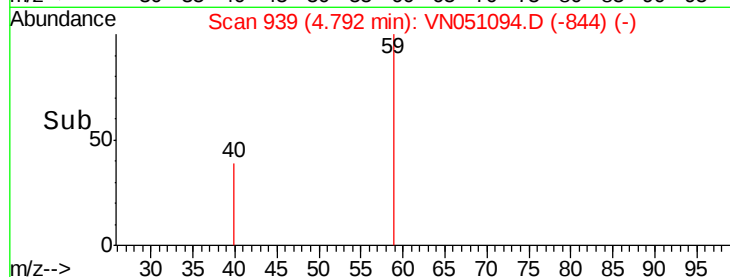
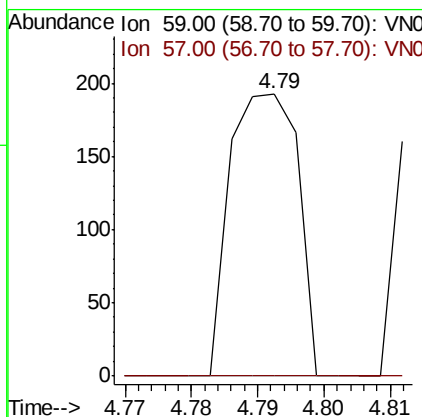
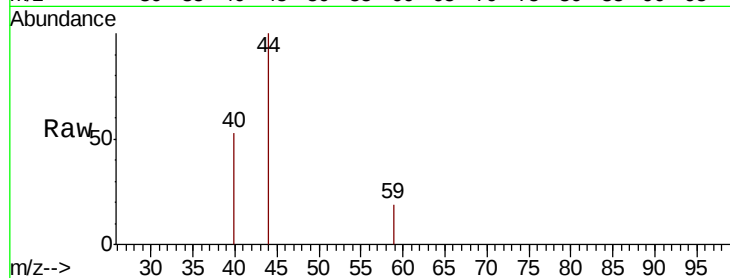


#11

Tert butyl alcohol
 Concen: 0.25 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

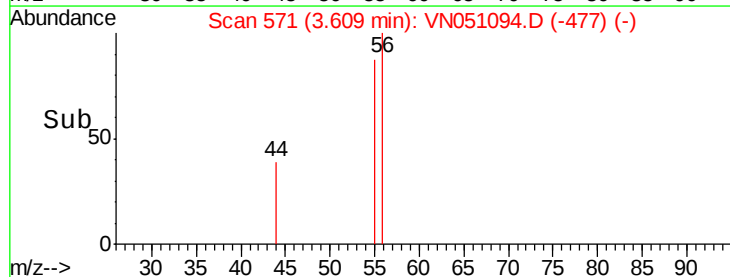
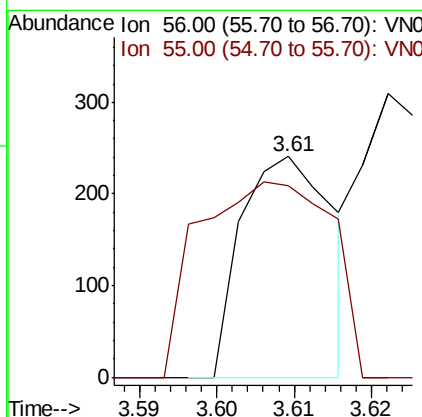
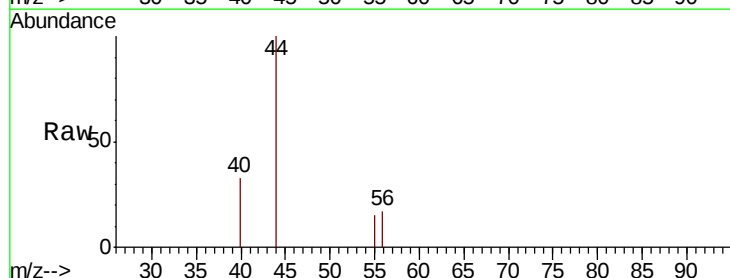
Tot Ion: 59 Resp: 137
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

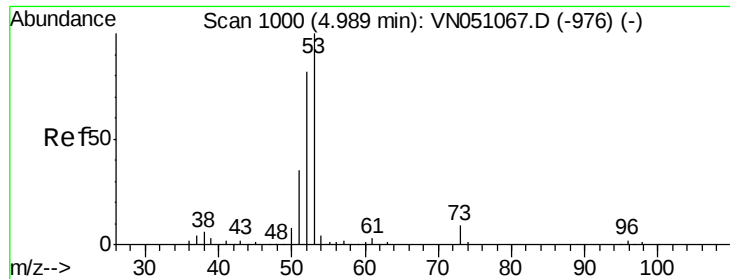


#13

Acrolein
 Concen: 24.54 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion: 56 Resp: 197
 Ion Ratio Lower Upper
 56 100
 55 128.9 58.0 87.0#





#15

Acrylonitrile

Concen: 0.31 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.02 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

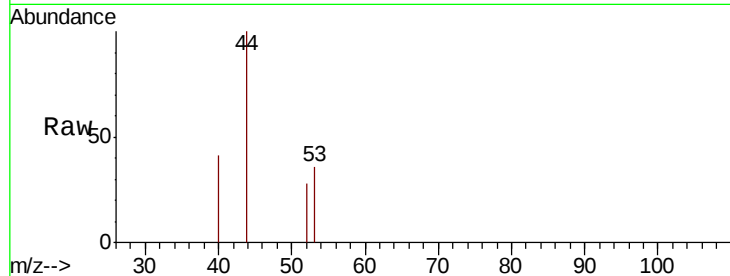
Tot Ion: 53 Resp: 761

Ion Ratio Lower Upper

53 100

52 39.4 65.3 97.9#

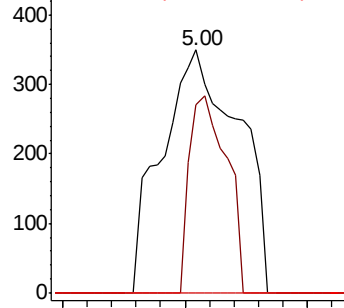
51 0.0 28.2 42.2#



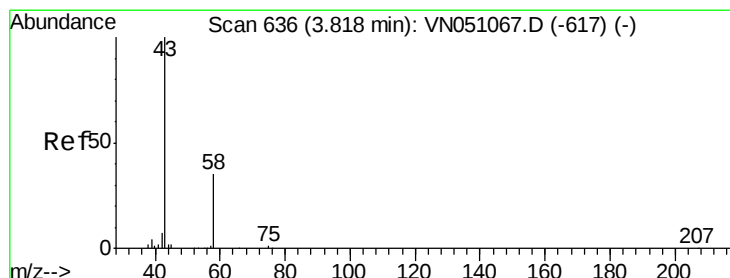
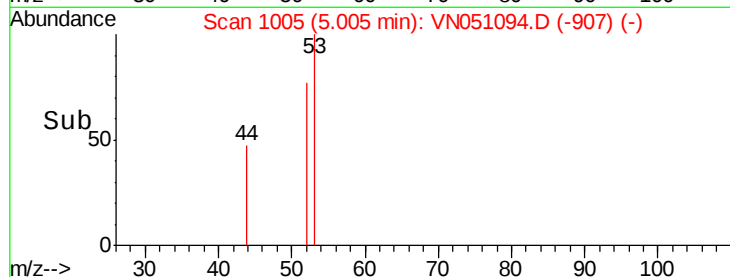
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time--> 4.95 5.00 5.05



#16

Acetone

Concen: 7.49 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051094.D

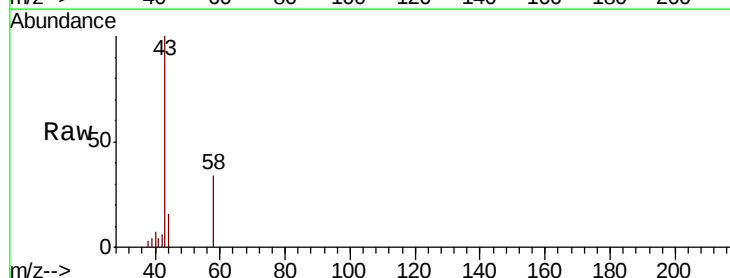
Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 23765

Ion Ratio Lower Upper

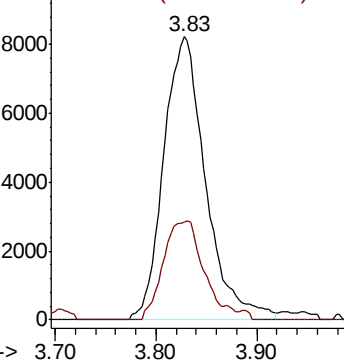
43 100

58 34.4 27.8 41.6

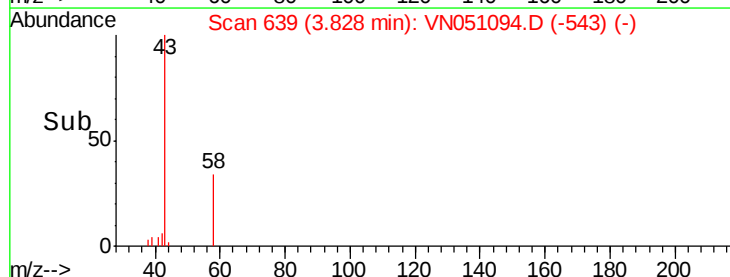


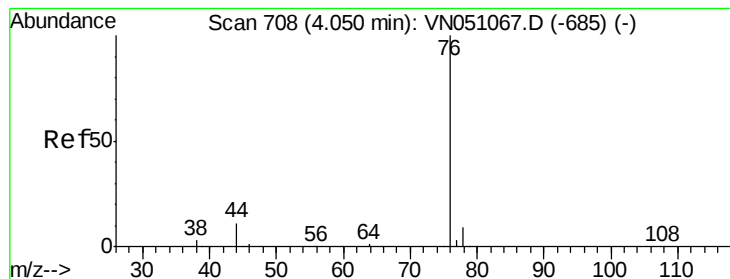
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time--> 3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 0.46 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

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ClientSampleId :

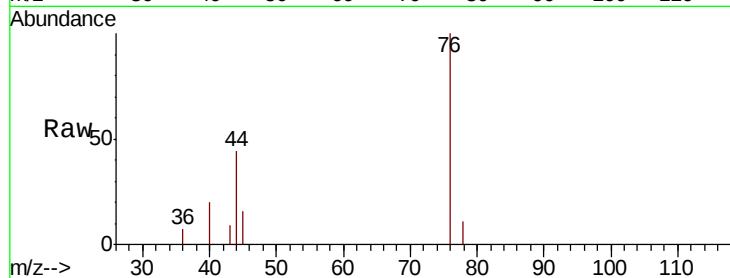
ENY-WC-S-01-0-62

Tot Ion: 76 Resp: 7163

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

4.06

3000

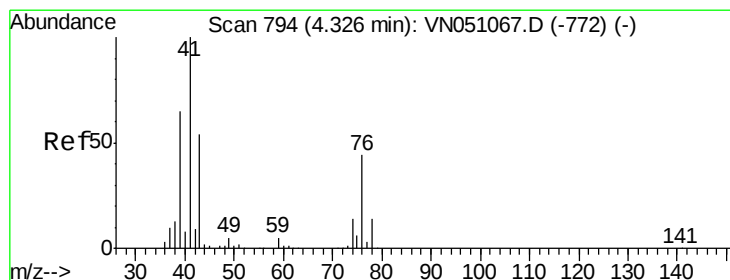
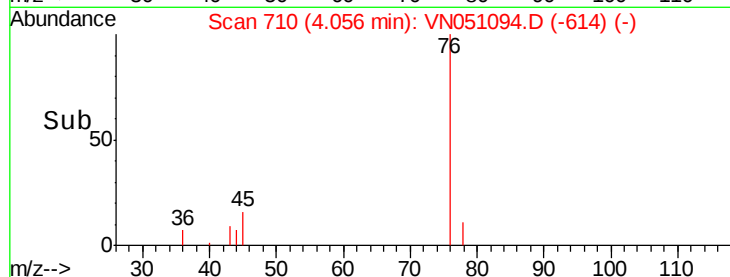
2000

1000

0

4.00 4.05 4.10

Time-->



#18

Methyl Acetate

Concen: 1.36 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051094.D

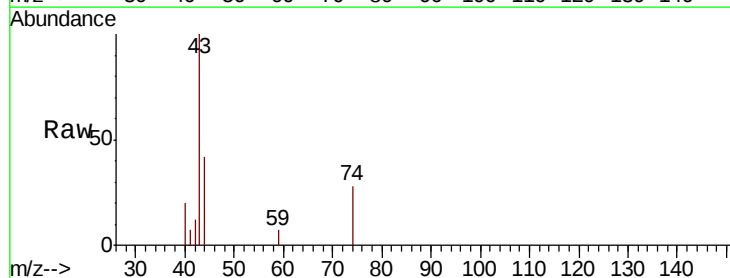
Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 7982

Ion Ratio Lower Upper

43 100

74 16.9 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051067.D (-772) (-)

4.34

2500

2000

1500

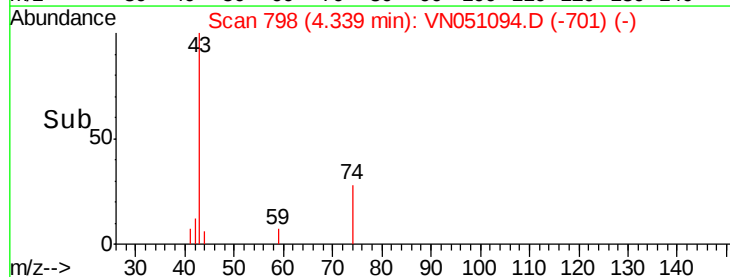
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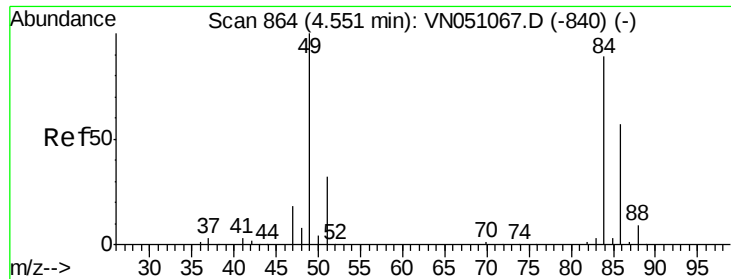
500

0

4.25 4.30 4.35 4.40 4.45

Time-->

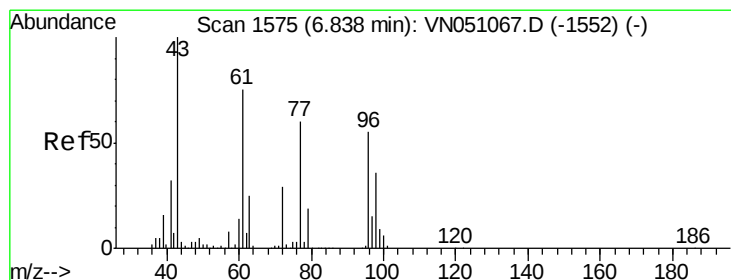
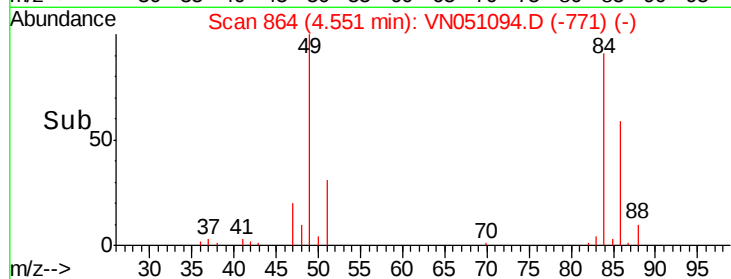
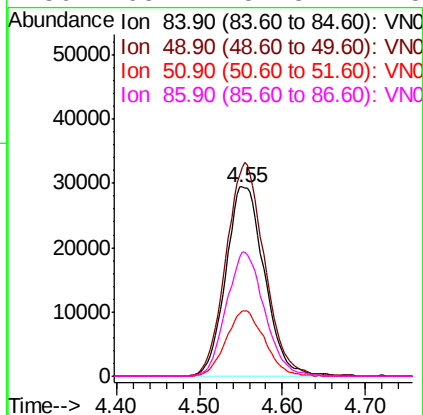
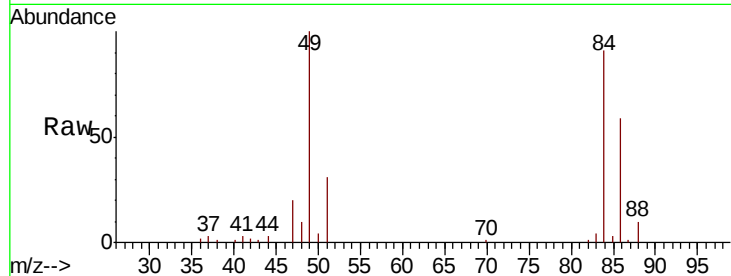




#20
Methvlene Chloride
Concen: 11.84 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051094.D
Acq: 10 Sep 2018 22:43

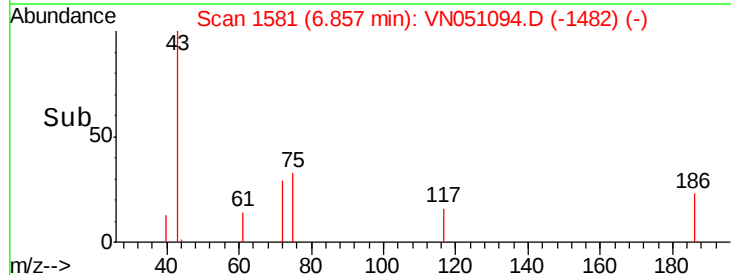
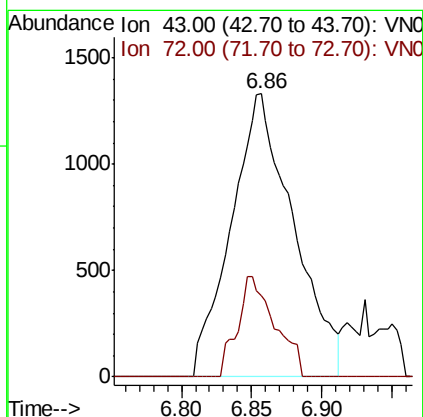
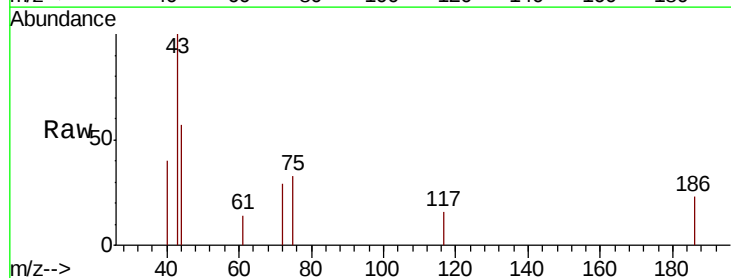
Instrument :
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ClientSampleId :
ENY-WC-S-01-0-62

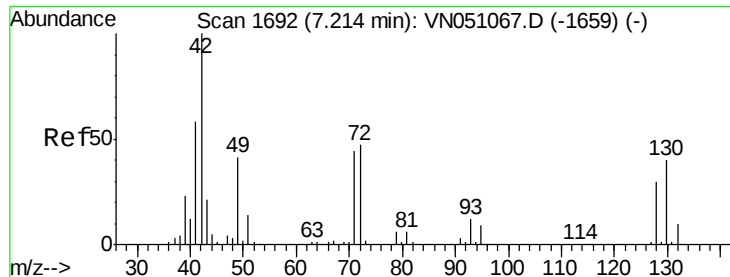
Tot Ion: 84 Resp: 95528
Ion Ratio Lower Upper
84 100
49 109.9 90.2 135.2
51 34.4 28.4 42.6
86 65.4 51.8 77.8



#25
2-Butanone
Concen: 1.43 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN051094.D
Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 4104
Ion Ratio Lower Upper
43 100
72 28.9 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.78 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

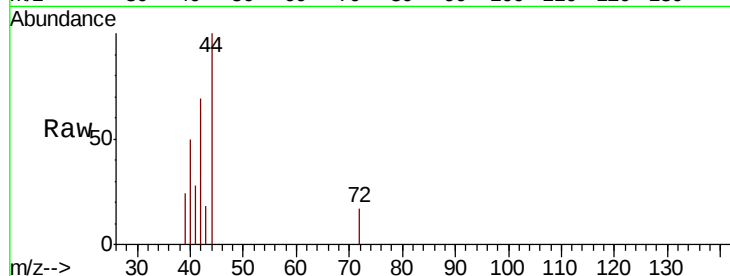
Tot Ion: 42 Resp: 1404

Ion Ratio Lower Upper

42 100

72 18.0 37.4 56.0#

71 17.3 34.7 52.1#

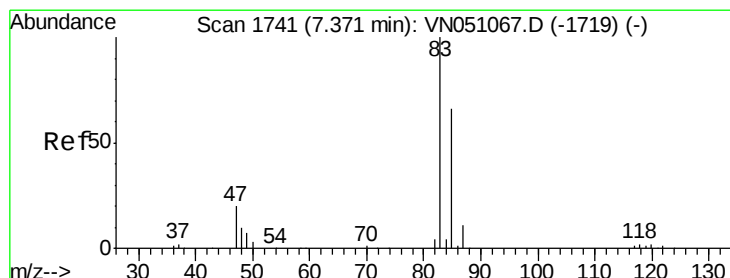
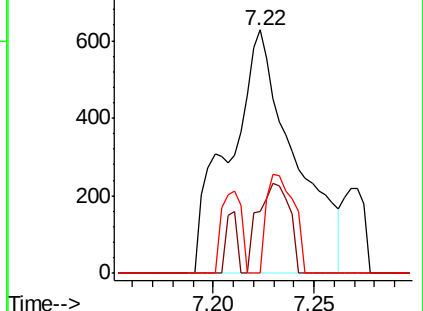
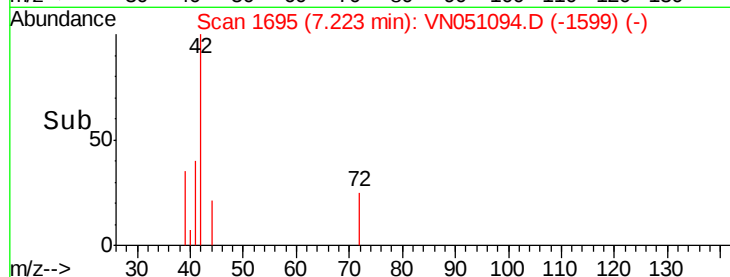


Abundance Ion 42.00 (41.70 to 42.70): VN051067.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN051067.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN051067.D (-1659) (-)

Time-->



#30

Chloroform

Concen: 1.39 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051094.D

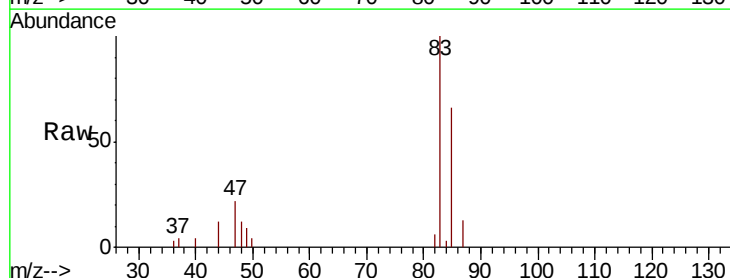
Acq: 10 Sep 2018 22:43

Tgt Ion: 83 Resp: 18525

Ion Ratio Lower Upper

83 100

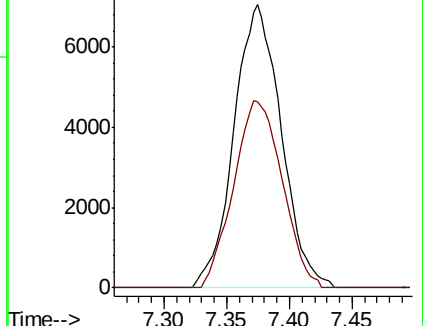
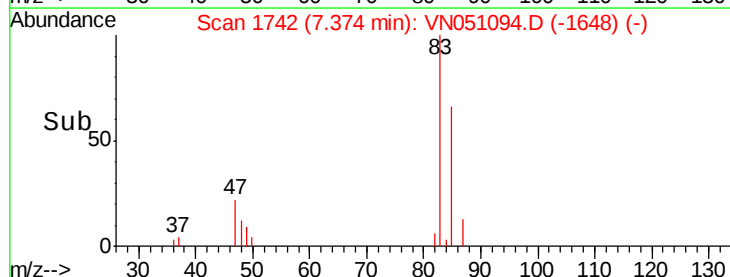
85 65.7 52.6 79.0

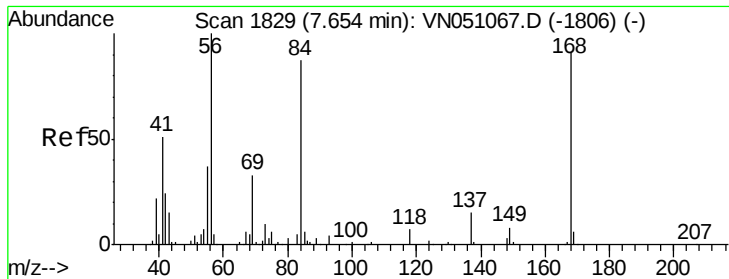


Abundance Ion 82.90 (82.60 to 83.60): VN051067.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-1719) (-)

Time-->





#31

Cyclohexane

Concen: 0.65 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

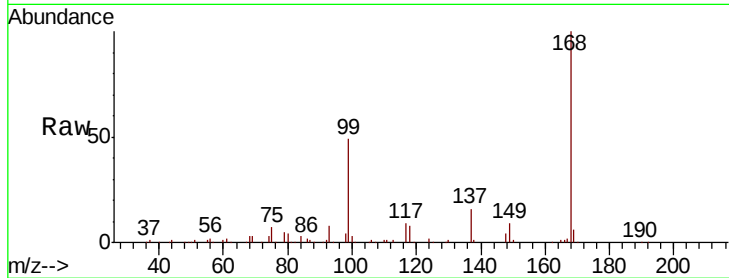
Tot Ion: 56 Resp: 10475

Ion Ratio Lower Upper

56 100

69 208.3 26.3 39.5#

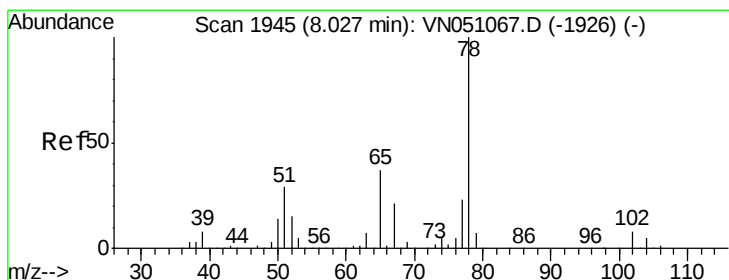
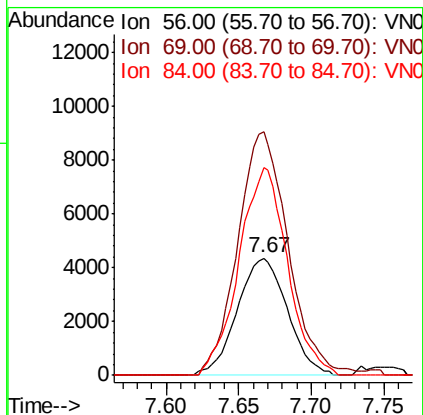
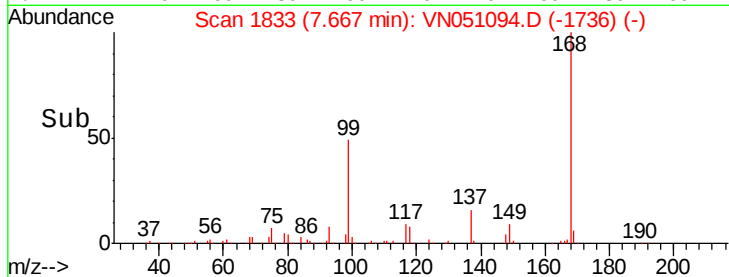
84 177.7 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.69 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051094.D

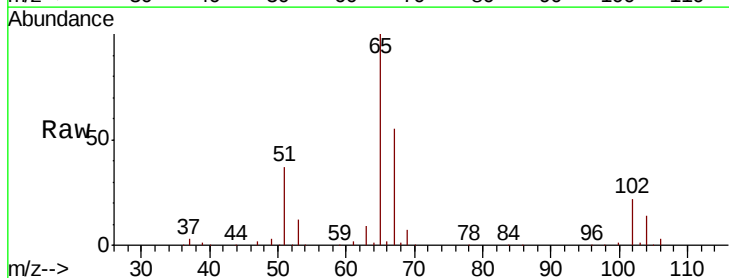
Acq: 10 Sep 2018 22:43

Tgt Ion: 65 Resp: 392183

Ion Ratio Lower Upper

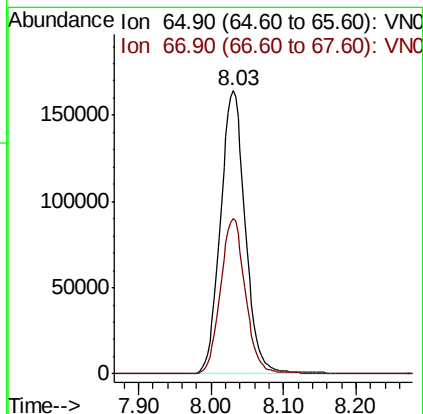
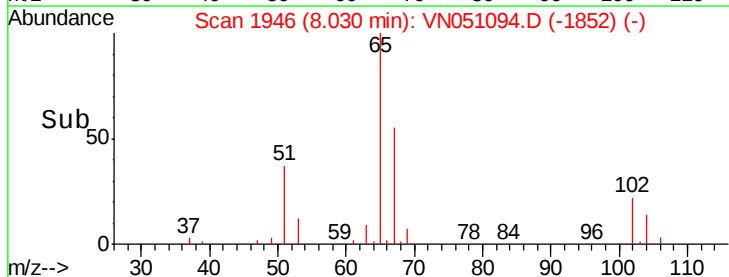
65 100

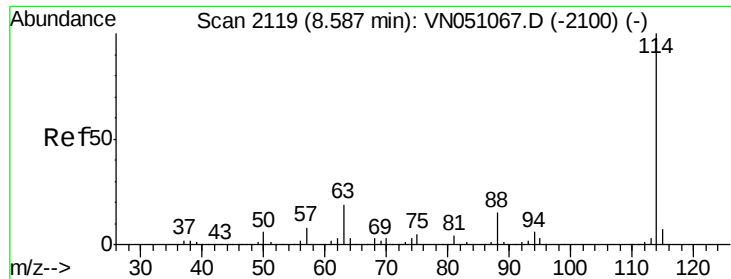
67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

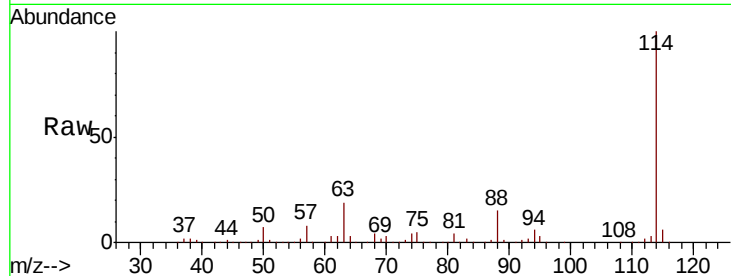




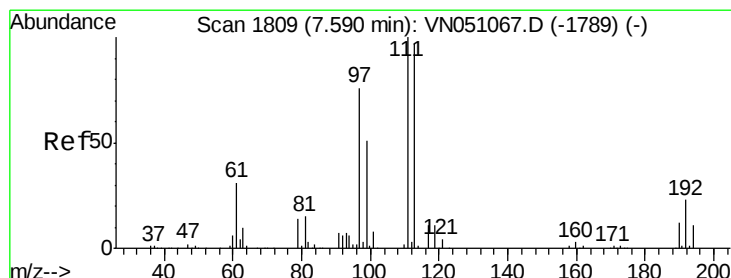
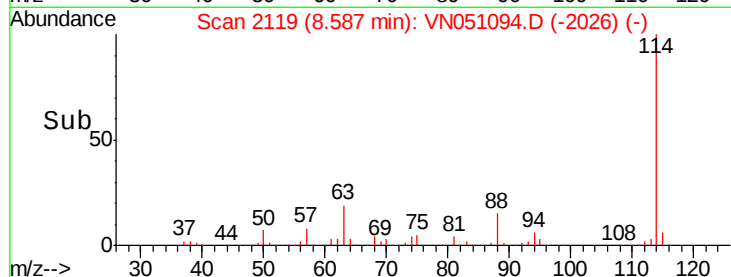
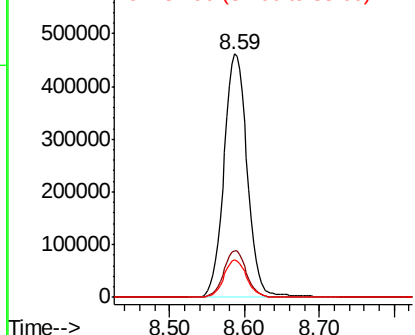
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion:114 Resp: 994562
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.3 0.0 30.8

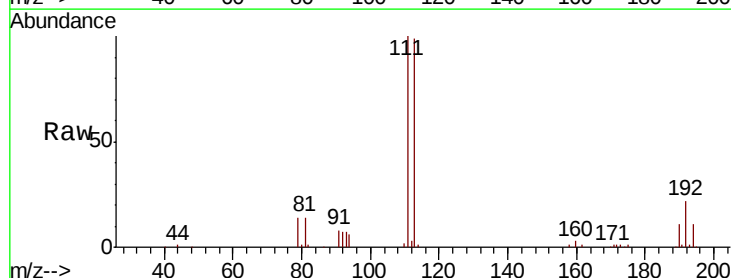


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

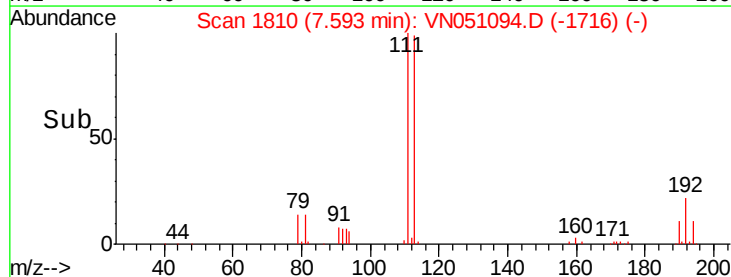
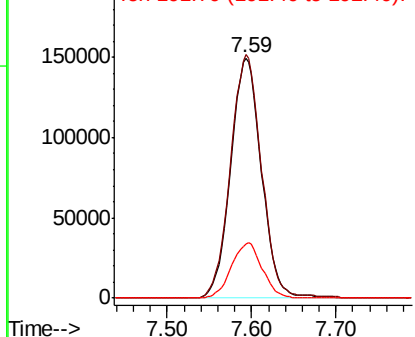


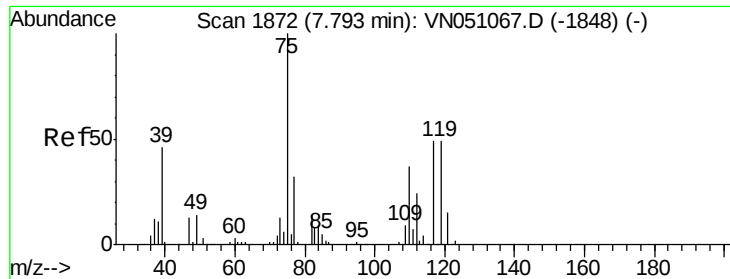
#35
 Dibromofluoromethane
 Concen: 50.77 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion:113 Resp: 379423
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.6
 192 23.1 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

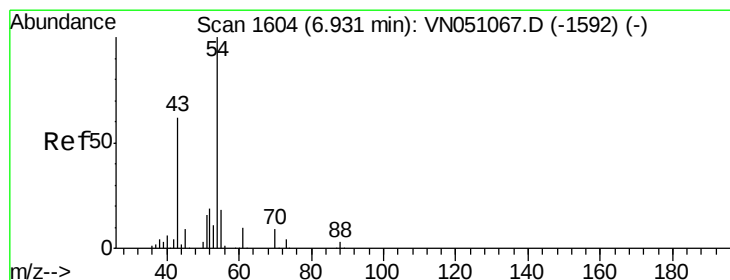
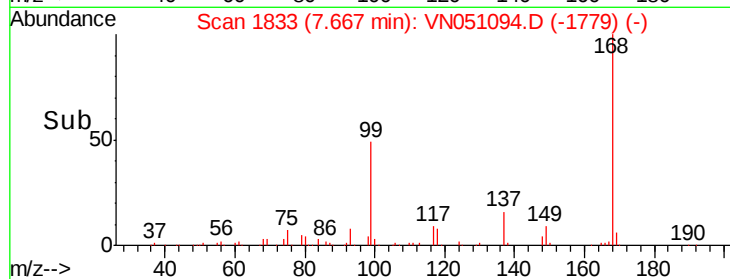
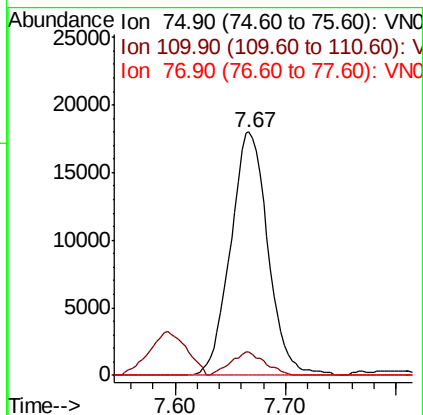
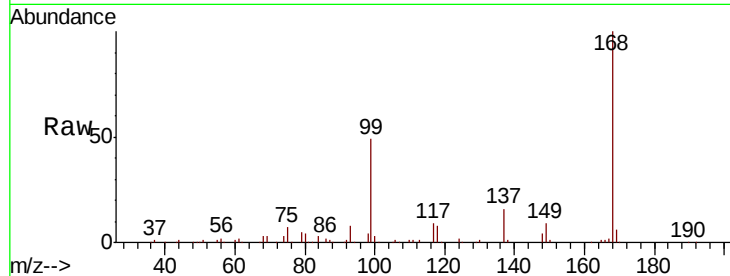




#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

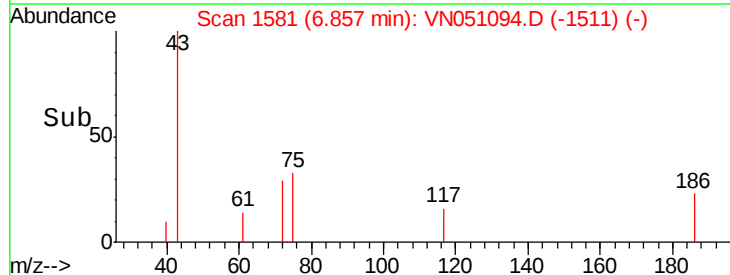
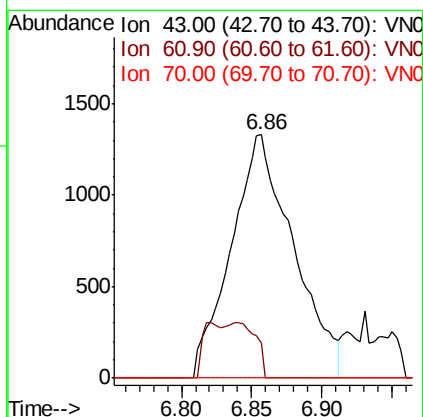
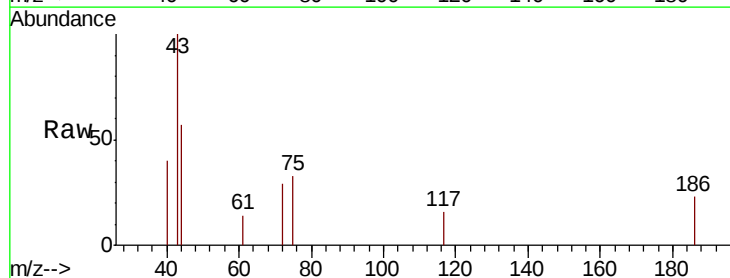
Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

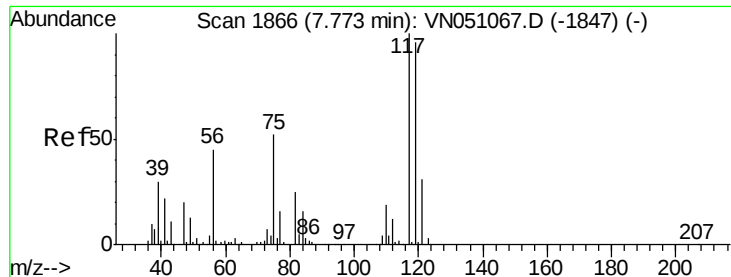
Tot Ion: 75 Resp: 42270
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 0.65 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. -0.07 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 4104
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 5.24 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

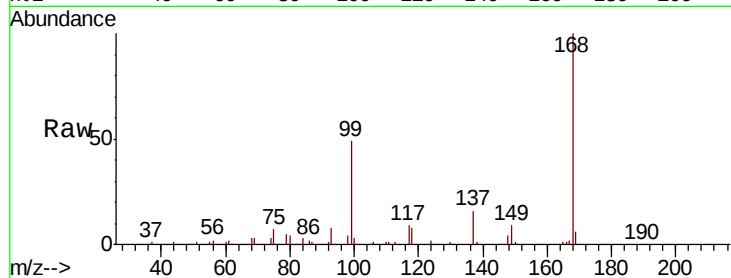
Tot Ion:117 Resp: 56359

Ion Ratio Lower Upper

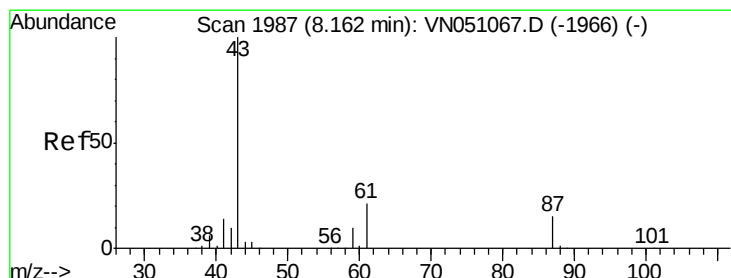
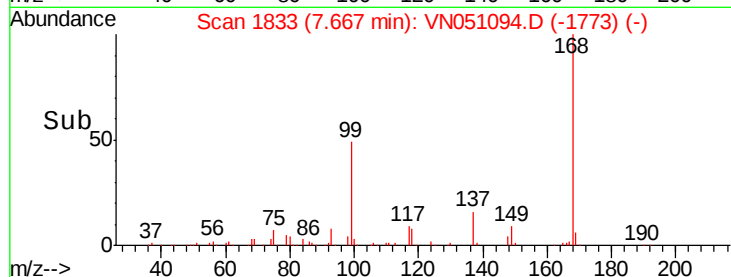
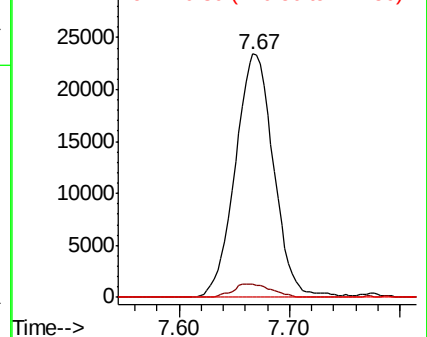
117 100

119 5.4 76.8 115.2#

121 0.0 24.6 36.8#



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: 21.83 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

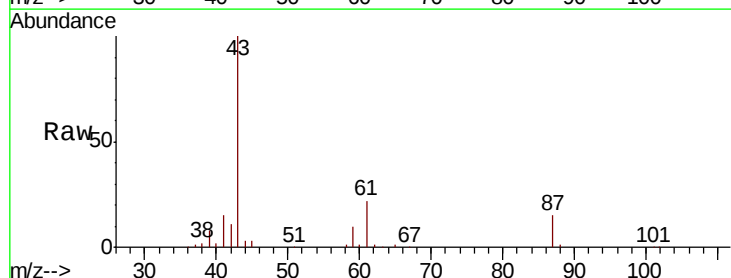
Tgt Ion: 43 Resp: 243641

Ion Ratio Lower Upper

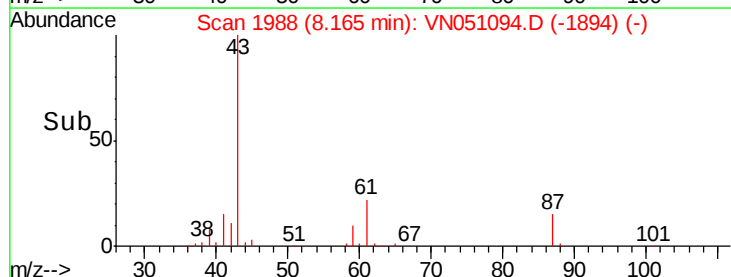
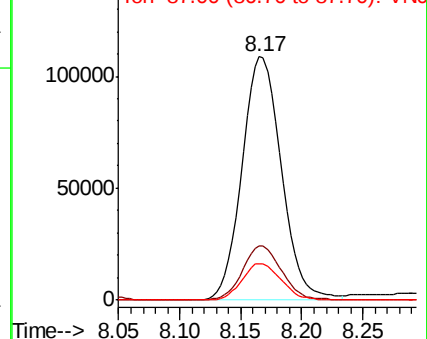
43 100

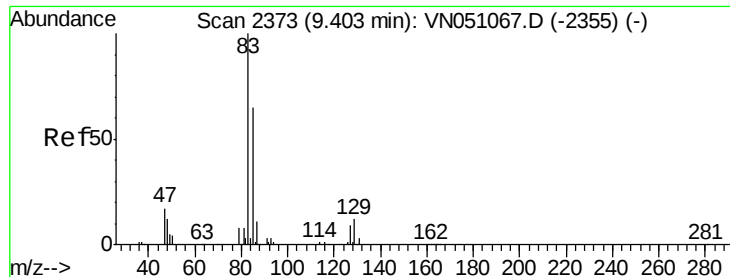
61 22.0 25.0 37.6#

87 15.0 11.8 17.8



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





#47

Bromodichloromethane

Concen: 0.44 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

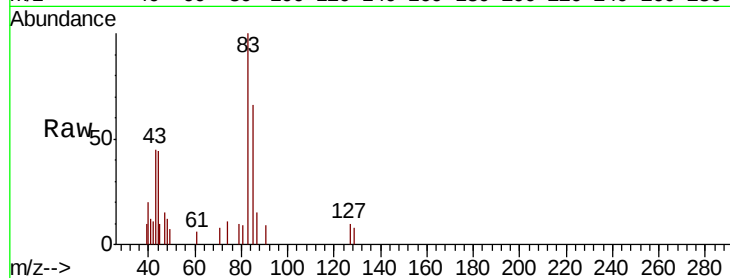
Tot Ion: 83 Resp: 4619

Ion Ratio Lower Upper

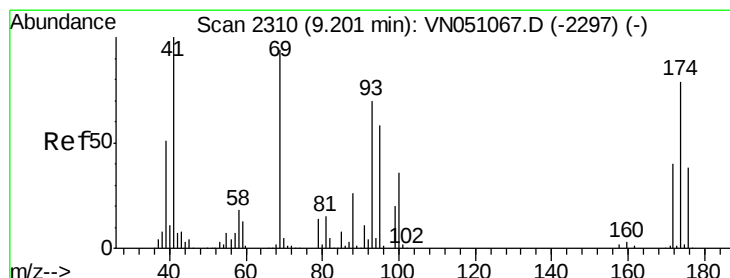
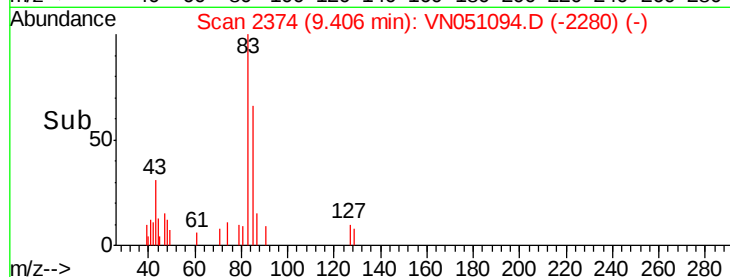
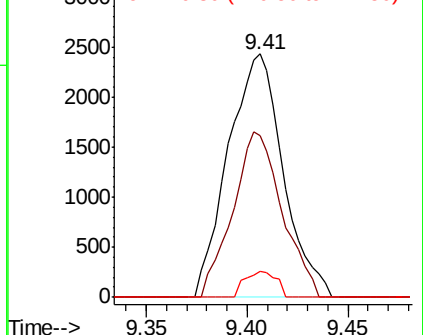
83 100

85 66.5 52.3 78.5

127 10.4 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): VNC



#48

Methyl methacrylate

Concen: 1.50 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

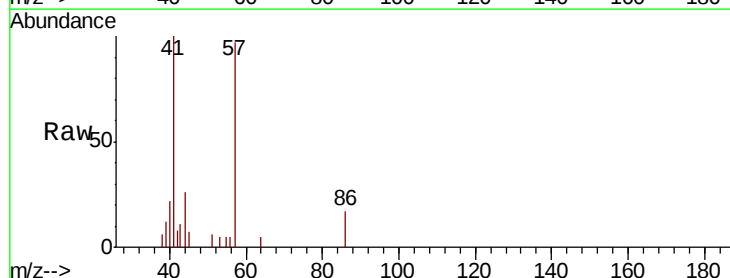
Tgt Ion: 41 Resp: 8156

Ion Ratio Lower Upper

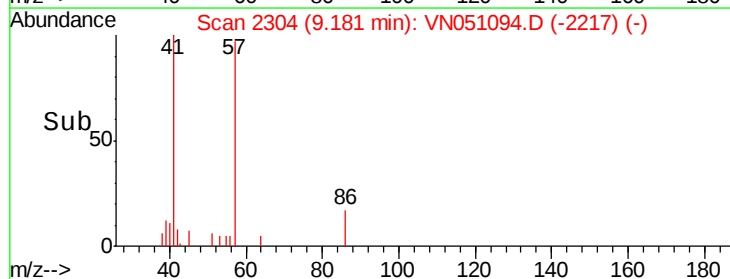
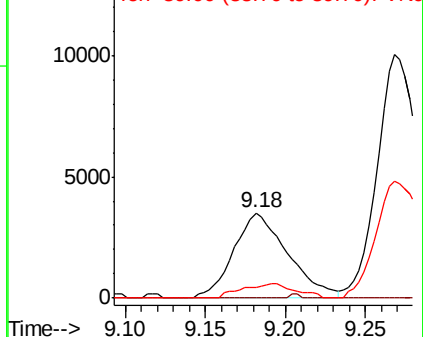
41 100

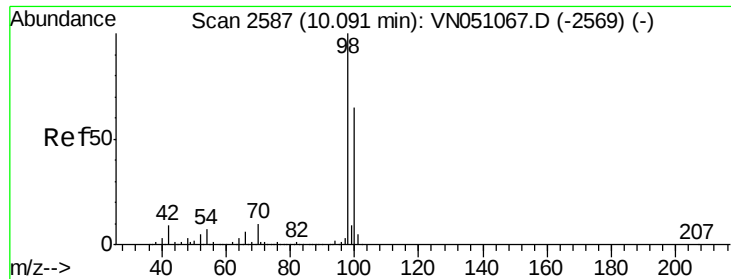
69 0.0 77.7 116.5#

39 16.5 41.6 62.4#



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





#50

Toluene-d8

Concen: 49.62 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

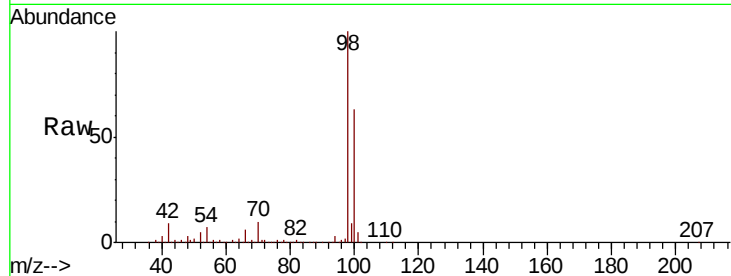
ENY-WC-S-01-0-62

Tot Ion: 98 Resp: 1407054

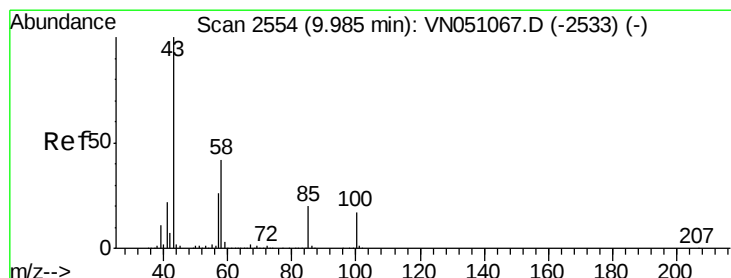
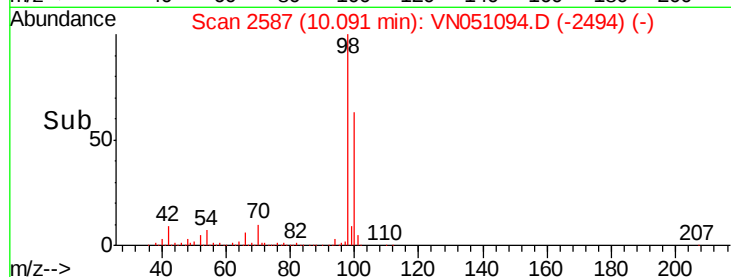
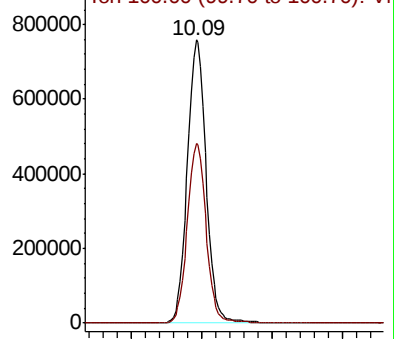
Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.70 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051094.D

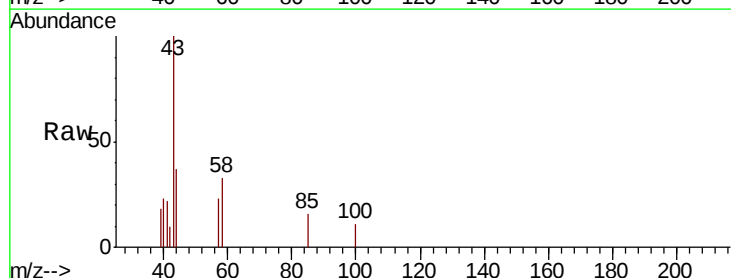
Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 4345

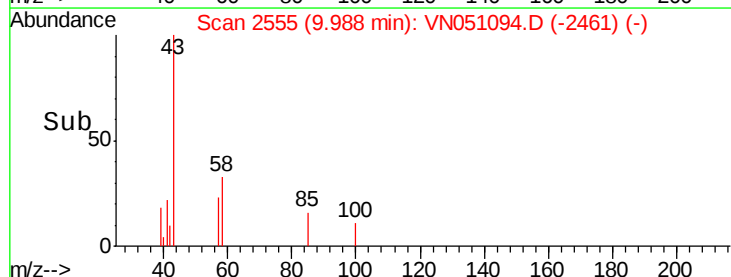
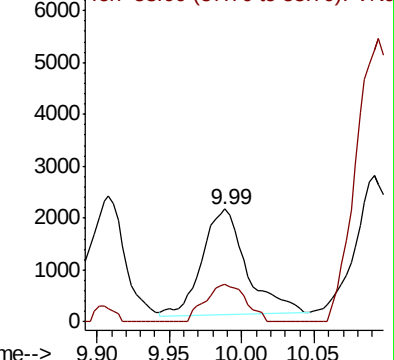
Ion Ratio Lower Upper

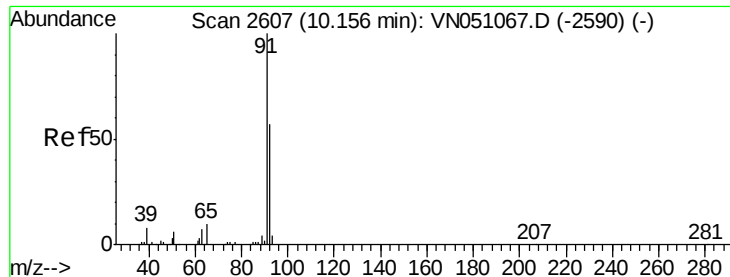
43 100

58 32.4 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)





#52

Toluene

Concen: 0.29 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

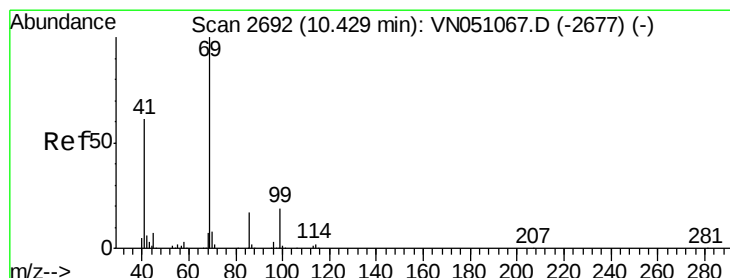
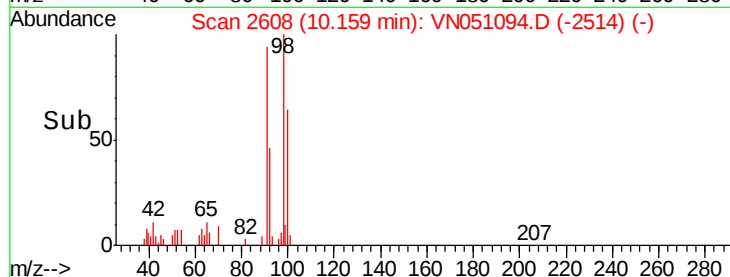
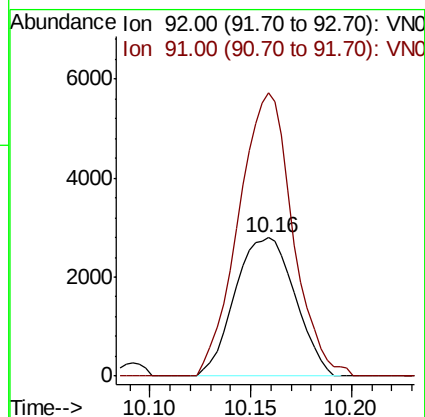
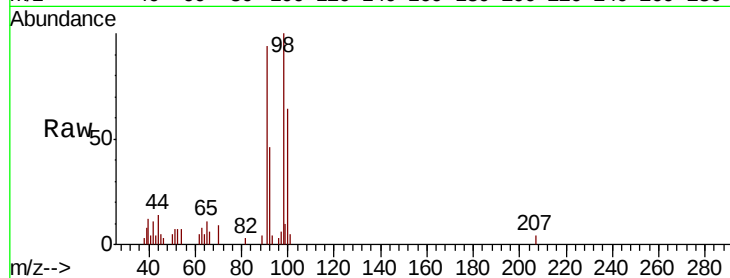
ENY-WC-S-01-0-62

Tot Ion: 92 Resp: 5810

Ion Ratio Lower Upper

92 100

91 184.8 139.5 209.3



#56

Ethyl methacrylate

Concen: 2.50 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

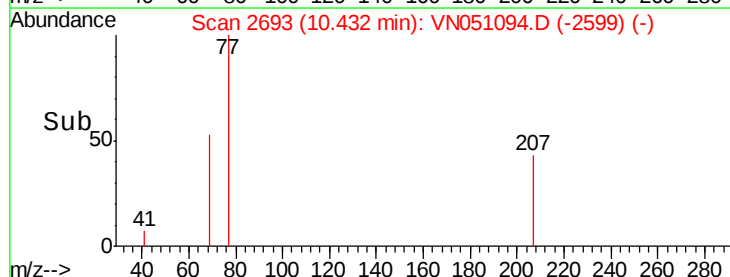
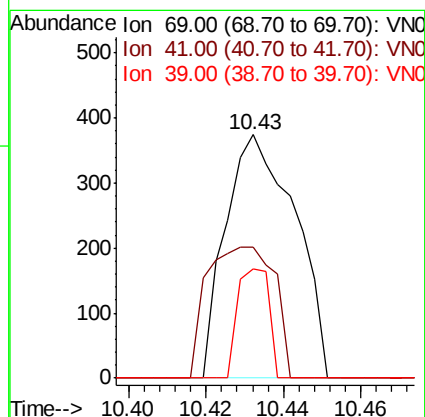
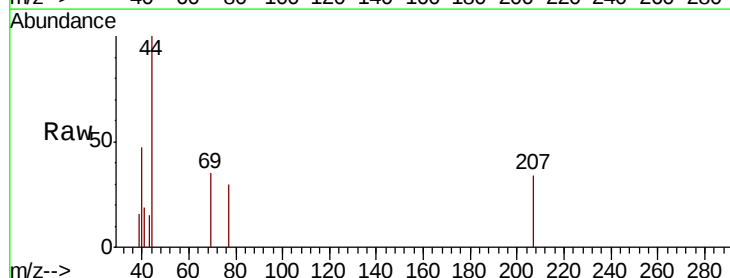
Tgt Ion: 69 Resp: 467

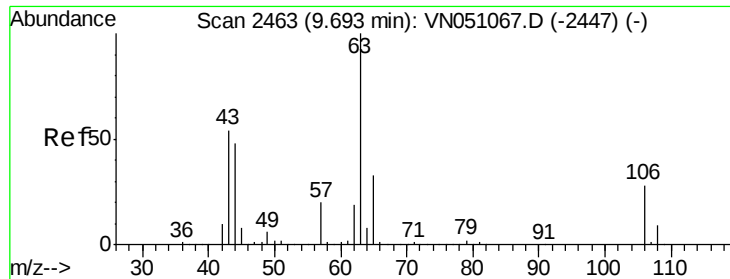
Ion Ratio Lower Upper

69 100

41 52.2 47.8 71.8

39 20.1 23.0 34.4#

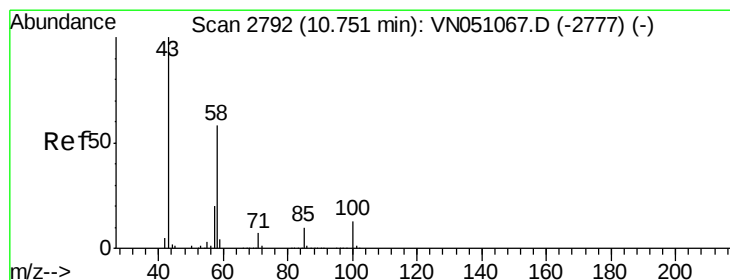
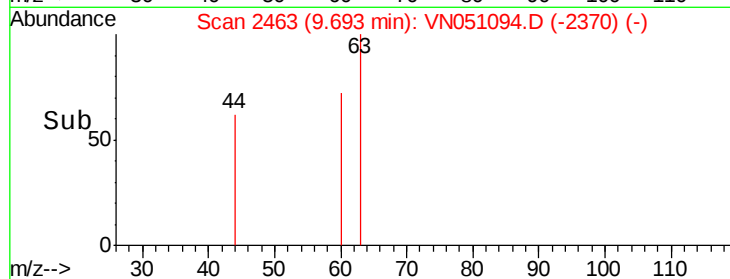
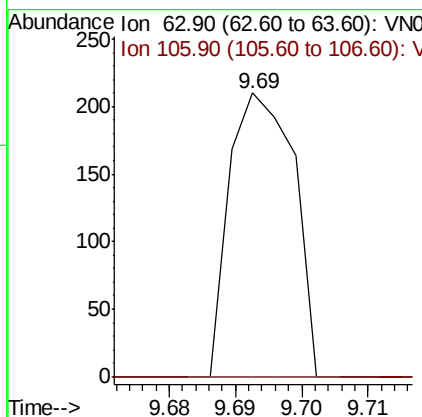
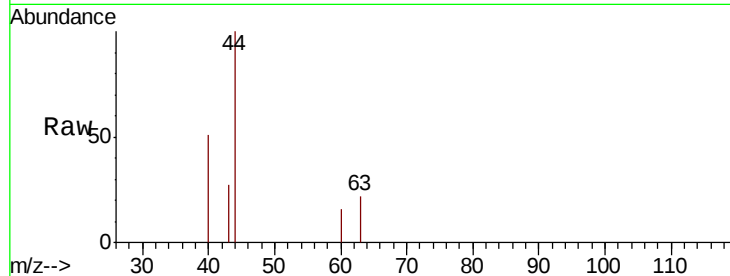




#58
 2-Chloroethyl Vinyl ether
 Concen: 15.26 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

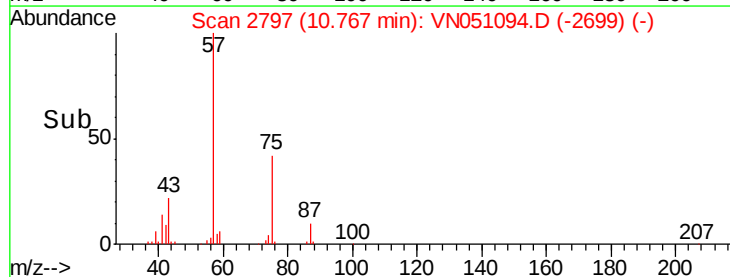
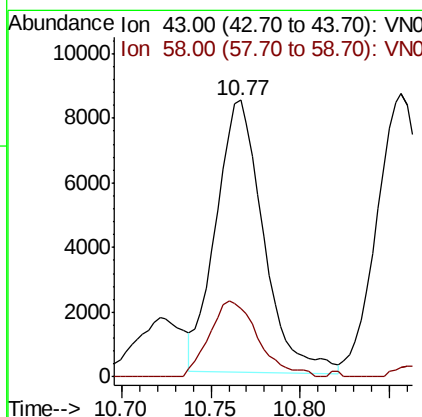
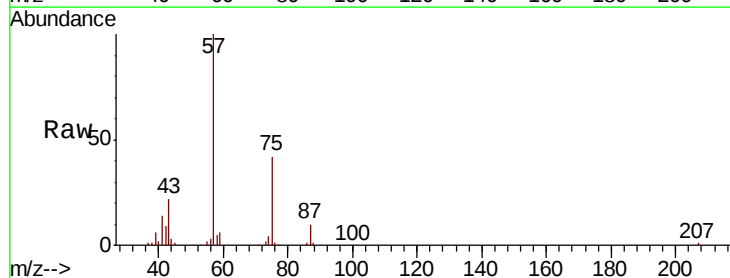
Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

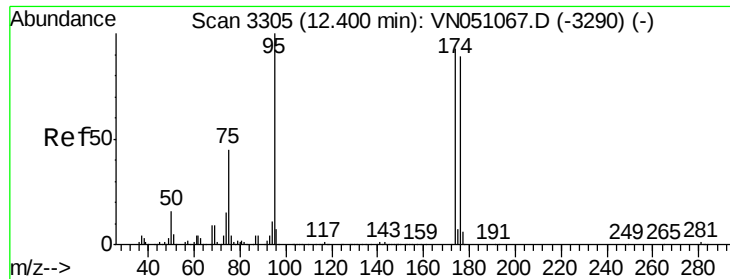
Tot Ion: 63 Resp: 142
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 3.73 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion: 43 Resp: 15598
 Ion Ratio Lower Upper
 43 100
 58 28.6 29.3 88.0#





#62

4-Bromofluorobenzene

Concen: 41.14 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

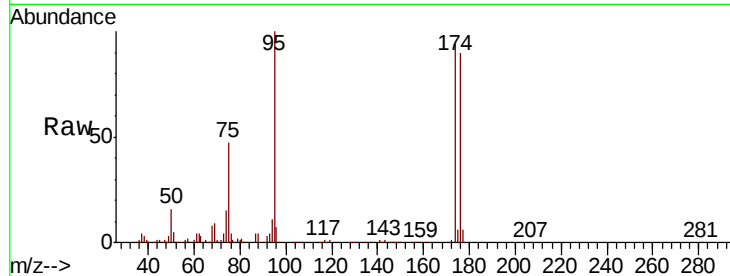
Tot Ion: 95 Resp: 385930

Ion Ratio Lower Upper

95 100

174 93.1 0.0 184.8

176 90.4 0.0 178.6

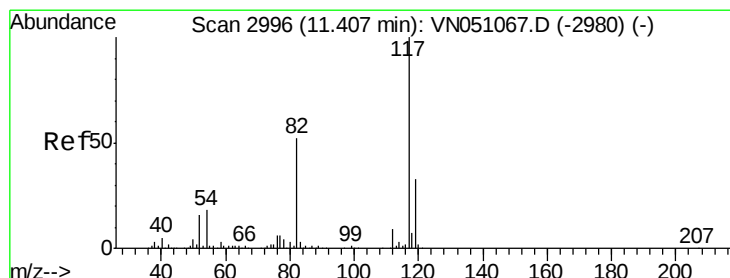
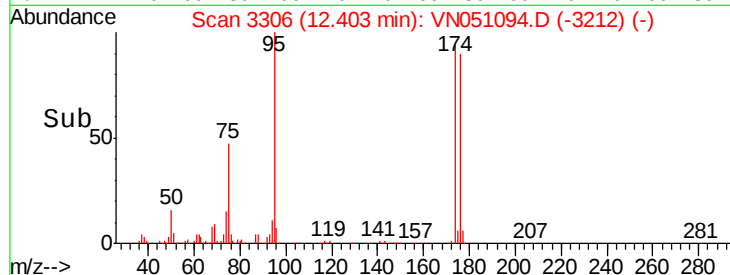


Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

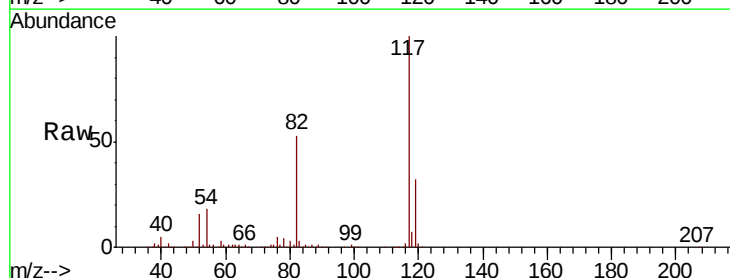
Tgt Ion: 117 Resp: 882298

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 32.2 26.2 39.2

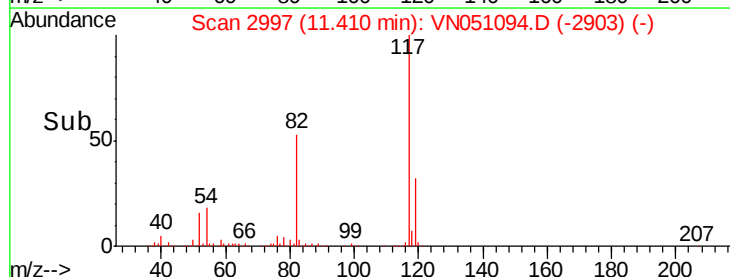


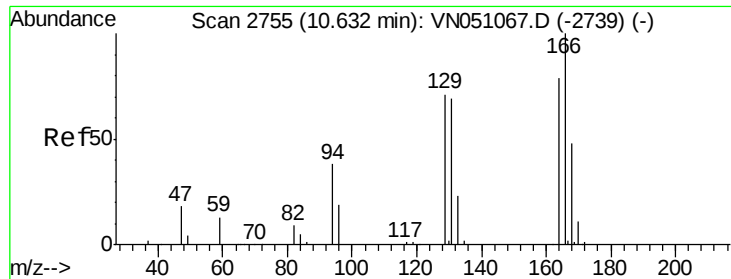
Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)

Time--> 11.30 11.40 11.50

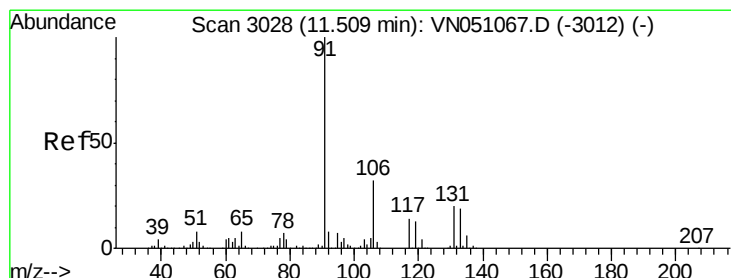
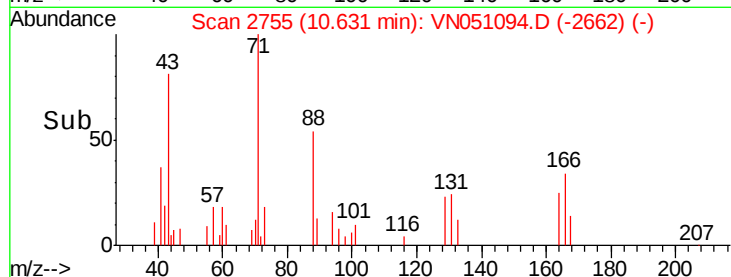
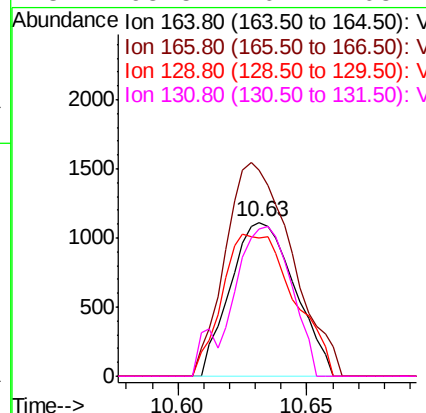
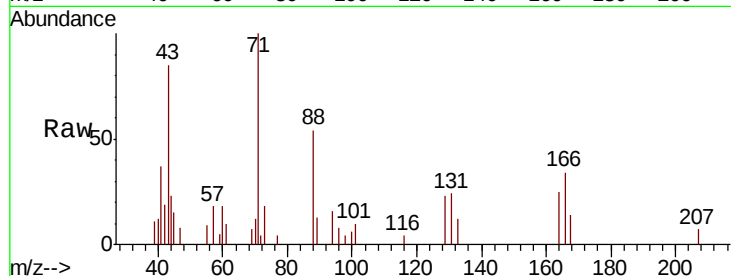




#64
 Tetrachloroethene
 Concen: 0.24 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

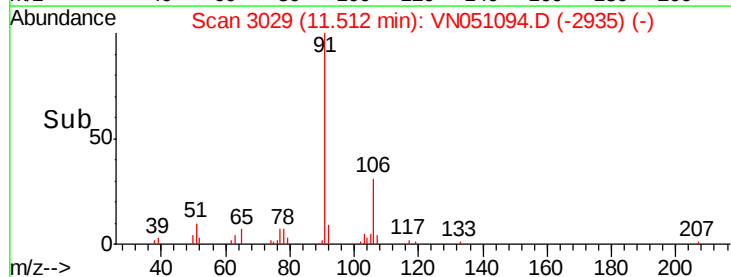
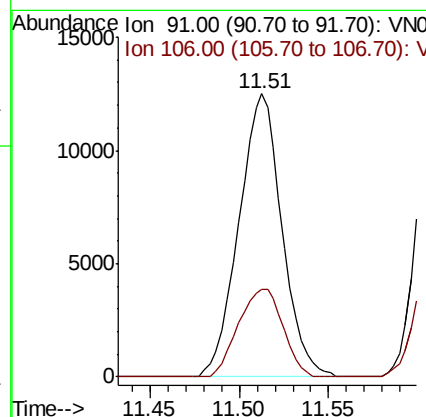
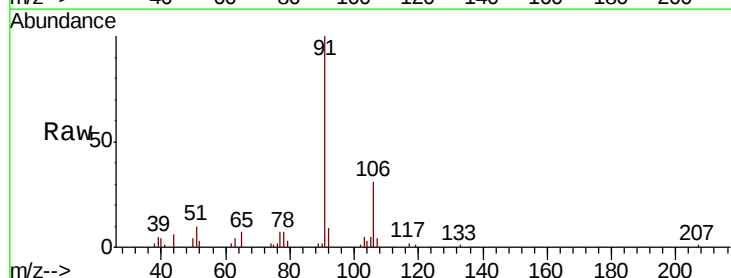
Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

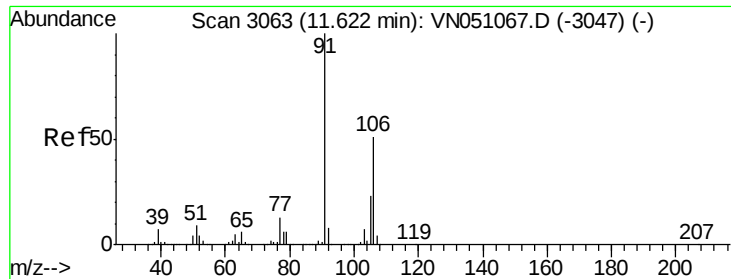
Tot Ion:	164	Resp:	1937
Ion	Ratio	Lower	Upper
164	100		
166	134.1	101.3	151.9
129	90.2	72.2	108.2
131	95.5	70.2	105.2



#67
 Ethyl Benzene
 Concen: 0.58 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion:	91	Resp:	21040
Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.4	38.2

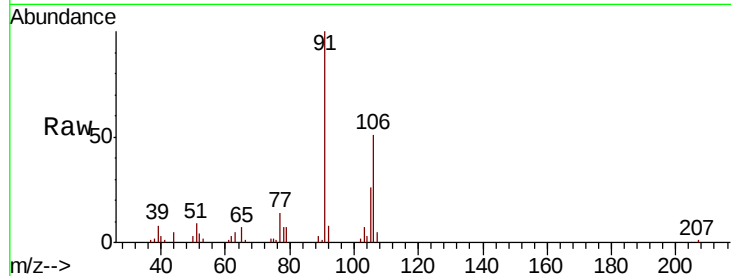




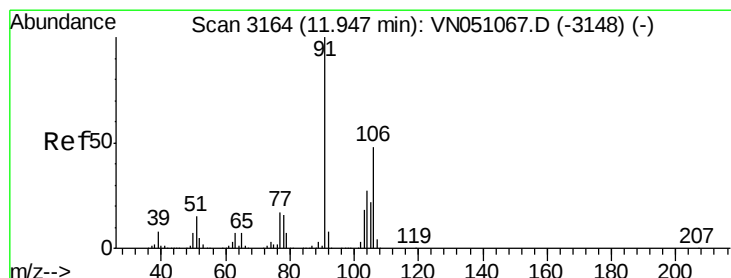
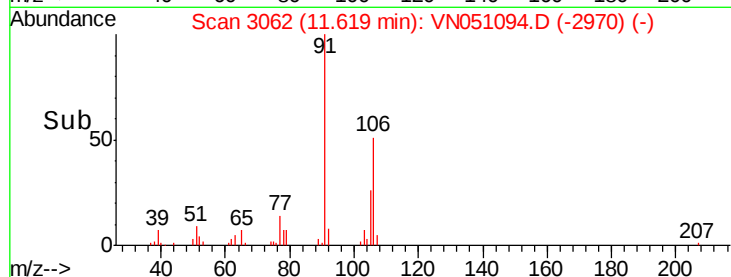
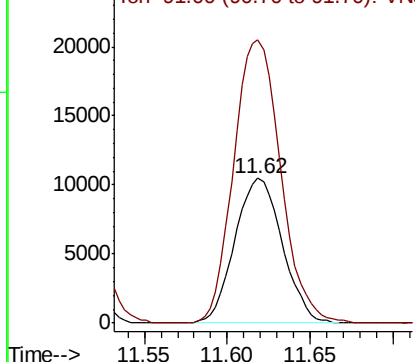
#68
m/p-Xylenes
Concen: 1.51 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051094.D
Acq: 10 Sep 2018 22:43

Instrument :
MSVOA_N
ClientSampleId :
ENY-WC-S-01-0-62

Tot Ion:106 Resp: 20885
Ion Ratio Lower Upper
106 100
91 194.1 159.8 239.6

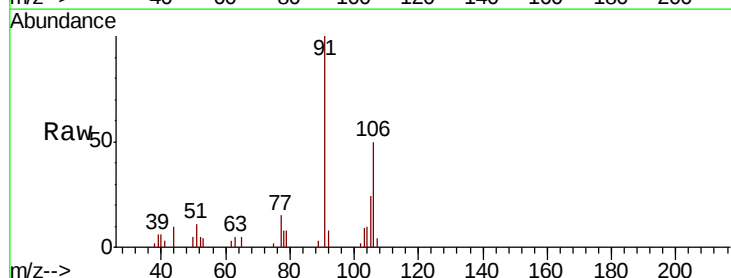


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

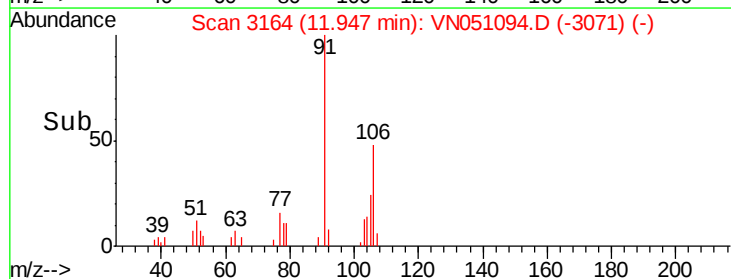
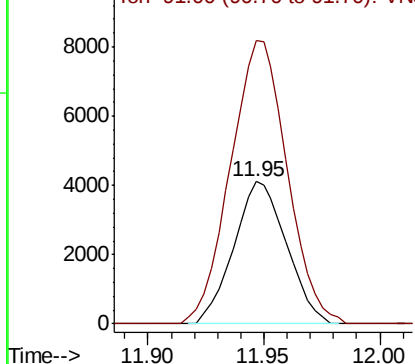


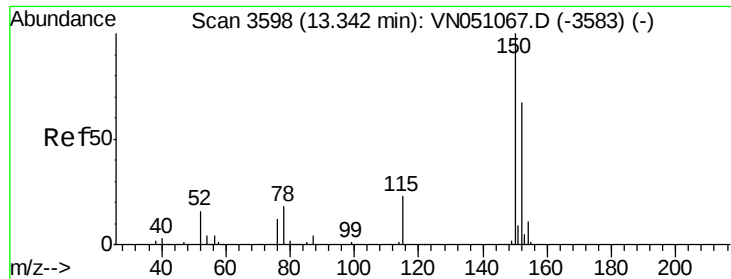
#69
o-Xylene
Concen: 0.48 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051094.D
Acq: 10 Sep 2018 22:43

Tgt Ion:106 Resp: 6480
Ion Ratio Lower Upper
106 100
91 214.3 105.1 315.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

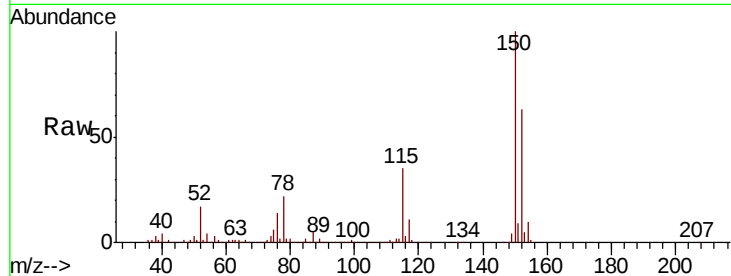
Tot Ion:152 Resp: 292400

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

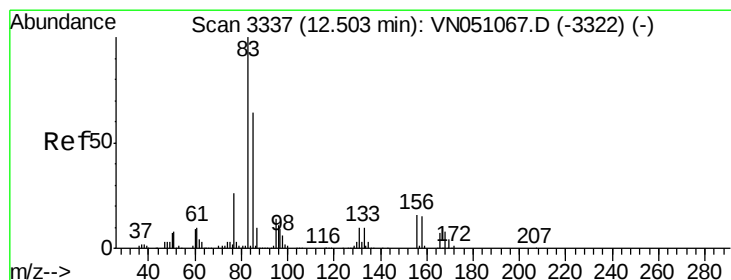
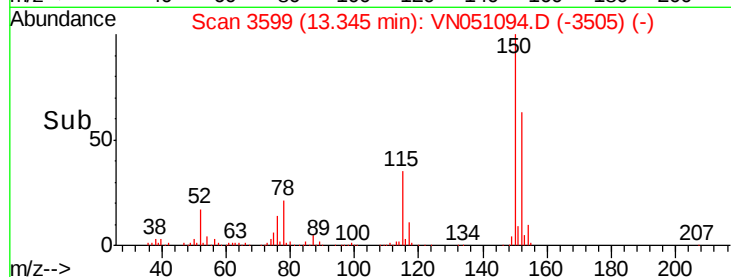
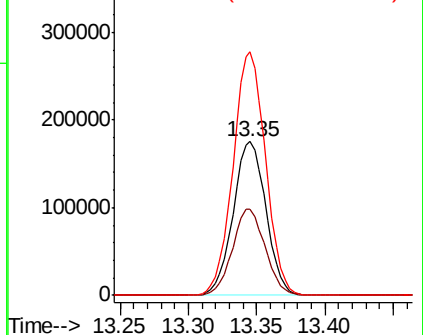
150 156.9 0.0 349.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

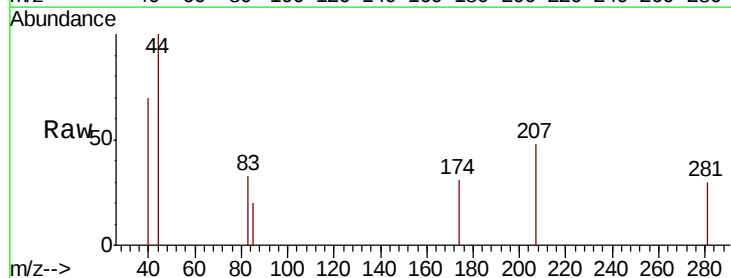
Tgt Ion: 83 Resp: 274

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

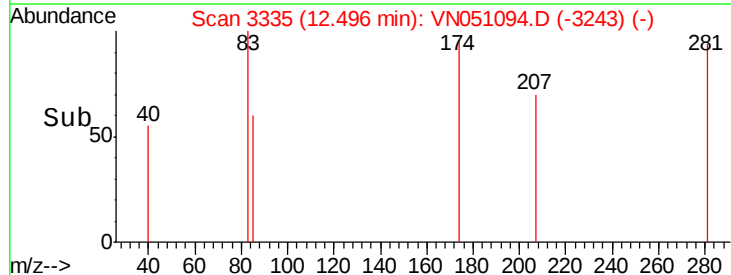
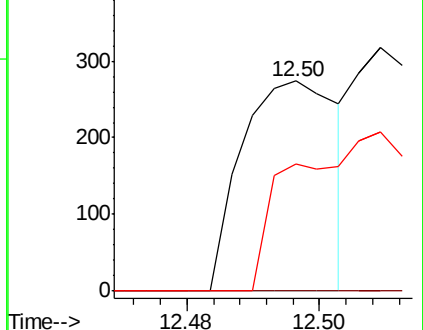
85 0.0 32.3 96.8#

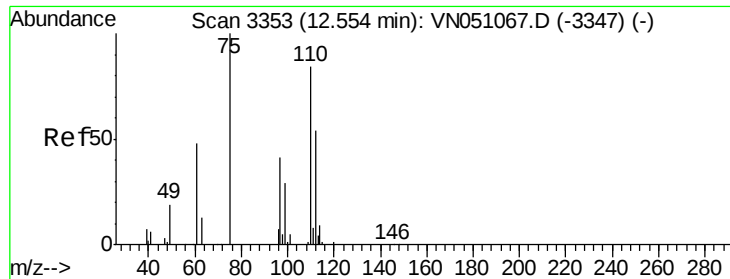


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 39.29 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

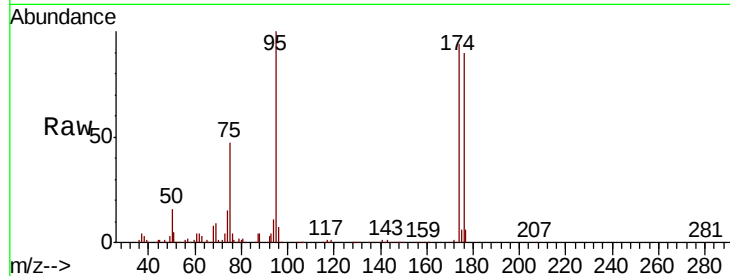
ENY-WC-S-01-0-62

Tot Ion: 75 Resp: 179545

Ion Ratio Lower Upper

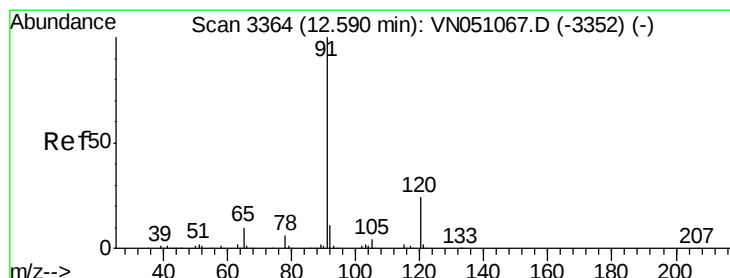
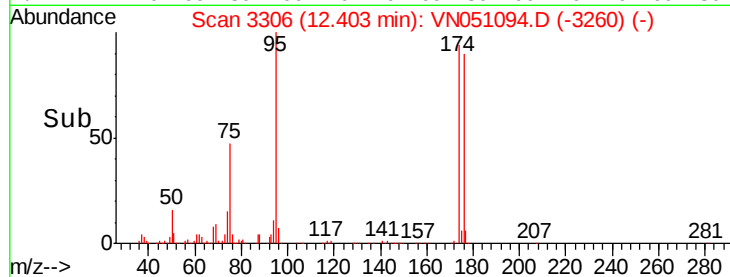
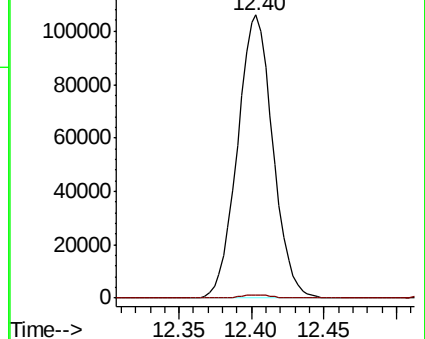
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051094.D

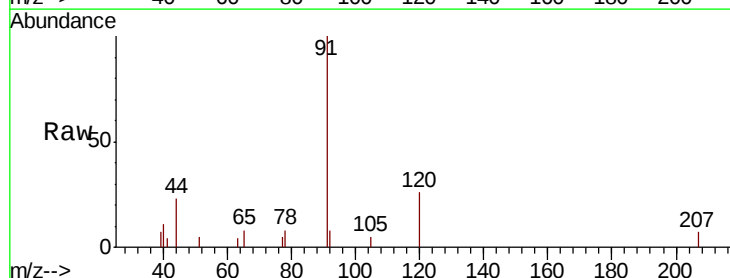
Acq: 10 Sep 2018 22:43

Tgt Ion: 91 Resp: 6385

Ion Ratio Lower Upper

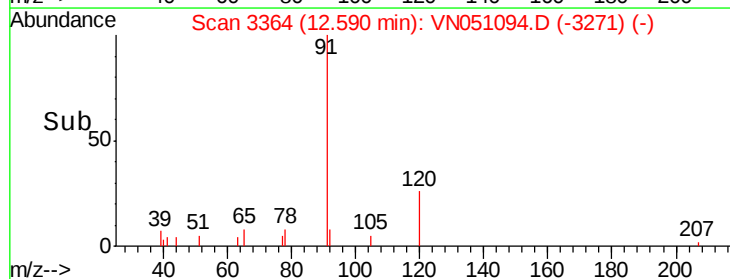
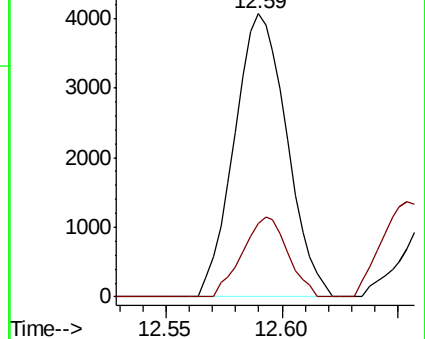
91 100

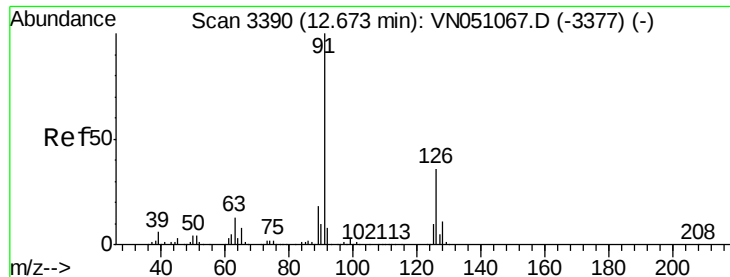
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.20 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

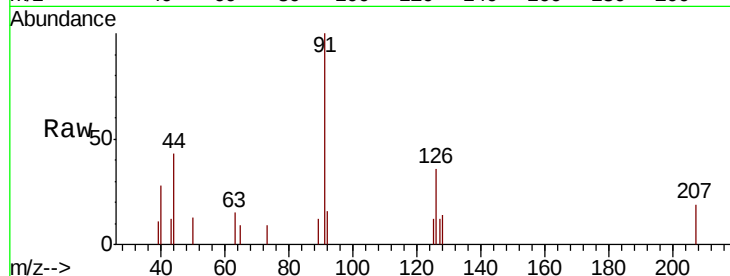
ENY-WC-S-01-0-62

Tot Ion: 91 Resp: 3373

Ion Ratio Lower Upper

91 100

126 32.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3377) (-)

12.77

1500

1000

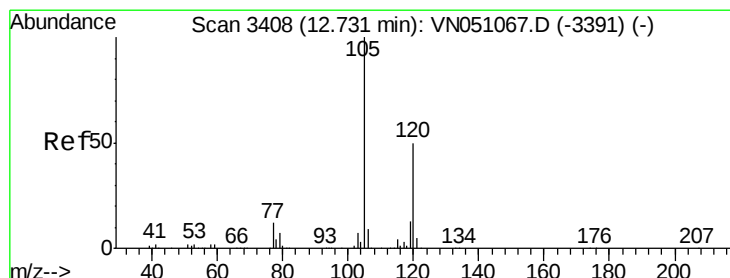
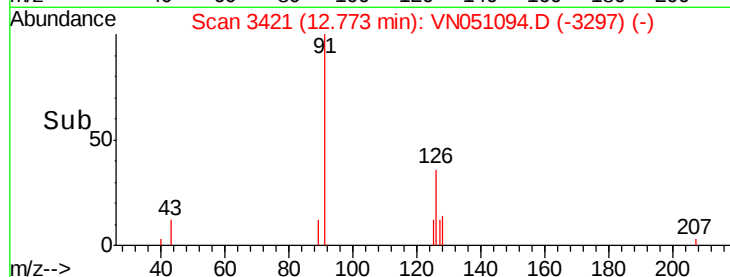
500

0

Time-->

12.75

12.80



#80

1,3,5-Trimethylbenzene

Concen: 0.40 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051094.D

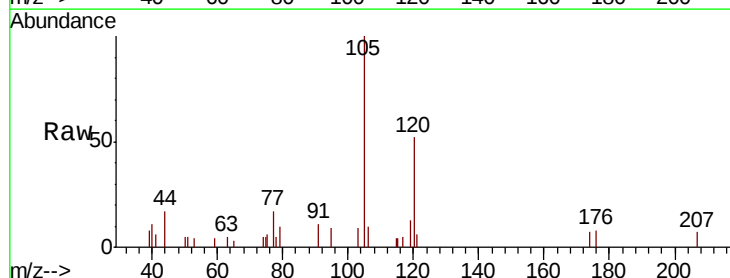
Acq: 10 Sep 2018 22:43

Tgt Ion: 105 Resp: 7957

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

12.73

5000

4000

3000

2000

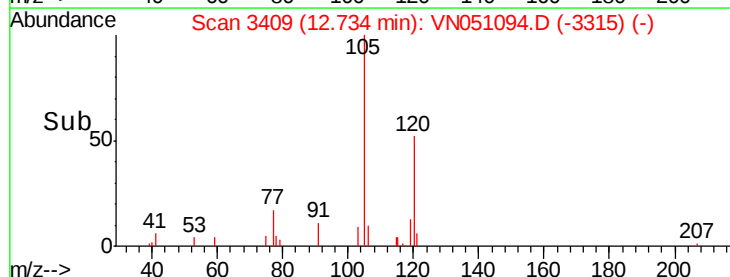
1000

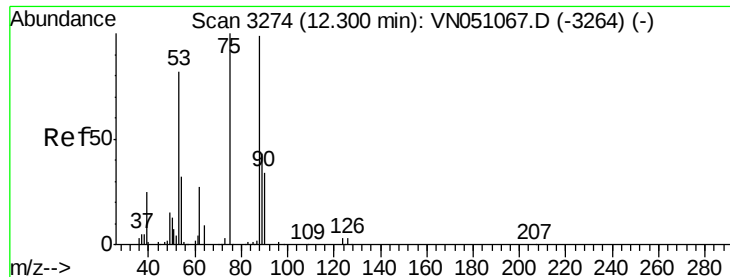
0

Time-->

12.70

12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 116.62 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

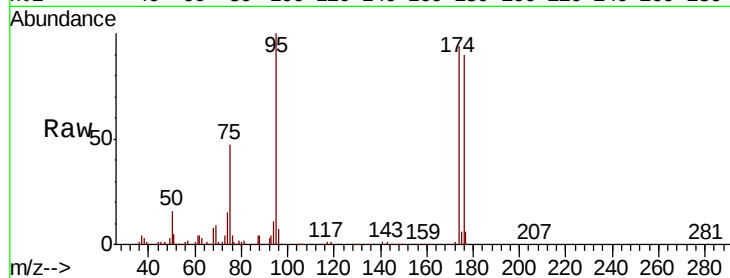
Tot Ion: 75 Resp: 179545

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

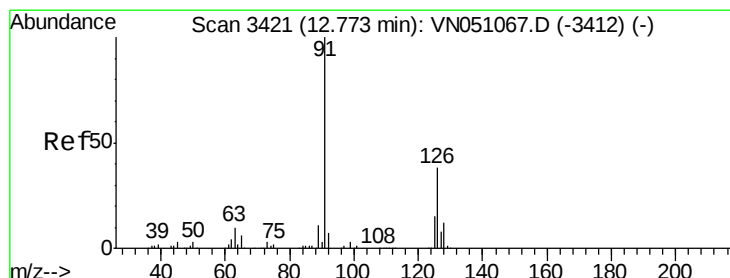
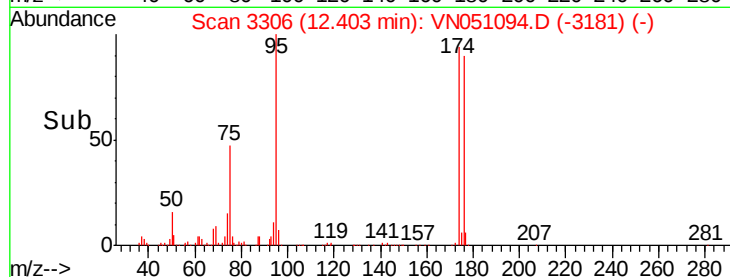
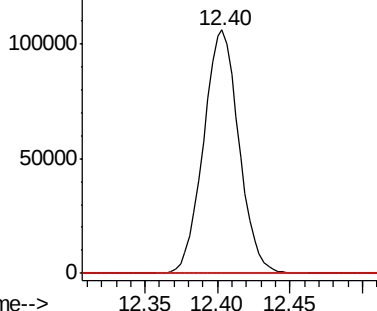
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.20 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051094.D

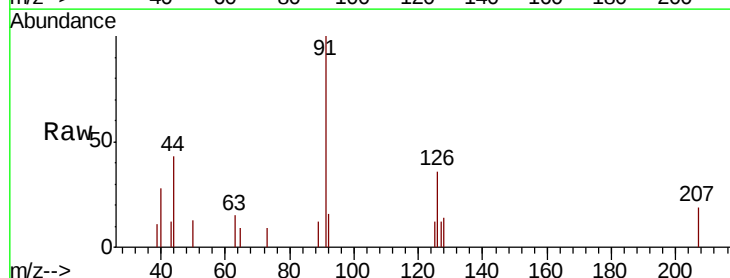
Acq: 10 Sep 2018 22:43

Tgt Ion: 91 Resp: 3373

Ion Ratio Lower Upper

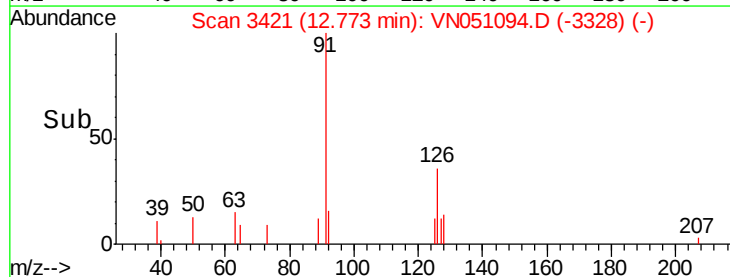
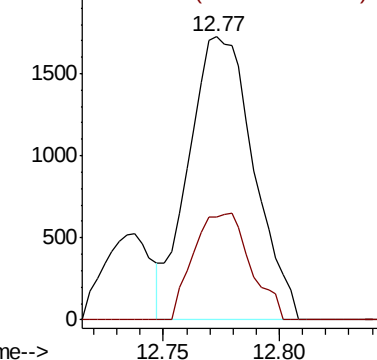
91 100

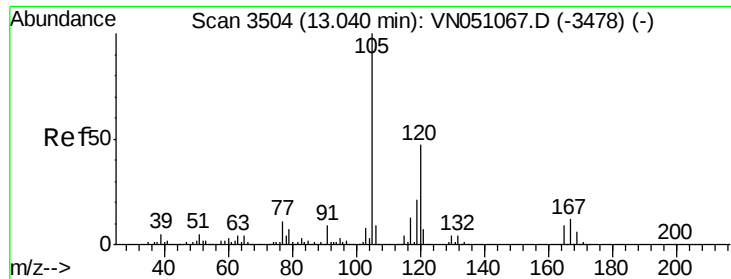
126 32.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

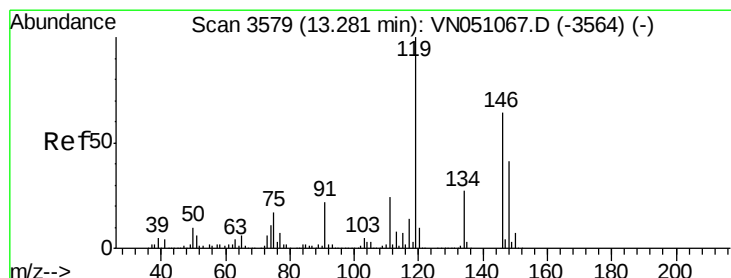
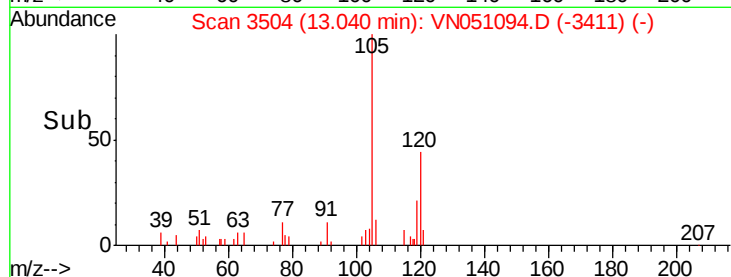
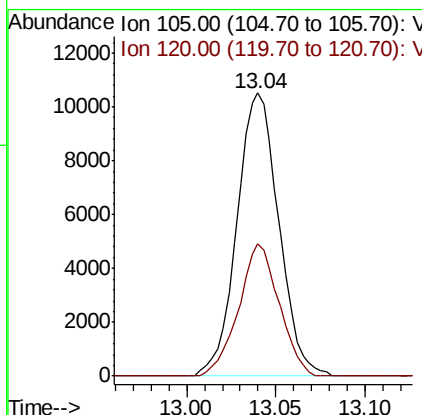
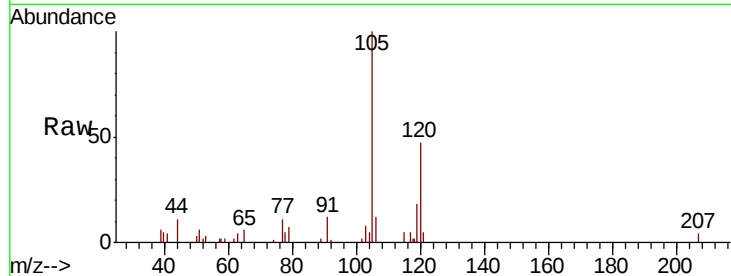




#84
 1,2,4-Trimethylbenzene
 Concen: 0.88 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

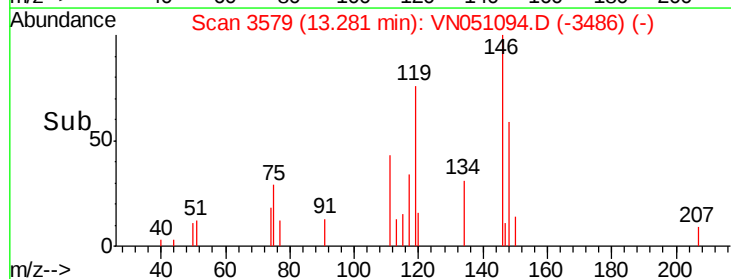
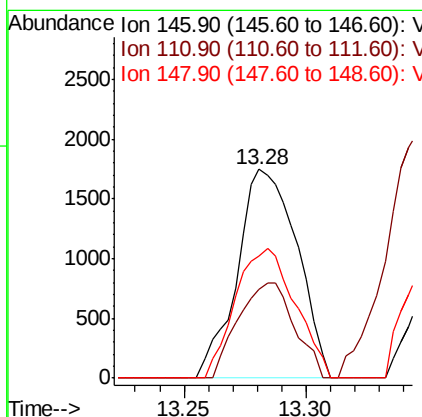
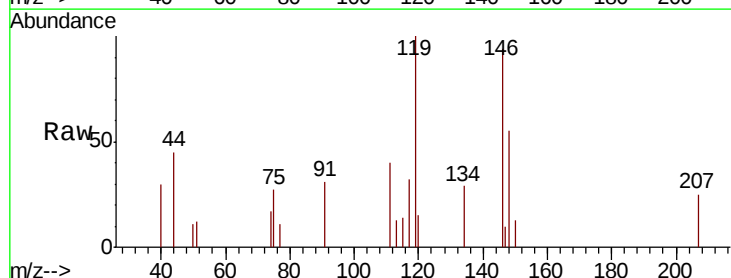
Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

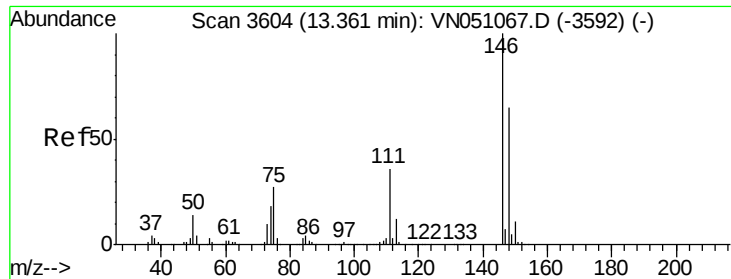
Tot Ion:105 Resp: 17222
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.3 69.8



#87
 1,3-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion:146 Resp: 2972
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.1 57.1
 148 62.2 32.2 96.6

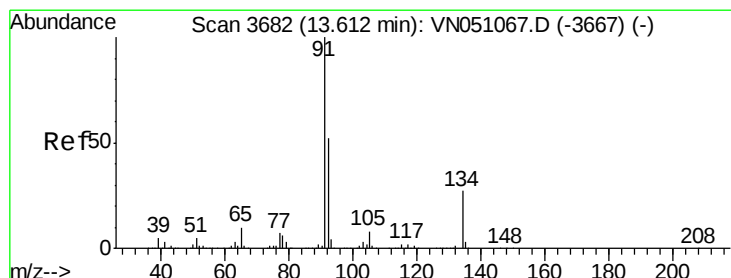
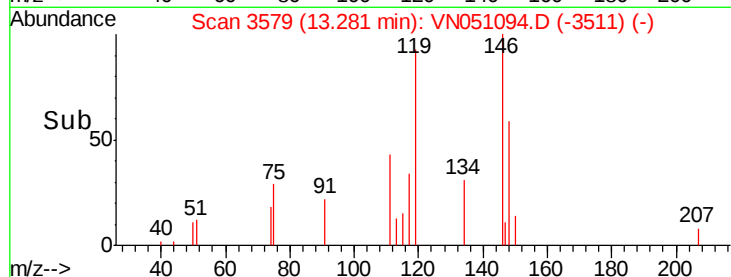
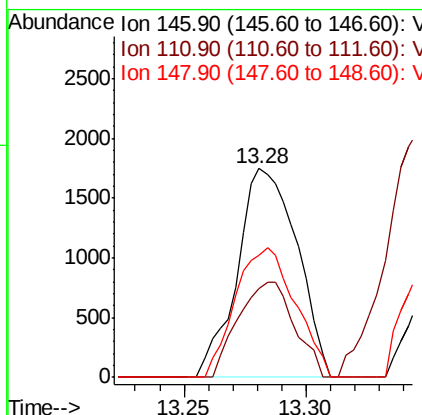
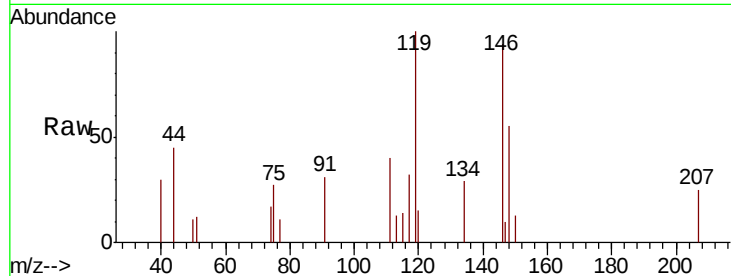




#88
 1,4-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

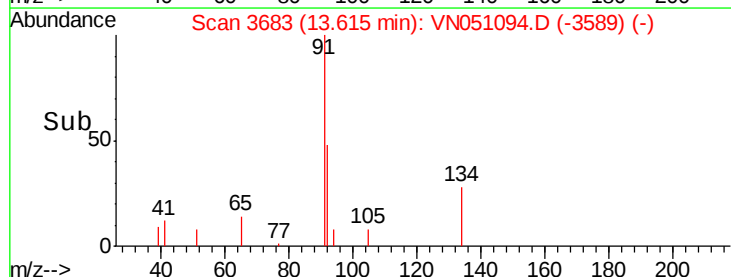
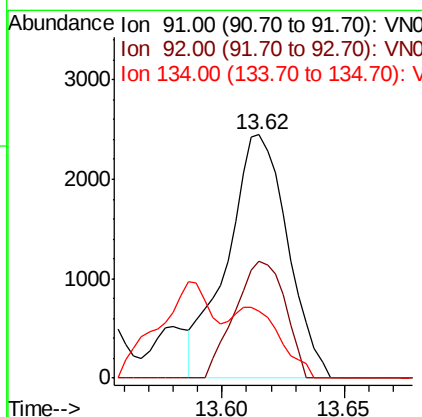
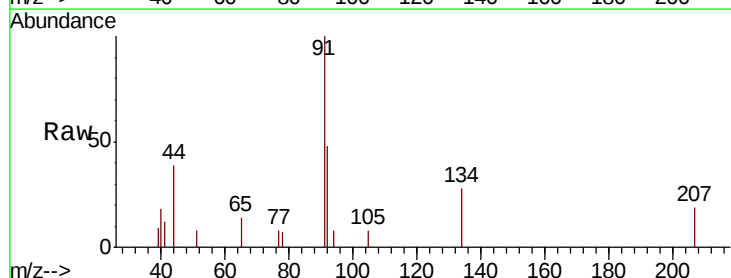
Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

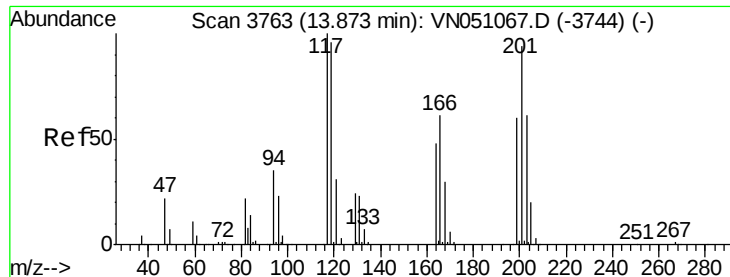
Tot Ion:146 Resp: 2972
 Ion Ratio Lower Upper
 146 100
 111 42.7 18.4 55.0
 148 62.2 32.2 96.6



#89
 n-Butylbenzene
 Concen: 0.28 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Tgt Ion: 91 Resp: 4192
 Ion Ratio Lower Upper
 91 100
 92 40.1 26.2 78.6
 134 21.8 13.7 41.1





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

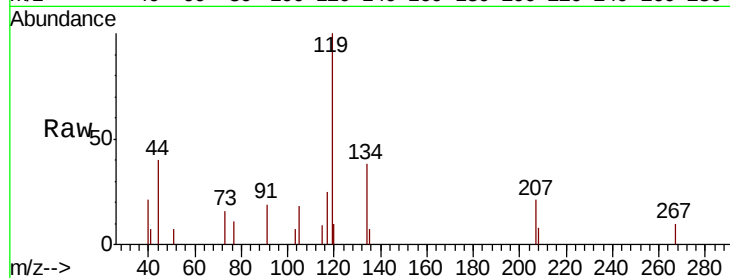
ENY-WC-S-01-0-62

Tot Ion:117 Resp: 874

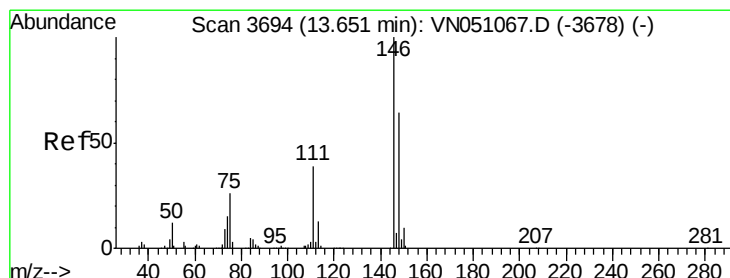
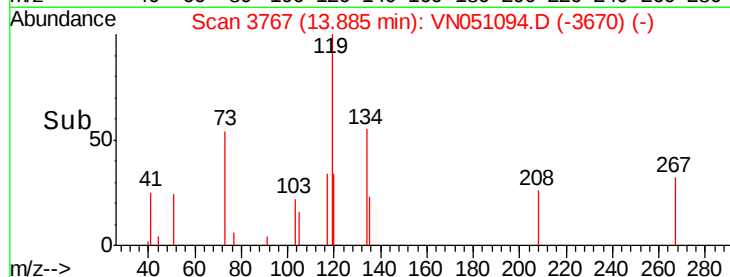
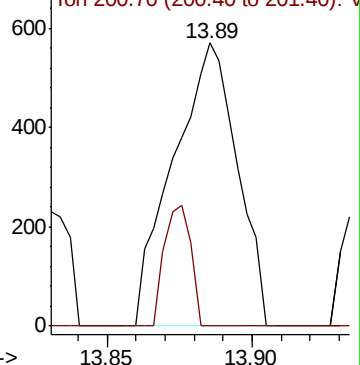
Ion Ratio Lower Upper

117 100

201 17.5 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V



#91

1,2-Dichlorobenzene

Concen: 0.29 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

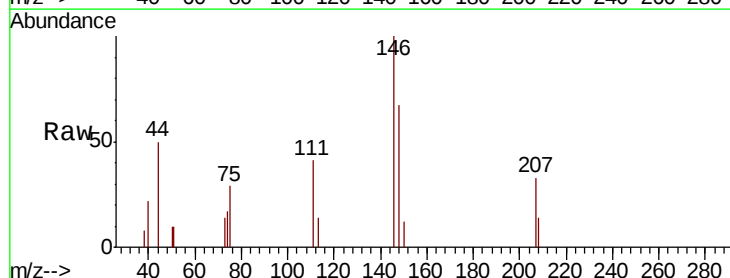
Tgt Ion:146 Resp: 3113

Ion Ratio Lower Upper

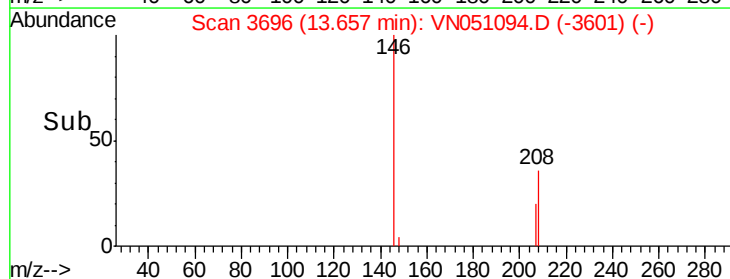
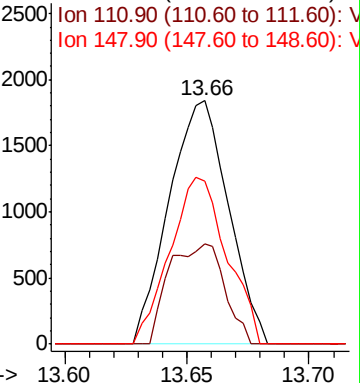
146 100

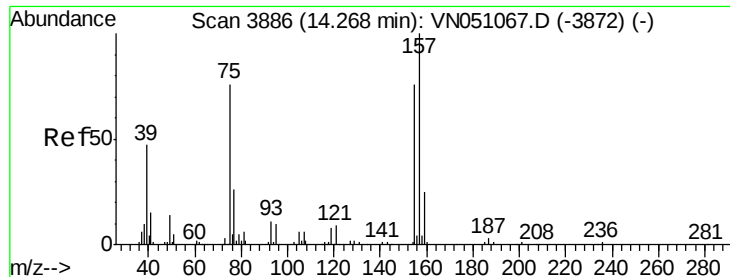
111 38.5 19.7 59.0

148 65.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.95 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

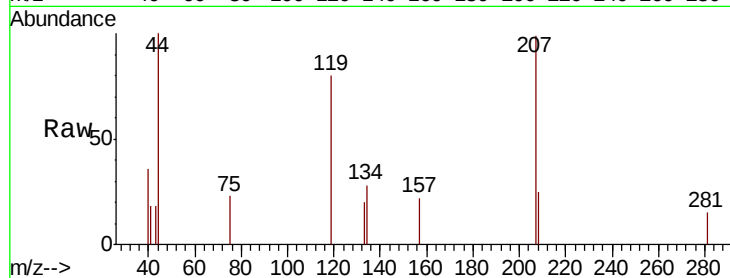
Tot Ion: 75 Resp: 253

Ion Ratio Lower Upper

75 100

155 22.9 48.7 146.1#

157 83.8 63.6 190.9



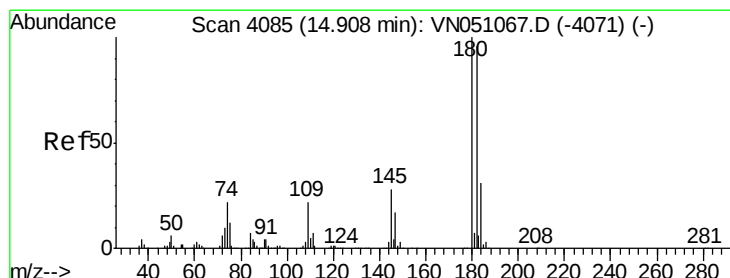
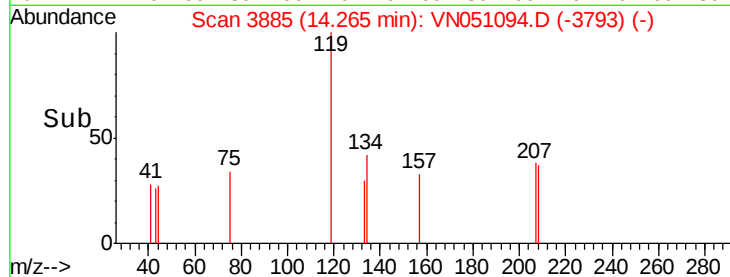
Abundance Ion 74.90 (74.60 to 75.60): VN051067.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN051067.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN051067.D (-3872) (-)

14.26

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.66 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

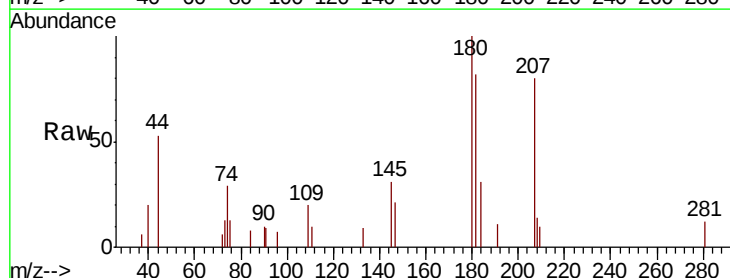
Tgt Ion:180 Resp: 3889

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 39.0 14.2 42.6



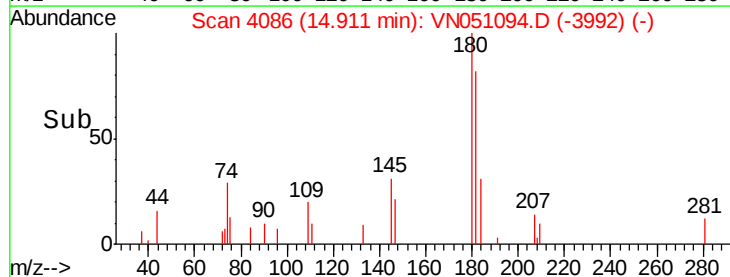
Abundance Ion 179.80 (179.50 to 180.50): VN051067.D (-4071) (-)

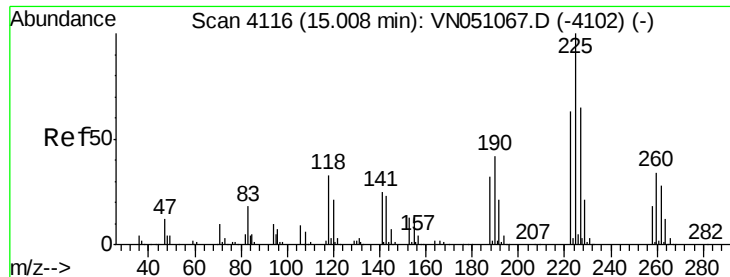
Ion 181.80 (181.50 to 182.50): VN051067.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN051067.D (-4071) (-)

14.91

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

ENY-WC-S-01-0-62

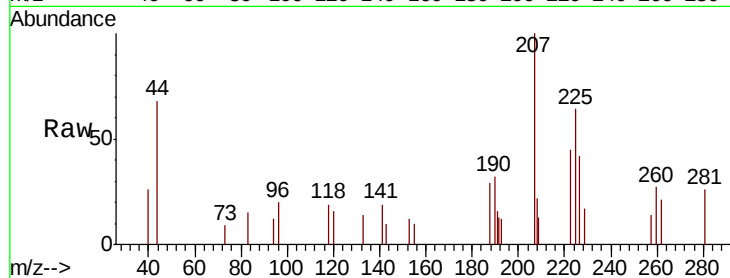
Tot Ion:225 Resp: 1845

Ion Ratio Lower Upper

225 100

223 70.1 31.4 94.0

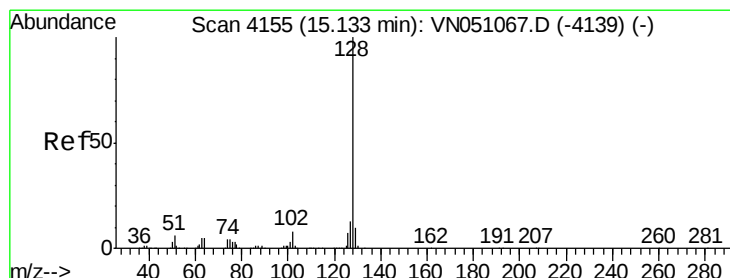
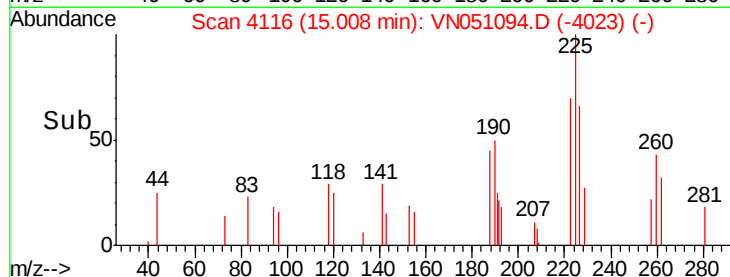
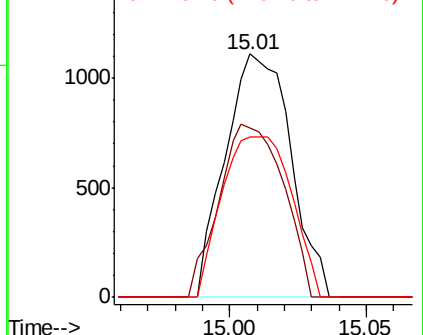
227 70.5 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 7.33 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051094.D

Acq: 10 Sep 2018 22:43

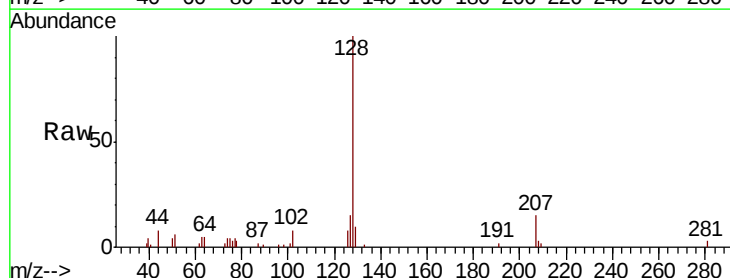
Tgt Ion:128 Resp: 24430

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

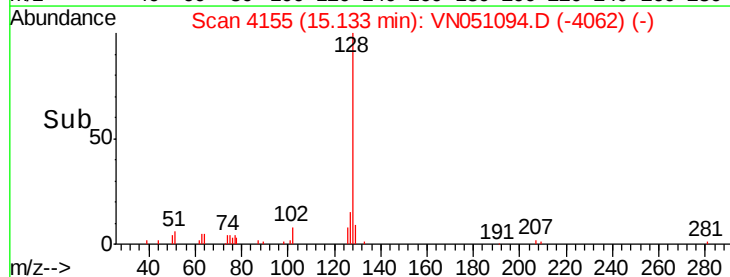
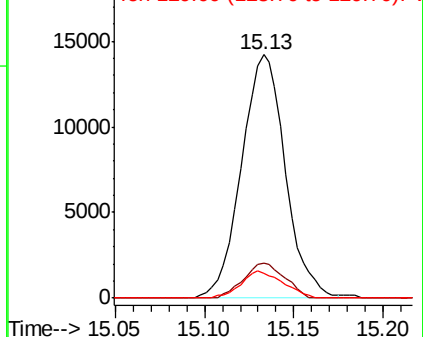
129 10.7 8.6 12.8

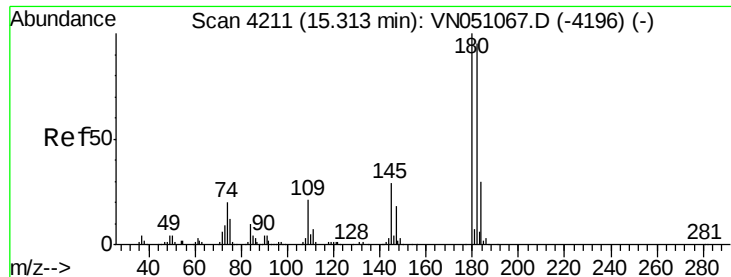


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

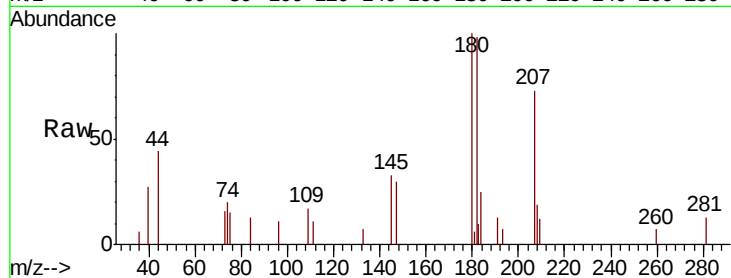




#96
 1,2,3-Trichlorobenzene
 Concen: 3.77 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051094.D
 Acq: 10 Sep 2018 22:43

Instrument :
 MSVOA_N
 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.8	143.3
145	32.8	14.6	43.8



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

