

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054848.D
 Acq On : 31 Mar 2019 14:12
 Operator : JC/SP
 Sample : K2179-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:46:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	357090	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	273821	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1030571	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	319569	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	

Target Compounds

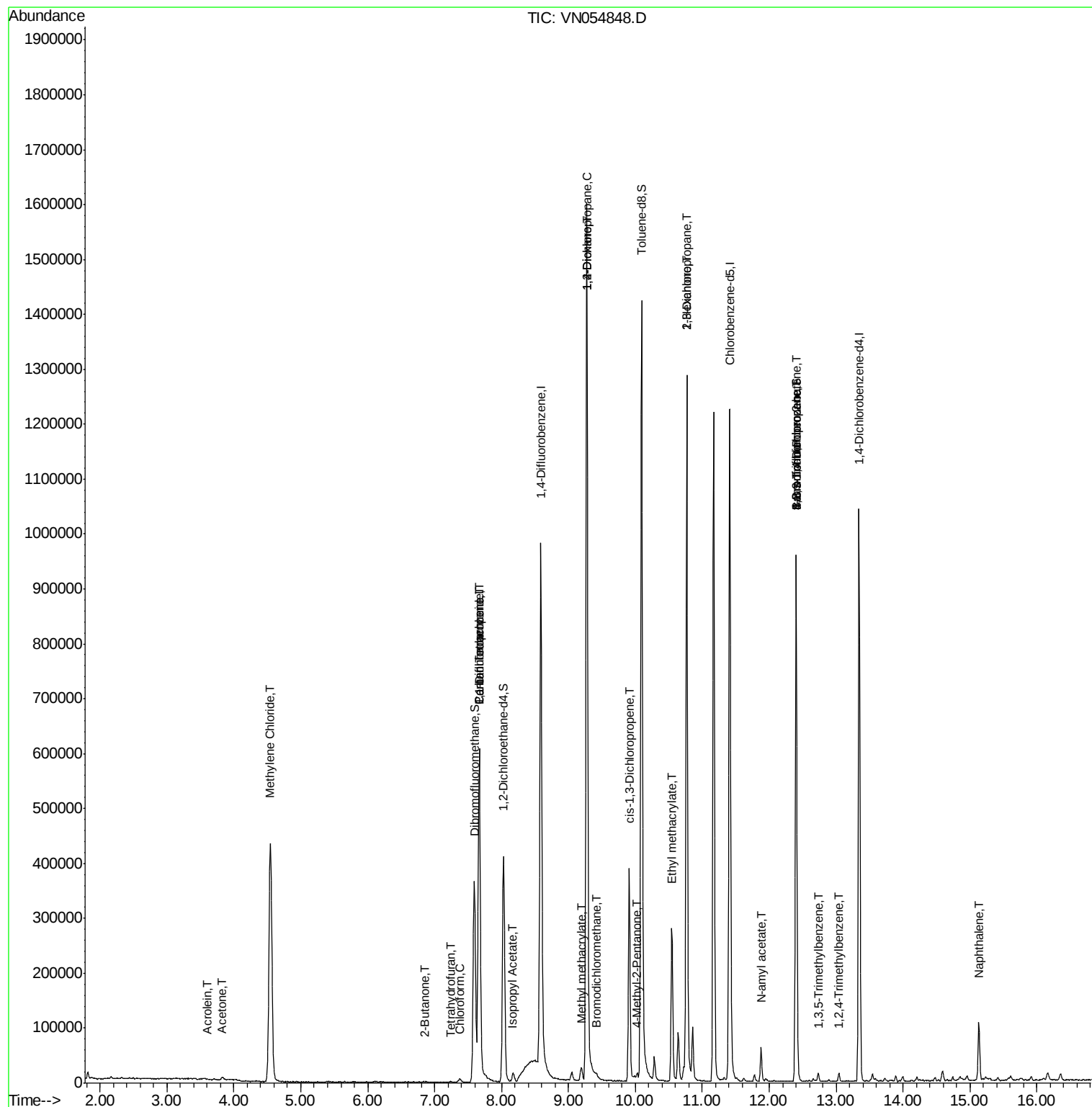
					Qvalue	
5) Bromomethane	2.58	94	291	Below Cal	#	67
13) Acrolein	3.60	56	222	0.695	ug/l	93
16) Acetone	3.83	43	7978	4.875	ug/l #	86
18) Methyl Acetate	4.34	43	475	Below Cal	#	1
20) Methylene Chloride	4.55	84	307331	53.240	ug/l #	84
25) 2-Butanone	6.87	43	1936	0.800	ug/l #	72
29) Tetrahydrofuran	7.23	42	533	0.317	ug/l #	54
30) Chloroform	7.38	83	6643	0.670	ug/l	96
31) Cyclohexane	7.66	56	11126	Below Cal	#	30
36) 1,1-Dichloropropene	7.66	75	39235	4.904	ug/l #	48
38) Carbon Tetrachloride	7.67	117	48400	6.229	ug/l #	17
43) Isopropyl Acetate	8.18	43	18366	1.927	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1907	0.292	ug/l #	43
47) Bromodichloromethane	9.41	83	1566	0.205	ug/l #	92
48) Methyl methacrylate	9.18	41	10990	2.127	ug/l #	11
49) 1,4-Dioxane	9.28	88	132	2.574	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	9913	1.850	ug/l #	36
54) cis-1,3-Dichloropropene	9.91	75	65488	7.637	ug/l #	71
56) Ethyl methacrylate	10.55	69	1391	0.209	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12849	1.476	ug/l #	43
59) 2-Hexanone	10.77	43	206657	60.231	ug/l #	48
71) Bromoform	12.40	173	3641	1.153	ug/l #	1
74) N-ethyl acetate	11.88	43	20480	2.945	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.40	83	124	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170987	36.035	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7676	0.419	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	170987	140.168	ug/l #	11
83) tert-Butylbenzene	13.05	119	990	Below Cal	#	34
84) 1,2,4-Trimethylbenzene	13.04	105	8444	0.484	ug/l	100
95) Naphthalene	15.13	128	87525	8.891	ug/l	98

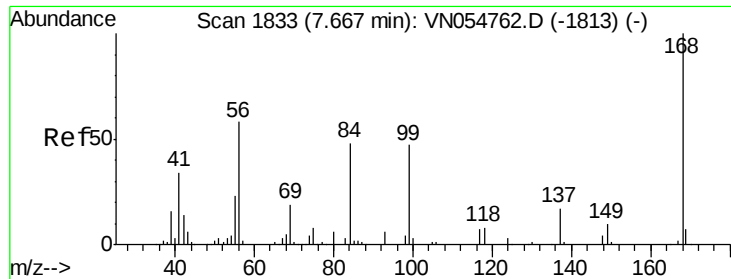
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
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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: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

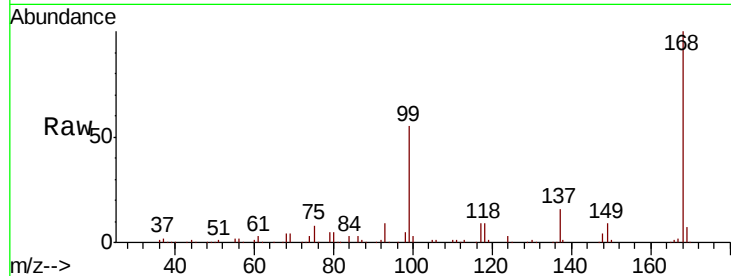
ClientSampleId :

Tot Ion:168 Resp: 509086

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

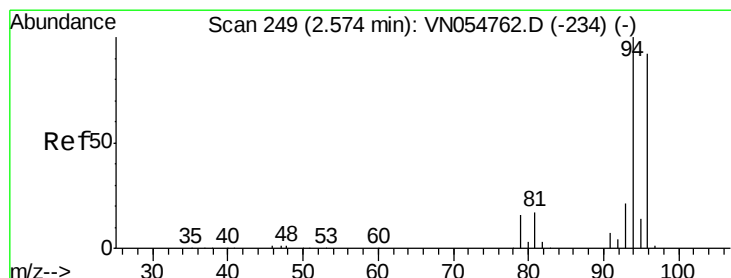
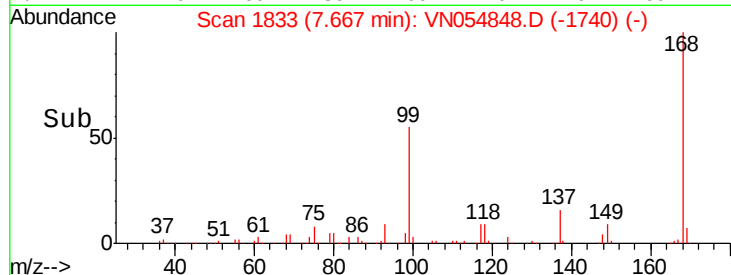
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054848.D

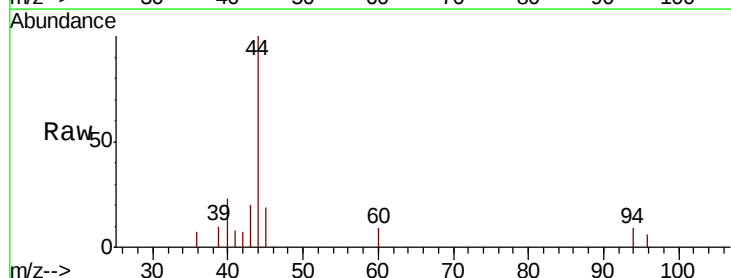
Acq: 31 Mar 2019 14:12

Tgt Ion: 94 Resp: 291

Ion Ratio Lower Upper

94 100

96 63.8 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.58

400

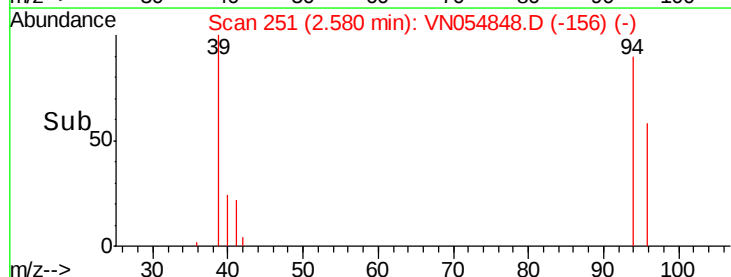
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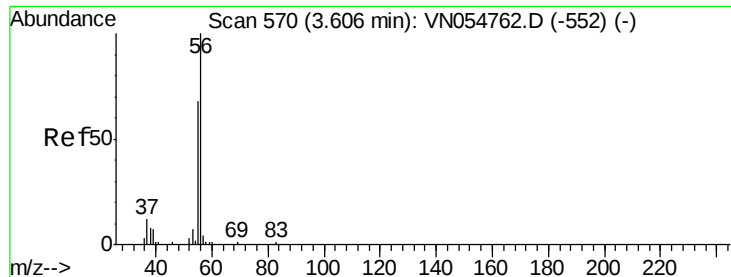
200

100

0

Time--> 2.56 2.58 2.60





#13

Acrolein

Concen: 0.695 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

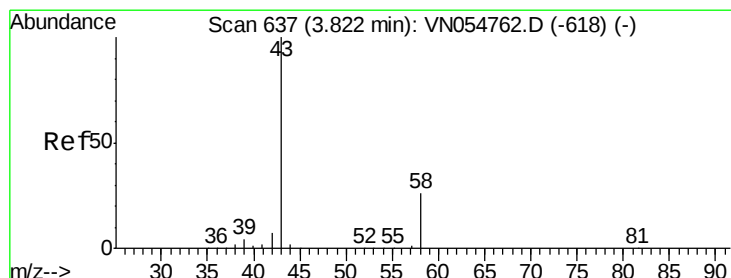
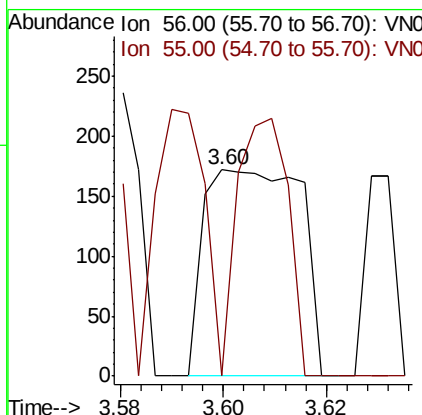
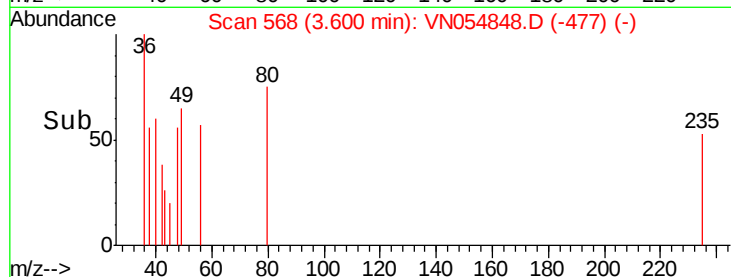
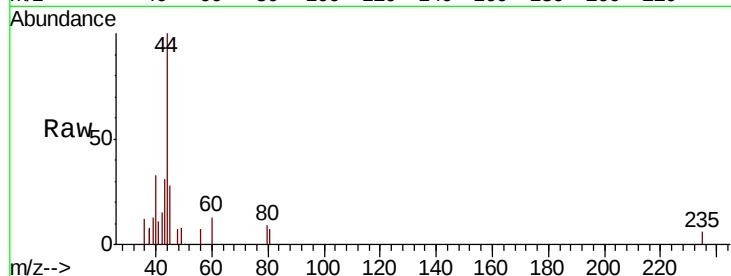
ClientSampled :

Tot Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

55 65.3 56.7 85.1



#16

Acetone

Concen: 4.875 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054848.D

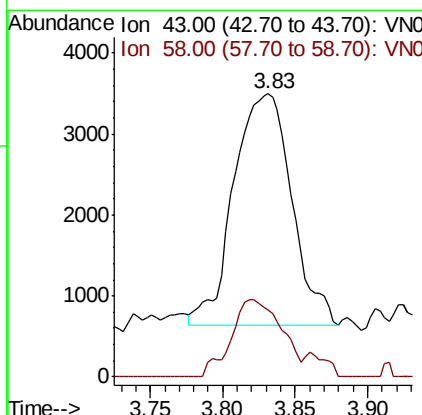
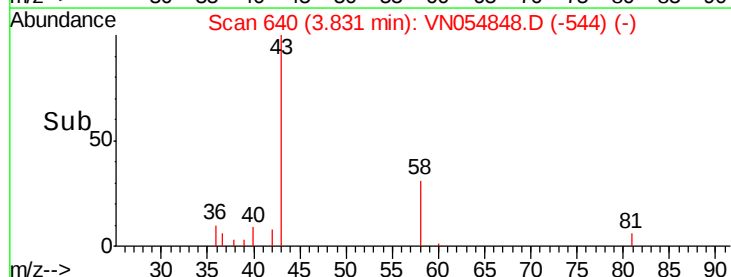
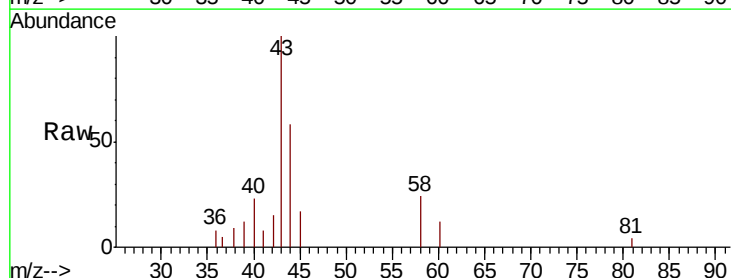
Acq: 31 Mar 2019 14:12

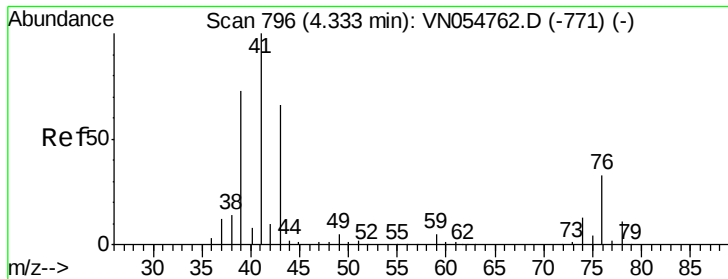
Tgt Ion: 43 Resp: 7978

Ion Ratio Lower Upper

43 100

58 28.9 29.9 44.9#

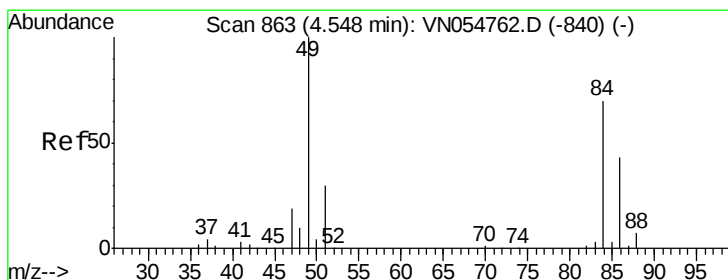
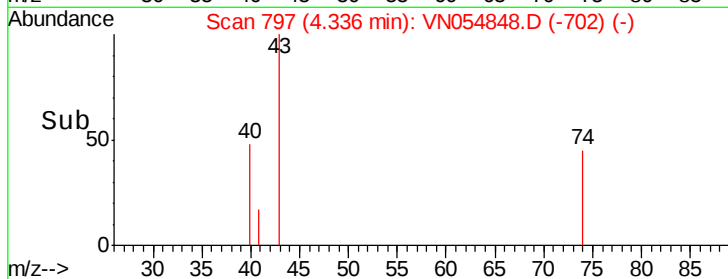
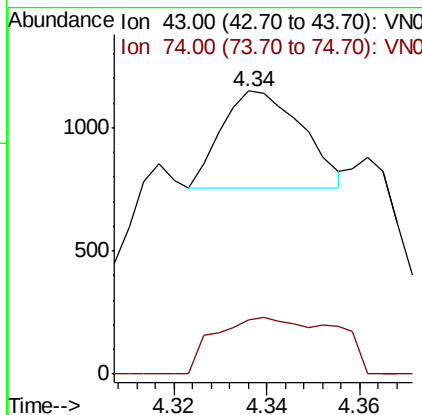
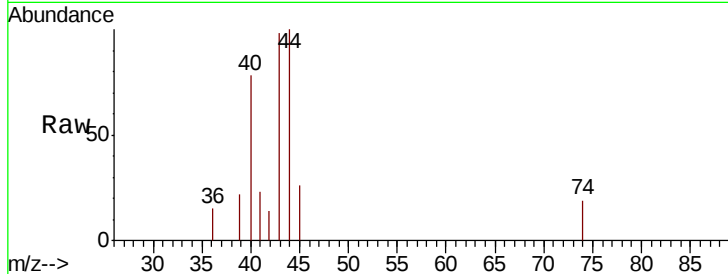




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

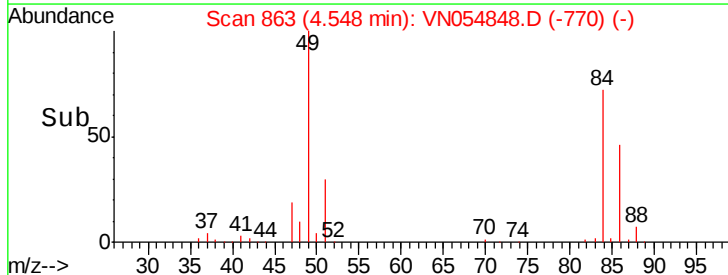
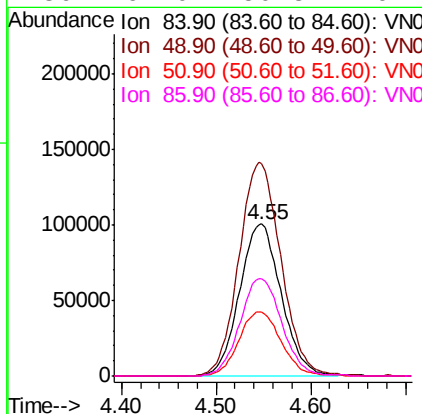
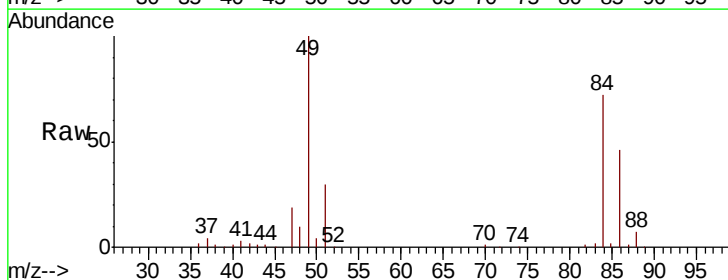
Instrument :
MSVOA_N
ClientSampled :

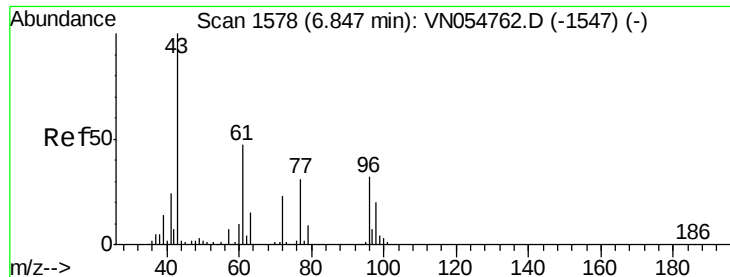
Tot Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
74 87.4 20.8 31.2#



#20
Methylene Chloride
Concen: 53.240 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Tgt Ion: 84 Resp: 307331
Ion Ratio Lower Upper
84 100
49 139.7 89.7 134.5#
51 41.8 28.2 42.4
86 64.0 50.8 76.2





#25

2-Butanone

Concen: 0.800 ug/l

RT: 6.87 min Scan# 1584

Delta R.T. 0.02 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

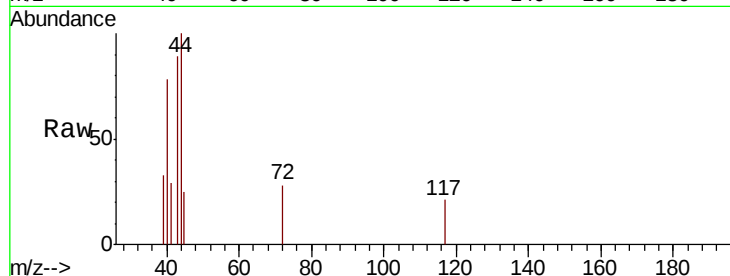
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1936

Ion Ratio Lower Upper

43 100

72 43.5 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.87

800

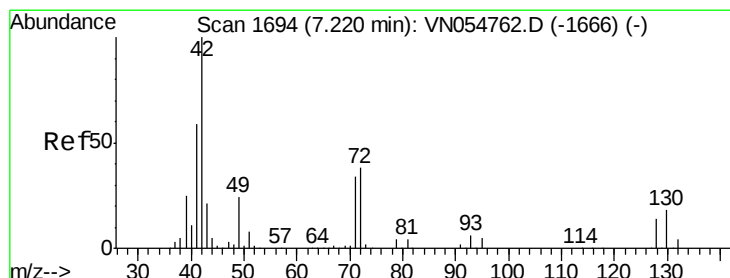
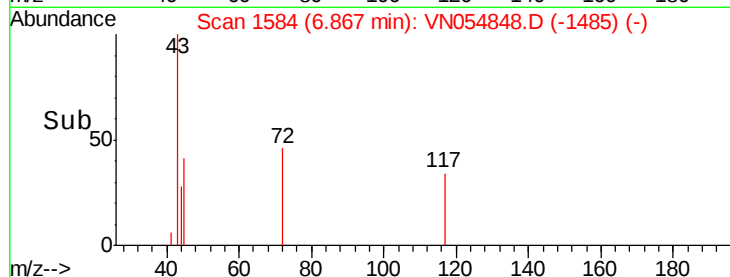
600

400

200

0

Time--> 6.80 6.85 6.90



#29

Tetrahydrofuran

Concen: 0.317 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

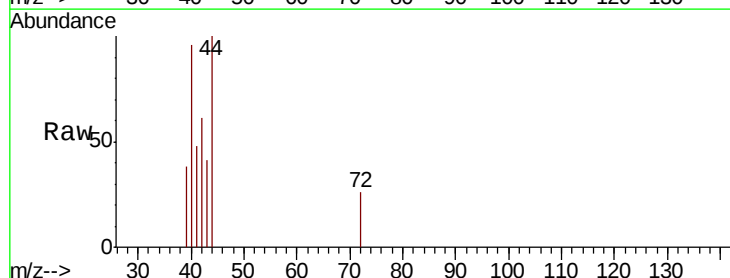
Tgt Ion: 42 Resp: 533

Ion Ratio Lower Upper

42 100

72 11.6 37.8 56.6#

71 19.7 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

500

400

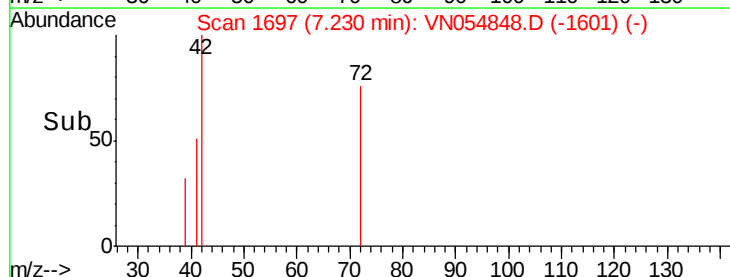
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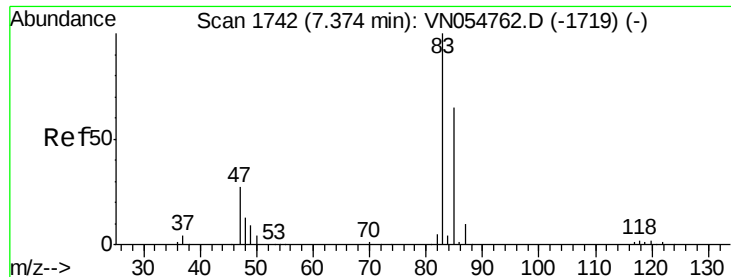
200

100

0

Time--> 7.20 7.22 7.24

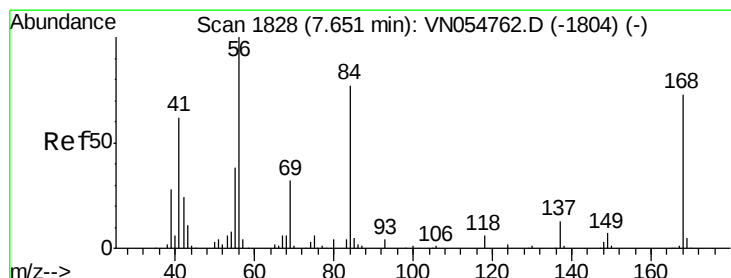
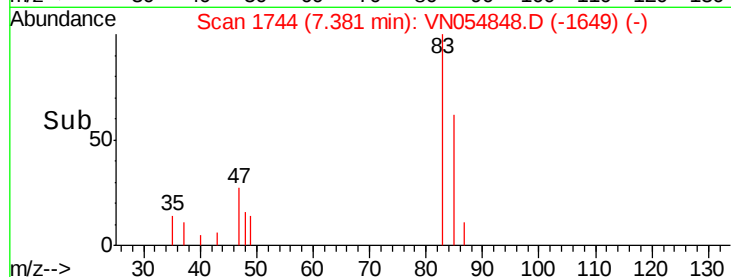
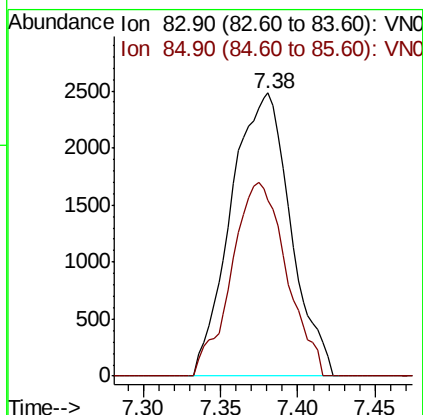
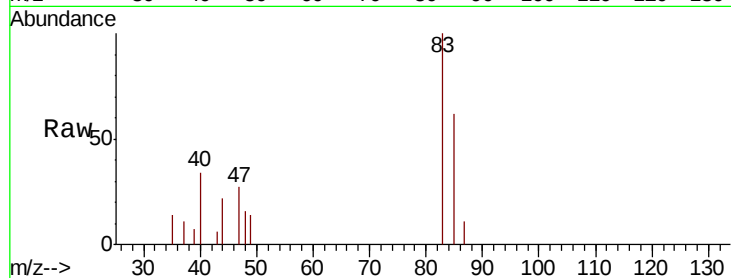




#30
Chloroform
Concen: 0.670 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

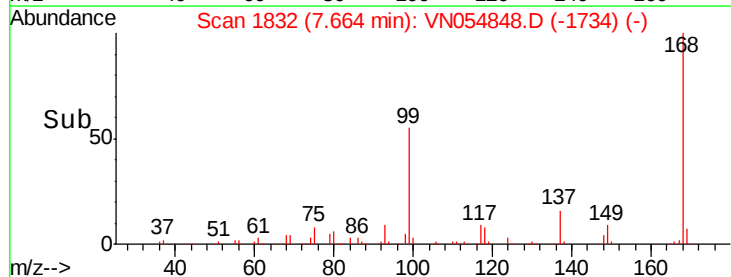
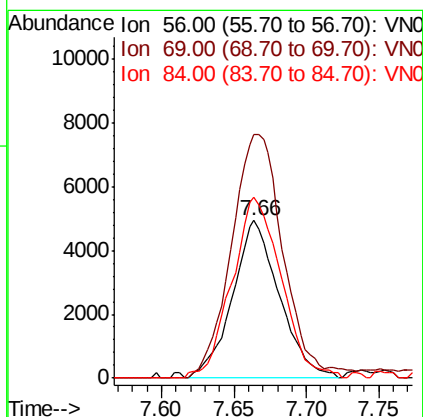
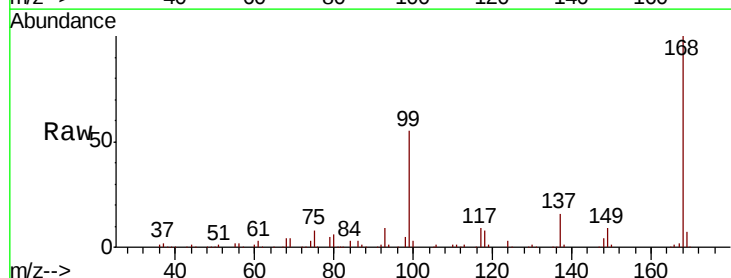
Instrument :
MSVOA_N
ClientSampled :

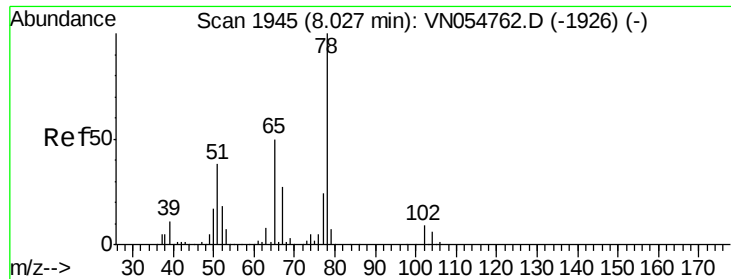
Tot Ion: 83 Resp: 6643
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Tgt Ion: 56 Resp: 11126
Ion Ratio Lower Upper
56 100
69 154.2 27.8 41.6#
84 111.2 74.6 111.8

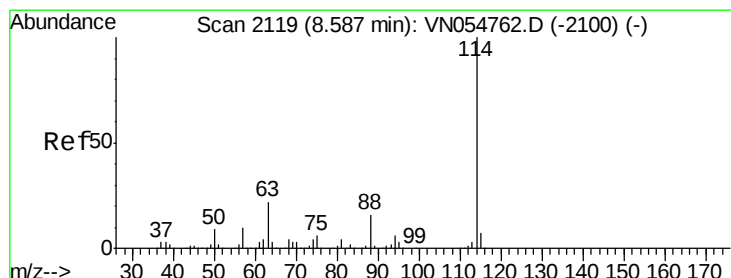
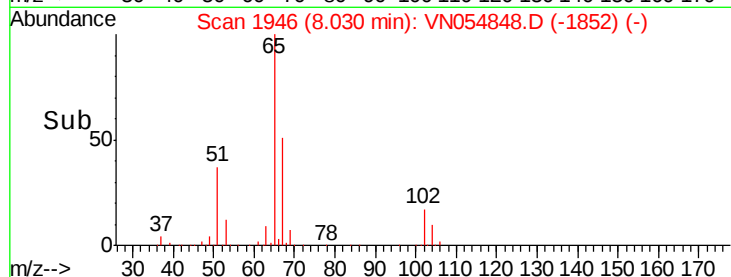
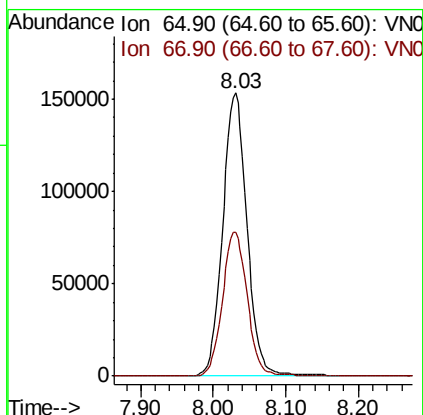
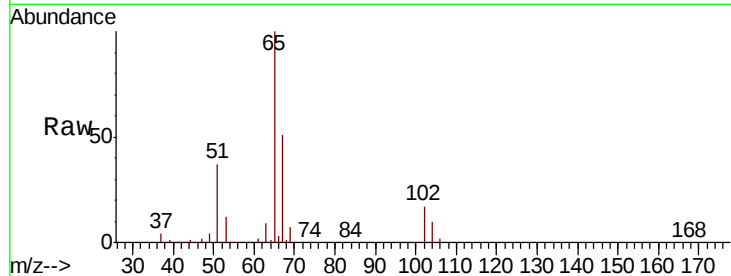




#33
 1,2-Dichloroethane-d4
 Concen: 52.034 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

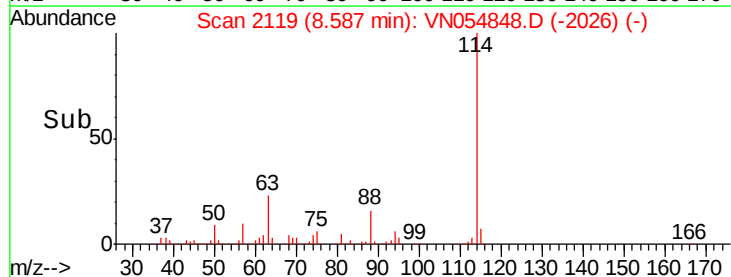
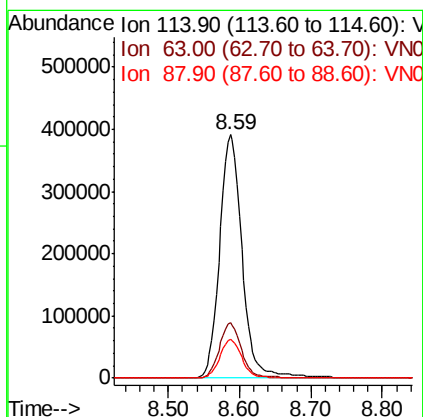
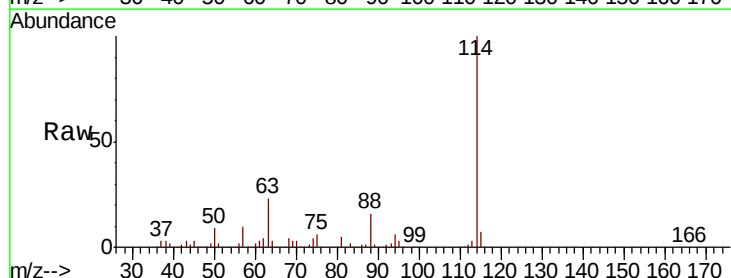
Instrument :
 MSVOA_N
 ClientSampleId :

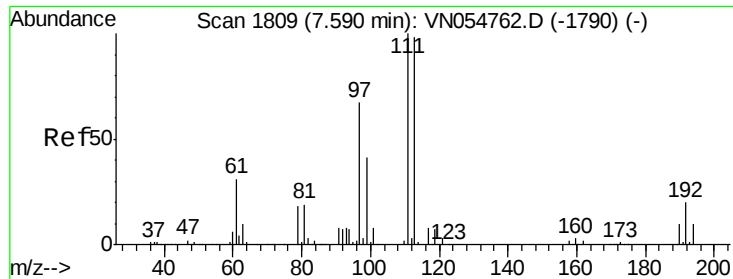
Tot Ion: 65 Resp: 357090
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 114 Resp: 858603
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.8 0.0 30.2

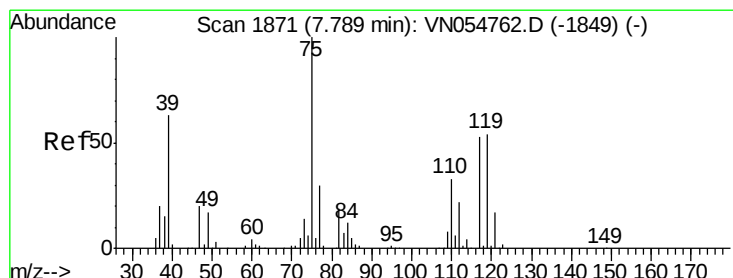
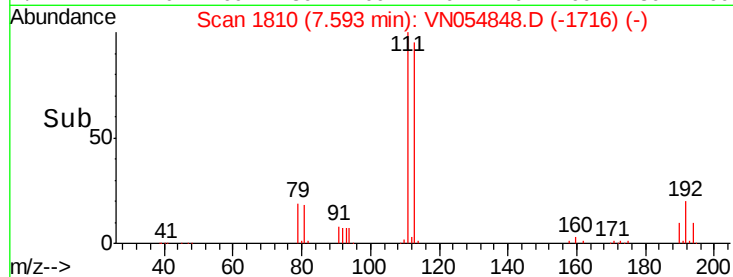
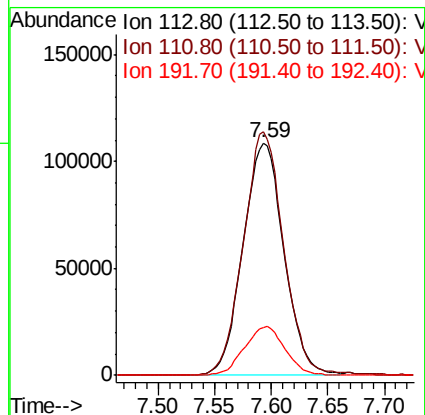
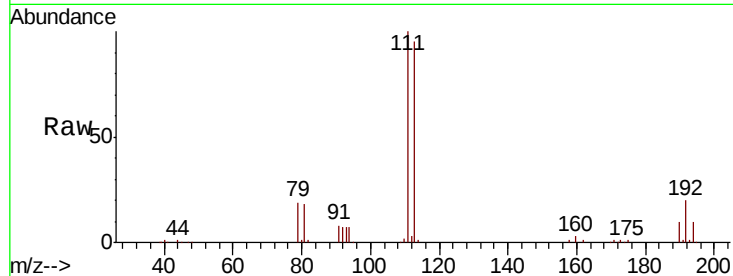




#35
 Dibromofluoromethane
 Concen: 47.835 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

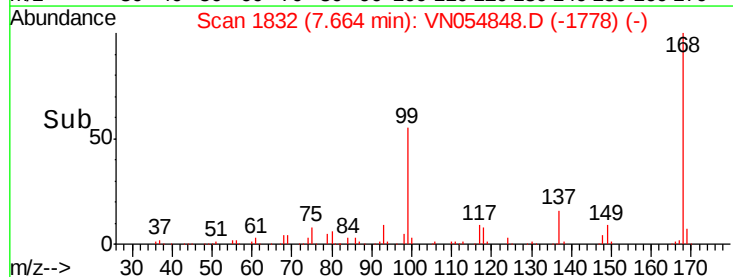
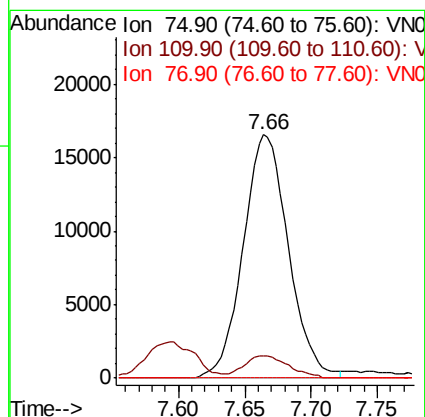
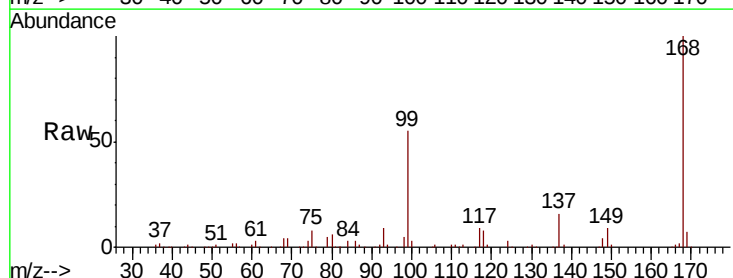
Instrument :
 MSVOA_N
 ClientSampleId :

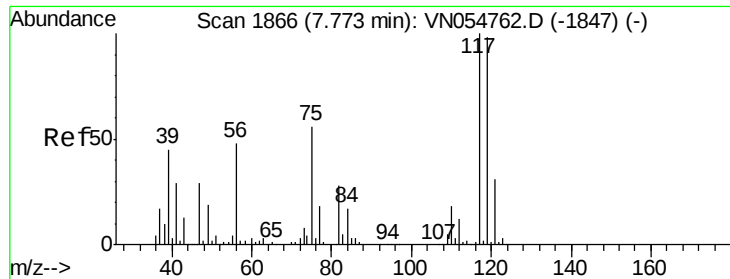
Tot Ion:113 Resp: 273821
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 20.9 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.904 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 75 Resp: 39235
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.5#
 77 0.0 25.0 37.4#

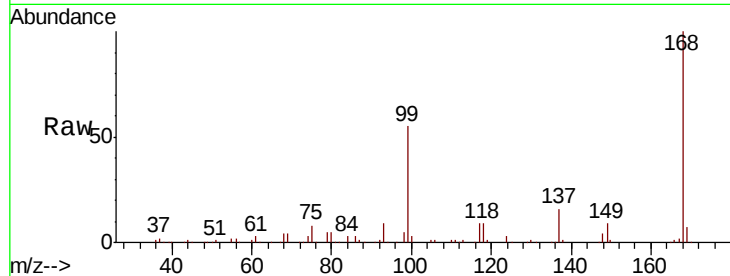




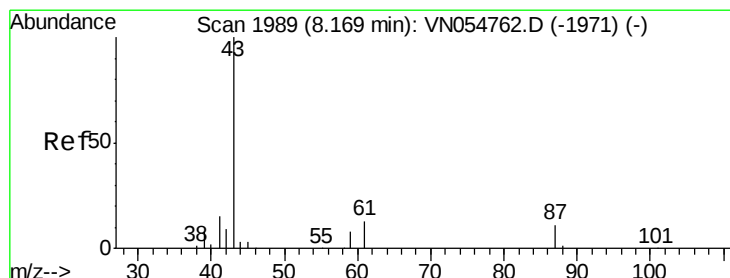
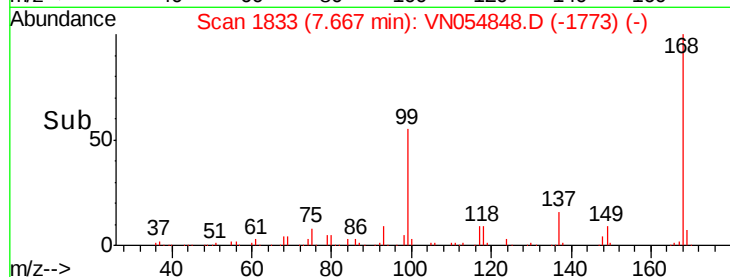
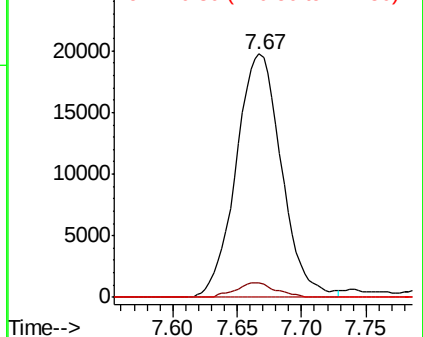
#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 48400
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 24.6 36.8#

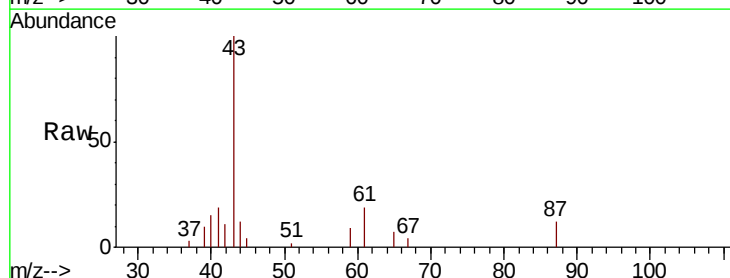


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

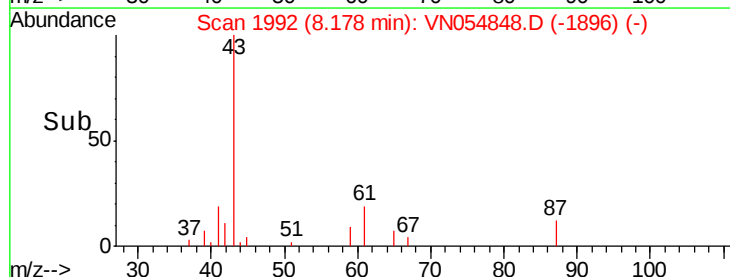
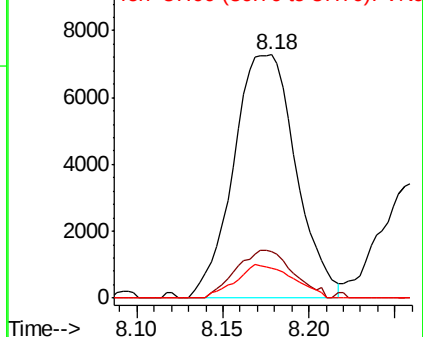


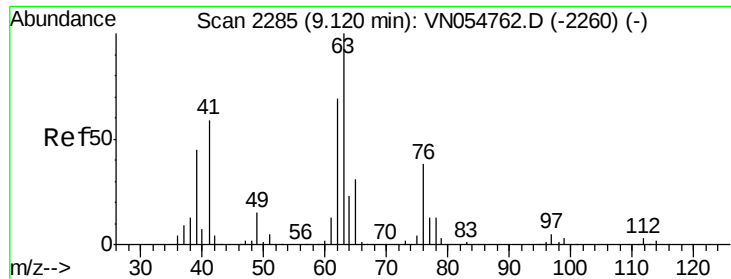
#43
Isopropyl Acetate
Concen: 1.927 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Tgt Ion: 43 Resp: 18366
Ion Ratio Lower Upper
43 100
61 17.9 15.8 23.8
87 12.6 12.0 18.0



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

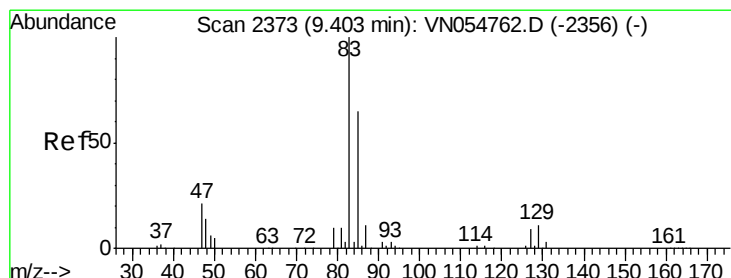
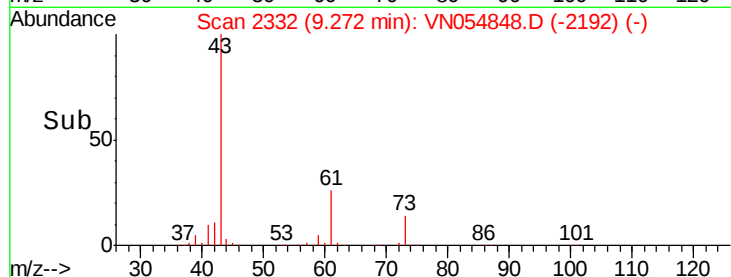
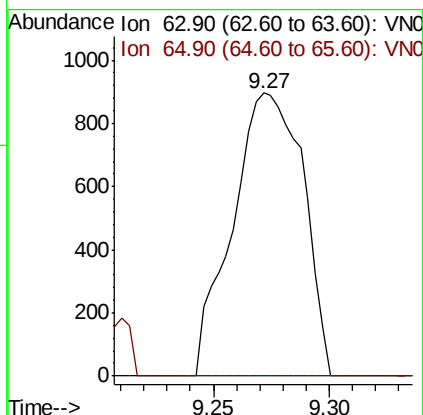
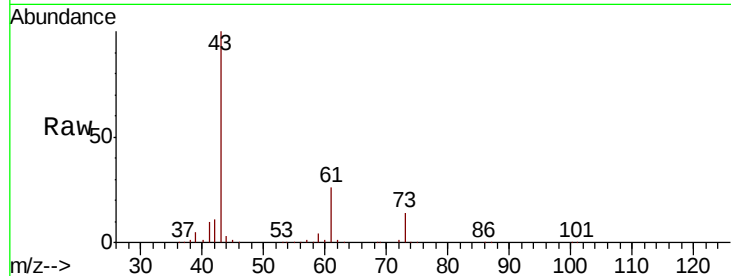




#45
 1,2-Dichloropropane
 Concen: 0.292 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

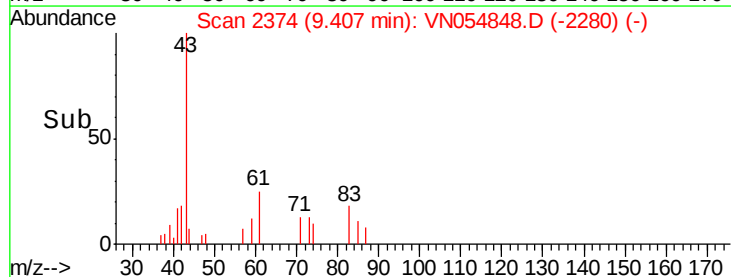
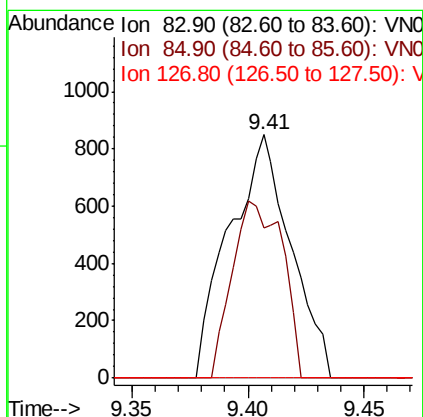
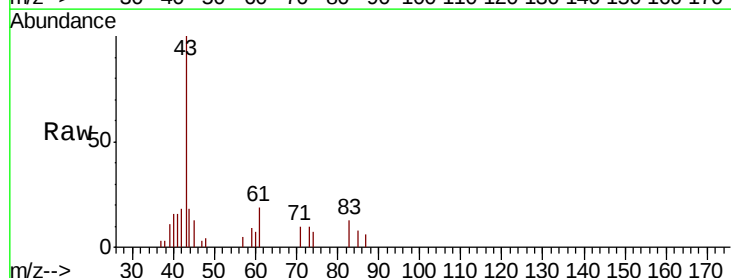
Instrument :
 MSVOA_N
 ClientSampleId :

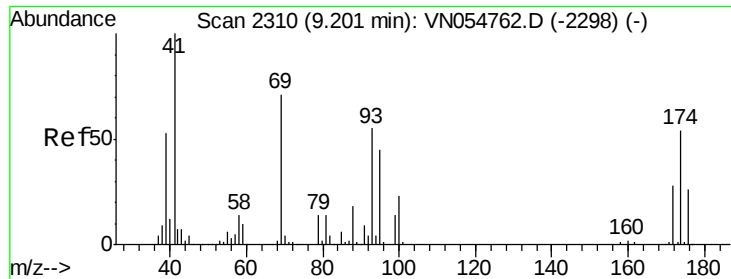
Tot Ion: 63 Resp: 1907
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#47
 Bromodichloromethane
 Concen: 0.205 ug/l
 RT: 9.41 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 83 Resp: 1566
 Ion Ratio Lower Upper
 83 100
 85 61.8 52.8 79.2
 127 0.0 7.4 11.2#

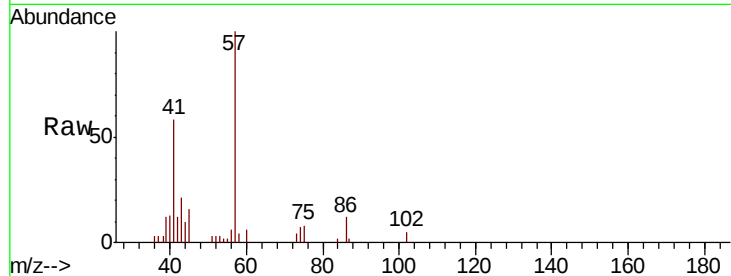




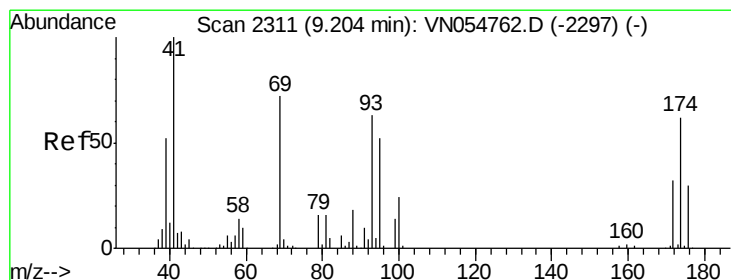
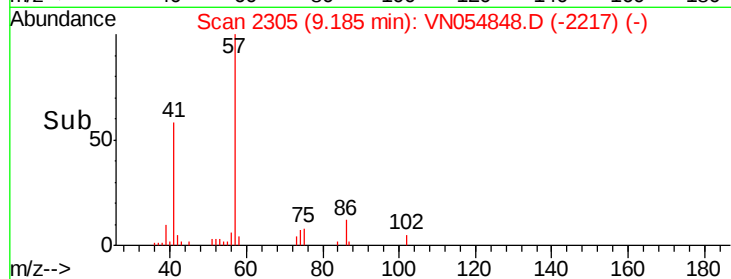
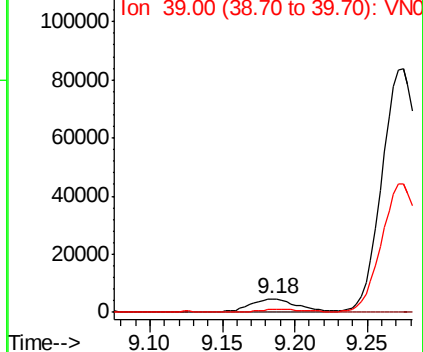
#48
Methvl methacrylate
Concen: 2.127 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 10990
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

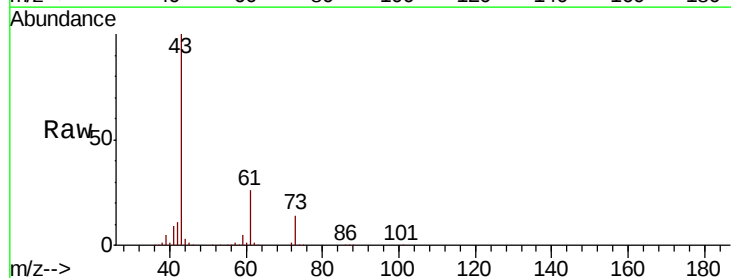


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

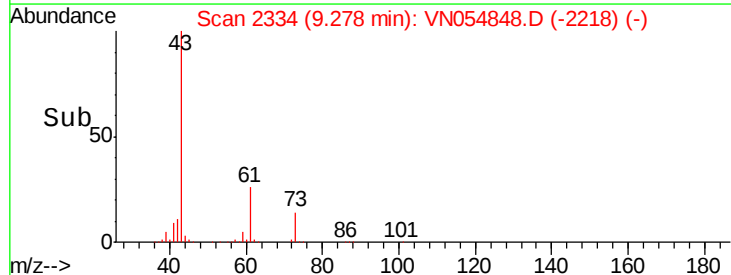
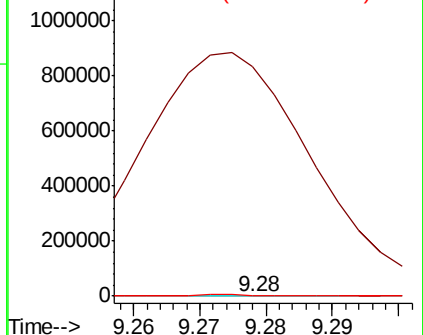


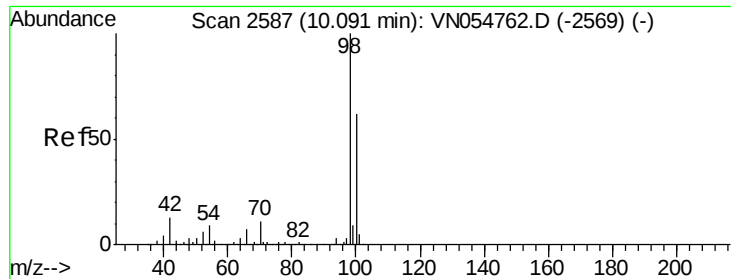
#49
1,4-Dioxane
Concen: 2.574 ug/l
RT: 9.28 min Scan# 2334
Delta R.T. 0.07 min
Lab File: VN054848.D
Acq: 31 Mar 2019 14:12

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 1319828.8 24.1 36.1#
58 6102.3 50.8 76.2#



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





#50

Toluene-d8

Concen: 48.426 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

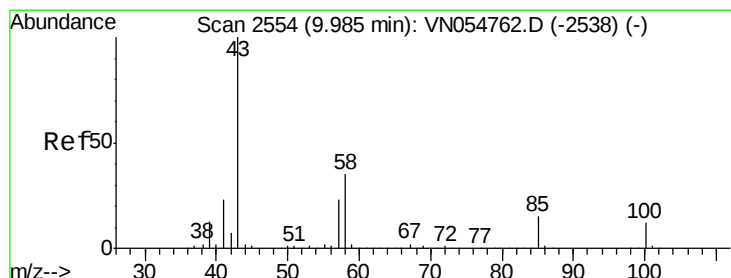
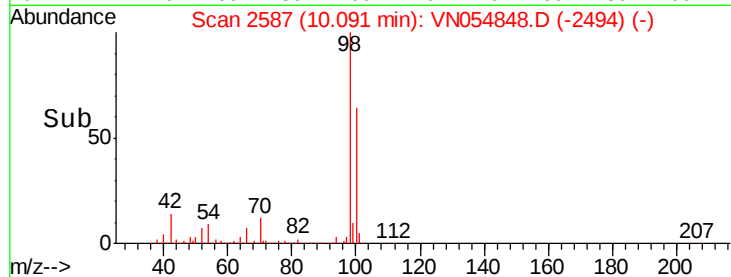
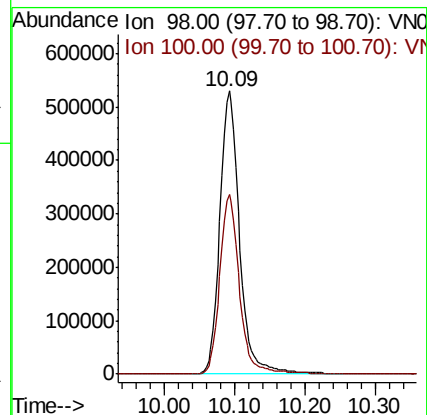
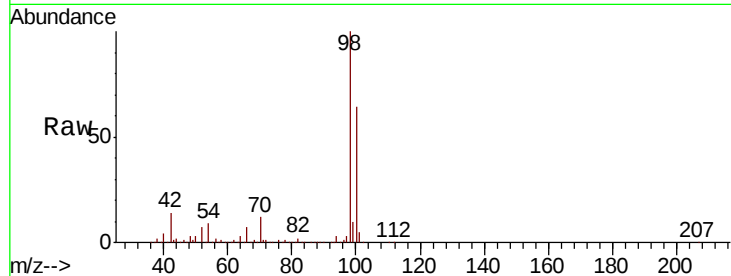
ClientSampleId :

Tot Ion: 98 Resp: 1030571

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.850 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054848.D

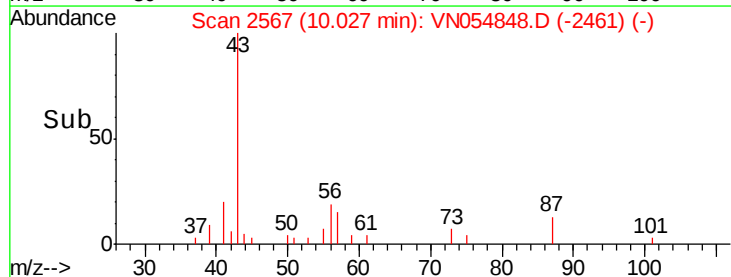
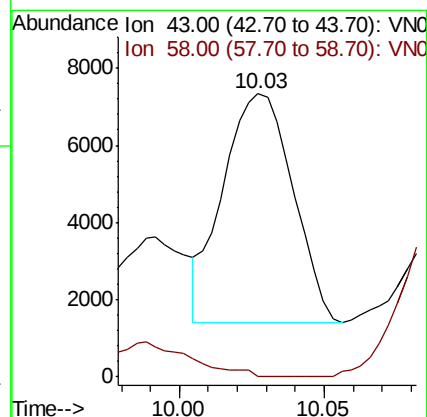
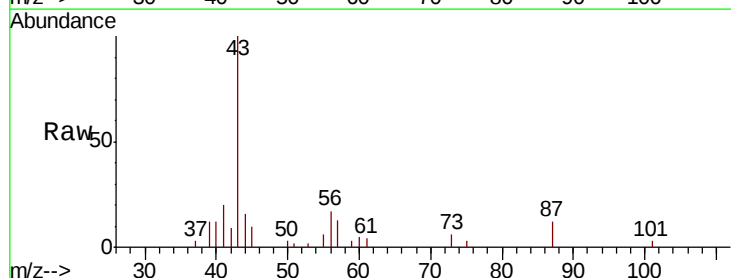
Acq: 31 Mar 2019 14:12

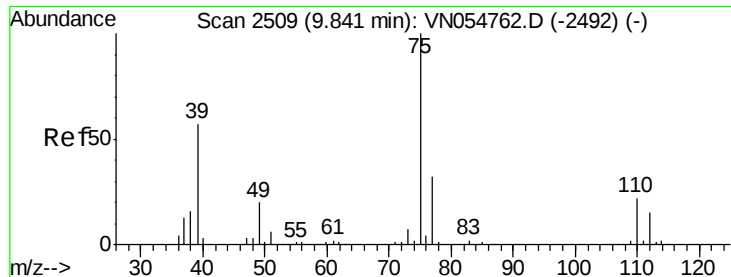
Tgt Ion: 43 Resp: 9913

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



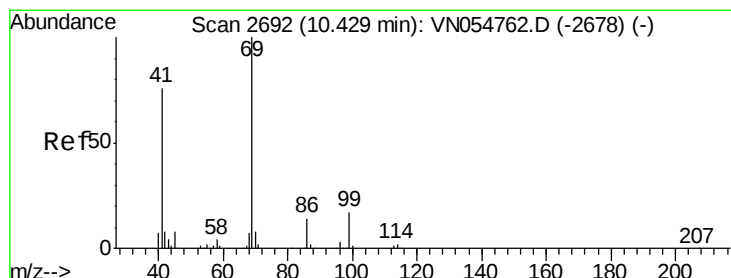
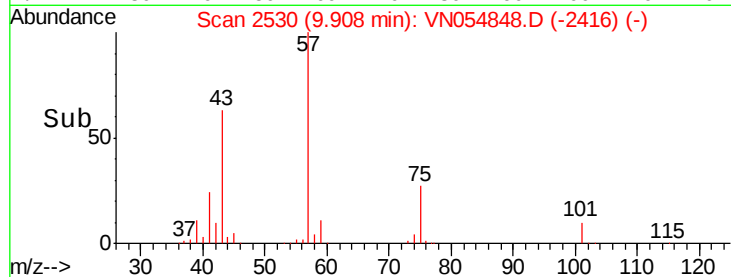
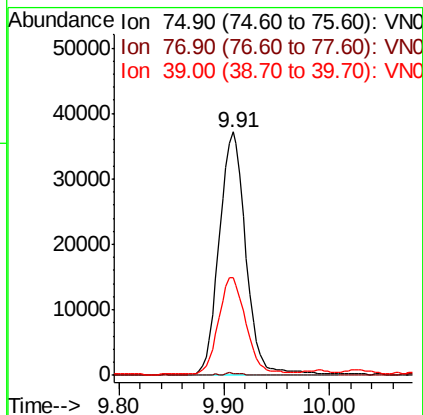
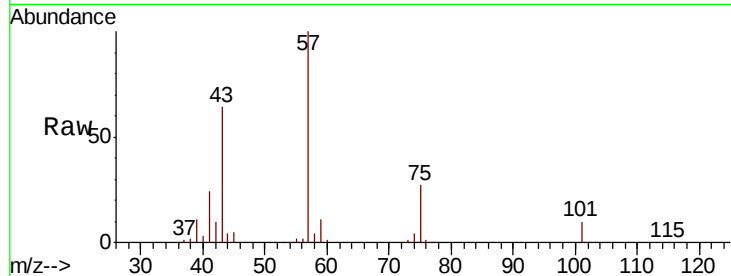


#54

cis-1,3-Dichloropropene
 Concen: 7.637 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Instrument :
 MSVOA_N
 ClientSampled :

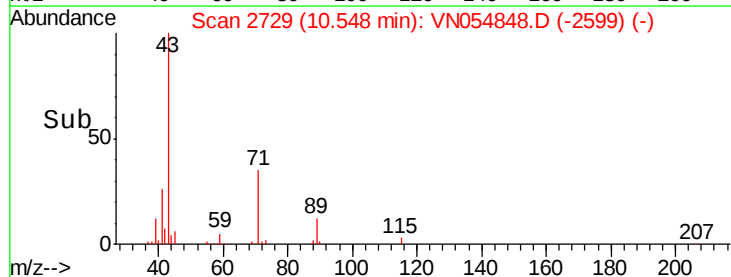
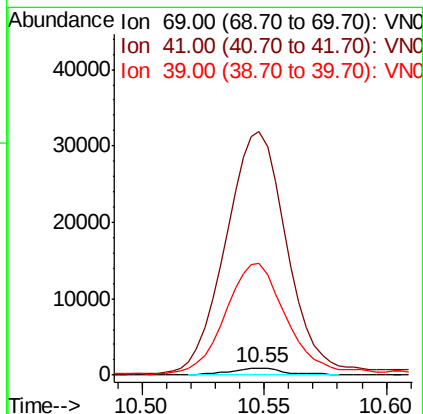
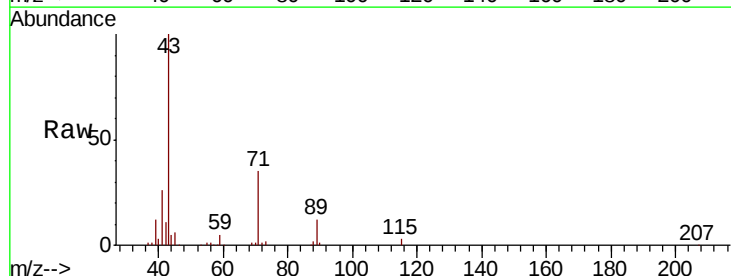
Tot Ion: 75 Resp: 65488
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.4 38.0#
 39 39.7 37.2 55.8

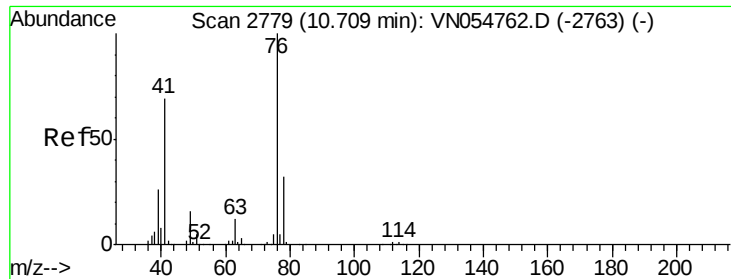


#56

Ethyl methacrylate
 Concen: 0.209 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.12 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 69 Resp: 1391
 Ion Ratio Lower Upper
 69 100
 41 4075.8 49.4 74.2#
 39 1873.7 28.3 42.5#





#57

1,3-Dichloropropane

Concen: 1.476 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

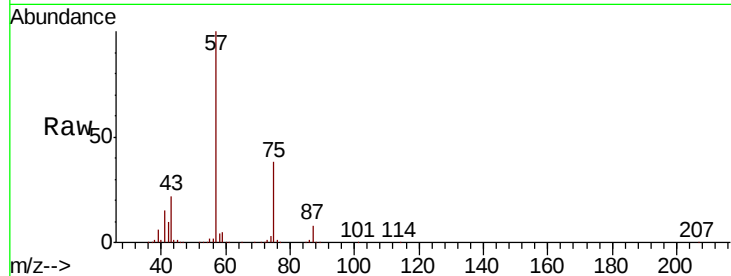
ClientSampleId :

Tot Ion: 76 Resp: 12849

Ion Ratio Lower Upper

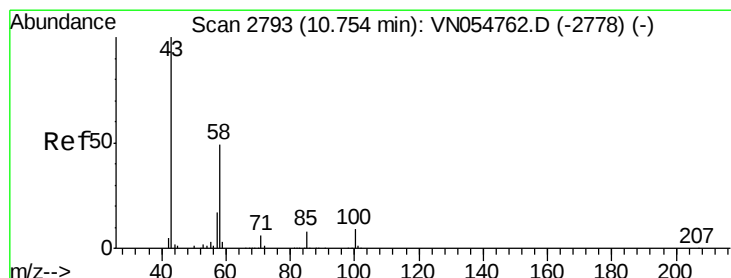
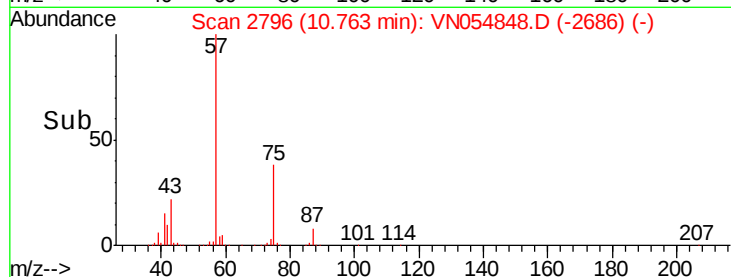
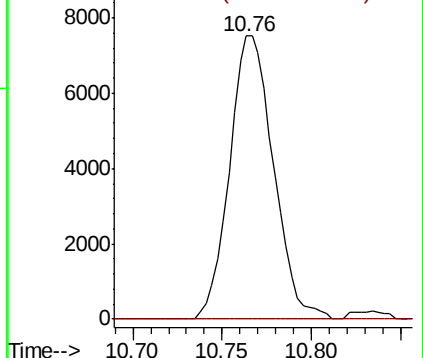
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#59

2-Hexanone

Concen: 60.231 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054848.D

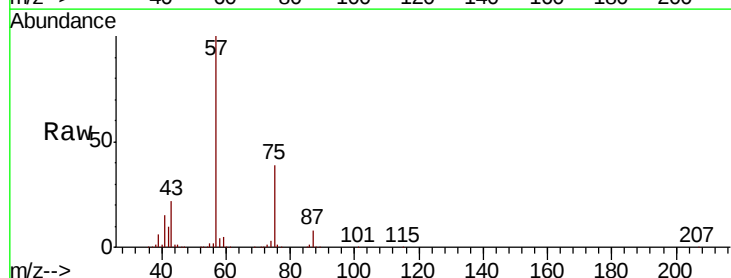
Acq: 31 Mar 2019 14:12

Tgt Ion: 43 Resp: 206657

Ion Ratio Lower Upper

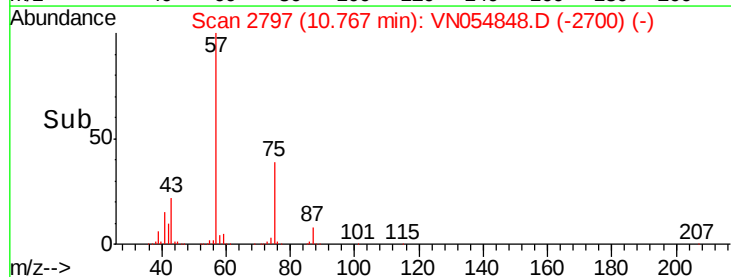
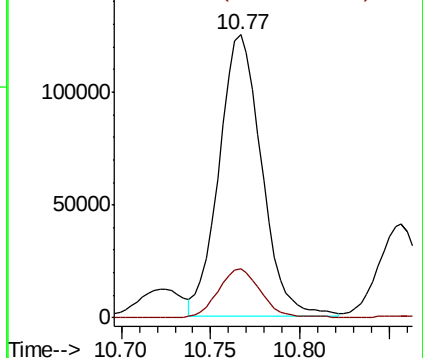
43 100

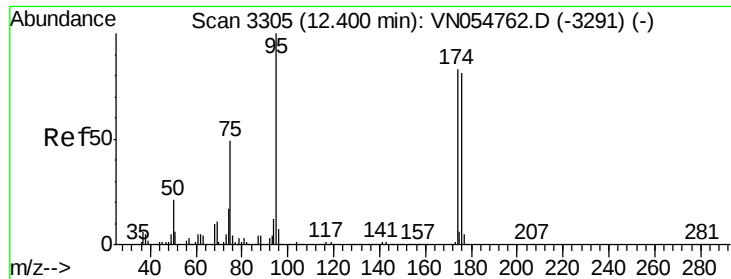
58 17.8 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC





#62

4-Bromofluorobenzene

Concen: 45.152 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

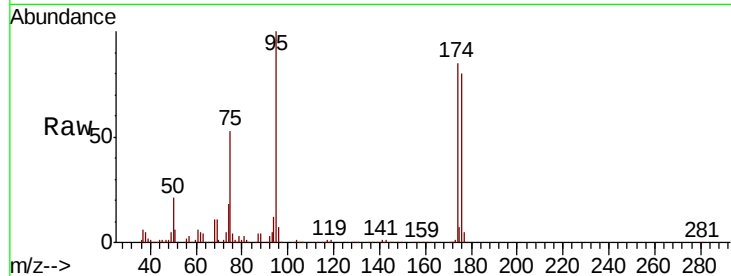
Tot Ion: 95 Resp: 319569

Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

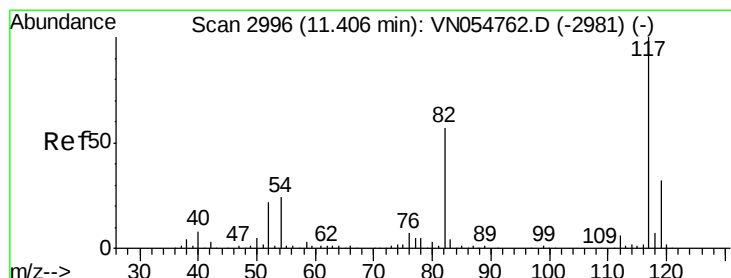
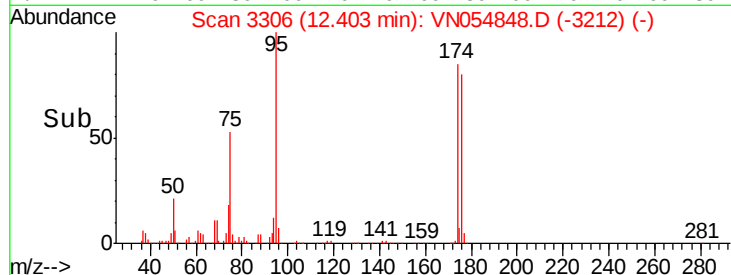
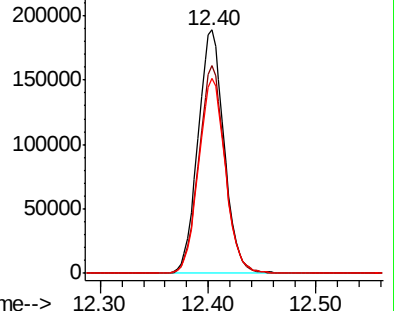
176 81.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

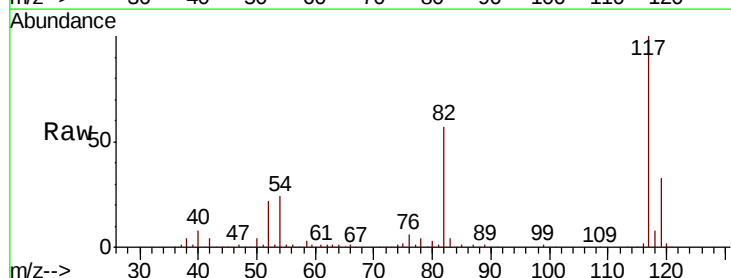
Tgt Ion: 117 Resp: 735629

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

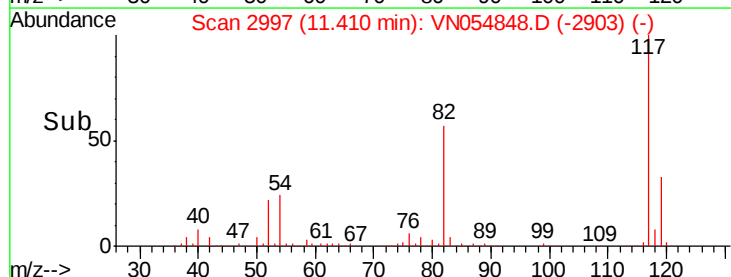
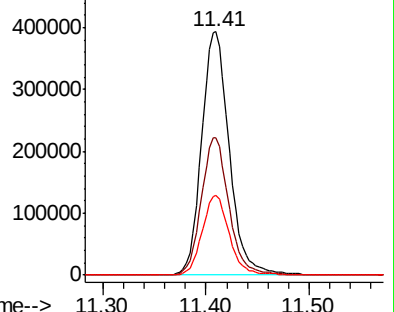
119 32.9 25.8 38.6

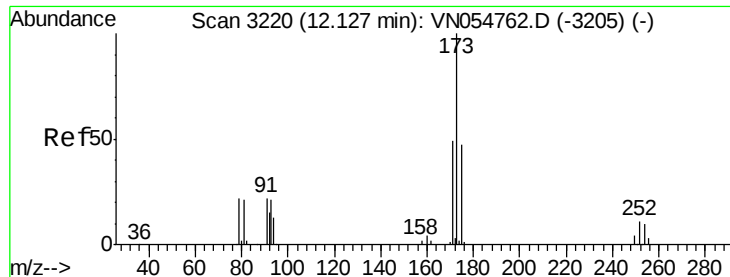


Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054762.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054762.D (-2981) (-)





#71

Bromoform

Concen: 1.153 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

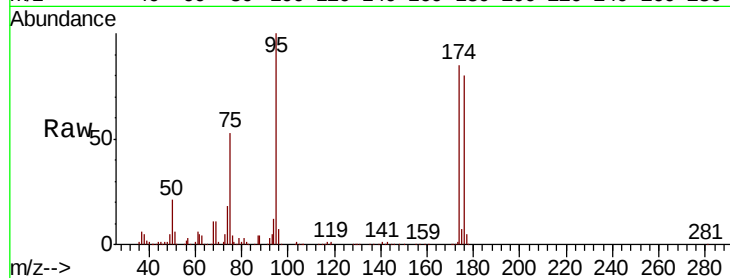
Tot Ion:173 Resp: 3641

Ion Ratio Lower Upper

173 100

175 484.5 24.4 73.2#

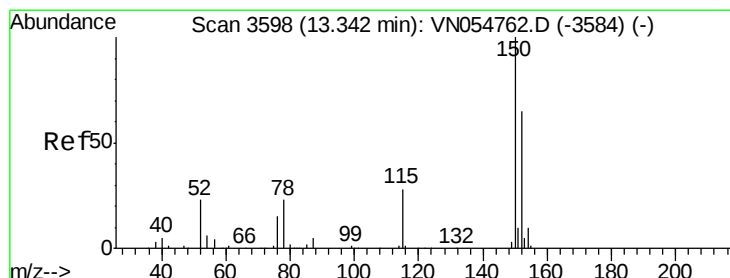
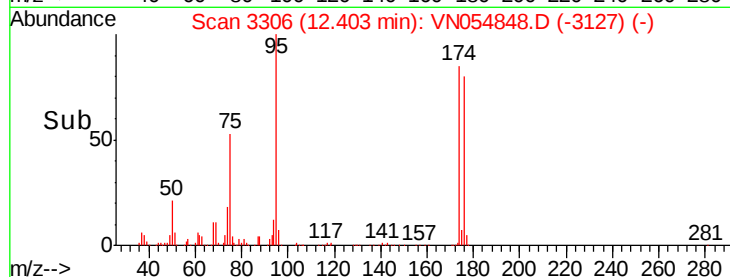
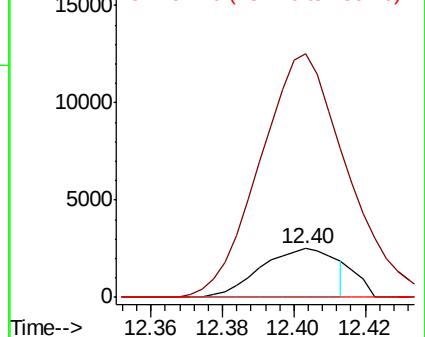
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

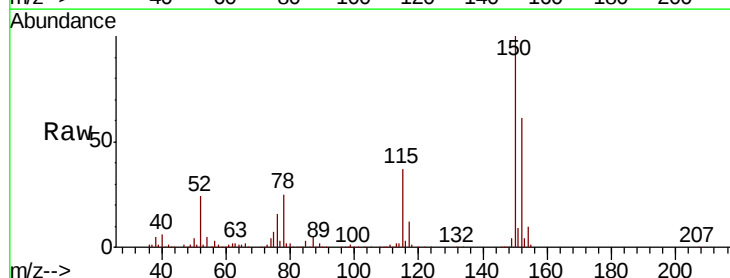
Tgt Ion:152 Resp: 273136

Ion Ratio Lower Upper

152 100

115 59.7 27.2 81.6

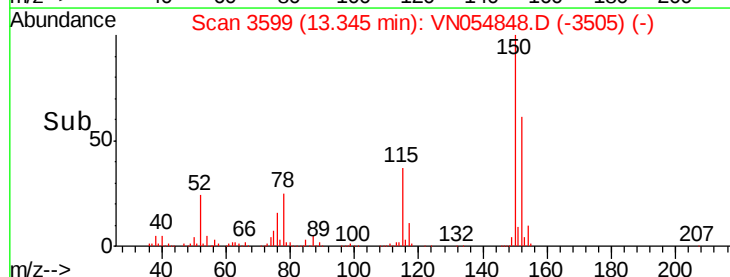
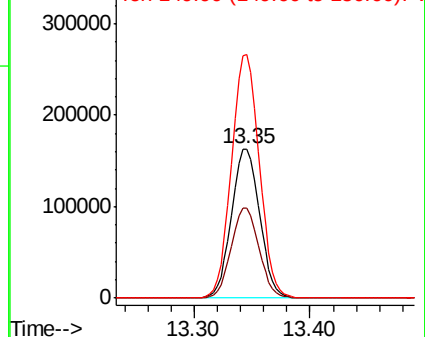
150 160.9 0.0 349.2

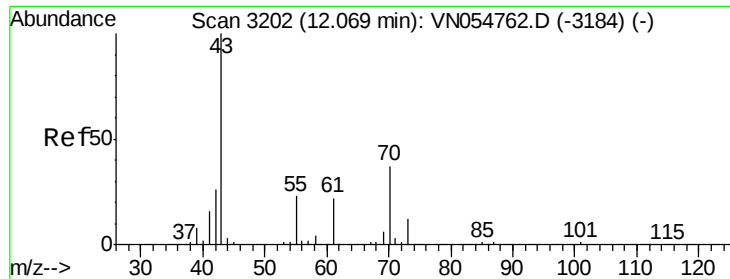


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.945 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 20480

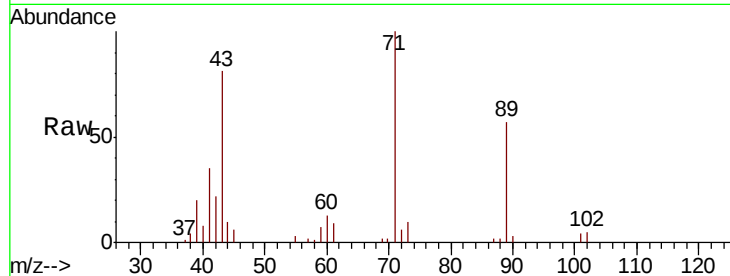
Ion Ratio Lower Upper

43 100

70 2.1 35.4 53.0#

55 5.2 19.8 29.6#

61 10.7 19.8 29.6#



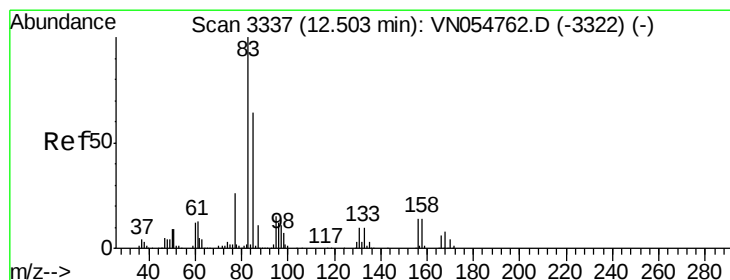
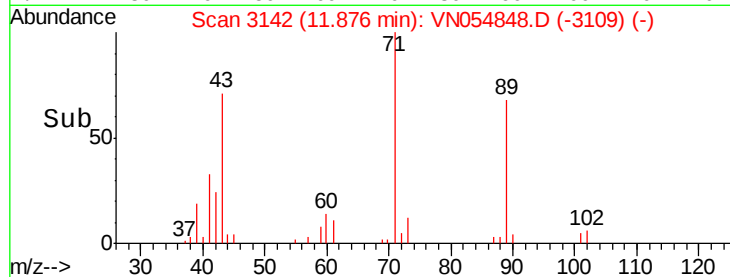
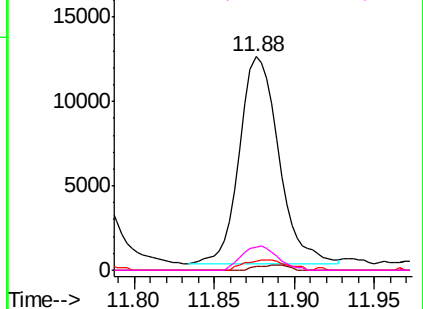
Abundance

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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

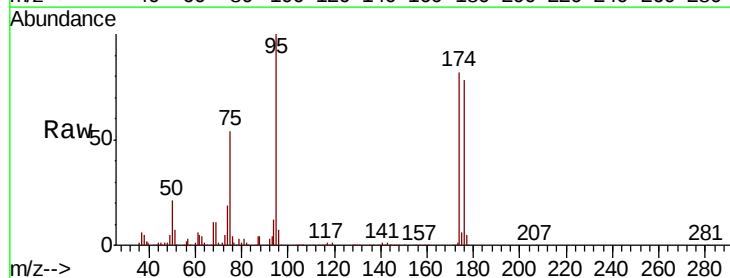
Tgt Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

131 230.6 5.8 17.4#

85 0.0 32.2 96.6#

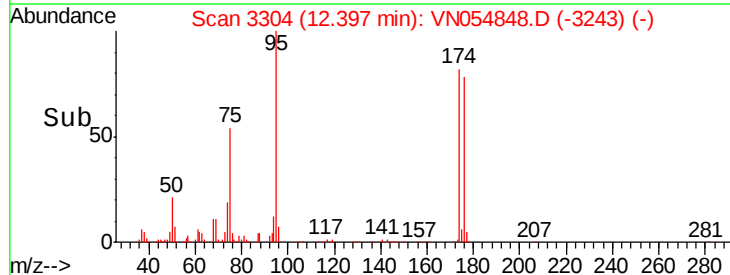
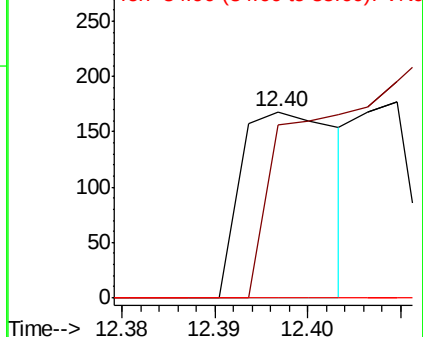


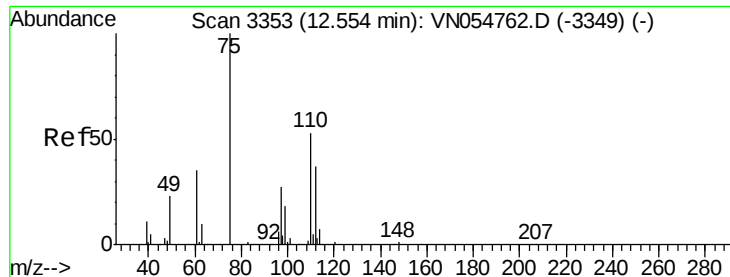
Abundance

Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 36.035 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

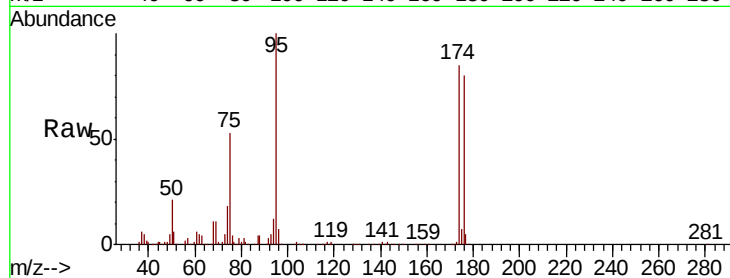
ClientSampled :

Tot Ion: 75 Resp: 170987

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN054762.D (-3349) (-)

12.40

100000

80000

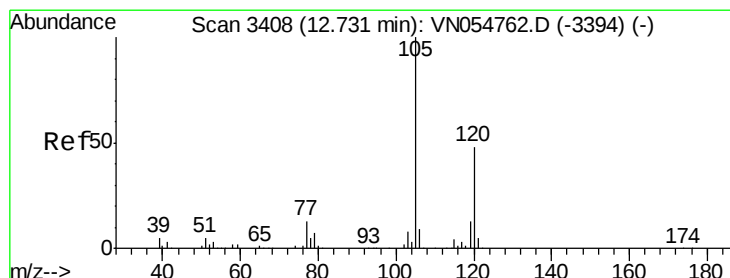
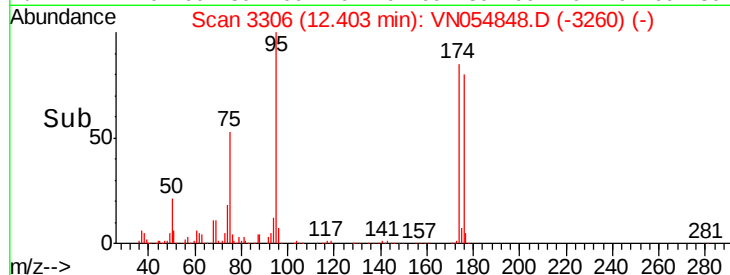
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.419 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054848.D

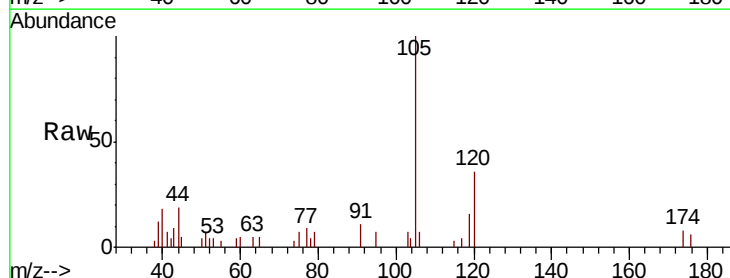
Acq: 31 Mar 2019 14:12

Tgt Ion: 105 Resp: 7676

Ion Ratio Lower Upper

105 100

120 41.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)

12.73

5000

4000

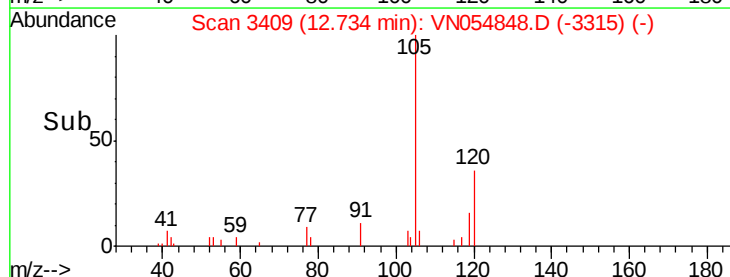
3000

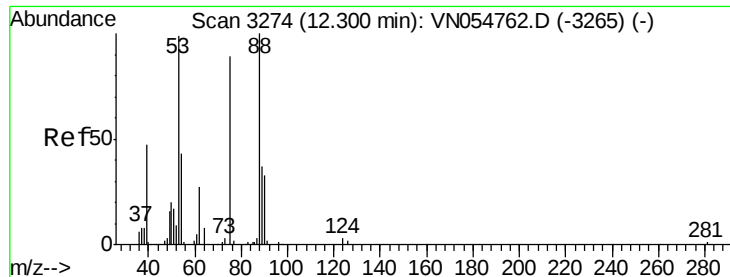
2000

1000

0

Time--> 12.70 12.75

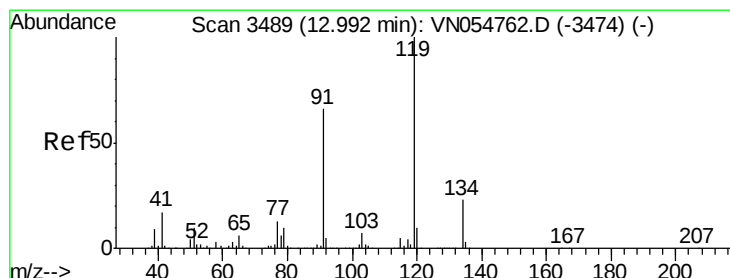
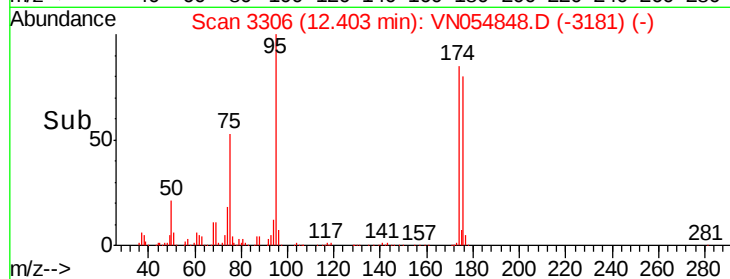
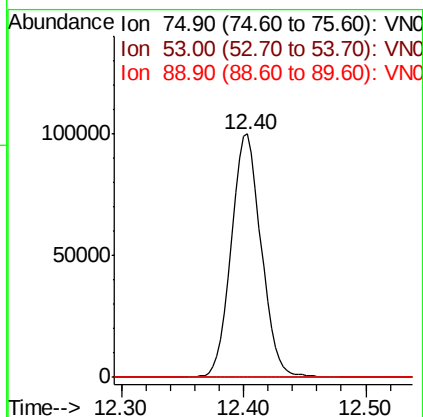
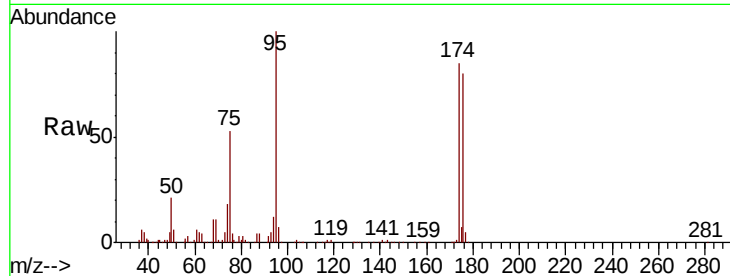




#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.168 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

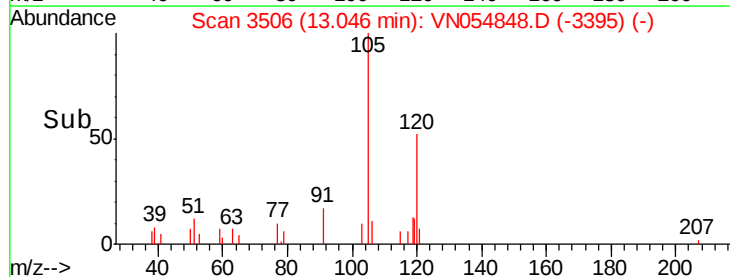
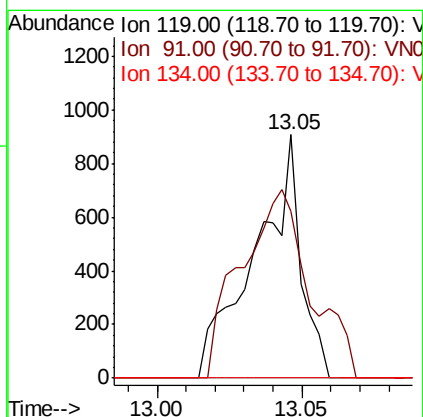
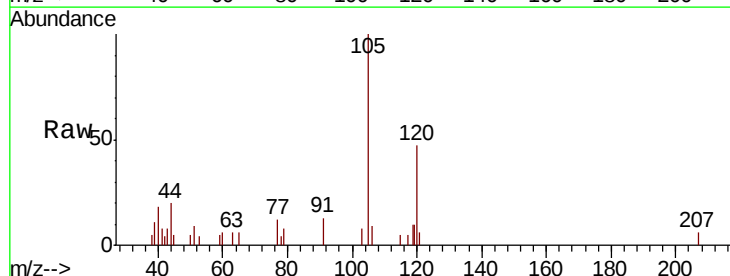
Instrument :
 MSVOA_N
 ClientSampled :

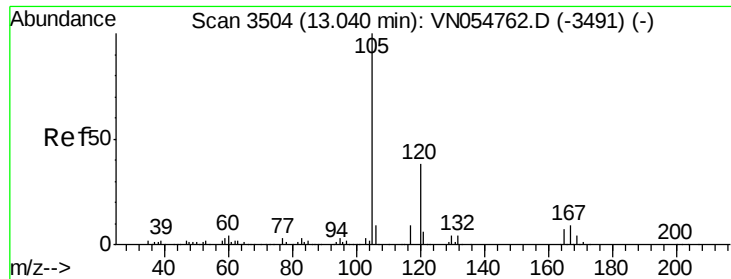
Tot Ion: 75 Resp: 170987
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.2 114.2#
 89 0.0 39.2 58.8#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.06 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 119 Resp: 990
 Ion Ratio Lower Upper
 119 100
 91 117.8 30.9 92.8#
 134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.484 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

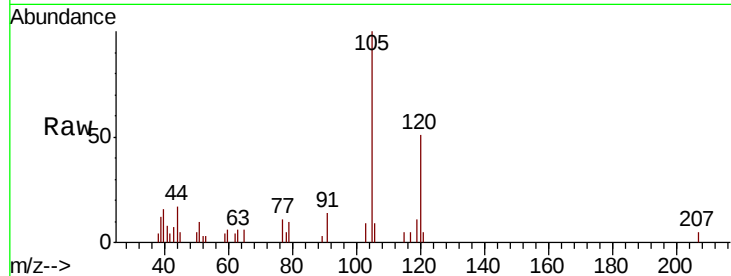
ClientSampleId :

Tot Ion:105 Resp: 8444

Ion Ratio Lower Upper

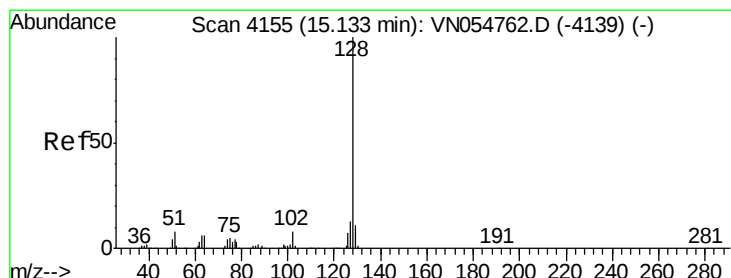
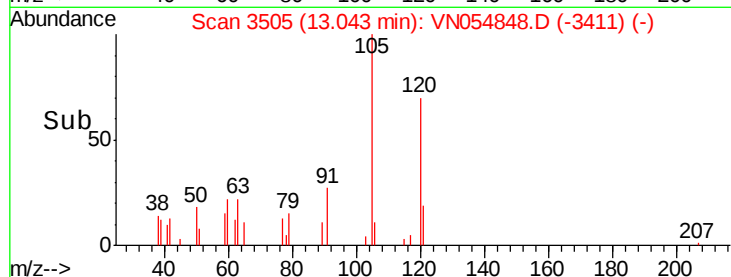
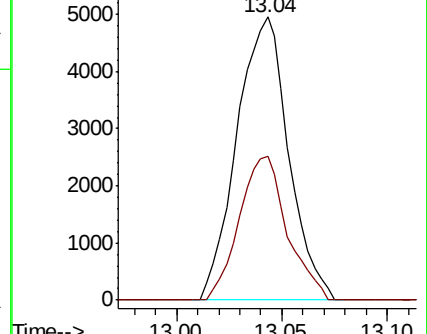
105 100

120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 8.891 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

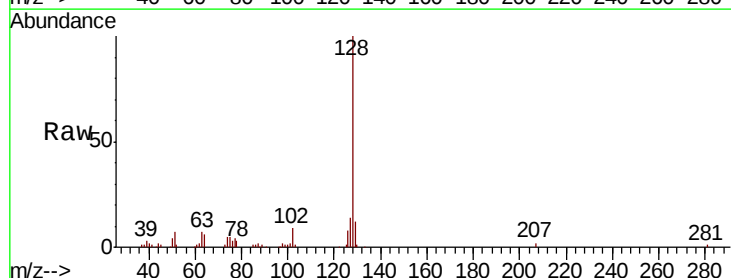
Tgt Ion:128 Resp: 87525

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.4 8.7 13.1



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

