

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054846.D
 Acq On : 31 Mar 2019 13:19
 Operator : JC/SP
 Sample : K1689-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:45:22 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

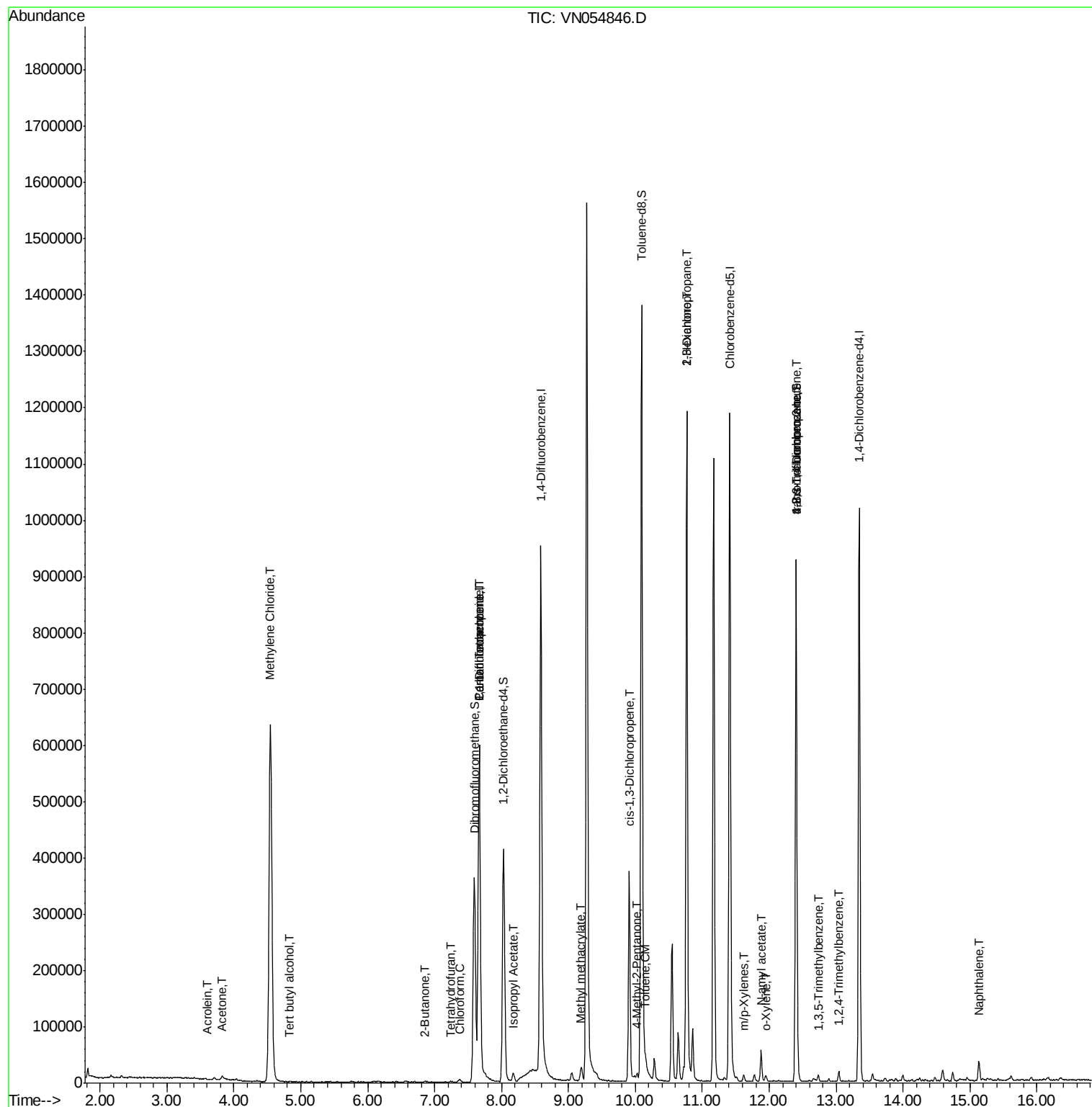
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	513142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	849305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	721457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354779	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.59	113	271275	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.09	98	1017384	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	312738	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	245	Below Cal	#	10
11) Tert butyl alcohol	4.83	59	115	0.319	ug/l #	70
13) Acrolein	3.60	56	320	0.993	ug/l	95
16) Acetone	3.82	43	9506	5.763	ug/l #	73
18) Methyl Acetate	4.33	43	1095	Below Cal		95
20) Methylene Chloride	4.54	84	445002	76.480	ug/l #	84
25) 2-Butanone	6.85	43	1372	0.563	ug/l	94
29) Tetrahydrofuran	7.24	42	893	0.527	ug/l #	68
30) Chloroform	7.38	83	5710	0.571	ug/l	85
31) Cyclohexane	7.67	56	11854	Below Cal	#	20
36) 1,1-Dichloropropene	7.66	75	37569	4.747	ug/l #	48
38) Carbon Tetrachloride	7.66	117	47983	6.242	ug/l #	16
43) Isopropyl Acetate	8.18	43	18475	1.959	ug/l #	91
48) Methyl methacrylate	9.18	41	9317	1.823	ug/l #	11
51) 4-Methyl-2-Pentanone	10.03	43	9941	1.875	ug/l #	36
52) Toluene	10.16	92	3780	0.281	ug/l	87
54) cis-1,3-Dichloropropene	9.91	75	60654	7.150	ug/l #	70
57) 1,3-Dichloropropane	10.77	76	11291	1.311	ug/l #	43
59) 2-Hexanone	10.77	43	195414	57.578	ug/l #	48
68) m/p-Xylenes	11.62	106	3579	0.379	ug/l	99
69) o-Xylene	11.95	106	2420	0.262	ug/l	86
74) N-amyl acetate	11.88	43	18347	2.681	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.43	83	60	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	164448	35.219	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4875	0.270	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	164448	136.992	ug/l #	11
83) tert-Butylbenzene	12.99	119	237	Below Cal	#	62
84) 1,2,4-Trimethylbenzene	13.04	105	10299	0.600	ug/l	93
95) Naphthalene	15.13	128	29778	3.074	ug/l	98

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

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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: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

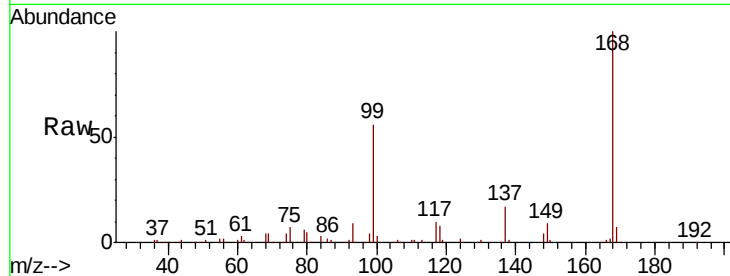
ClientSampleId :

Tot Ion:168 Resp: 513142

Ion Ratio Lower Upper

168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

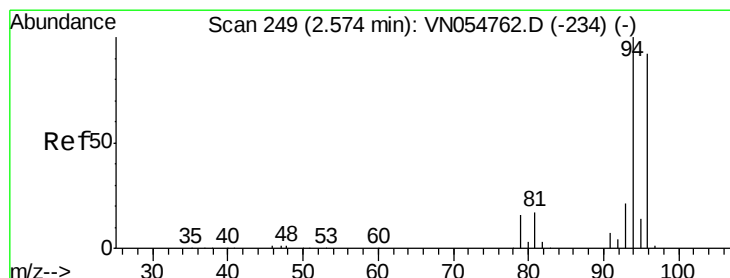
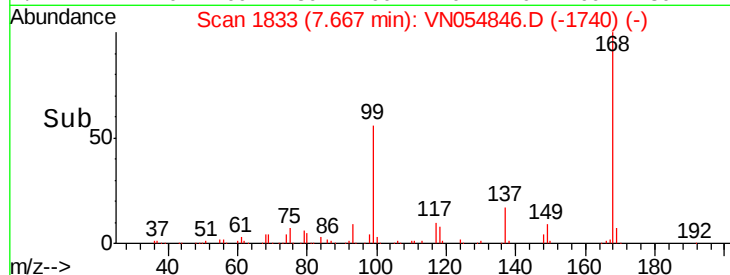
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054846.D

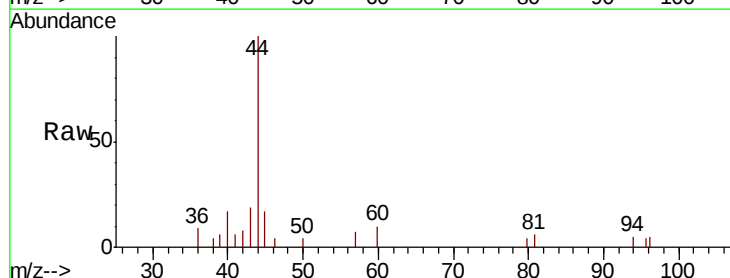
Acq: 31 Mar 2019 13:19

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

94 100

96 184.4 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

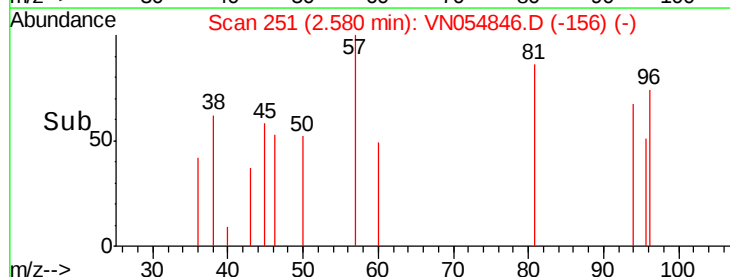
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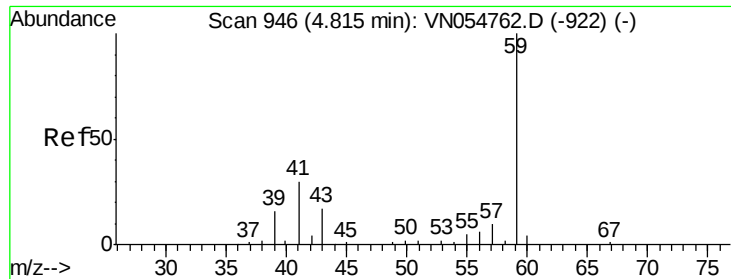
200

100

0

Time-->

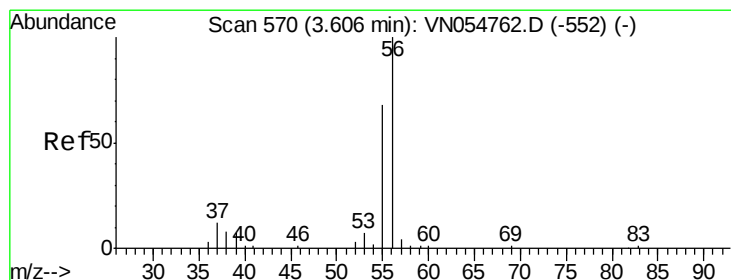
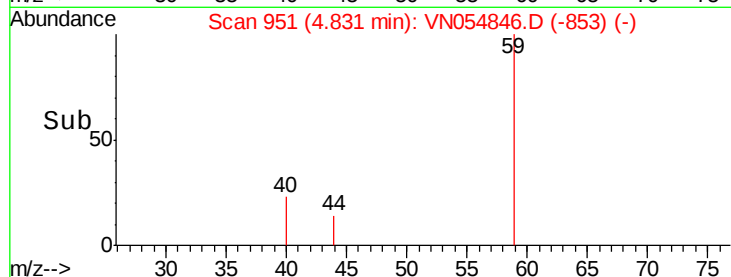
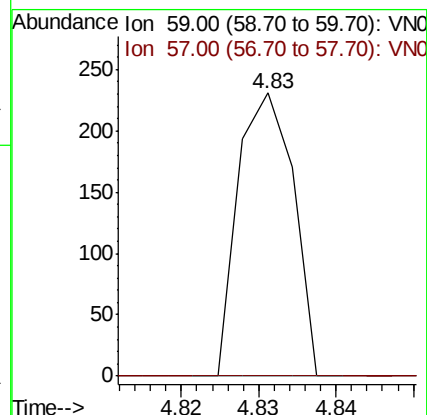
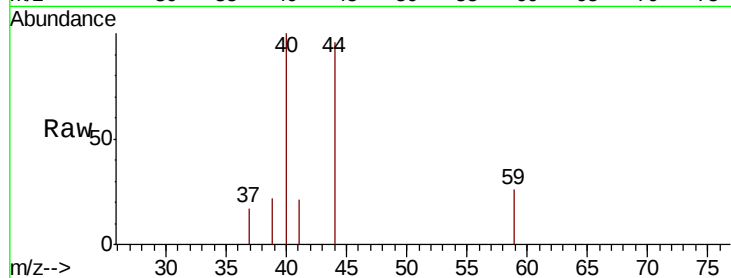




#11
Tert butyl alcohol
Concen: 0.319 ug/l
RT: 4.83 min Scan# 951
Delta R.T. 0.02 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

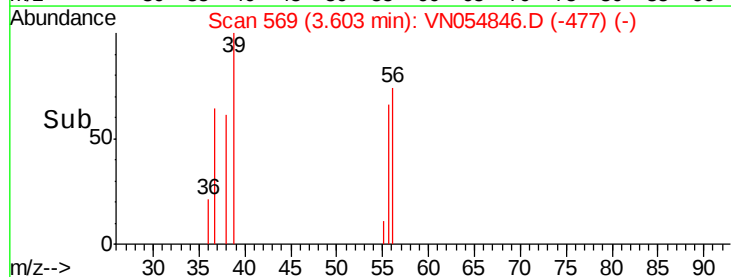
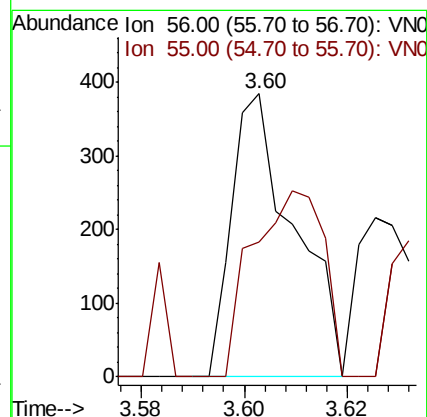
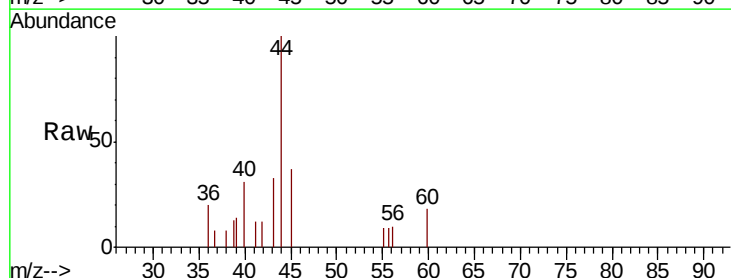
Instrument :
MSVOA_N
ClientSampled :

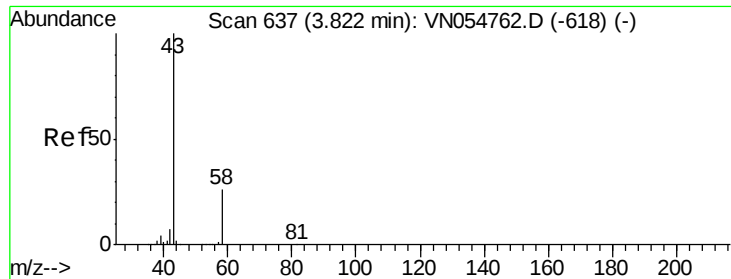
Tot Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.993 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 75.3 56.7 85.1

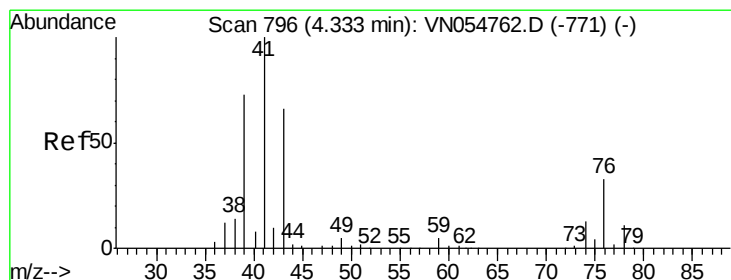
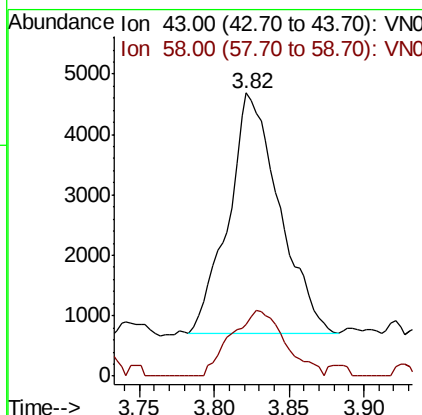
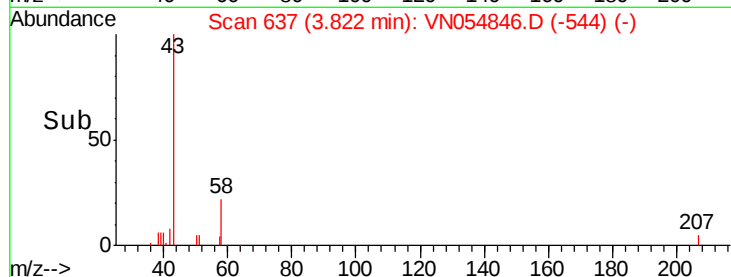
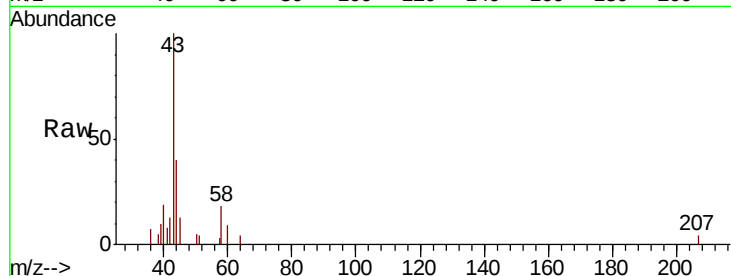




#16
Acetone
Concen: 5.763 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

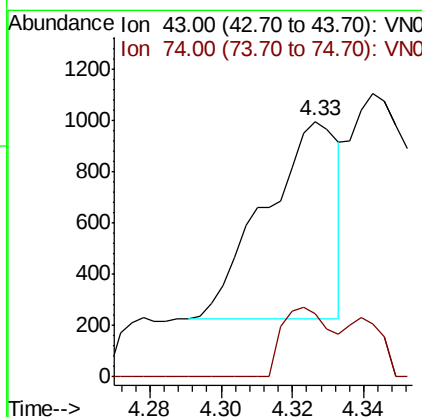
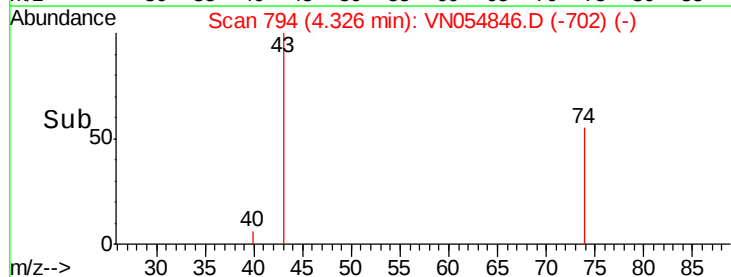
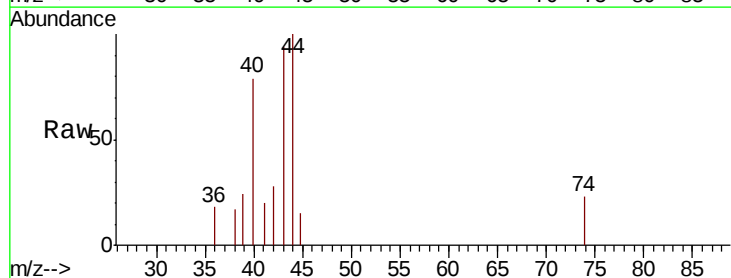
Instrument :
MSVOA_N
ClientSampled :

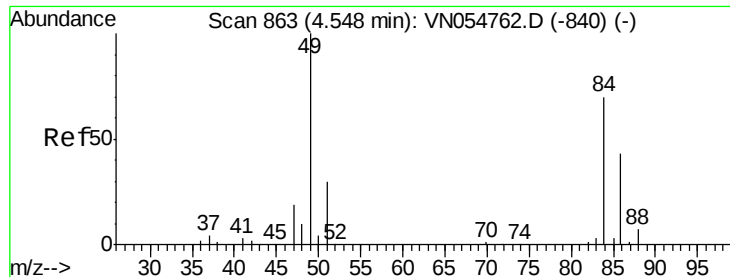
Tot Ion: 43 Resp: 9506
Ion Ratio Lower Upper
43 100
58 21.3 29.9 44.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. -0.01 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
74 23.3 20.8 31.2

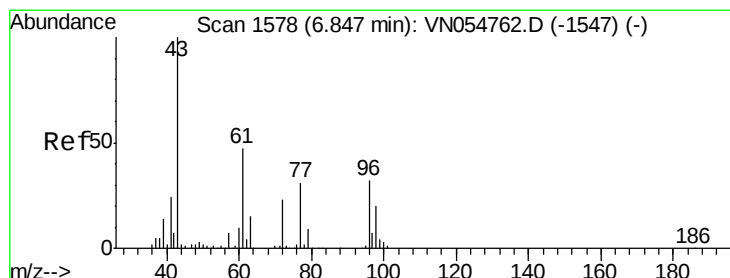
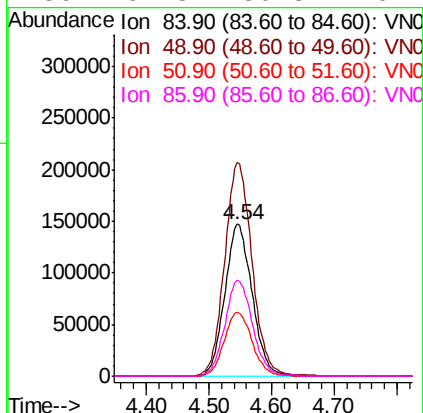
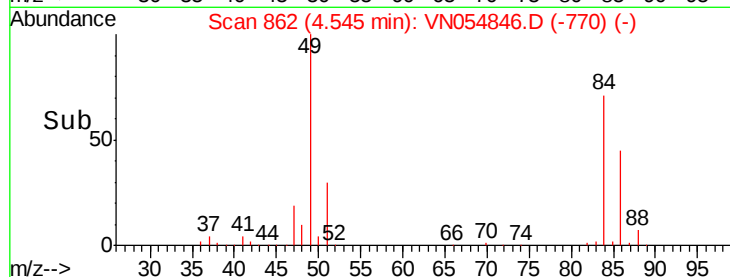
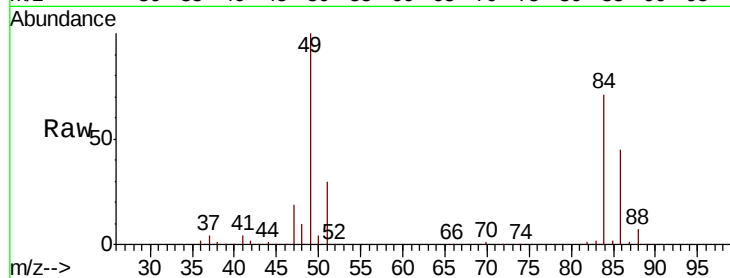




#20
Methylene Chloride
Concen: 76.480 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

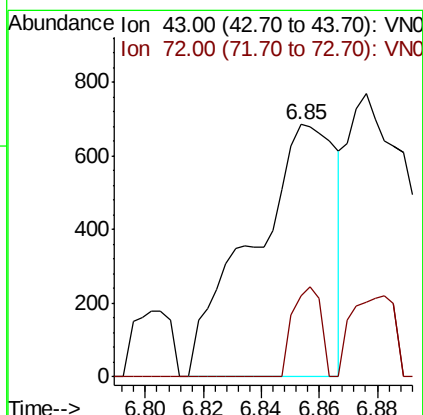
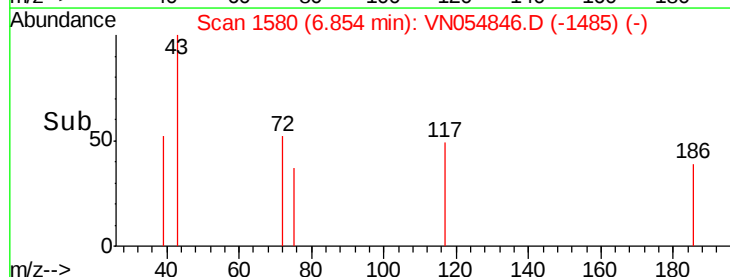
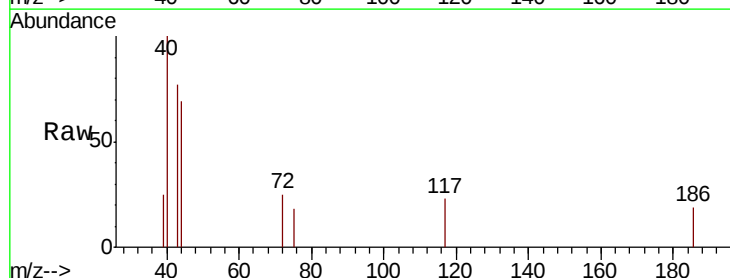
Instrument :
MSVOA_N
ClientSampled :

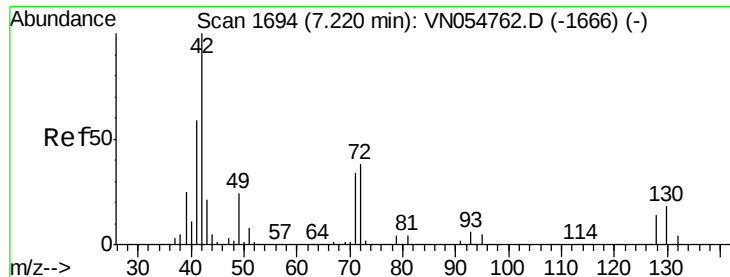
Tot Ion: 84 Resp: 445002
Ion Ratio Lower Upper
84 100
49 140.5 89.7 134.5#
51 42.0 28.2 42.4
86 62.8 50.8 76.2



#25
2-Butanone
Concen: 0.563 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
72 31.9 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.527 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

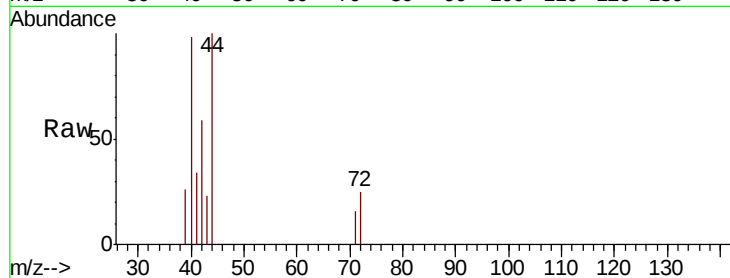
Tot Ion: 42 Resp: 893

Ion Ratio Lower Upper

42 100

72 37.5 37.8 56.6#

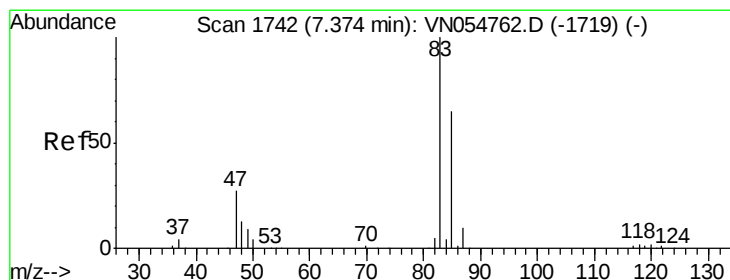
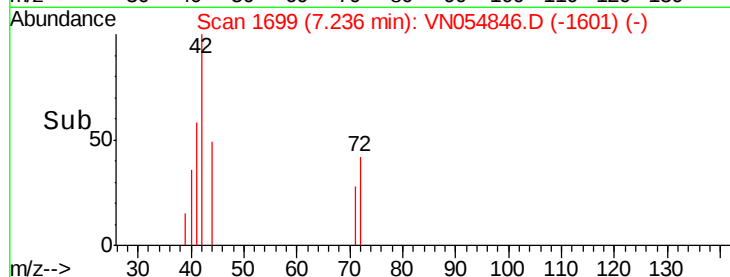
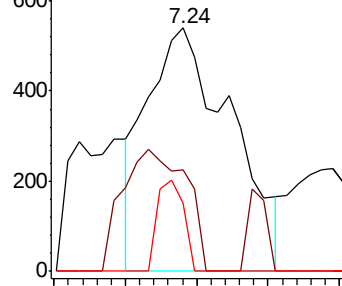
71 11.6 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 0.571 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN054846.D

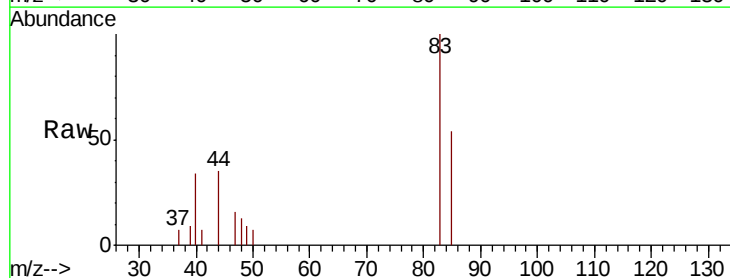
Acq: 31 Mar 2019 13:19

Tgt Ion: 83 Resp: 5710

Ion Ratio Lower Upper

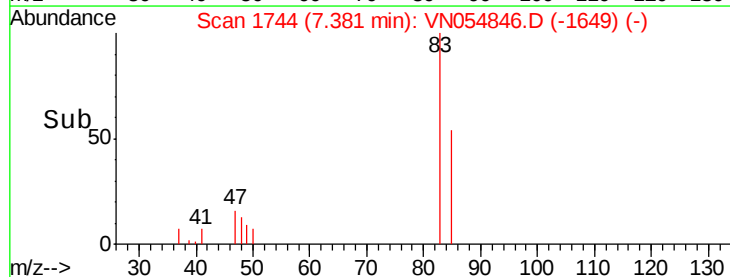
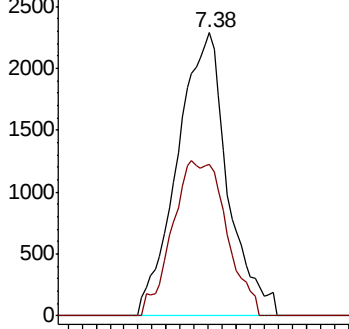
83 100

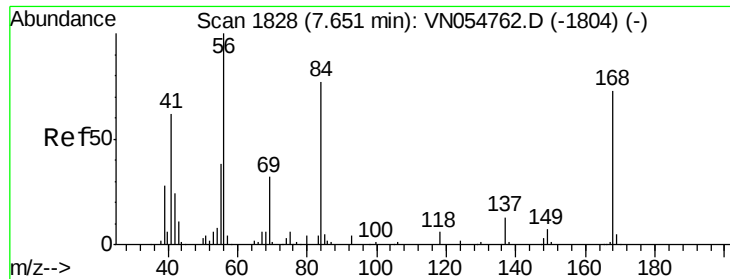
85 53.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

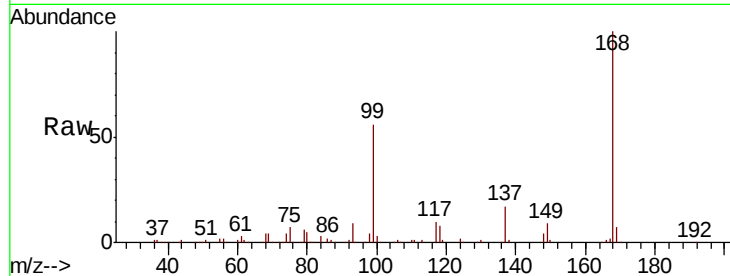




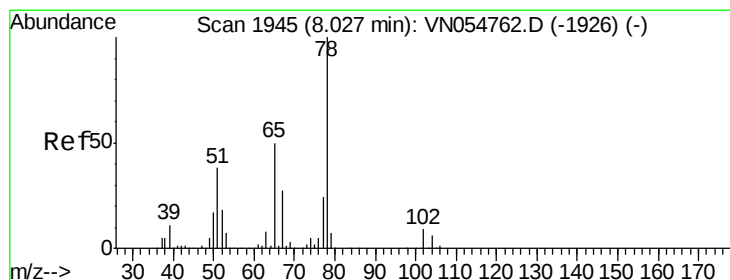
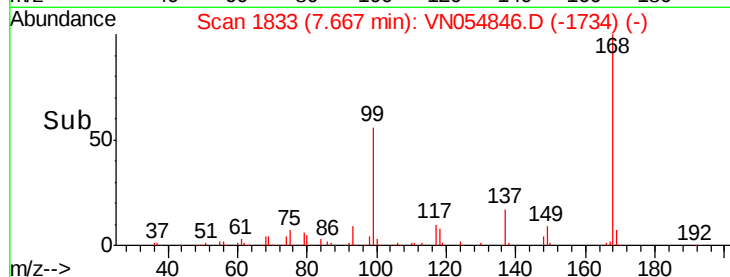
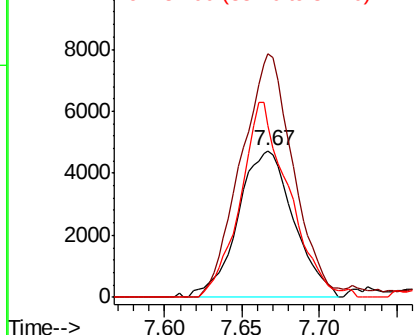
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11854
Ion Ratio Lower Upper
56 100
69 166.2 27.8 41.6#
84 117.2 74.6 111.8#

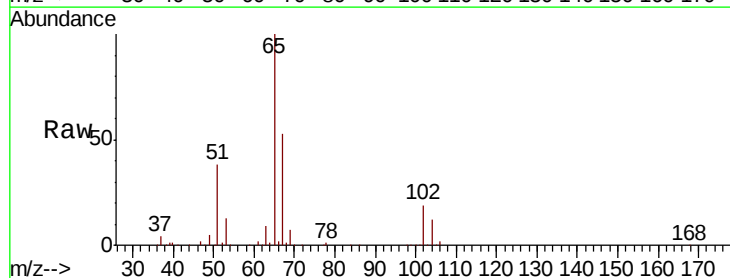


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

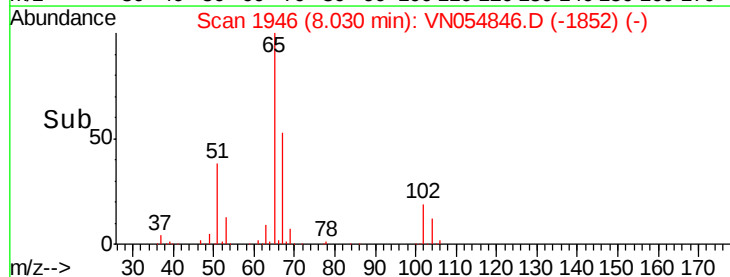
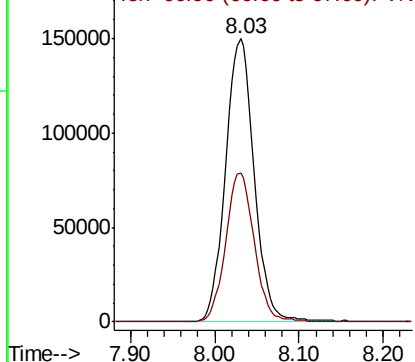


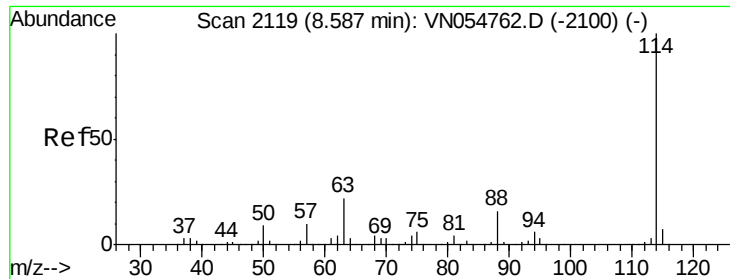
#33
1,2-Dichloroethane-d4
Concen: 51.289 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion: 65 Resp: 354779
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

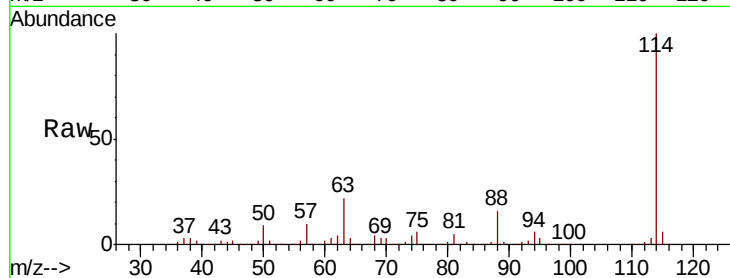




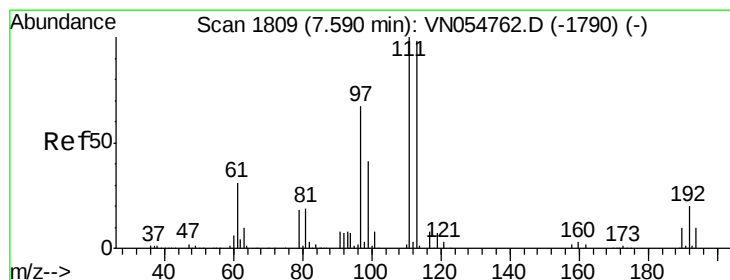
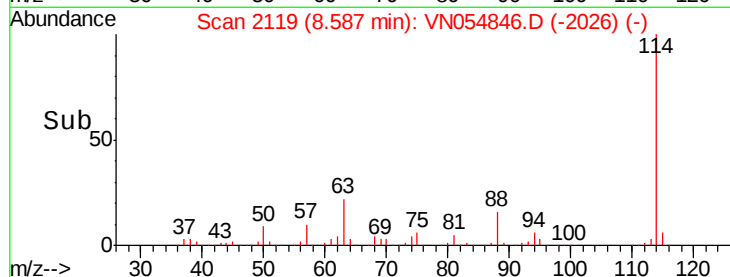
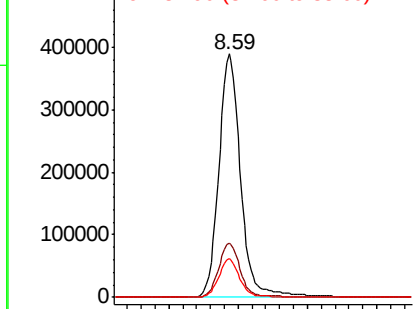
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 849305
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.8 0.0 30.2

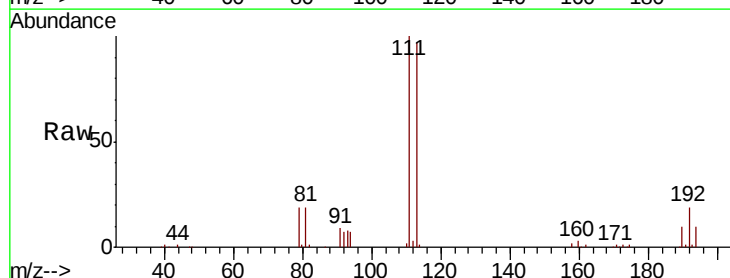


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

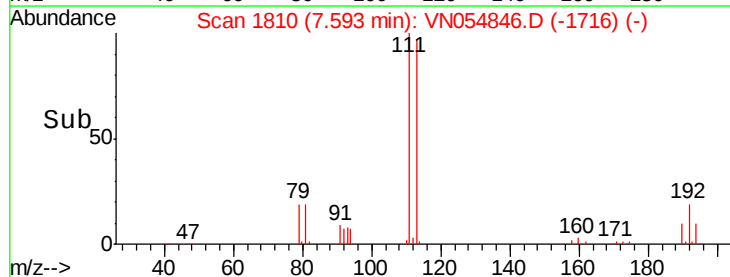
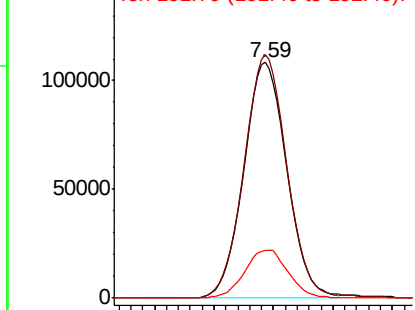


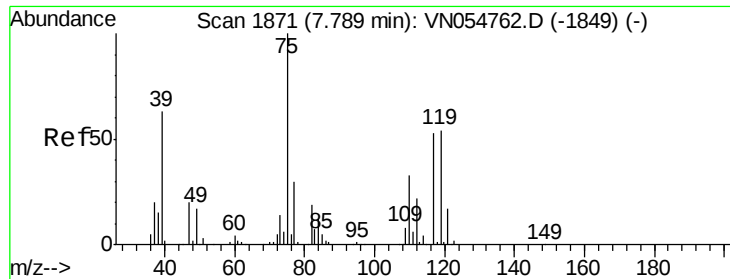
#35
 Dibromofluoromethane
 Concen: 47.910 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

Tgt Ion:113 Resp: 271275
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 20.7 19.2 28.8



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

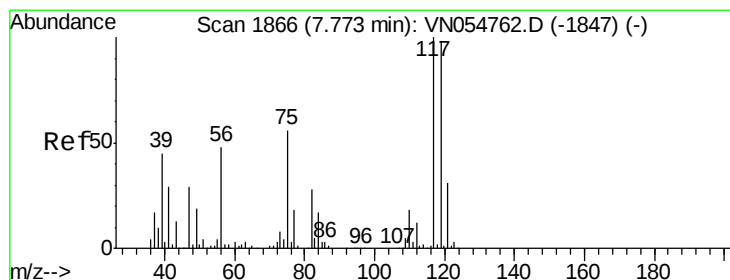
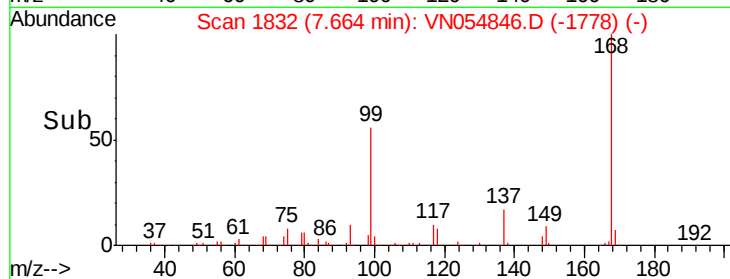
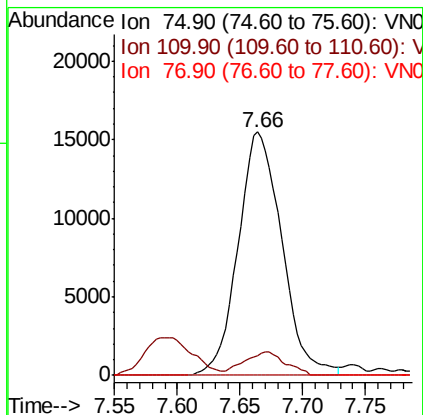
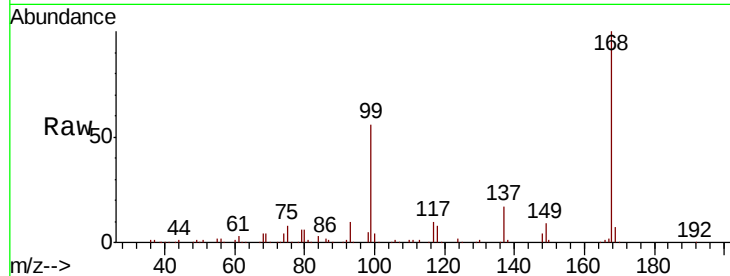




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

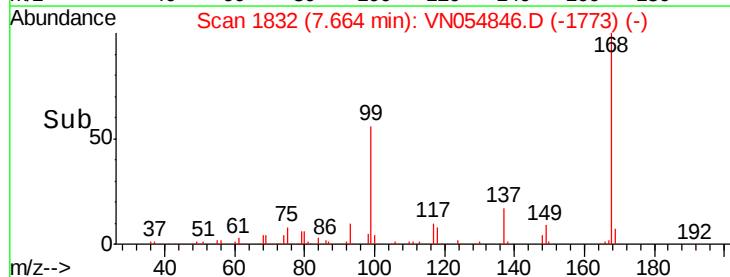
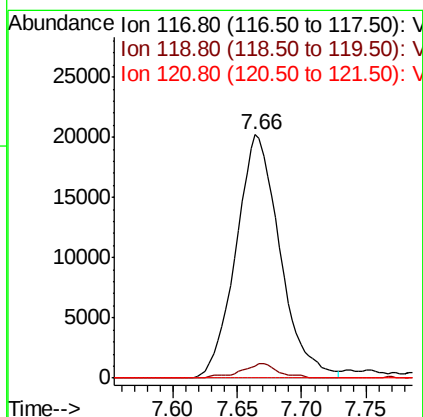
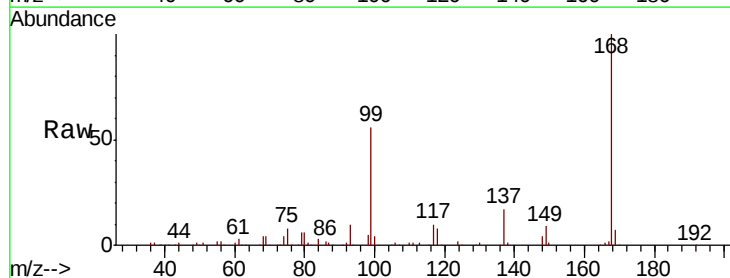
Instrument :
 MSVOA_N
 ClientSampleId :

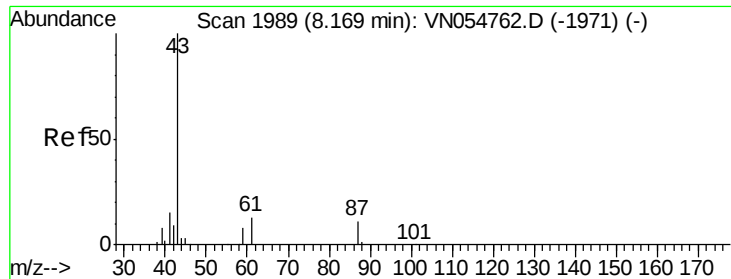
Tot Ion: 75 Resp: 37569
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.242 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

Tgt Ion: 117 Resp: 47983
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.959 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

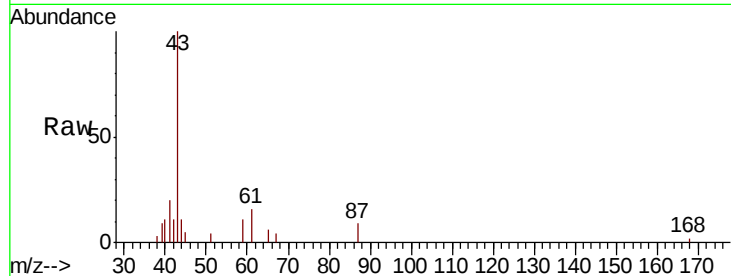
Tot Ion: 43 Resp: 18475

Ion Ratio Lower Upper

43 100

61 17.3 15.8 23.8

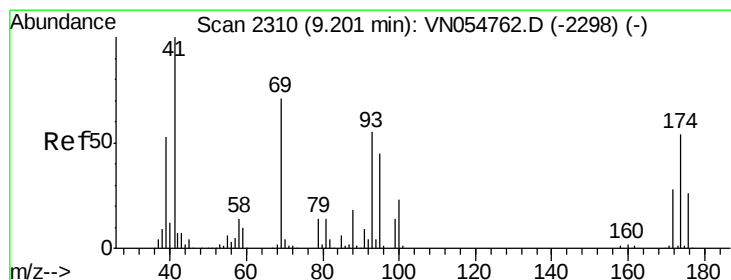
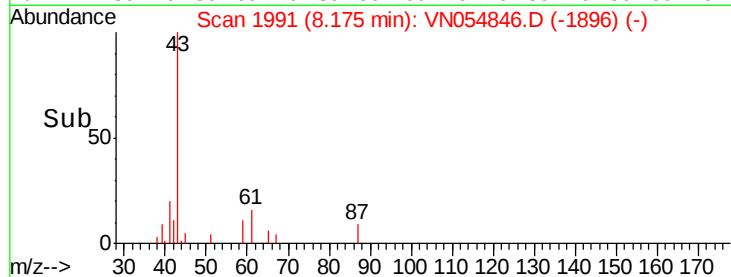
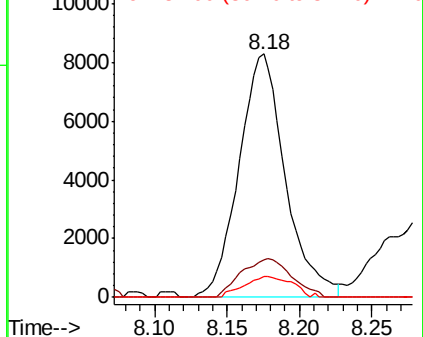
87 9.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.823 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

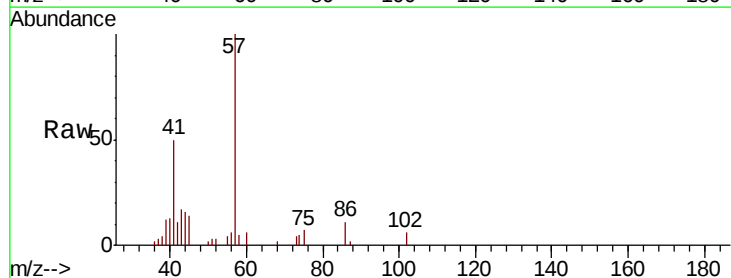
Tgt Ion: 41 Resp: 9317

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

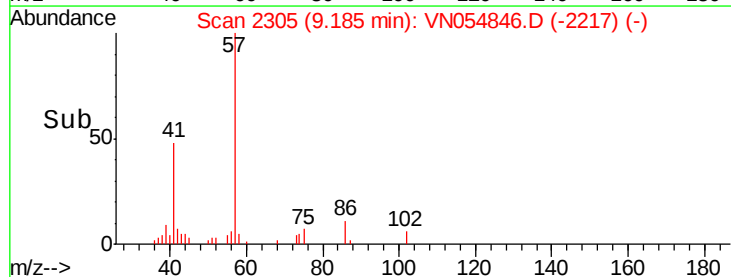
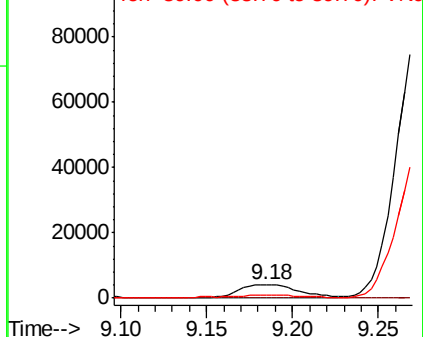
39 0.0 47.5 71.3#

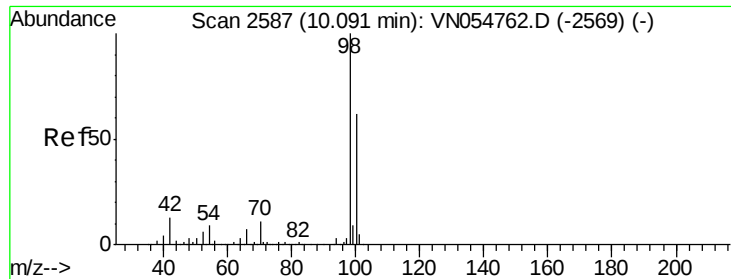


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

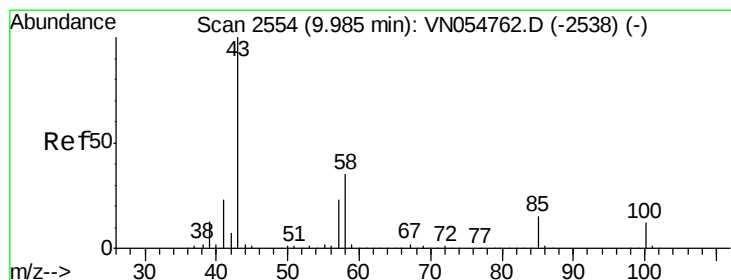
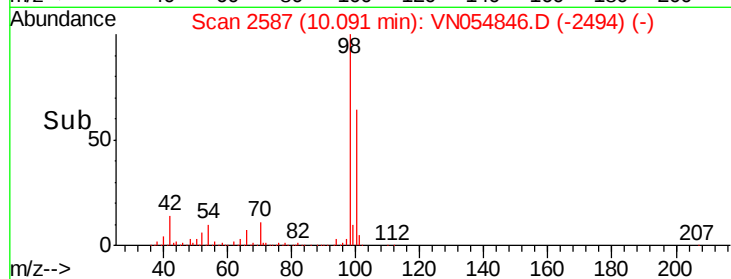
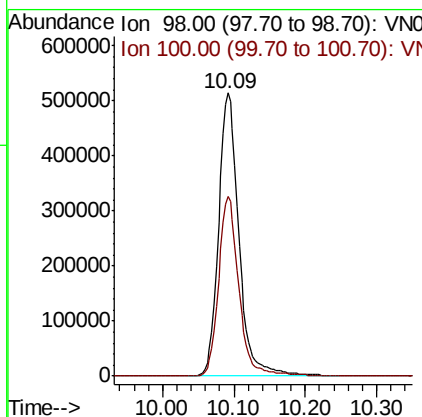
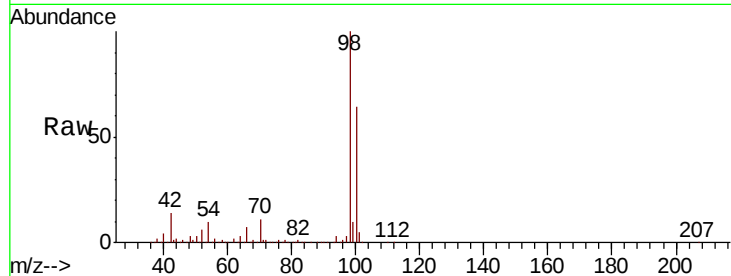




#50
Toluene-d8
Concen: 48.330 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

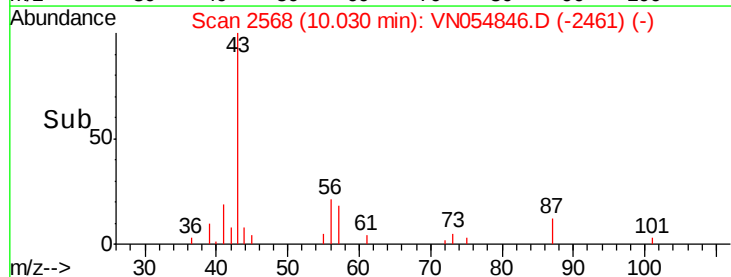
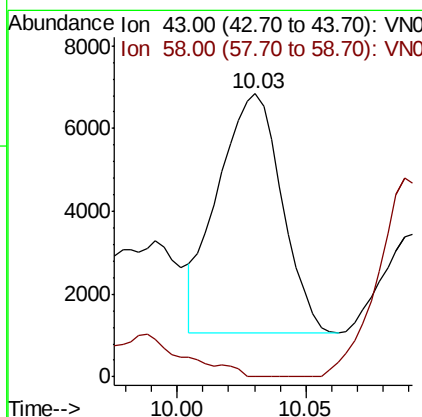
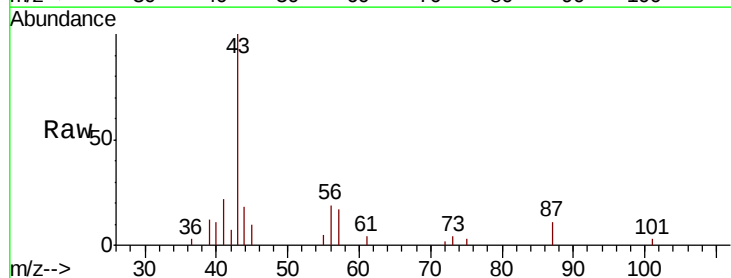
Instrument :
MSVOA_N
ClientSampled :

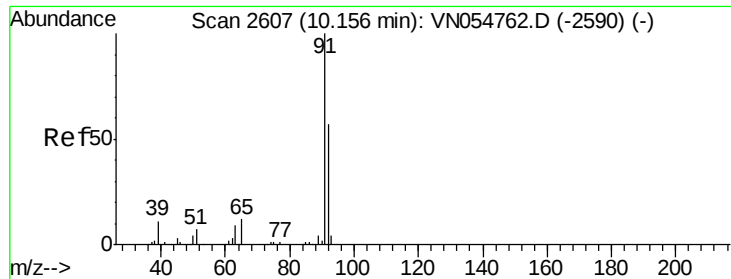
Tot Ion: 98 Resp: 1017384
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.875 ug/l
RT: 10.03 min Scan# 2568
Delta R.T. 0.04 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion: 43 Resp: 9941
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#





#52

Toluene

Concen: 0.281 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

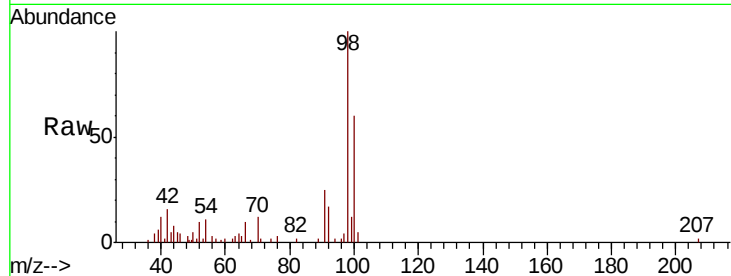
ClientSampleId :

Tot Ion: 92 Resp: 3780

Ion Ratio Lower Upper

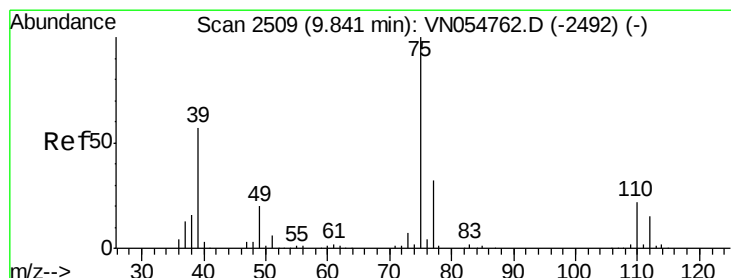
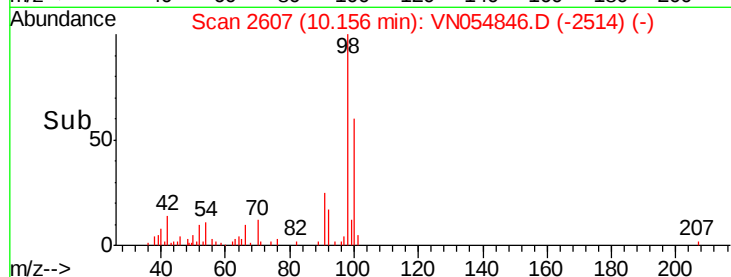
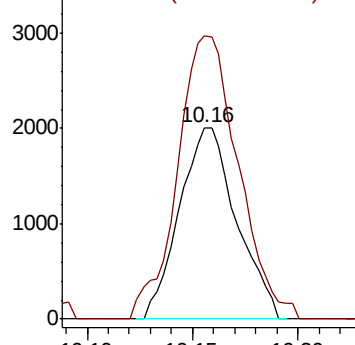
92 100

91 157.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.150 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

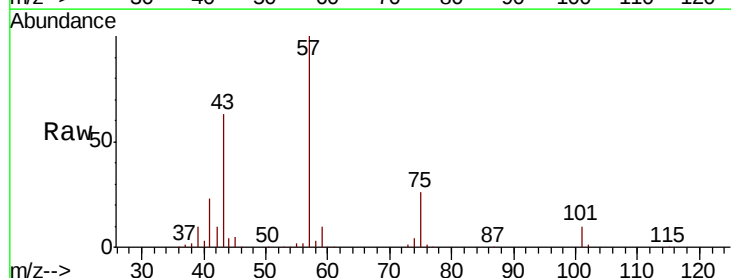
Tgt Ion: 75 Resp: 60654

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

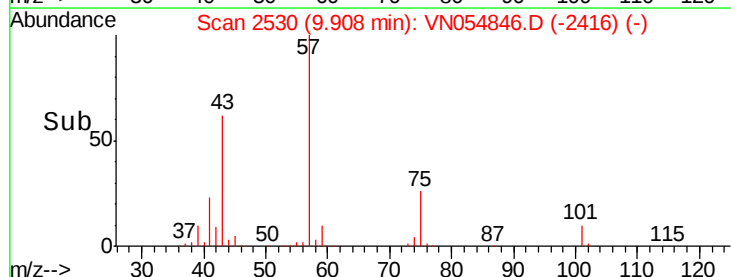
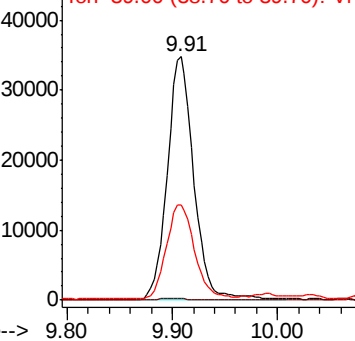
39 38.3 37.2 55.8

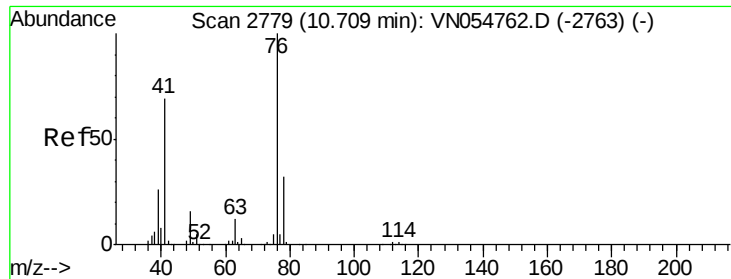


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

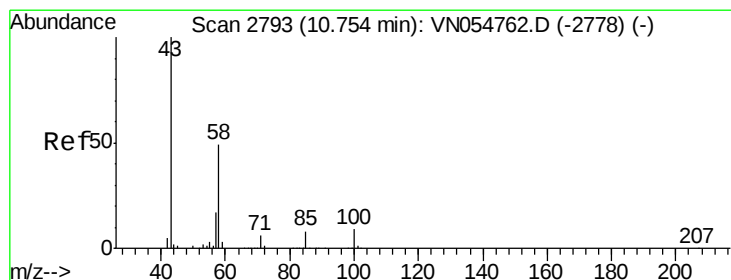
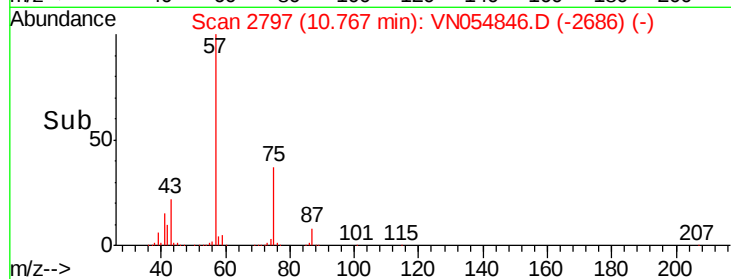
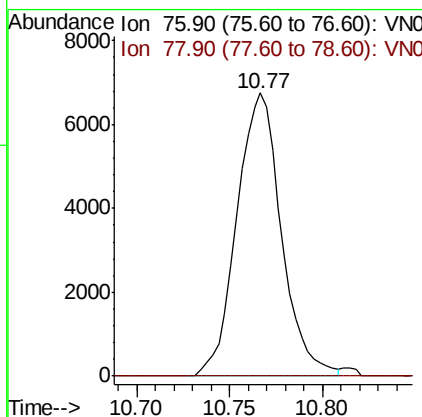
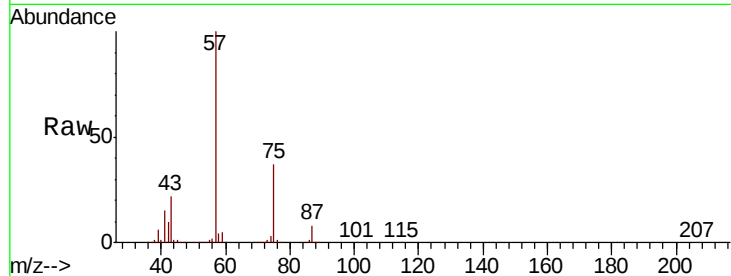




#57
 1,3-Dichloropropane
 Concen: 1.311 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

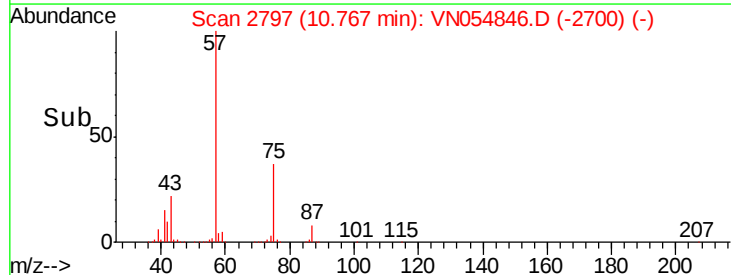
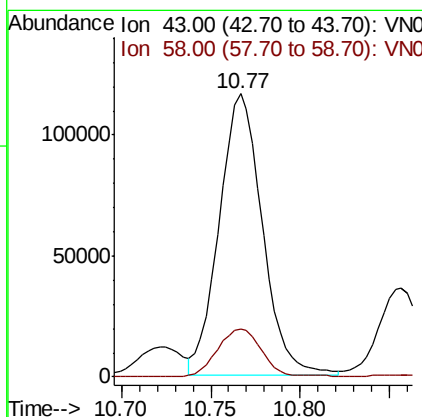
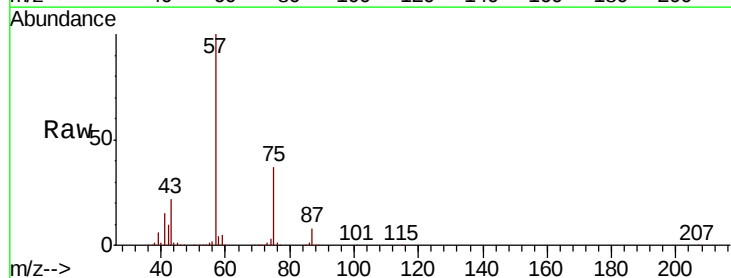
Instrument :
 MSVOA_N
 ClientSampleId :

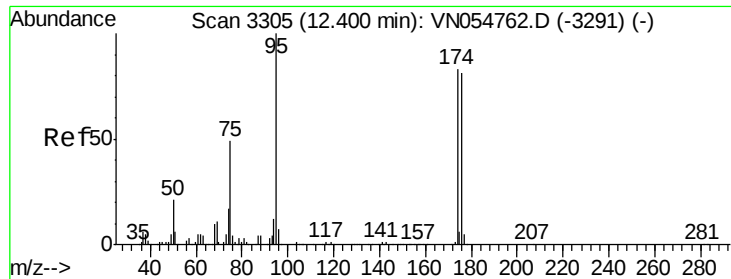
Tot Ion: 76 Resp: 11291
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 57.578 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

Tgt Ion: 43 Resp: 195414
 Ion Ratio Lower Upper
 43 100
 58 18.0 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 44.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

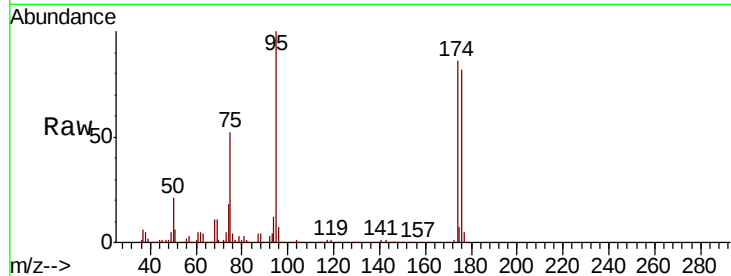
Tot Ion: 95 Resp: 312738

Ion Ratio Lower Upper

95 100

174 84.0 0.0 191.0

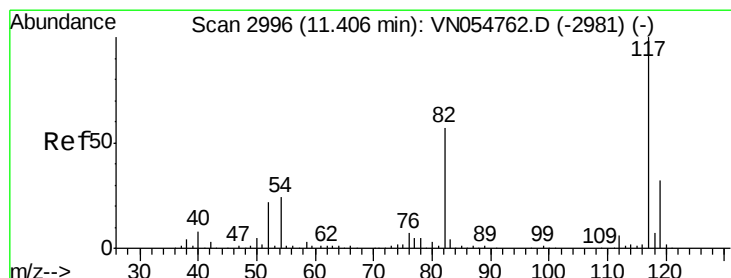
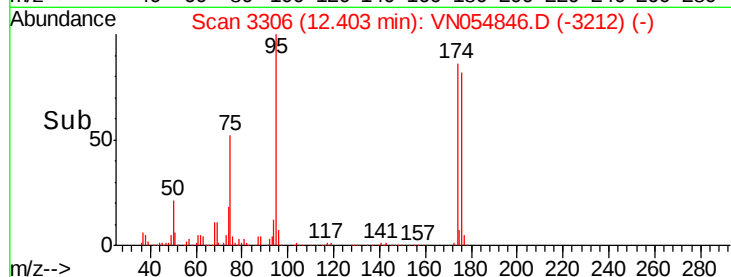
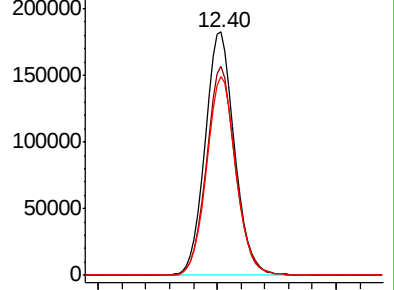
176 81.5 0.0 187.4



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: VN054846.D

Acq: 31 Mar 2019 13:19

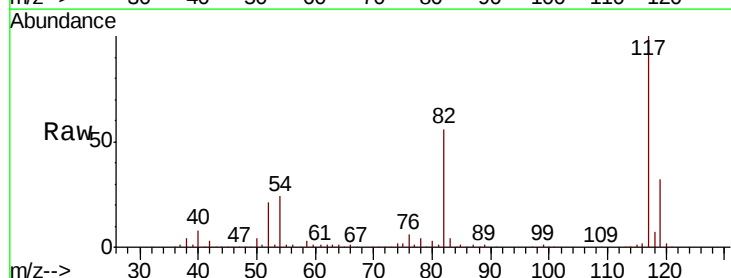
Tgt Ion: 117 Resp: 721457

Ion Ratio Lower Upper

117 100

82 55.7 40.0 60.0

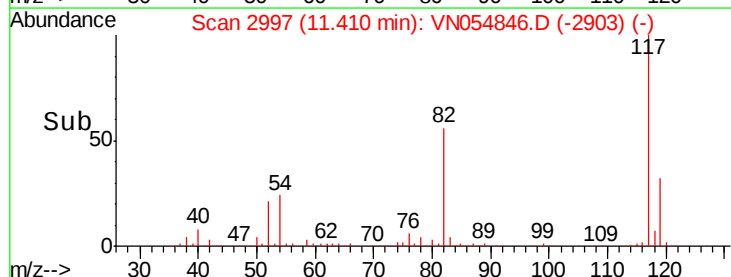
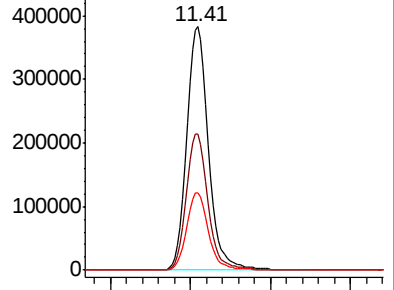
119 32.0 25.8 38.6

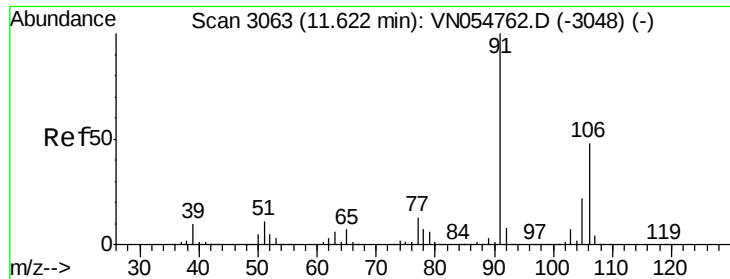


Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)

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

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

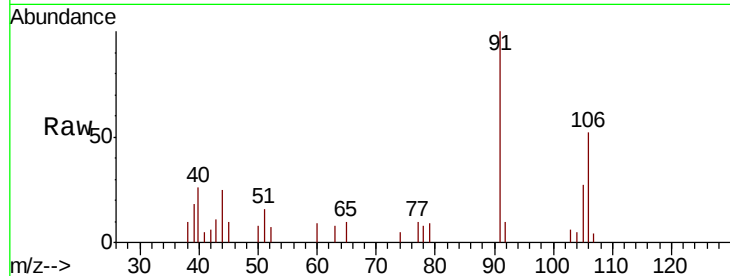




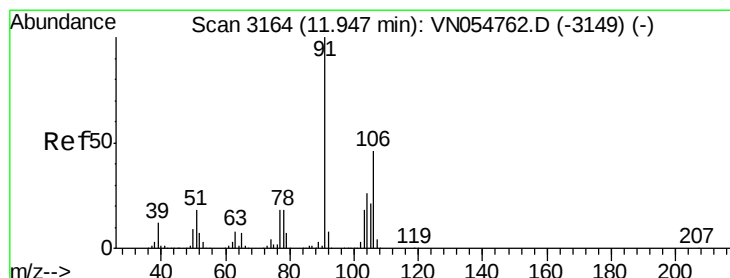
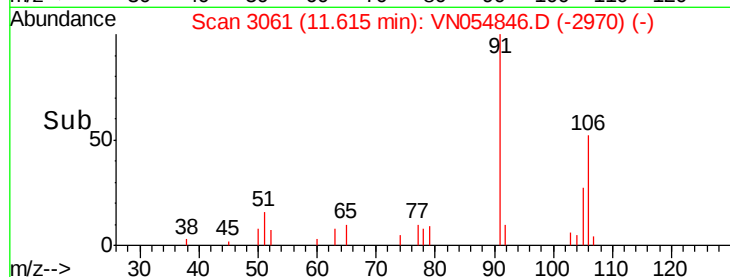
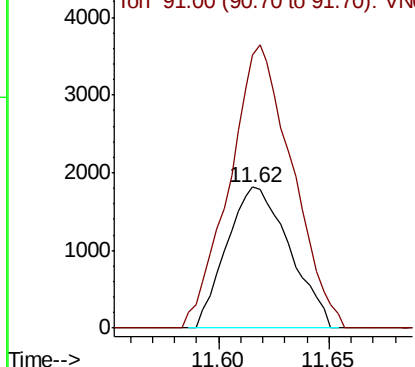
#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 3579
Ion Ratio Lower Upper
106 100
91 200.5 159.4 239.2

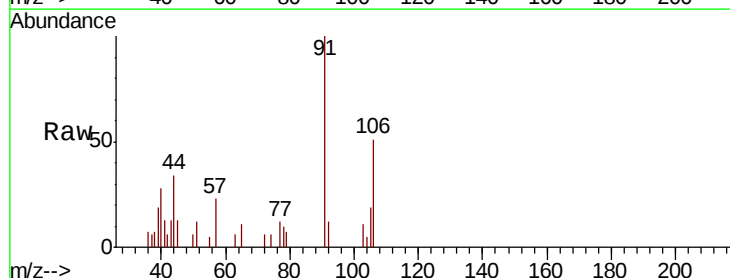


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

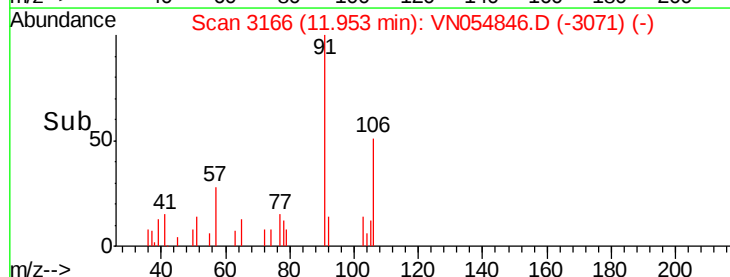
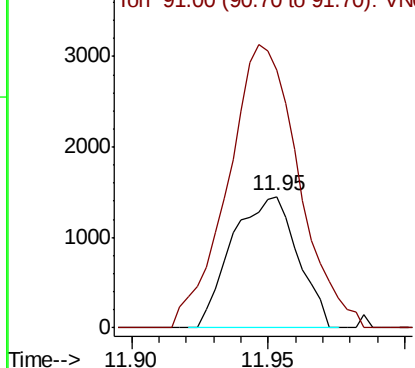


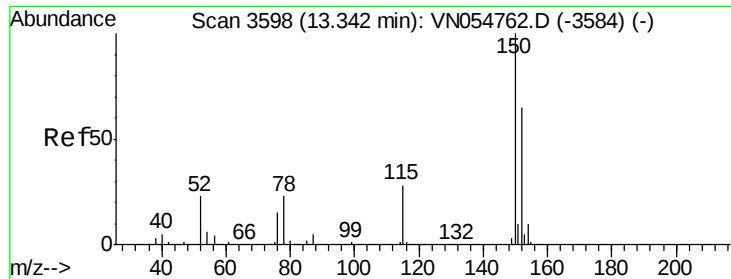
#69
o-Xylene
Concen: 0.262 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN054846.D
Acq: 31 Mar 2019 13:19

Tgt Ion:106 Resp: 2420
Ion Ratio Lower Upper
106 100
91 232.7 105.7 317.1



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: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

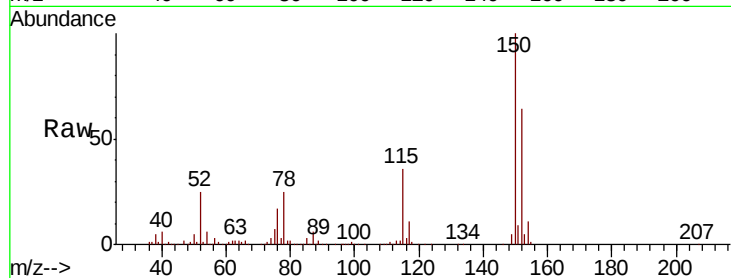
Tot Ion:152 Resp: 268779

Ion Ratio Lower Upper

152 100

115 56.4 27.2 81.6

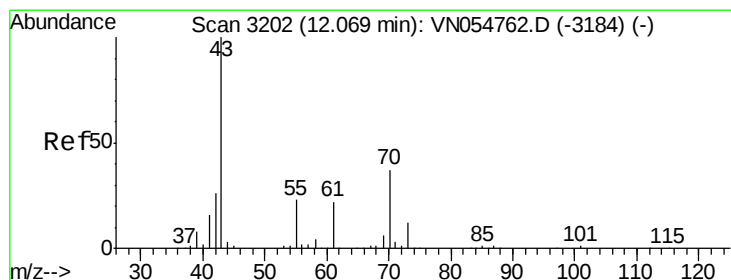
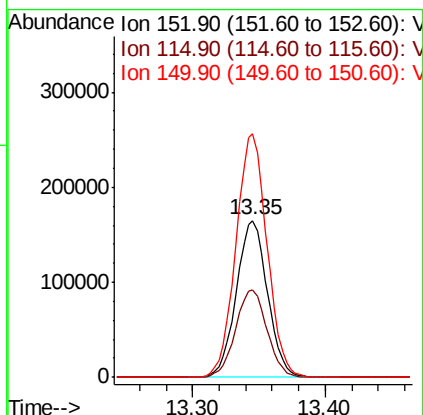
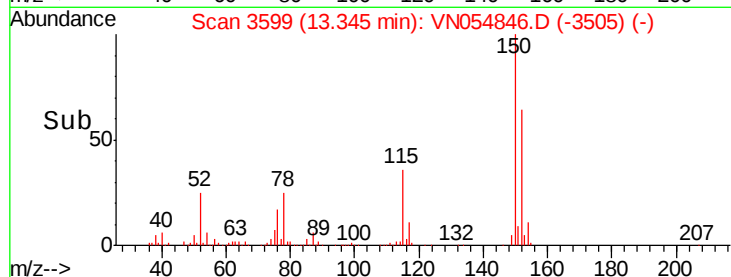
150 155.3 0.0 349.2



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-ethyl acetate

Concen: 2.681 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Tgt Ion: 43 Resp: 18347

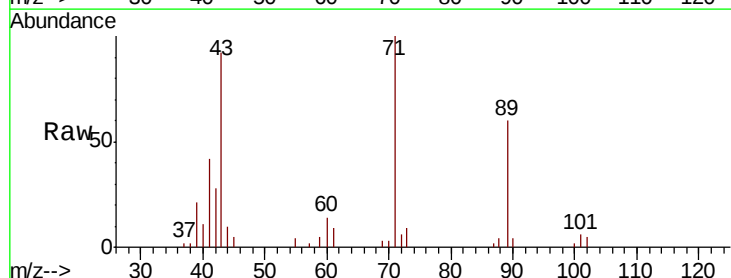
Ion Ratio Lower Upper

43 100

70 1.5 35.4 53.0#

55 4.9 19.8 29.6#

61 9.8 19.8 29.6#

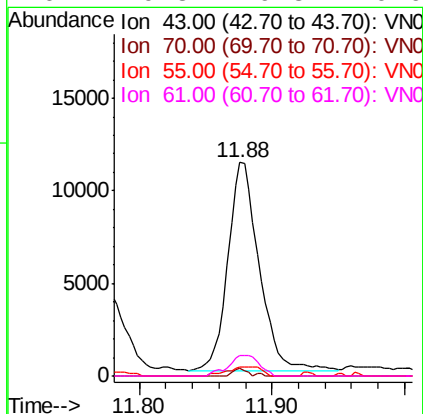
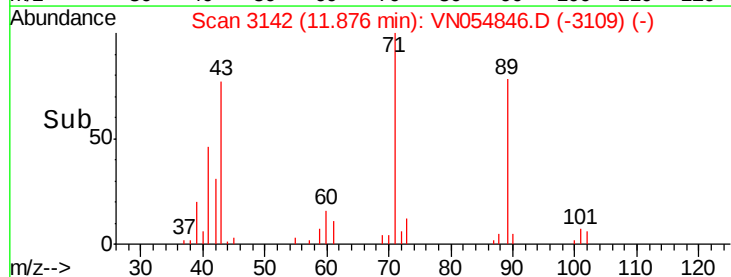


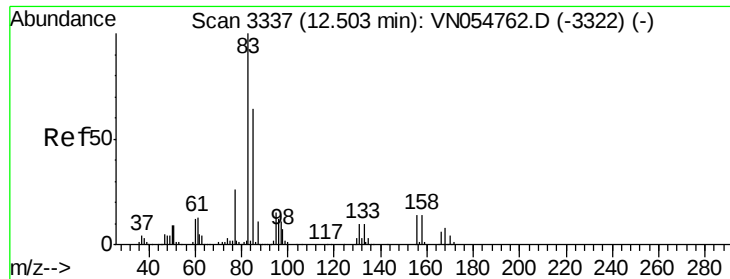
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.43 min Scan# 3313

Delta R.T. -0.08 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampled :

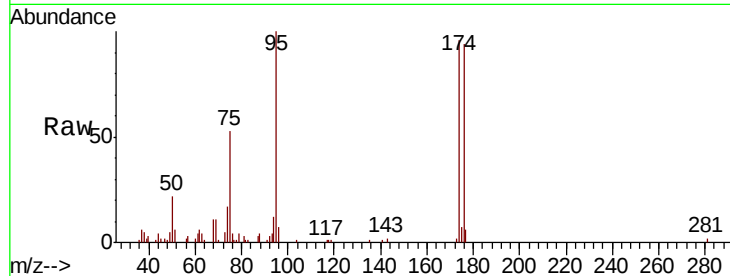
Tot Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

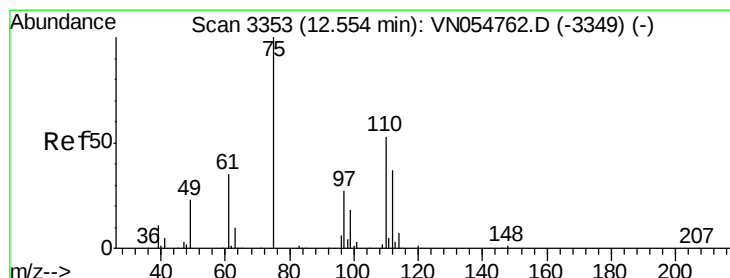
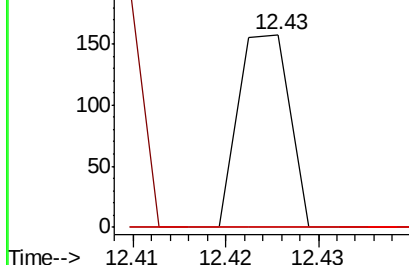
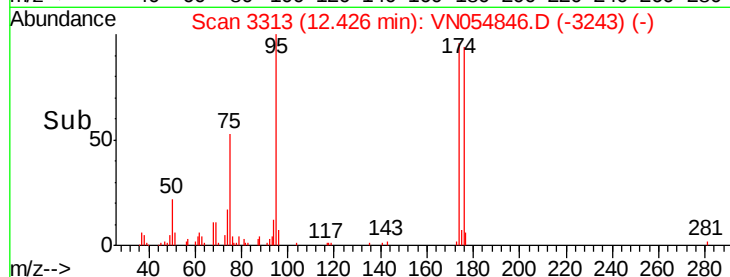
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.219 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054846.D

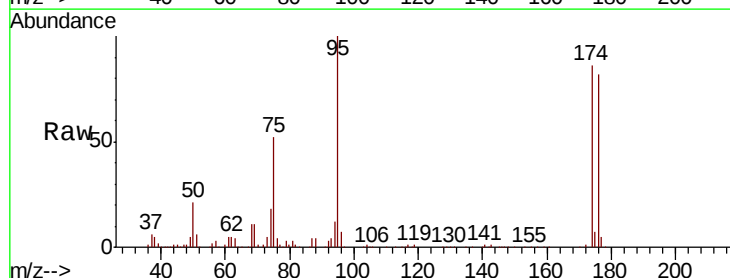
Acq: 31 Mar 2019 13:19

Tgt Ion: 75 Resp: 164448

Ion Ratio Lower Upper

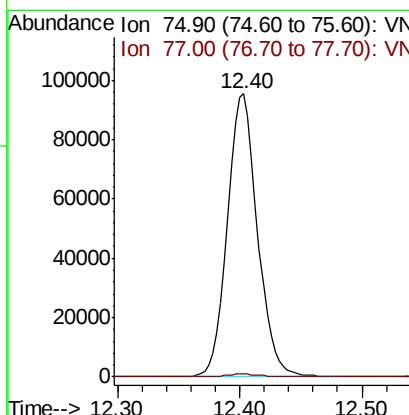
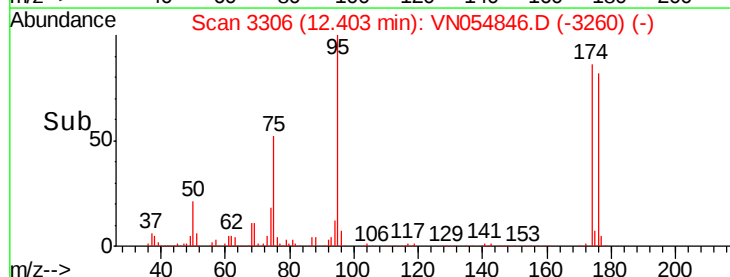
75 100

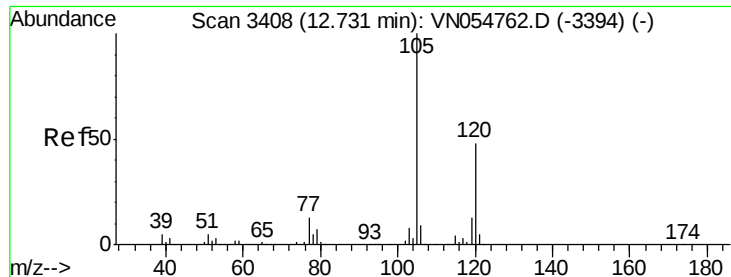
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.270 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

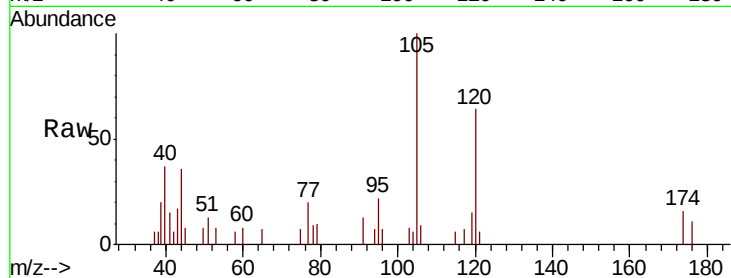
ClientSampled :

Tot Ion:105 Resp: 4875

Ion Ratio Lower Upper

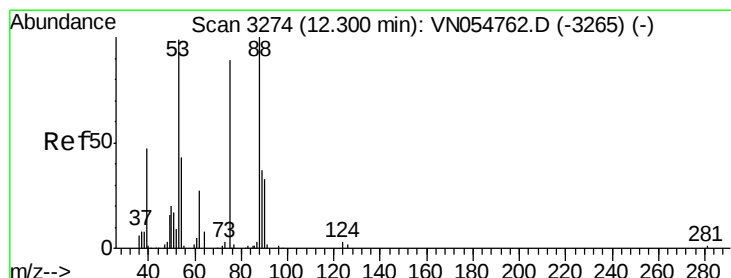
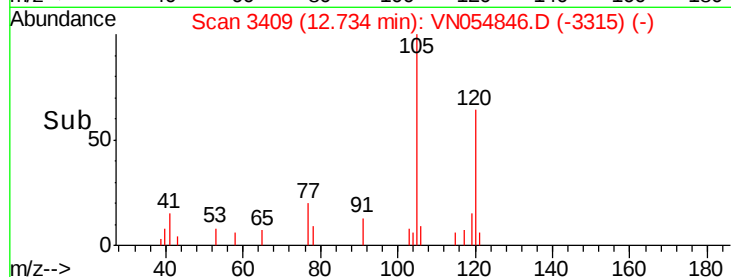
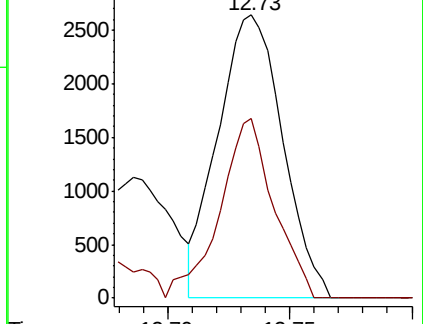
105 100

120 53.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 136.992 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

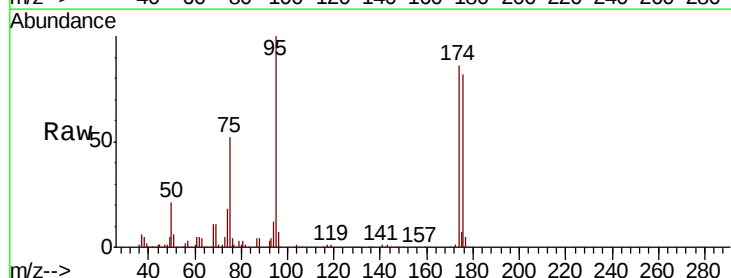
Tgt Ion: 75 Resp: 164448

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

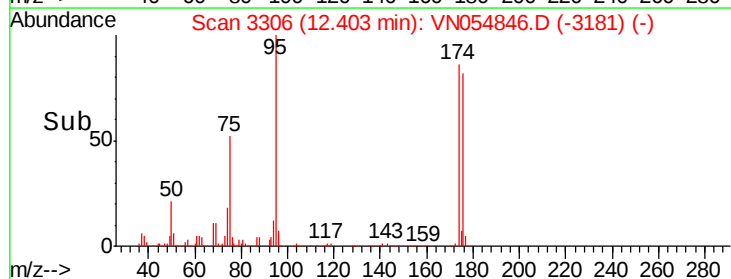
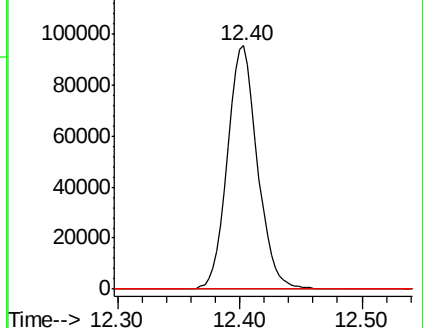
89 0.0 39.2 58.8#

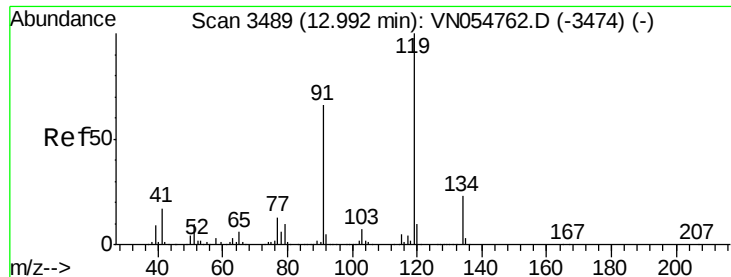


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

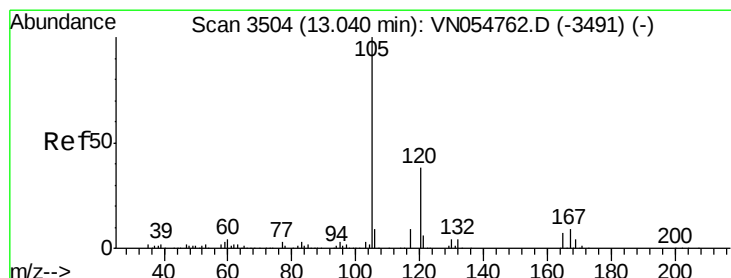
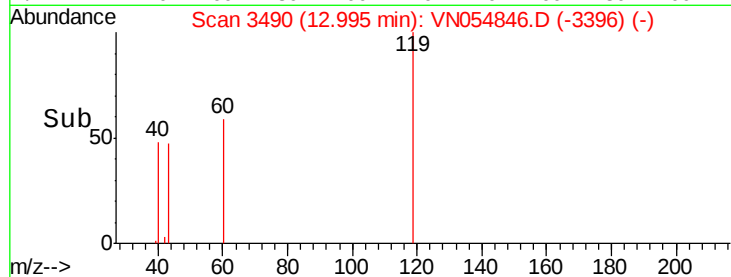
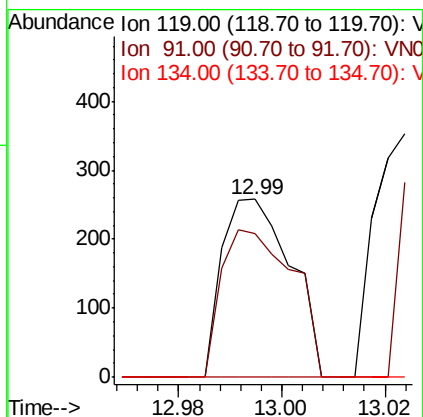
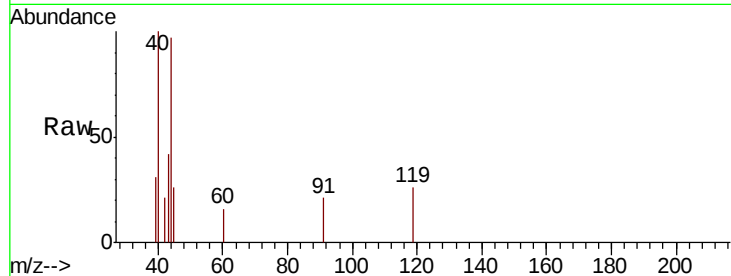




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

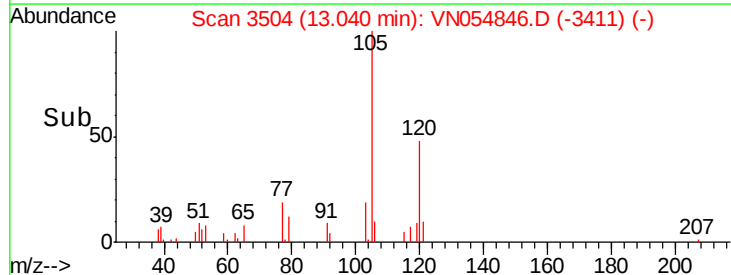
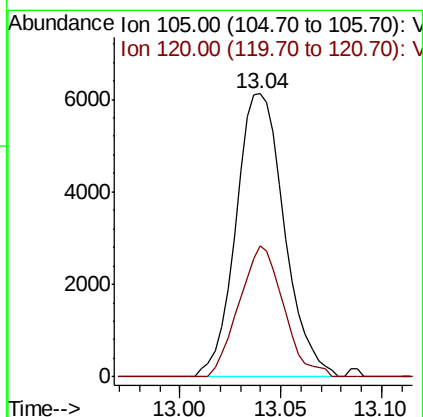
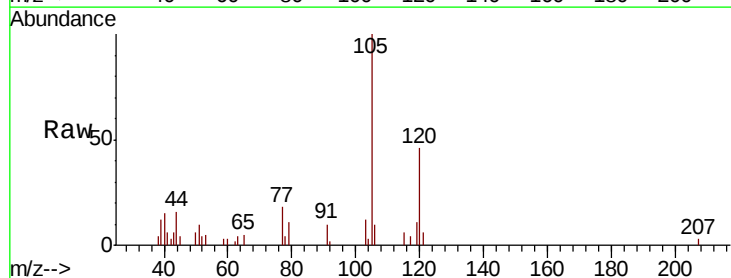
Instrument :
 MSVOA_N
 ClientSampled :

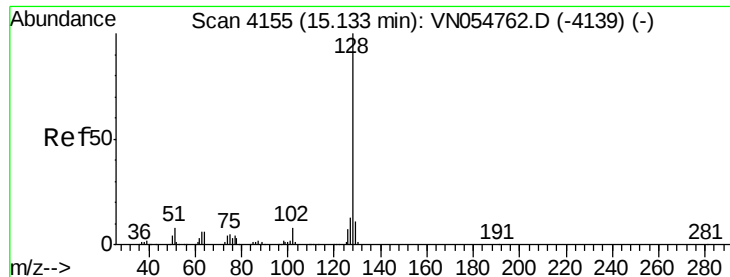
Tot Ion:119 Resp: 237
 Ion Ratio Lower Upper
 119 100
 91 86.9 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.600 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054846.D
 Acq: 31 Mar 2019 13:19

Tgt Ion:105 Resp: 10299
 Ion Ratio Lower Upper
 105 100
 120 42.5 23.4 70.3





#95

Naphthalene

Concen: 3.074 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054846.D

Acq: 31 Mar 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

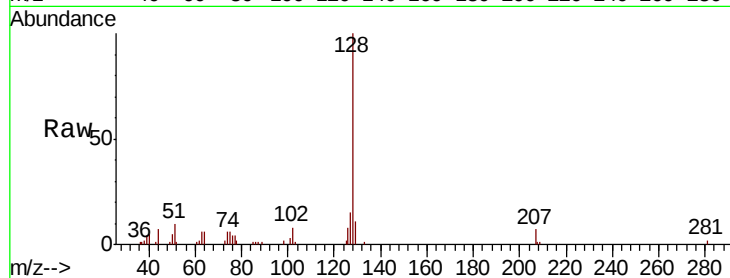
Tot Ion:128 Resp: 29778

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 10.2 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

