

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031919\
 Data File : VN054436.D
 Acq On : 19 Mar 2019 13:09
 Operator : JC/SP
 Sample : K1687-09ME
 Misc : 6.18g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 03:51:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1858065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2581126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2250676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1024921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	776210	39.34	ug/l	0.00
Spiked Amount			Recovery	=	78.68%	
35) Dibromofluoromethane	7.59	113	736514	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
50) Toluene-d8	10.09	98	3034285	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.40	95	975106	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.93	142	944	1.530	ug/l #	72
11) Tert butyl alcohol	4.74	59	738	0.546	ug/l #	70
16) Acetone	3.82	43	1276	0.226	ug/l #	68
18) Methyl Acetate	4.33	43	5571	0.487	ug/l #	71
20) Methylene Chloride	4.54	84	9400	0.507	ug/l	87
31) Cyclohexane	7.66	56	25188	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	100348	4.222	ug/l #	48
38) Carbon Tetrachloride	7.66	117	147163	5.904	ug/l #	16
49) 1,4-Dioxane	8.99	88	66	0.384	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2779	0.219	ug/l #	83
53) t-1,3-Dichloropropene	10.38	75	304	1.997	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.70	63	224	16.854	ug/l	99
59) 2-Hexanone	10.76	43	3631	0.430	ug/l	71
67) Ethyl Benzene	11.51	91	16604	0.203	ug/l	99
68) m/p-Xylenes	11.62	106	34236	1.069	ug/l	84
69) o-Xylene	11.95	106	21814	0.699	ug/l	96
71) Bromoform	12.12	173	418	2.380	ug/l #	28
73) Isopropylbenzene	12.25	105	21452	0.262	ug/l	97
74) N-amyl acetate	12.04	43	37187	2.043	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	436329	28.950	ug/l #	100
77) Bromobenzene	12.54	156	273967	12.626	ug/l #	1
78) n-propylbenzene	12.59	91	81263	0.913	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	173095	2.538	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	436329	98.963	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	529130	7.908	ug/l	98
85) sec-Butylbenzene	13.17	105	58270	0.716	ug/l	78
86) p-Isopropyltoluene	13.29	119	50949	0.713	ug/l	96
89) n-Butylbenzene	13.61	91	117479	2.165	ug/l #	73
90) Hexachloroethane	13.89	117	16179	1.368	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1188	0.439	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	7938	2.866	ug/l #	1
94) Hexachlorobutadiene	15.01	225	3020	0.222	ug/l	98
95) Naphthalene	15.13	128	68734	4.893	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.32	180	6784	0.357	ug/l #	1

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Instrument :
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Quant Time: Mar 20 03:51:32 2019
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

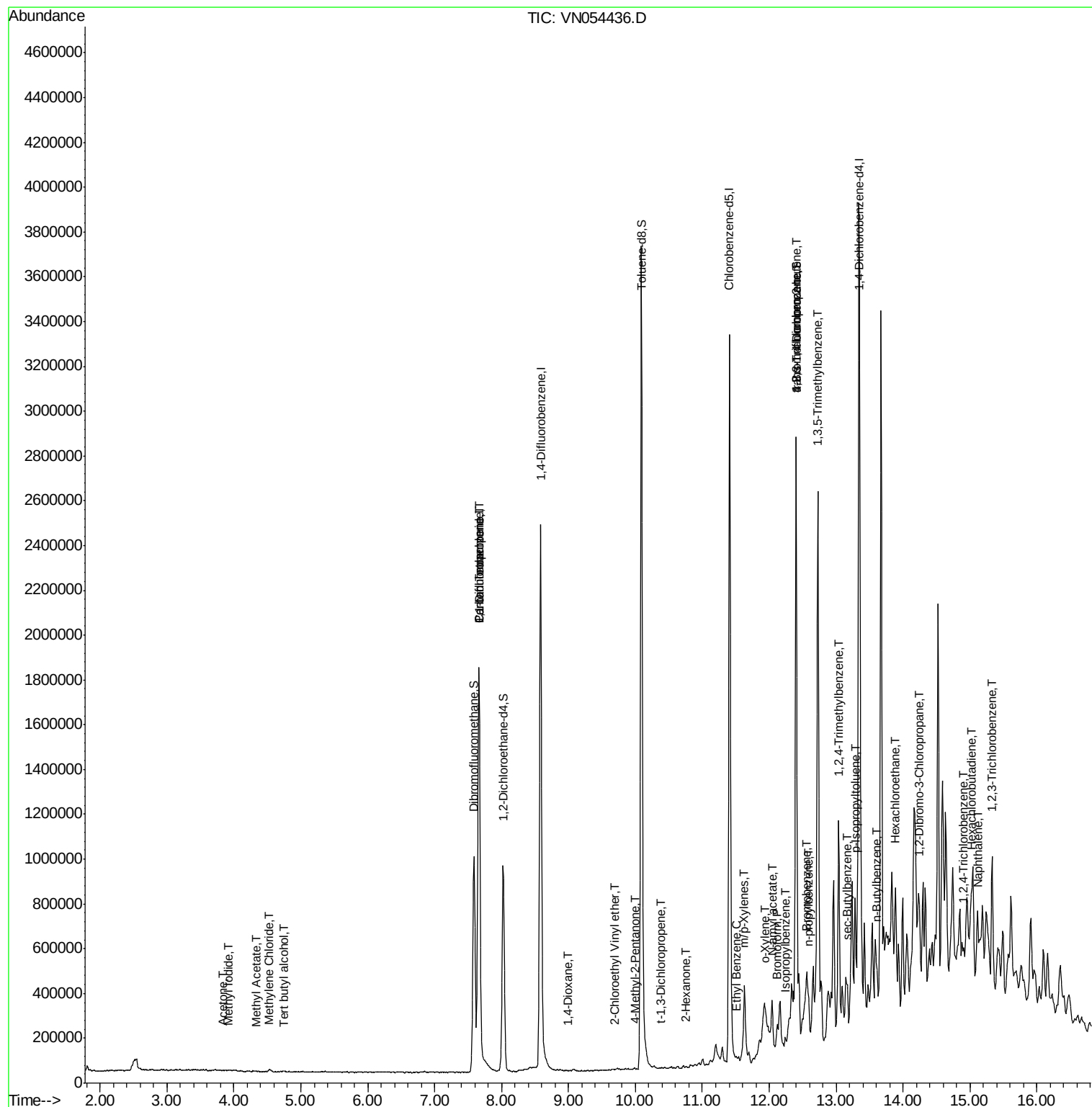
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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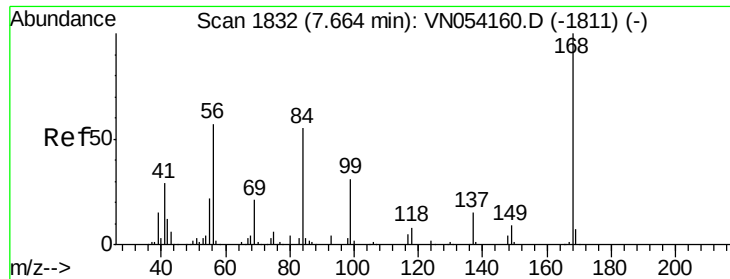
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

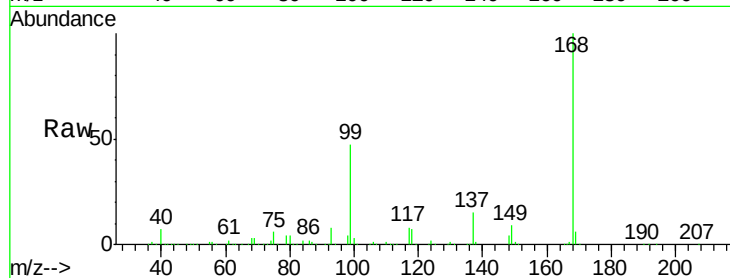
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1858065

Ion Ratio Lower Upper

168 100

99 46.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

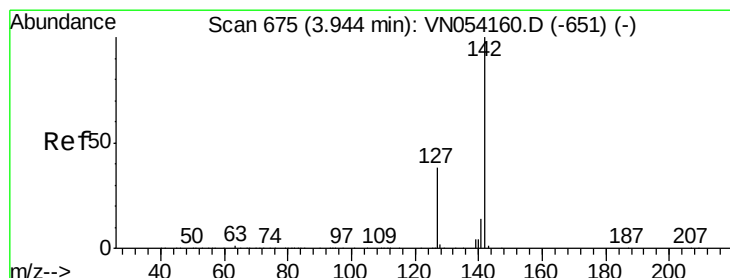
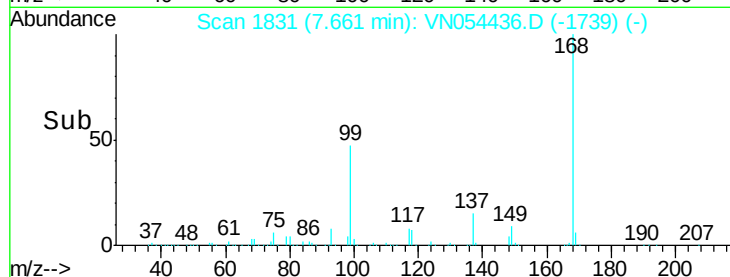
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.530 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

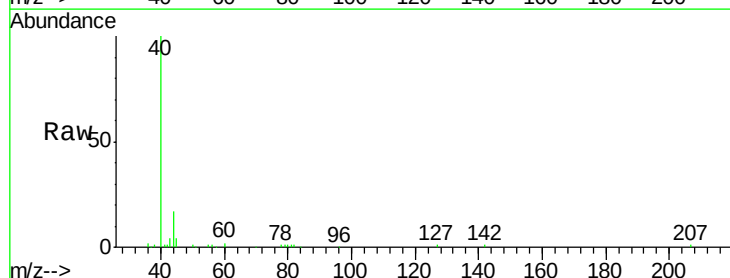
Tgt Ion:142 Resp: 944

Ion Ratio Lower Upper

142 100

127 20.7 30.3 45.5#

141 3.1 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.93

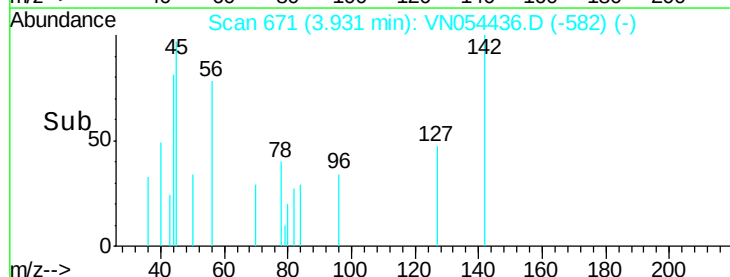
600

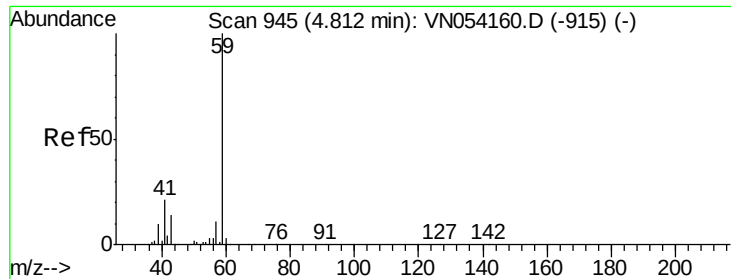
400

200

0

Time-->



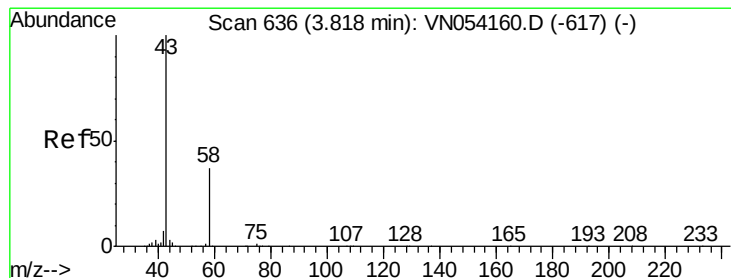
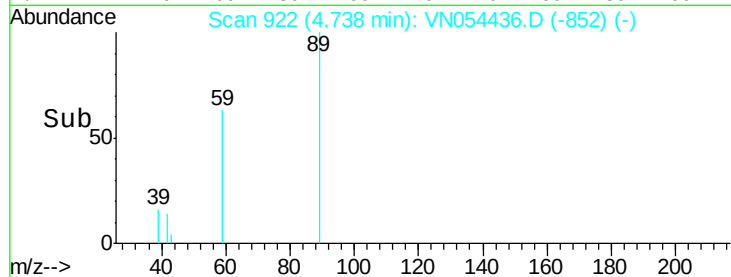
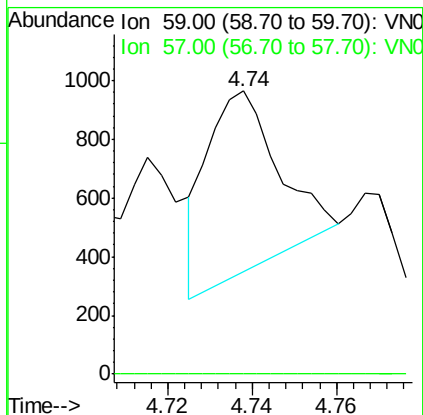
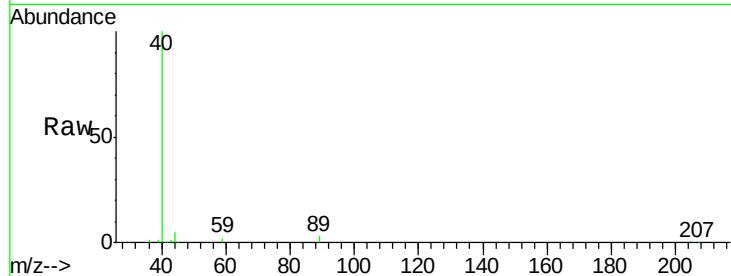


#11

Tert butyl alcohol
 Concen: 0.546 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.07 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Instrument :
 MSVOA_N
 ClientSampled :

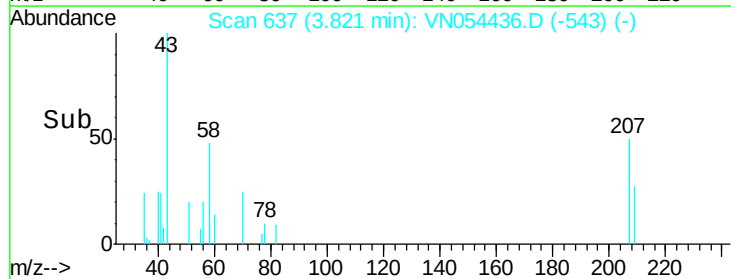
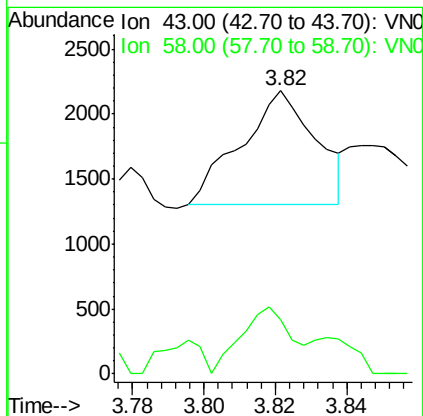
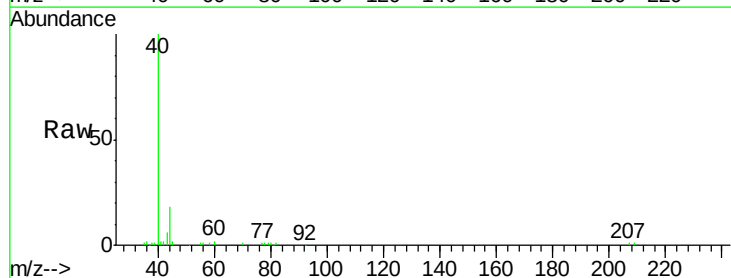
Tot Ion: 59 Resp: 738
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

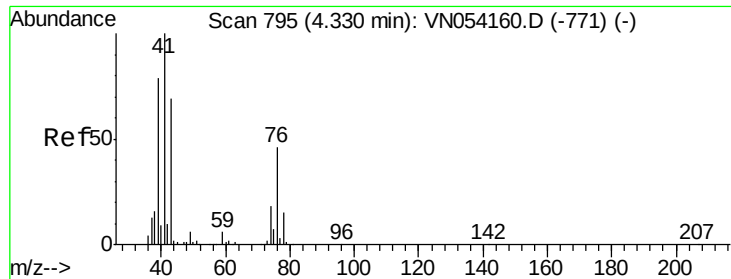


#16

Acetone
 Concen: 0.226 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Tgt Ion: 43 Resp: 1276
 Ion Ratio Lower Upper
 43 100
 58 18.0 29.9 44.9#

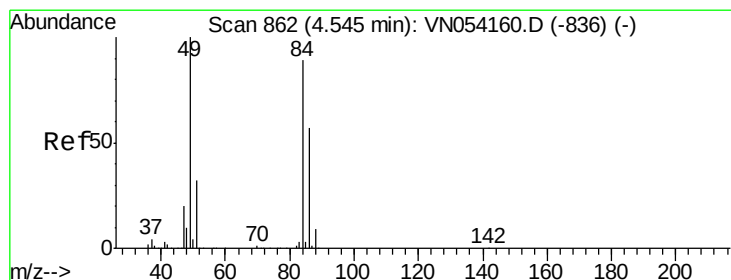
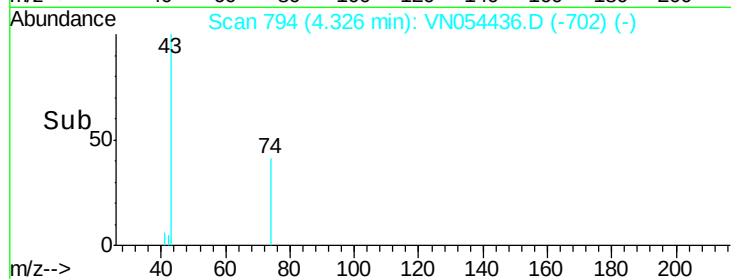
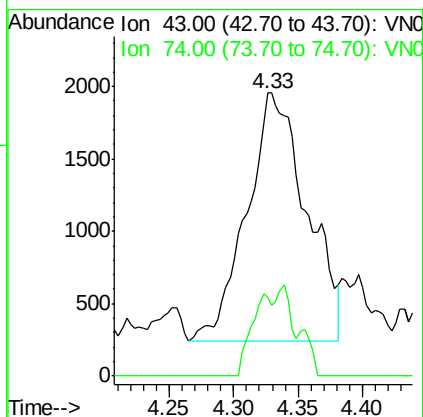
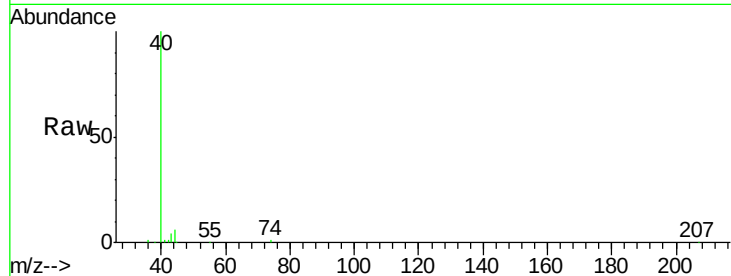




#18
Methvl Acetate
Concen: 0.487 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

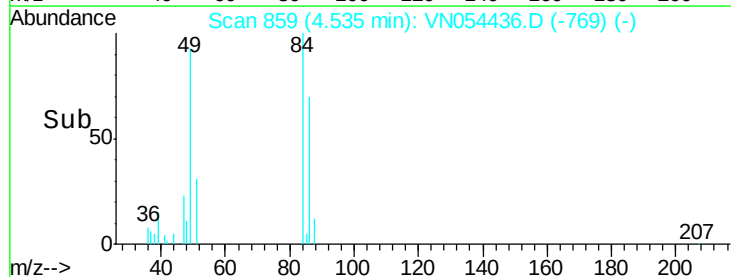
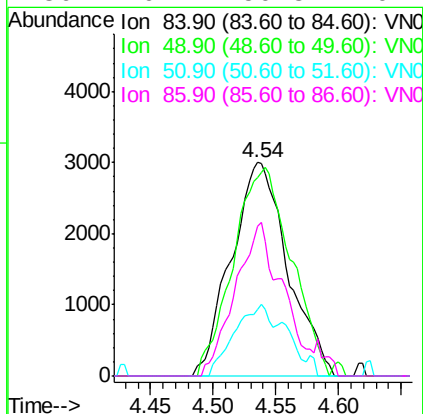
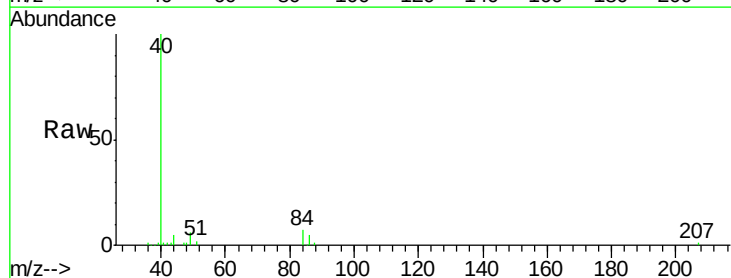
Instrument :
MSVOA_N
ClientSampleId :

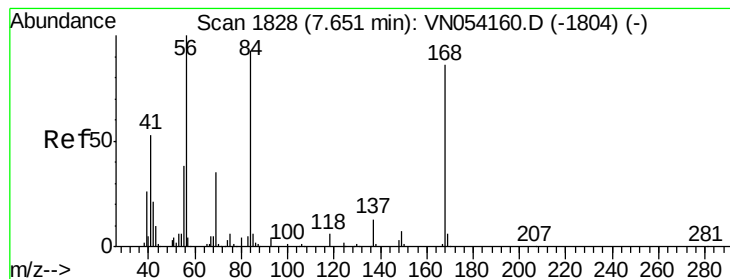
Tot Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
74 11.3 20.8 31.2#



#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 4.54 min Scan# 859
Delta R.T. -0.01 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Tgt Ion: 84 Resp: 9400
Ion Ratio Lower Upper
84 100
49 92.9 89.7 134.5
51 31.4 28.2 42.4
86 70.2 50.8 76.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

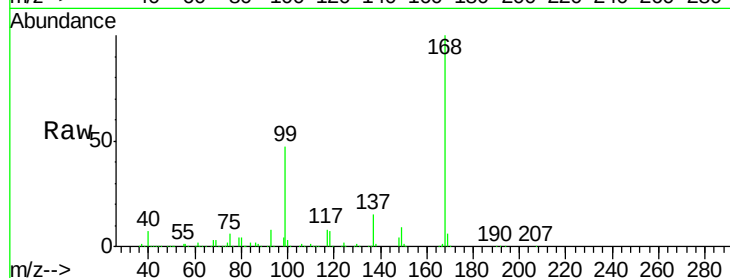
Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 25188

Ion	Ratio	Lower	Upper
56	100		
69	185.0	27.8	41.6#
84	169.2	74.6	111.8#

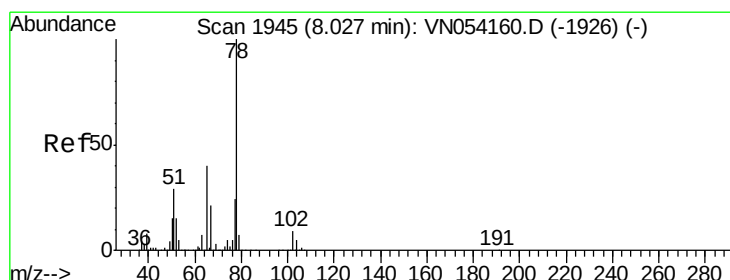
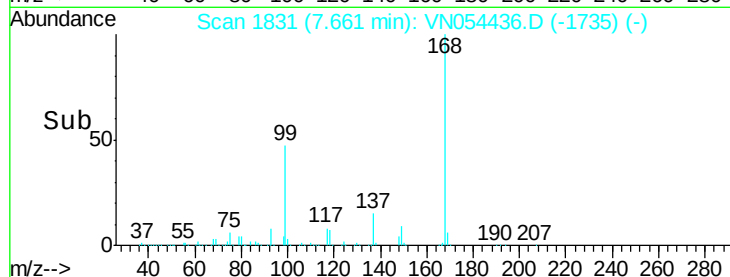
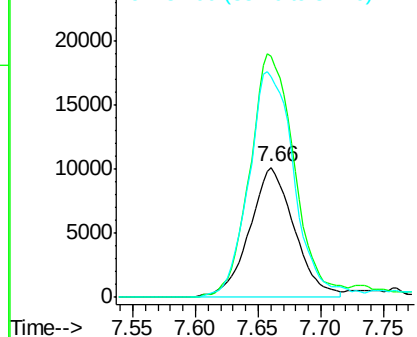


Abundance

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: 39.336 ug/l

RT: 8.02 min Scan# 1944

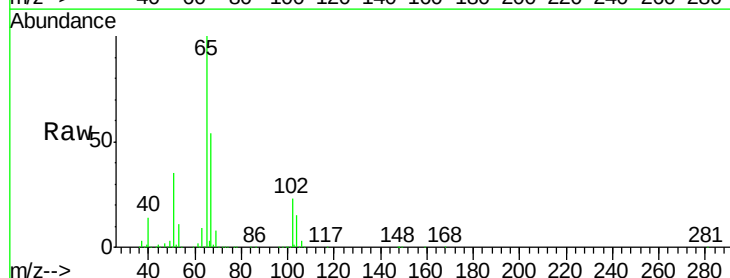
Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Tgt Ion: 65 Resp: 776210

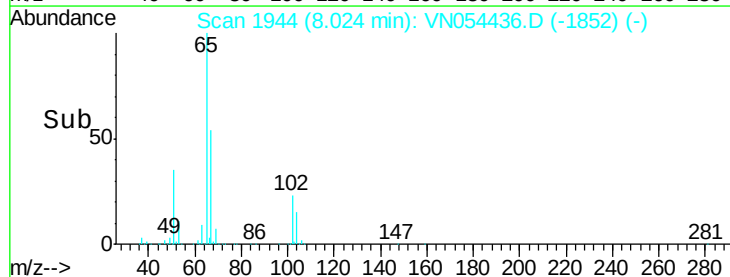
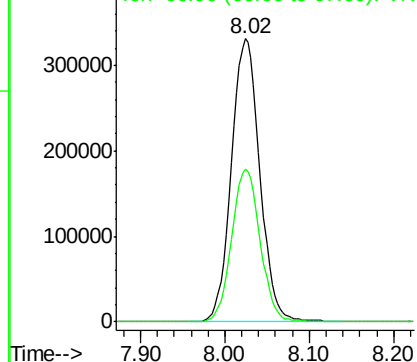
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	104.6

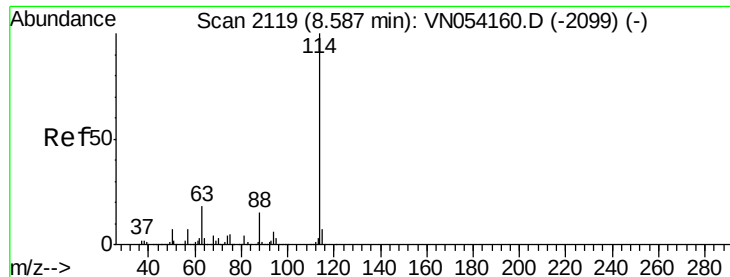


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

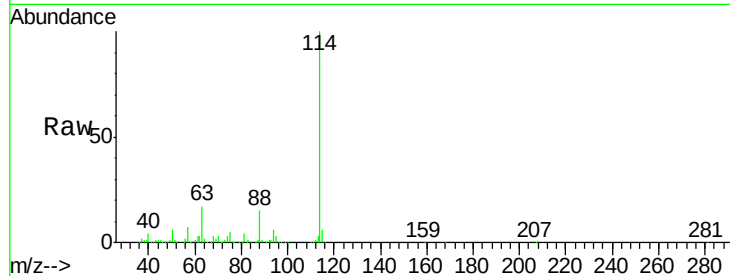




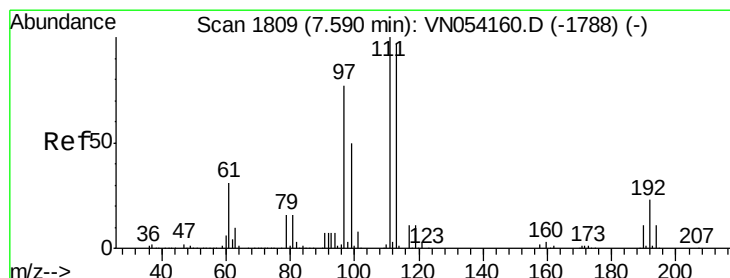
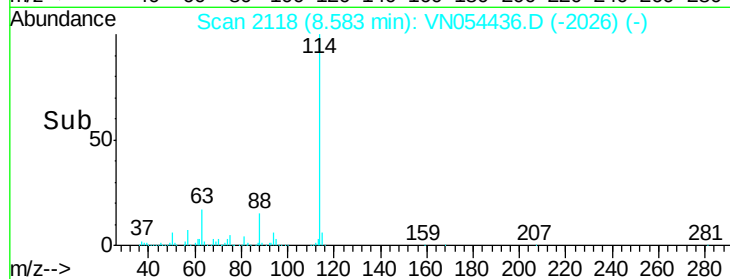
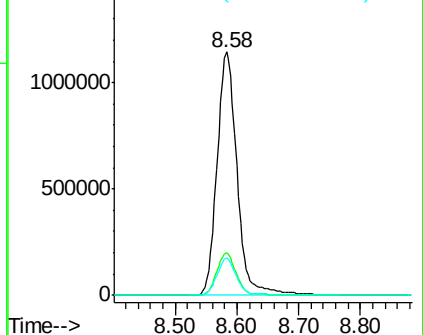
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2581126
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 15.2 0.0 30.2

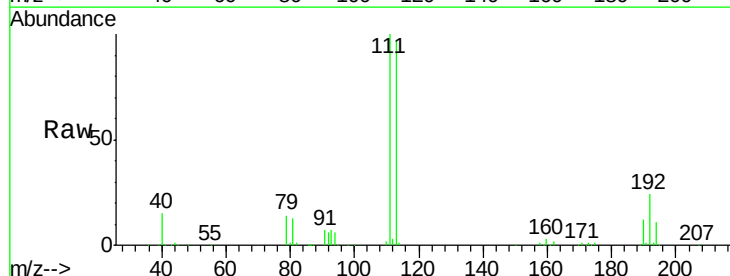


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

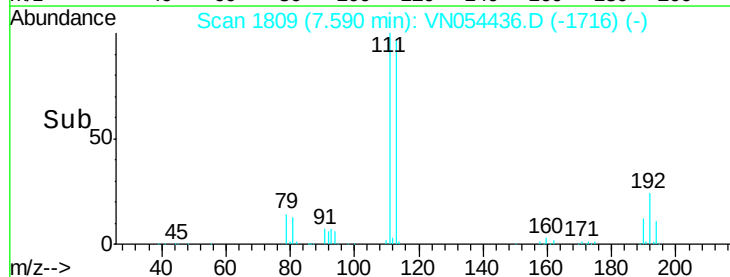
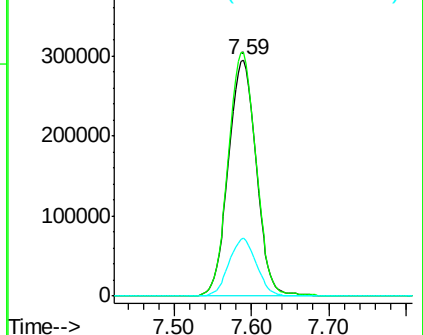


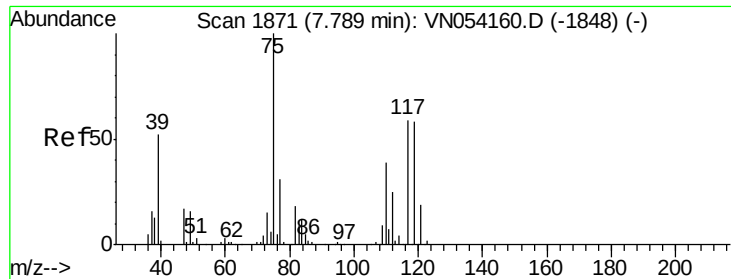
#35
 Dibromofluoromethane
 Concen: 44.243 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Tgt Ion:113 Resp: 736514
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 23.9 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

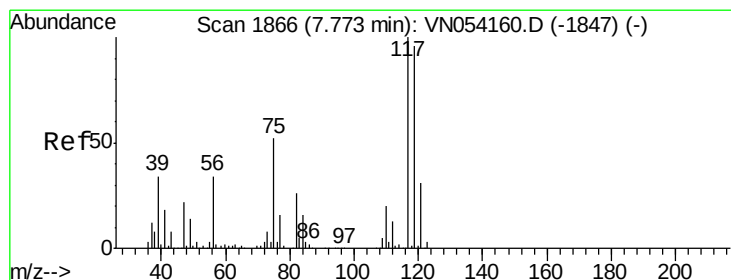
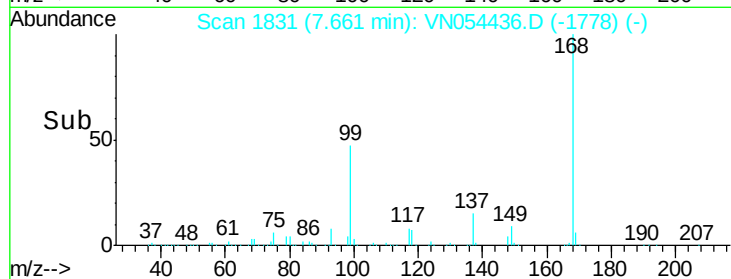
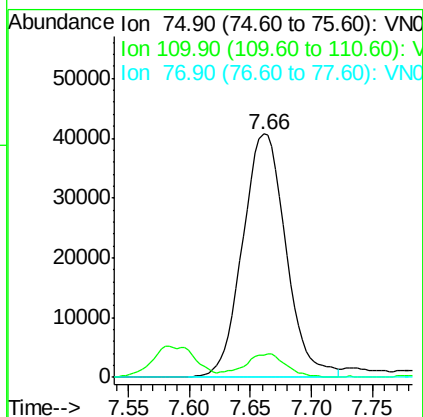
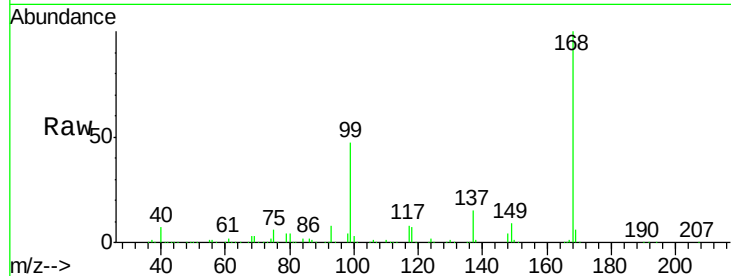




#36
 1,1-Dichloropropene
 Concen: 4.222 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

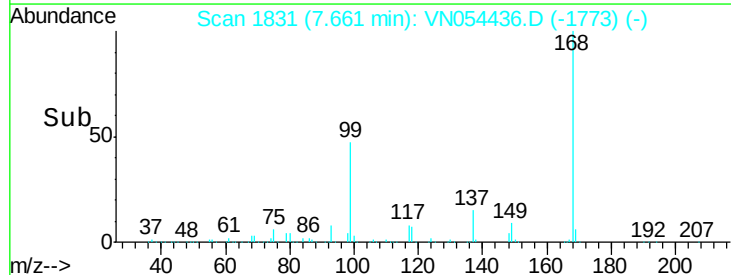
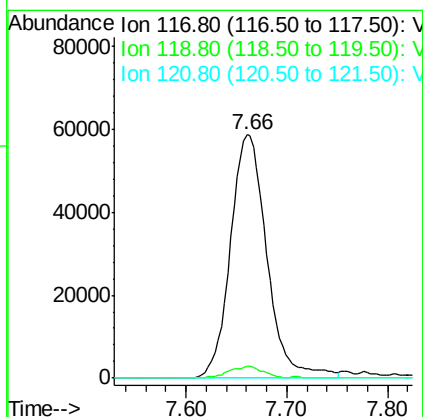
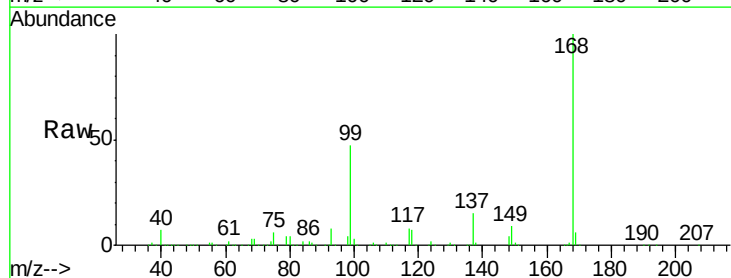
Instrument :
 MSVOA_N
 ClientSampled :

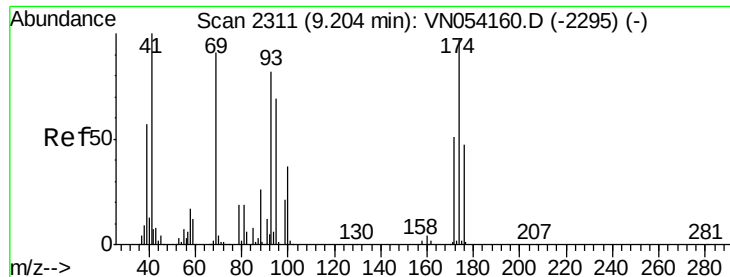
Tot Ion: 75 Resp: 100348
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.904 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Tgt Ion: 117 Resp: 147163
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.3 114.5#
 121 0.0 24.6 36.8#





#49

1,4-Dioxane

Concen: 0.384 ug/l

RT: 8.99 min Scan# 2245

Delta R.T. -0.21 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :

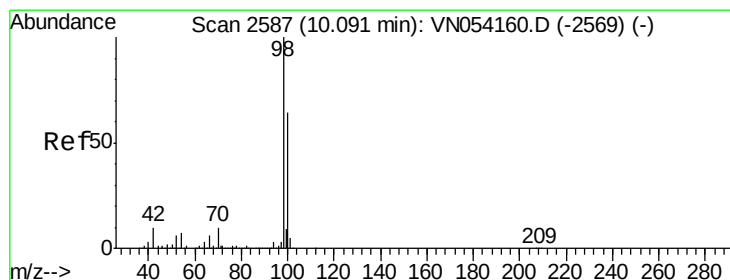
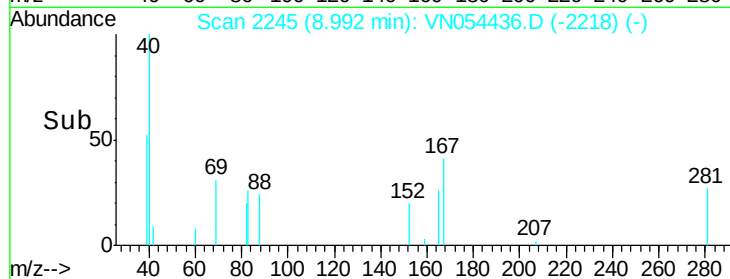
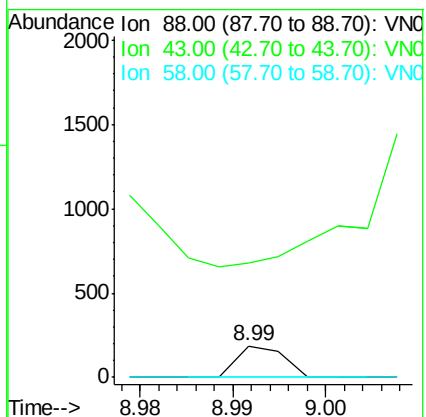
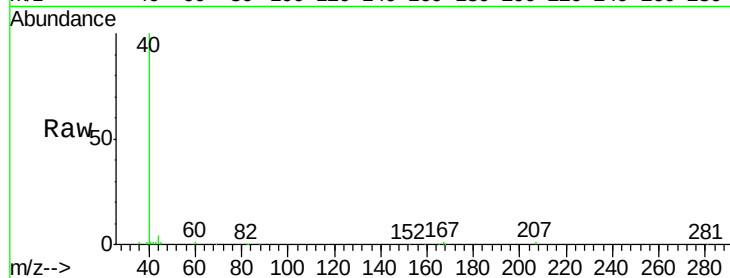
Tot Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 775.8 24.1 36.1#

58 0.0 50.8 76.2#



#50

Toluene-d8

Concen: 49.354 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054436.D

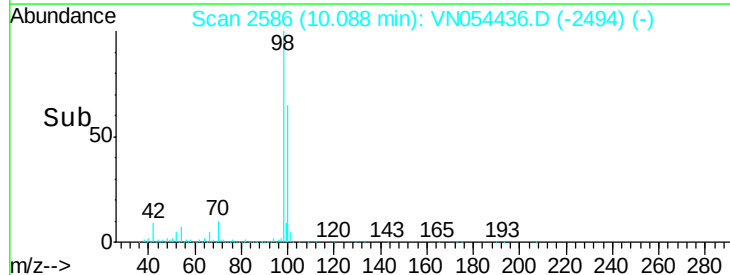
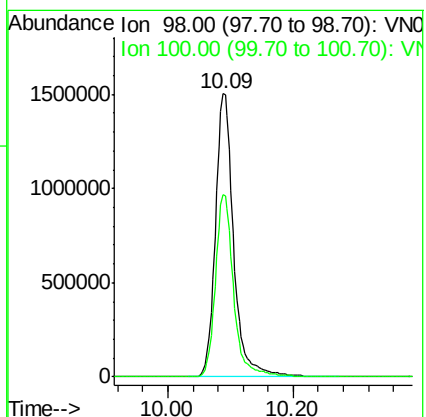
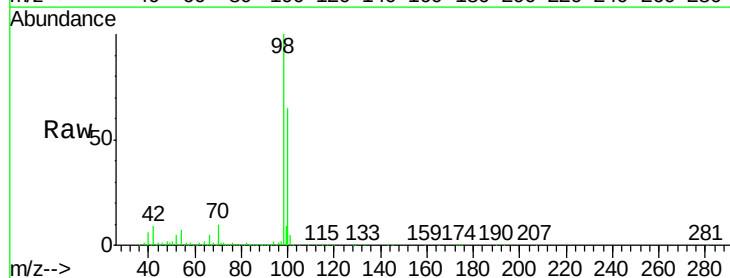
Acq: 19 Mar 2019 13:09

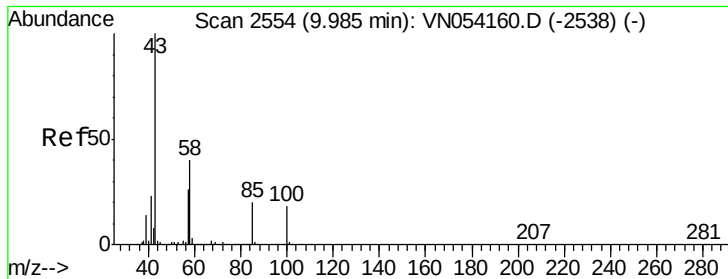
Tgt Ion: 98 Resp: 3034285

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.219 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

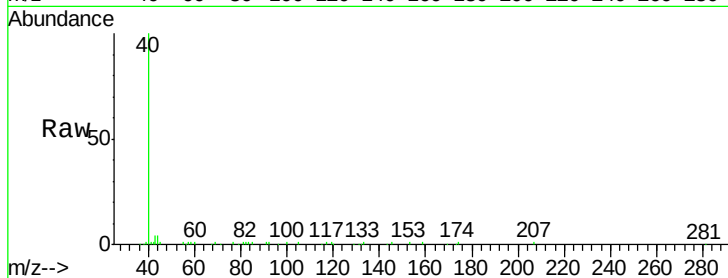
ClientSampled :

Tot Ion: 43 Resp: 2779

Ion Ratio Lower Upper

43 100

58 50.3 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

1500

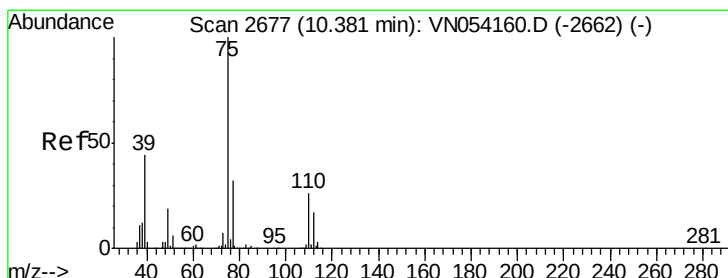
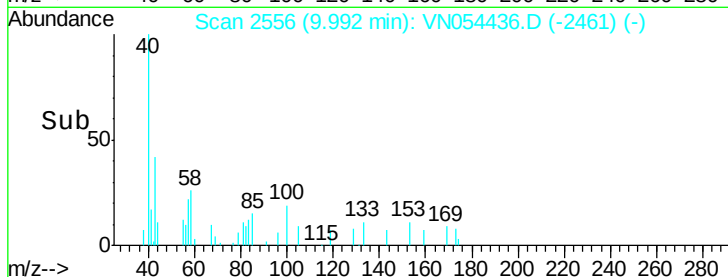
1000

500

0

9.95 10.00

Time-->



#53

t-1,3-Dichloropropene

Concen: 1.997 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054436.D

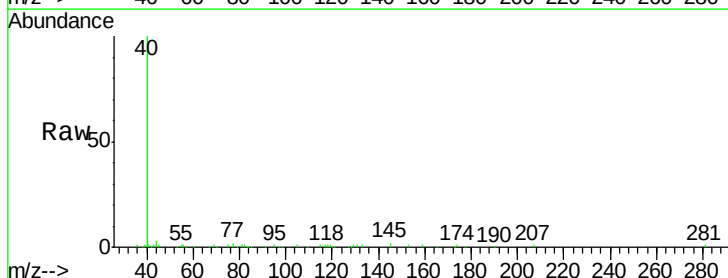
Acq: 19 Mar 2019 13:09

Tgt Ion: 75 Resp: 304

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

1500

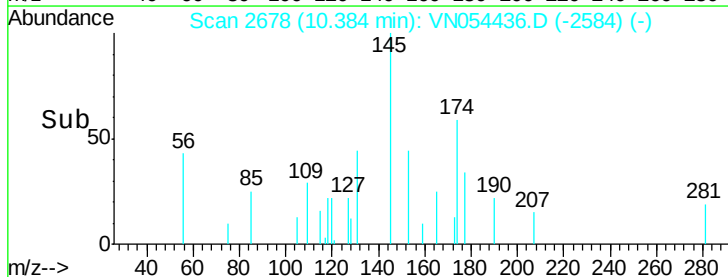
1000

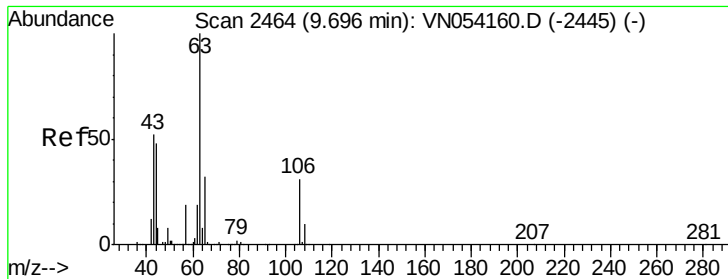
500

0

10.36 10.38 10.40

Time-->

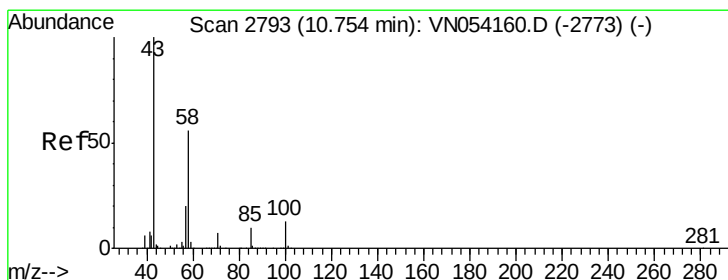
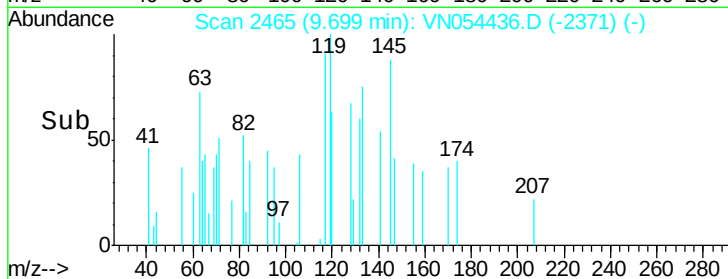
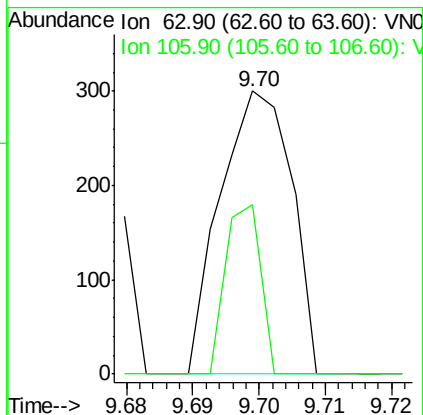
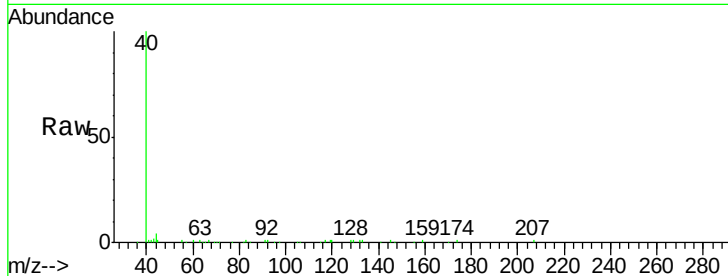




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.854 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

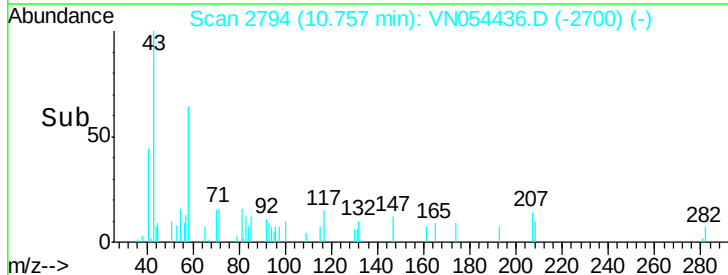
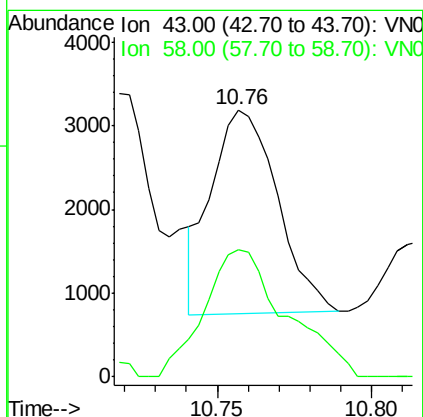
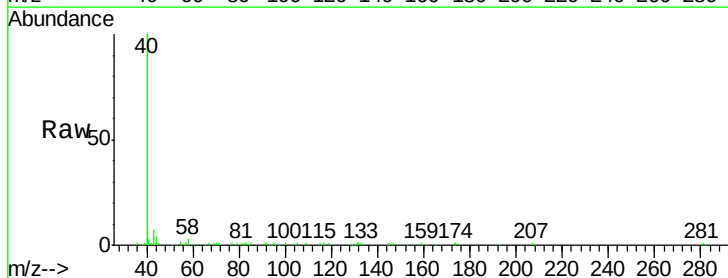
Instrument :
 MSVOA_N
 ClientSampled :

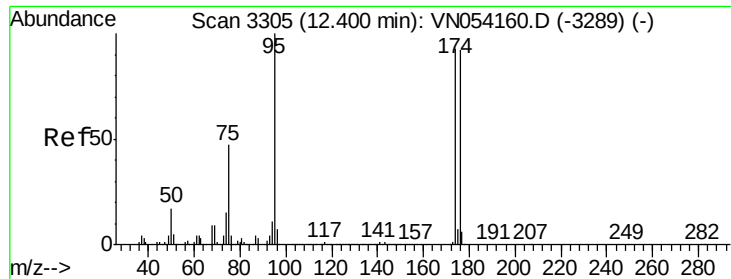
Tot Ion: 63 Resp: 224
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.4 36.6



#59
 2-Hexanone
 Concen: 0.430 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN054436.D
 Acq: 19 Mar 2019 13:09

Tgt Ion: 43 Resp: 3631
 Ion Ratio Lower Upper
 43 100
 58 77.2 28.0 83.9





#62

4-Bromofluorobenzene

Concen: 45.328 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

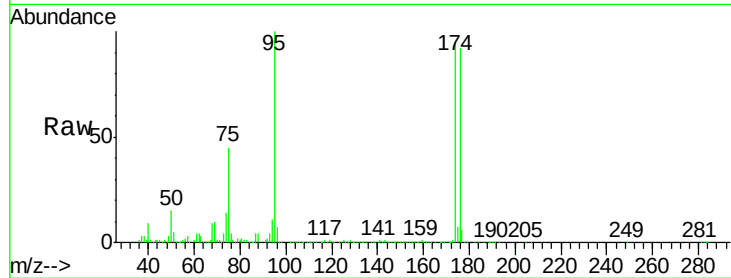
Tot Ion: 95 Resp: 975106

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

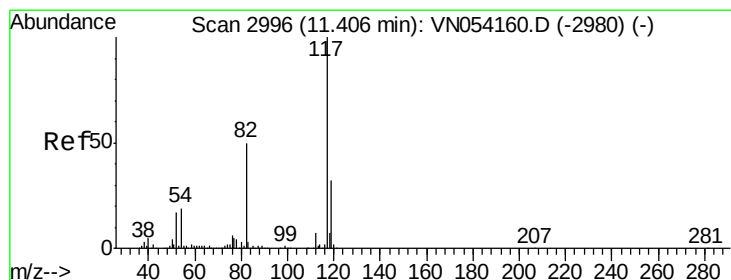
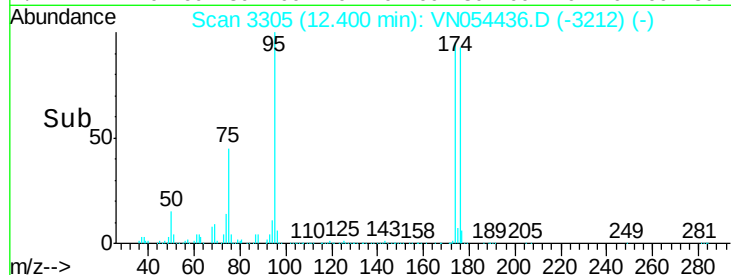
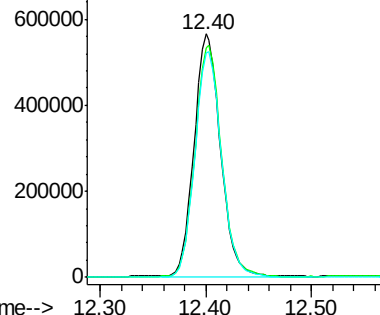
176 94.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

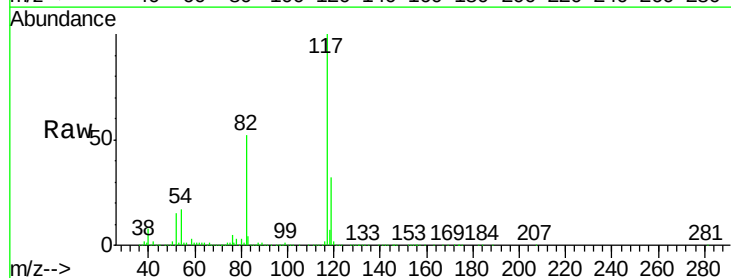
Tgt Ion: 117 Resp: 2250676

Ion Ratio Lower Upper

117 100

82 51.5 40.0 60.0

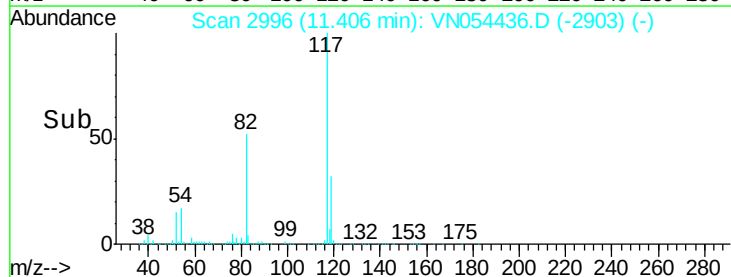
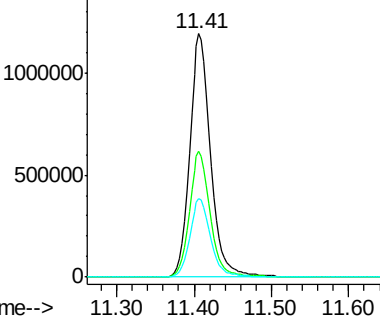
119 32.4 25.8 38.6

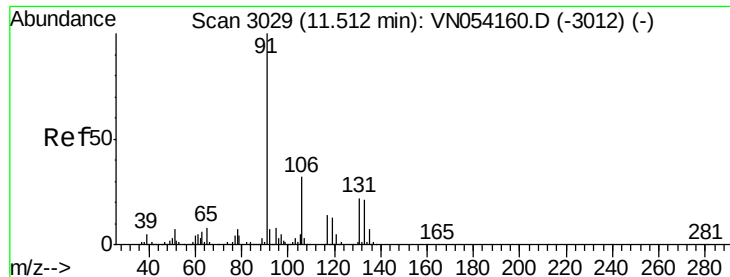


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#67

Ethyl Benzene

Concen: 0.203 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

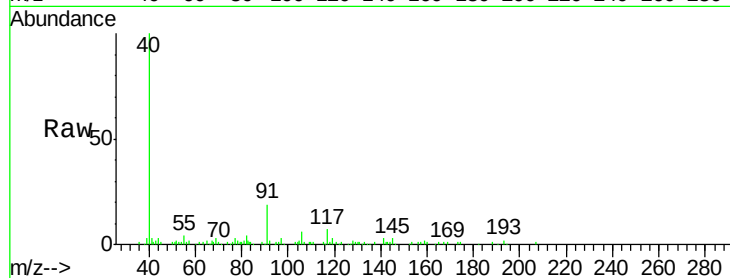
ClientSampled :

Tot Ion: 91 Resp: 16604

Ion Ratio Lower Upper

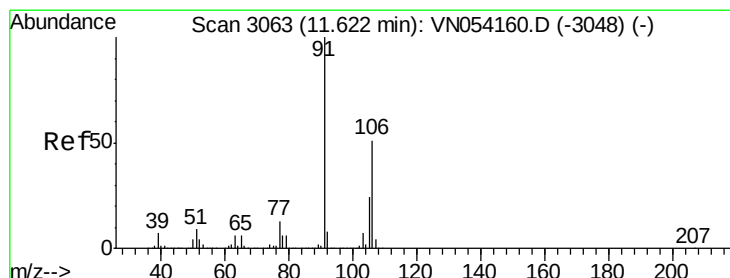
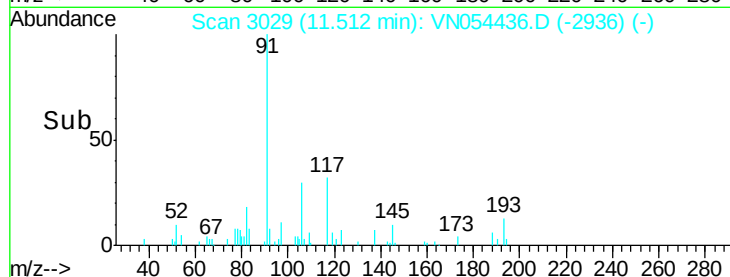
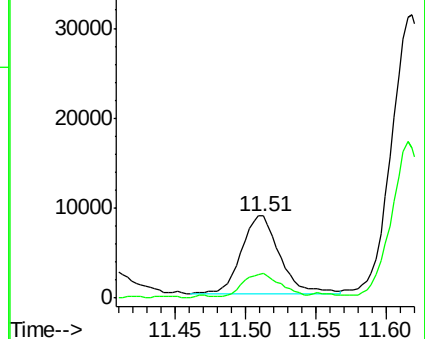
91 100

106 32.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054436.D (-2936) (-)

Ion 106.00 (105.70 to 106.70): VN054436.D (-2936) (-)



#68

m/p-Xylenes

Concen: 1.069 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054436.D

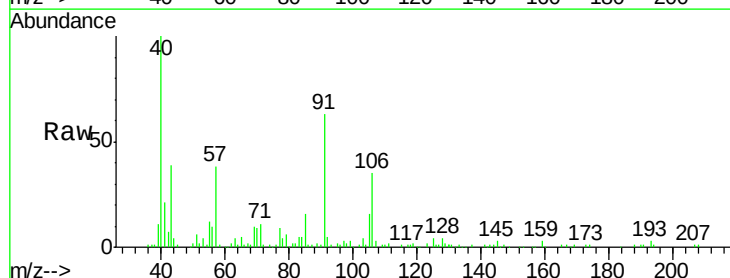
Acq: 19 Mar 2019 13:09

Tgt Ion: 106 Resp: 34236

Ion Ratio Lower Upper

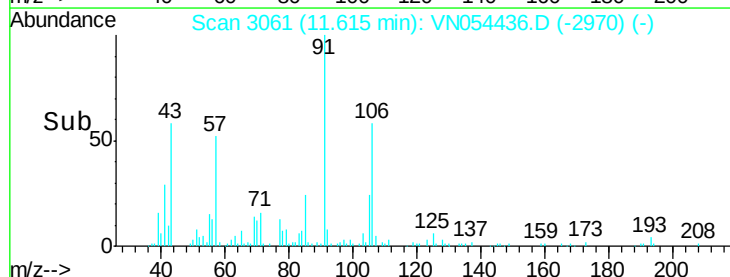
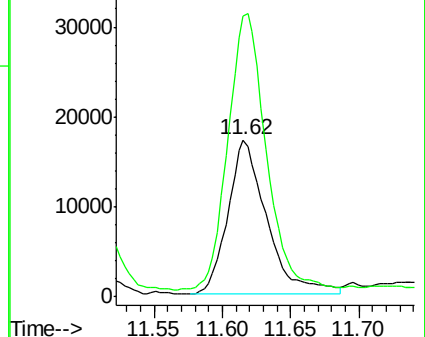
106 100

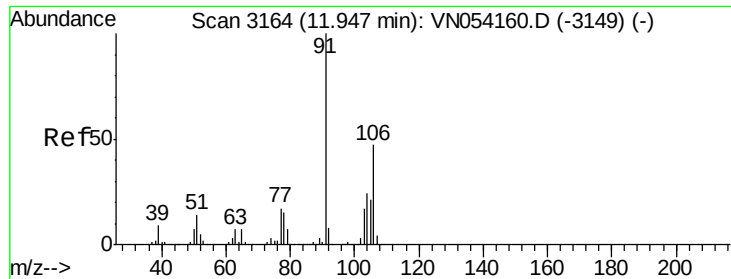
91 174.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054436.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN054436.D (-2970) (-)

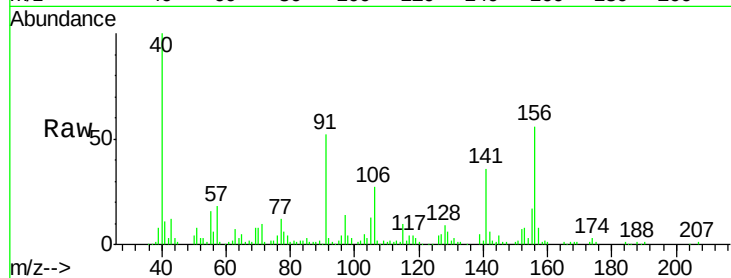




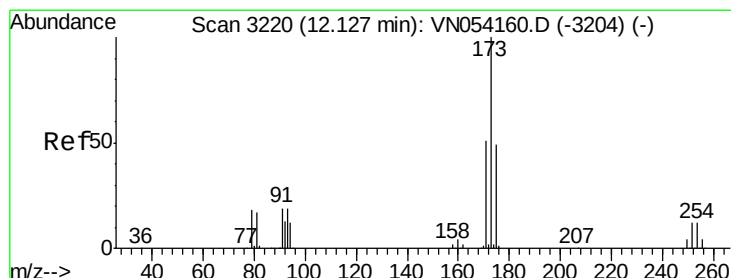
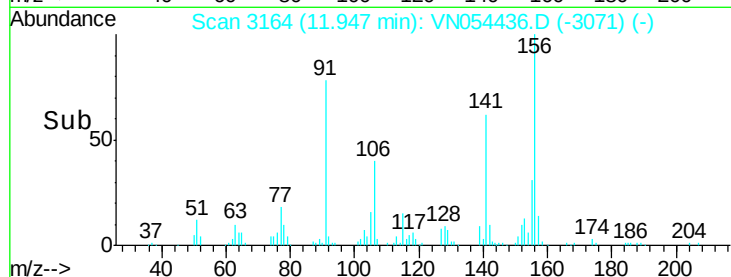
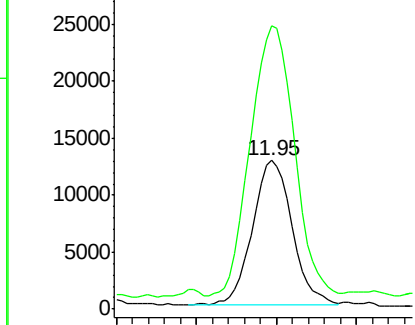
#69
o-Xylene
Concen: 0.699 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 21814
Ion Ratio Lower Upper
106 100
91 204.4 105.7 317.1

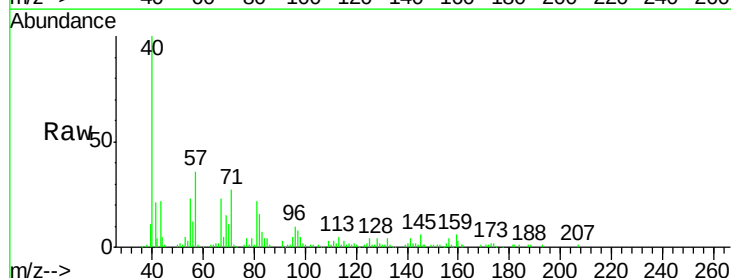


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

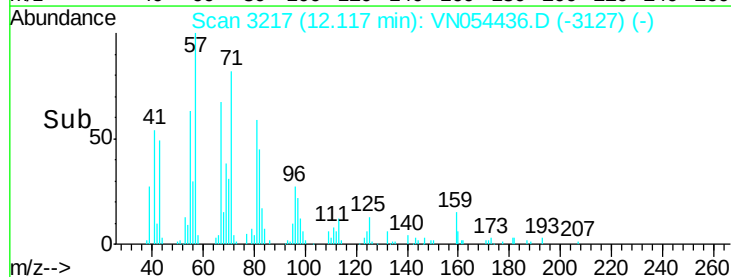
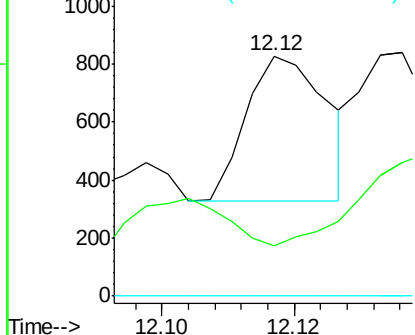


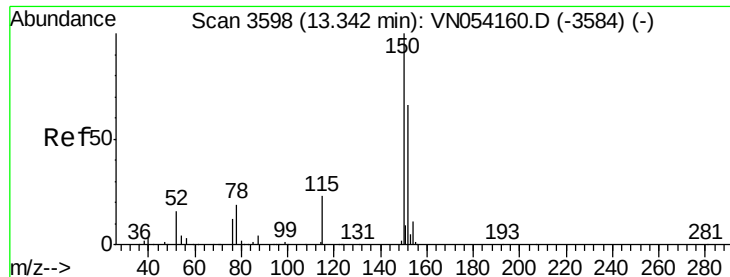
#71
Bromoform
Concen: 2.380 ug/l
RT: 12.12 min Scan# 3217
Delta R.T. -0.01 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Tgt Ion:173 Resp: 418
Ion Ratio Lower Upper
173 100
175 0.0 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



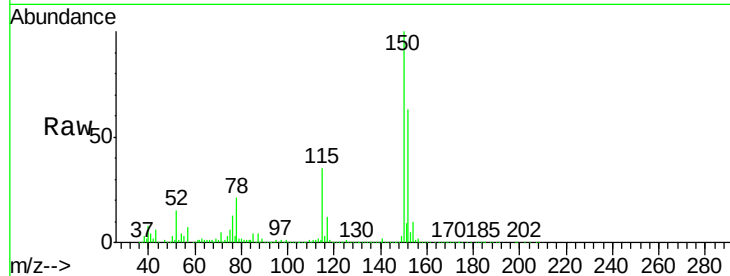


#72

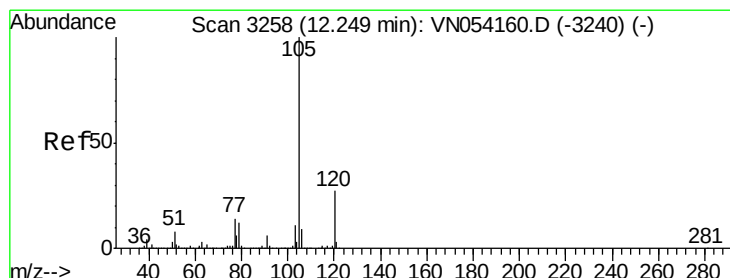
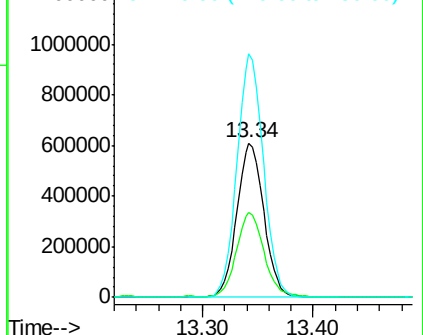
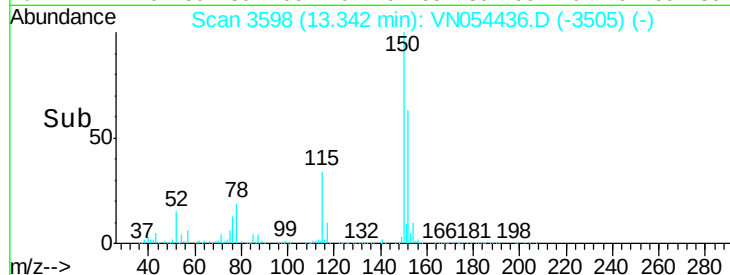
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 1024921
Ion Ratio Lower Upper
152 100
115 56.4 27.2 81.6
150 155.9 0.0 349.2



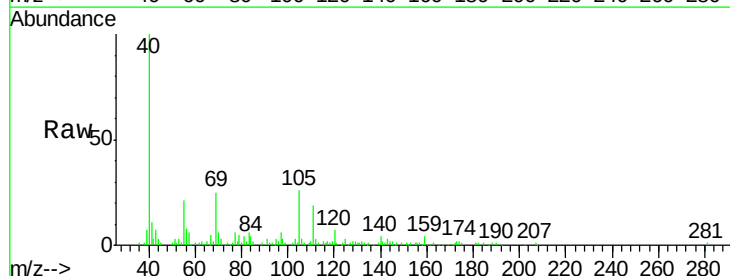
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



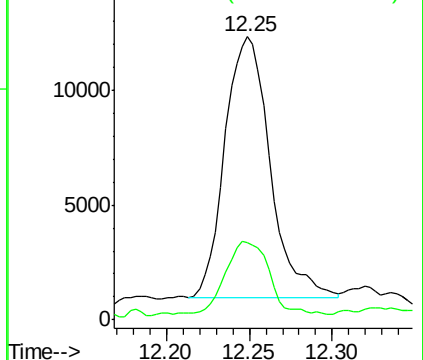
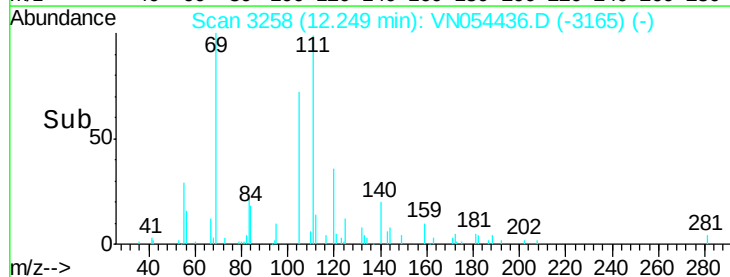
#73

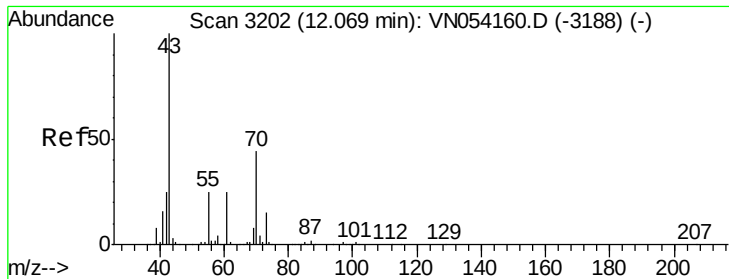
Isopropylbenzene
Concen: 0.262 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Tgt Ion:105 Resp: 21452
Ion Ratio Lower Upper
105 100
120 29.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.043 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN054436.D

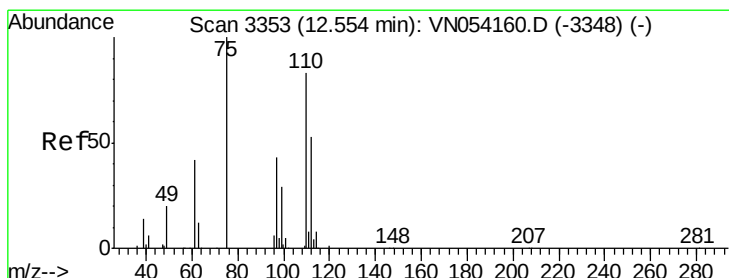
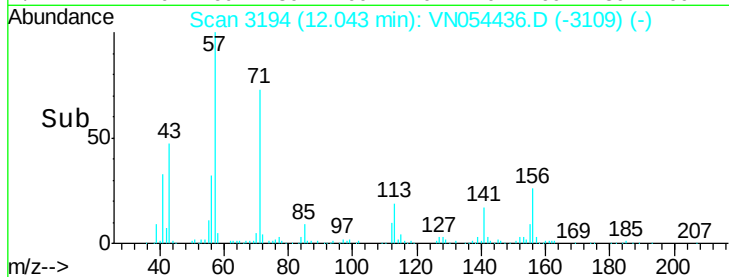
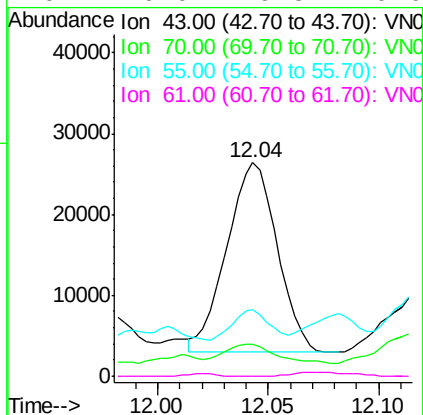
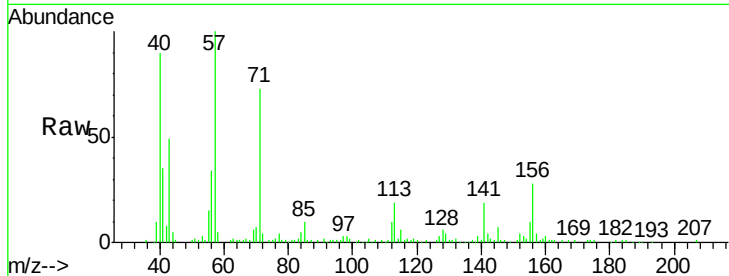
Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	37187
Ion	Ratio	Lower	Upper
43	100		
70	10.7	35.4	53.0#
55	11.1	19.8	29.6#
61	0.0	19.8	29.6#



#76

1,2,3-Trichloropropane

Concen: 28.950 ug/l

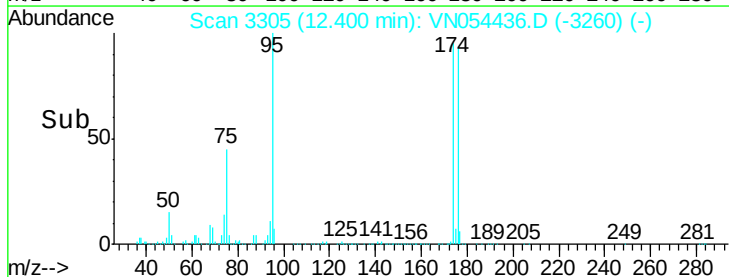
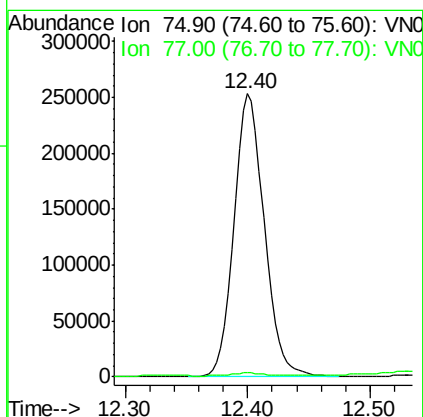
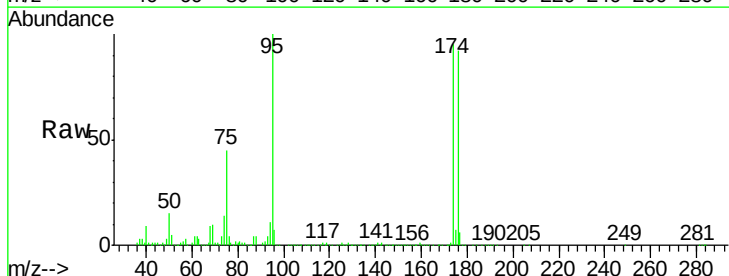
RT: 12.40 min Scan# 3305

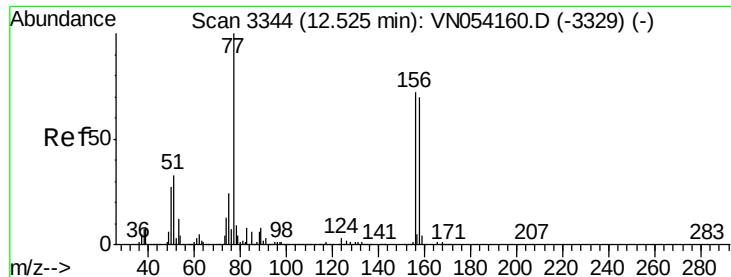
Delta R.T. -0.15 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Tgt Ion:	75	Resp:	436329
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#77

Bromobenzene

Concen: 12.626 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

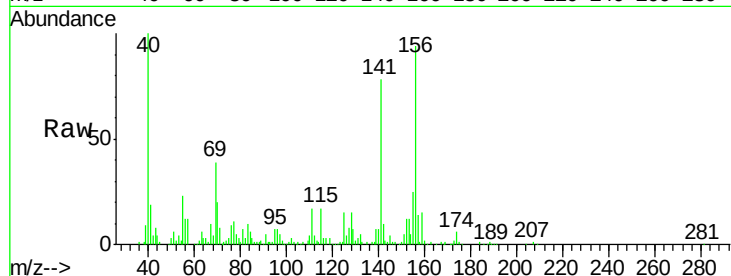
Tot Ion:156 Resp: 273967

Ion Ratio Lower Upper

156 100

77 0.0 81.5 244.4#

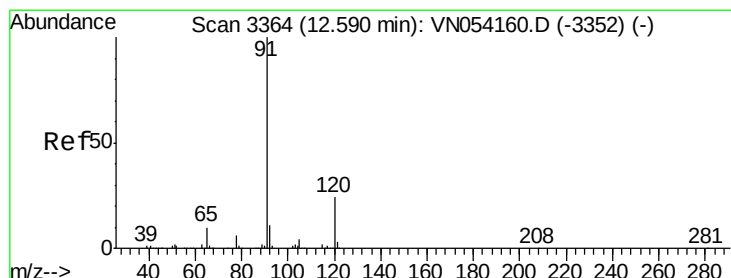
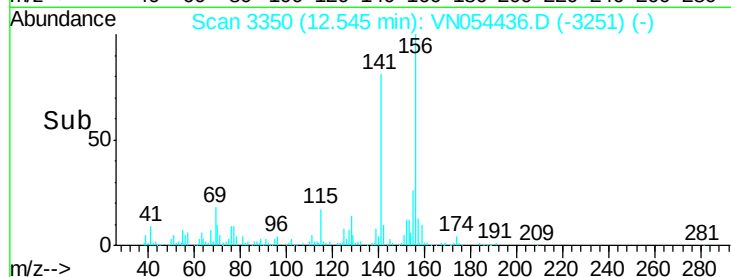
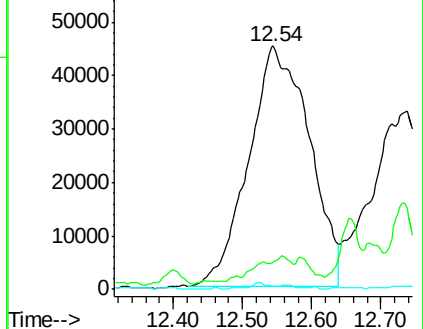
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.913 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054436.D

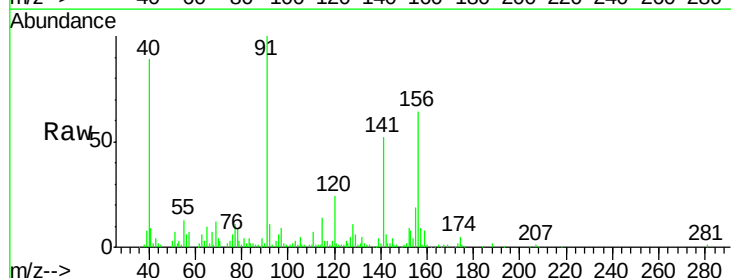
Acq: 19 Mar 2019 13:09

Tgt Ion: 91 Resp: 81263

Ion Ratio Lower Upper

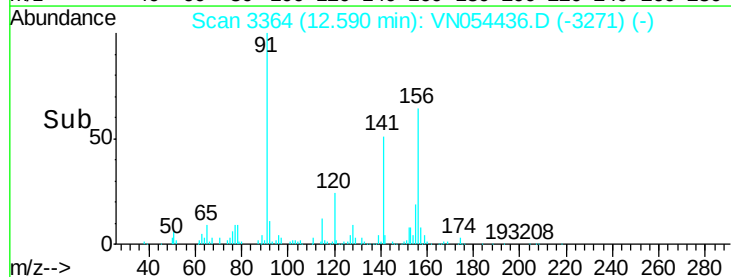
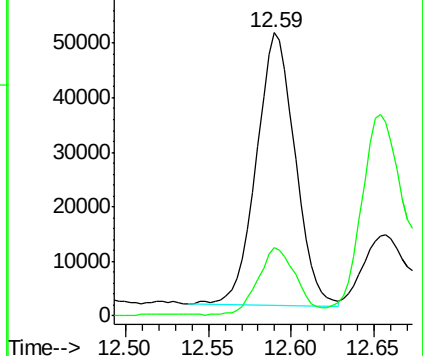
91 100

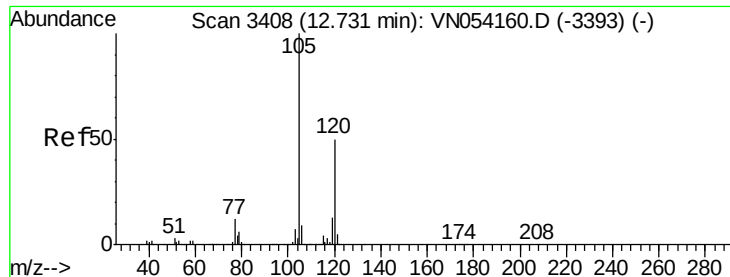
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.538 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

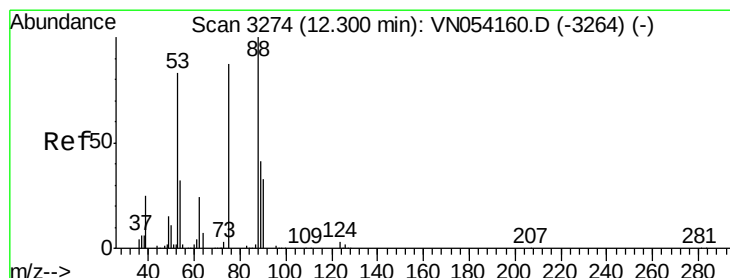
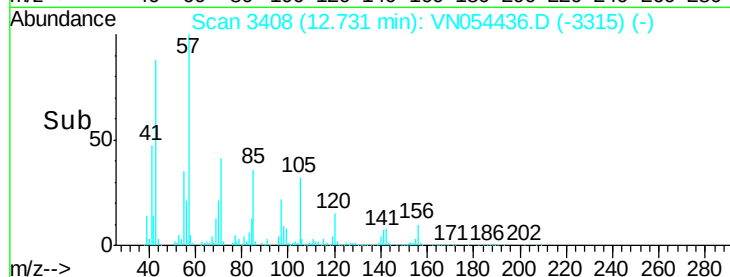
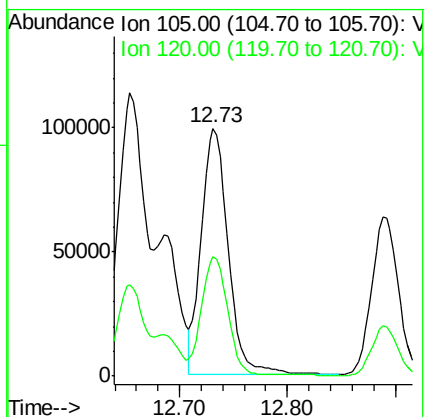
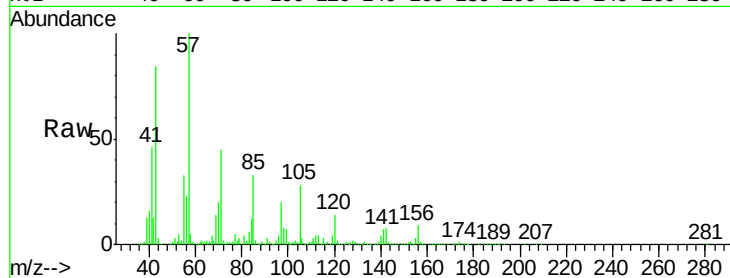
ClientSampled :

Tot Ion:105 Resp: 173095

Ion Ratio Lower Upper

105 100

120 45.9 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 98.963 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

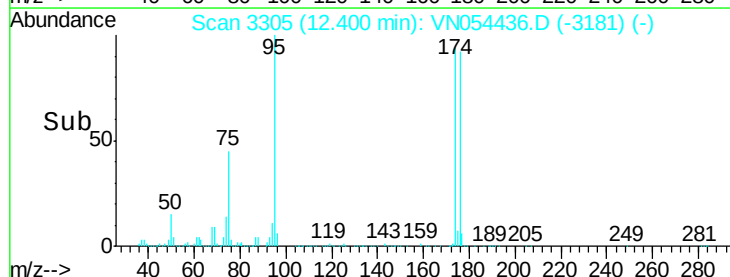
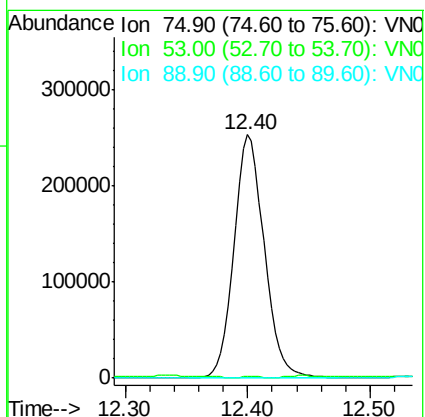
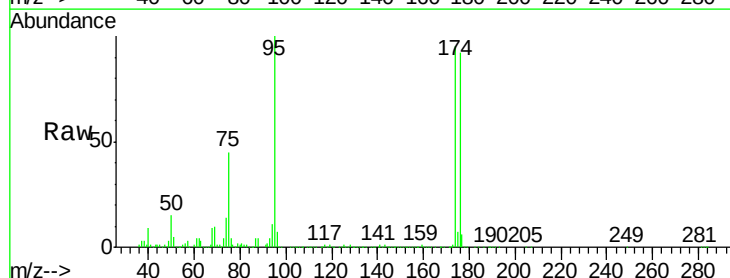
Tgt Ion: 75 Resp: 436329

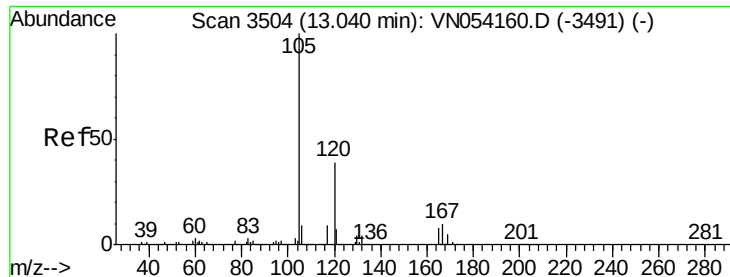
Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.1 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 7.908 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

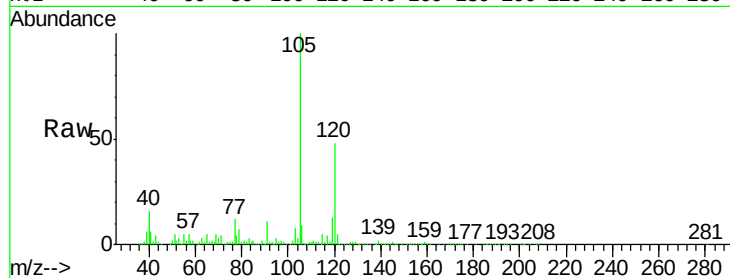
ClientSampleId :

Tot Ion:105 Resp: 529130

Ion Ratio Lower Upper

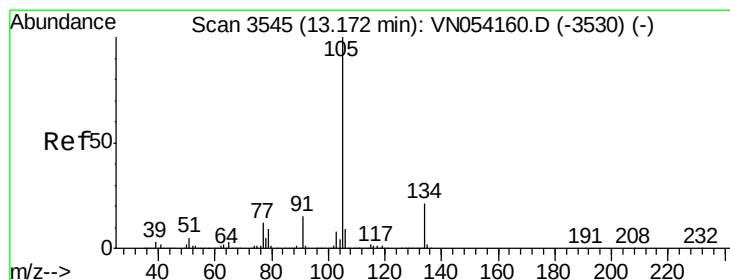
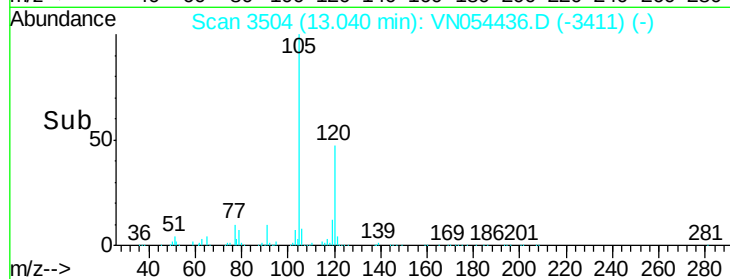
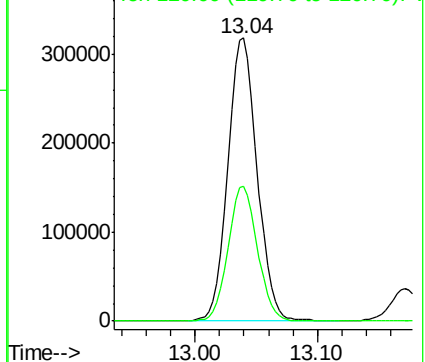
105 100

120 48.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.716 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054436.D

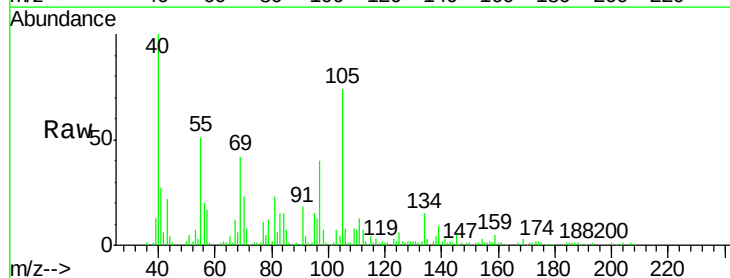
Acq: 19 Mar 2019 13:09

Tgt Ion:105 Resp: 58270

Ion Ratio Lower Upper

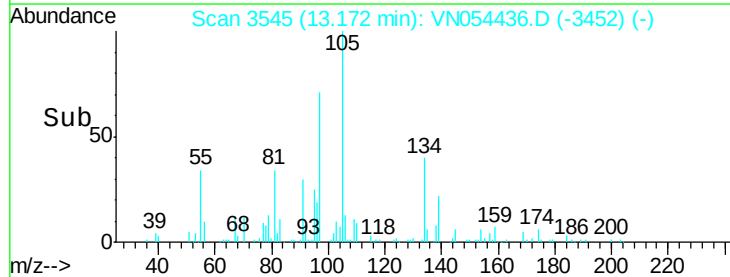
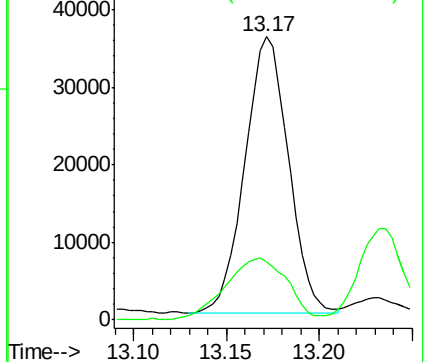
105 100

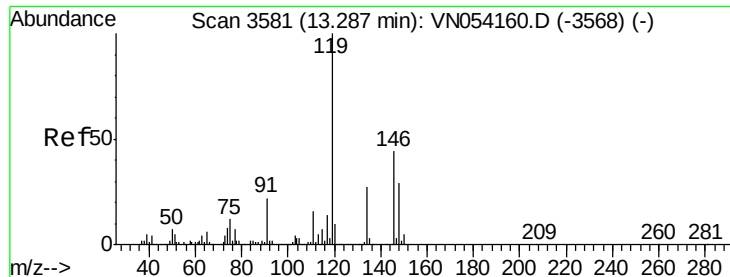
134 31.7 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

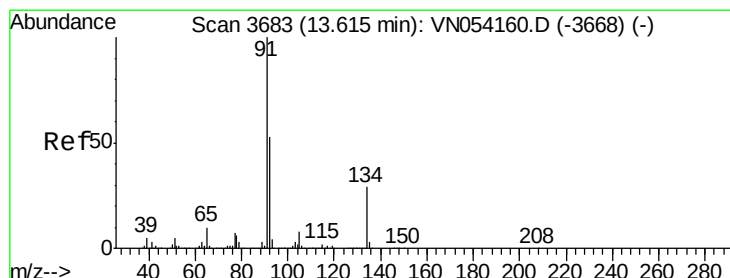
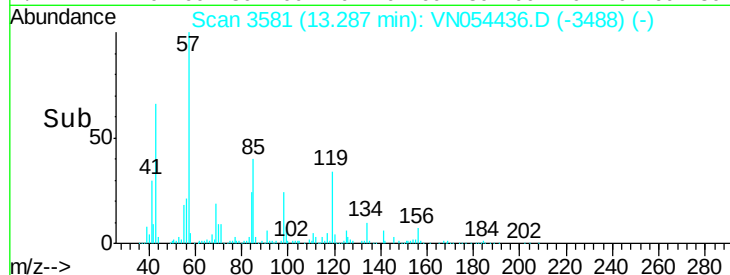
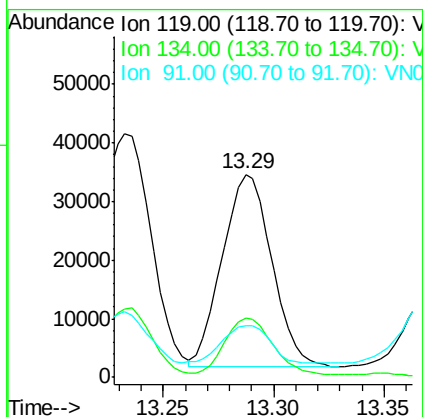
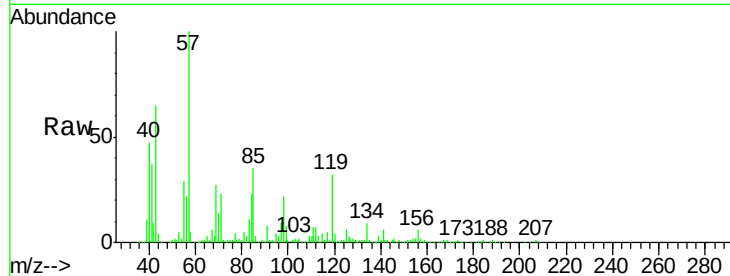




#86
p-Isopropyltoluene
Concen: 0.713 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

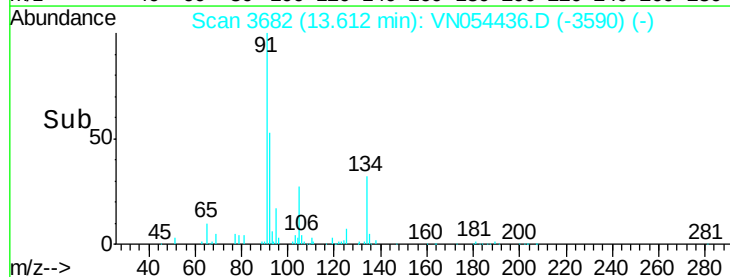
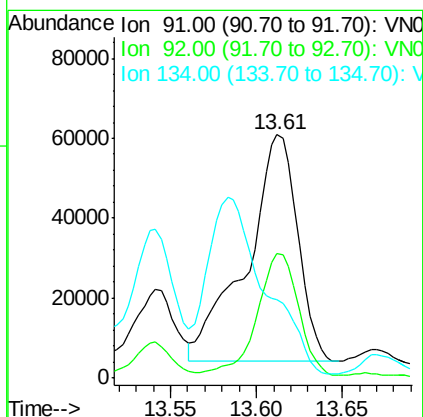
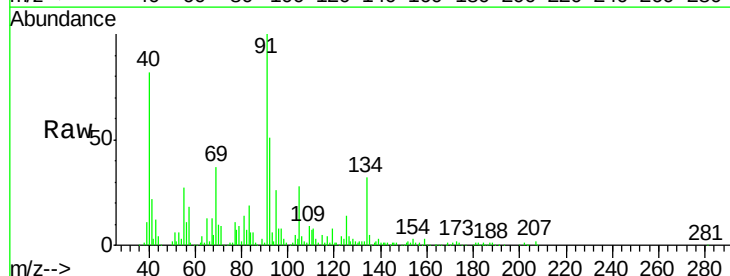
Instrument :
MSVOA_N
ClientSampled :

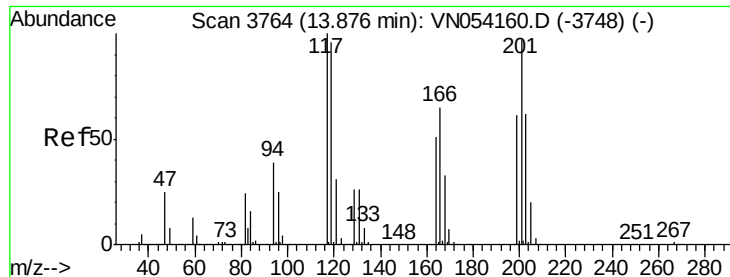
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	13.6	40.8
91	19.1	11.1	33.3



#89
n-Butylbenzene
Concen: 2.165 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.6	26.2	78.6
134	0.0	14.3	42.9





#90

Hexachloroethane

Concen: 1.368 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

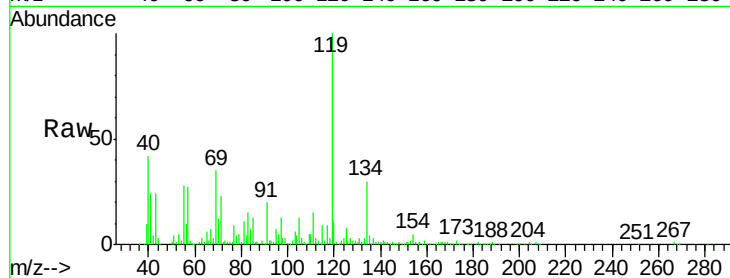
ClientSampleId :

Tot Ion:117 Resp: 16179

Ion Ratio Lower Upper

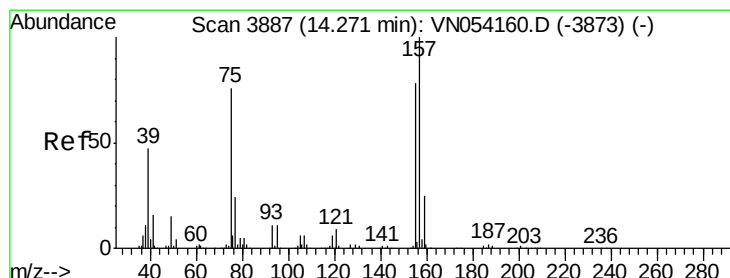
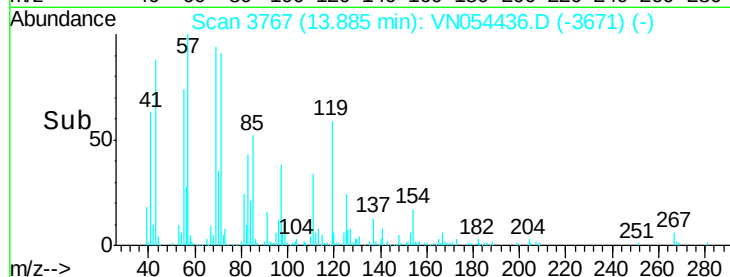
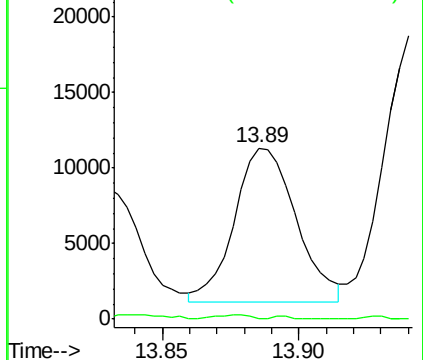
117 100

201 1.5 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.439 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

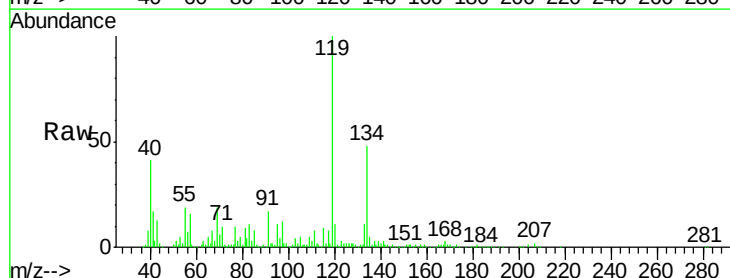
Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

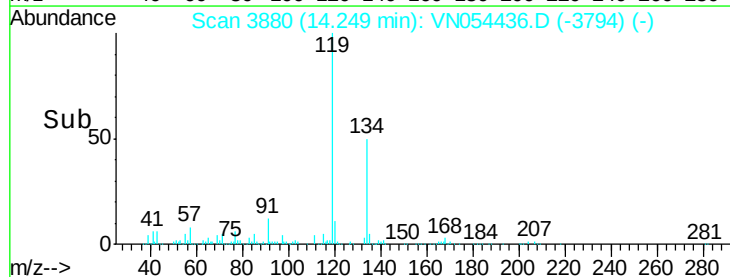
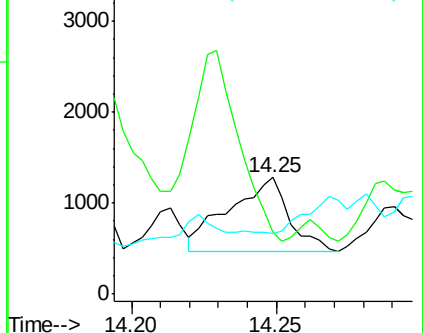
157 36.4 63.1 189.3#

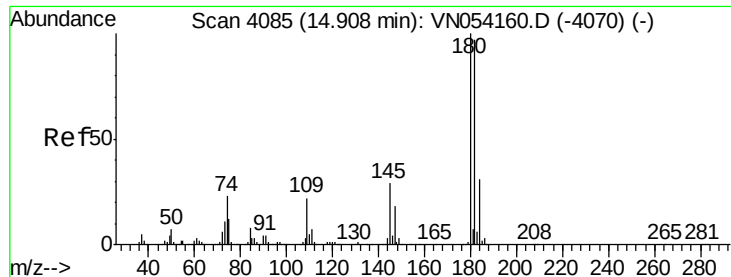


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.866 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

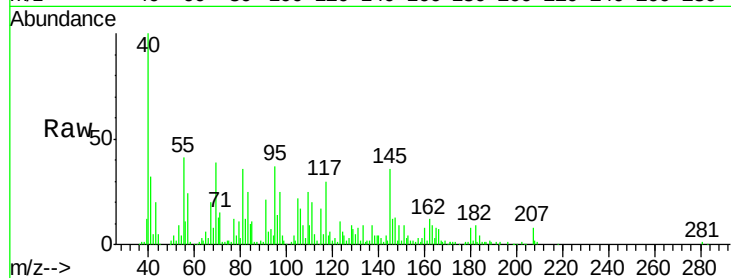
Tot Ion:180 Resp: 7938

Ion Ratio Lower Upper

180 100

182 108.0 48.0 144.2

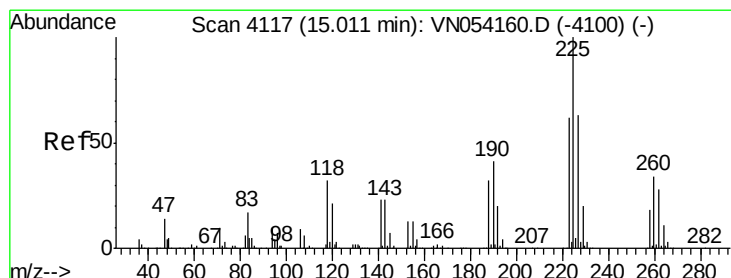
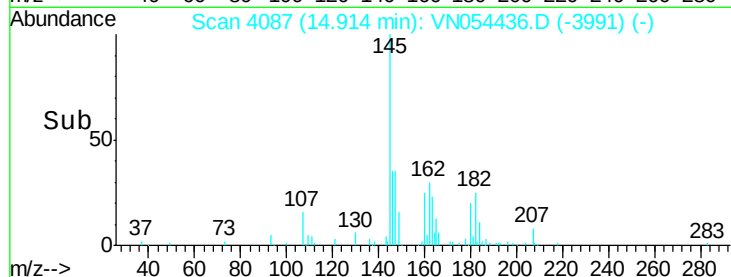
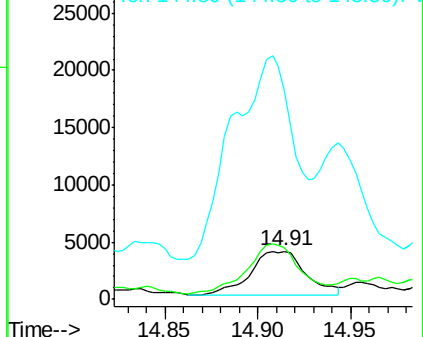
145 509.2 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.222 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054436.D

Acq: 19 Mar 2019 13:09

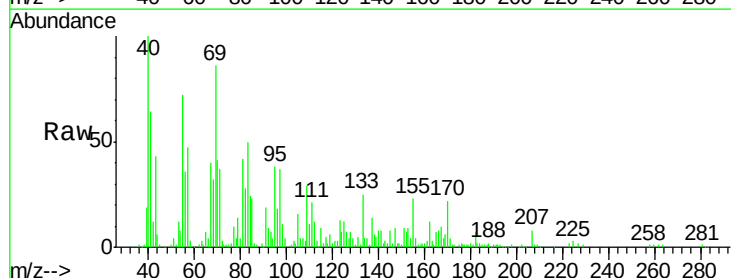
Tgt Ion:225 Resp: 3020

Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.5

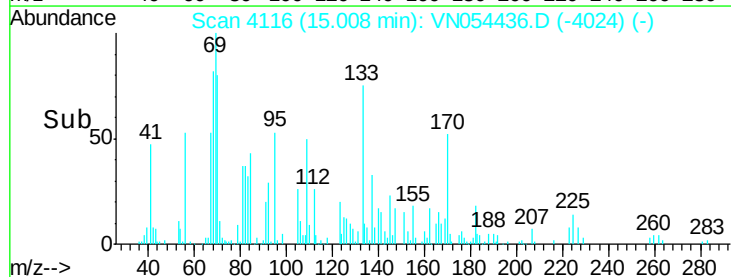
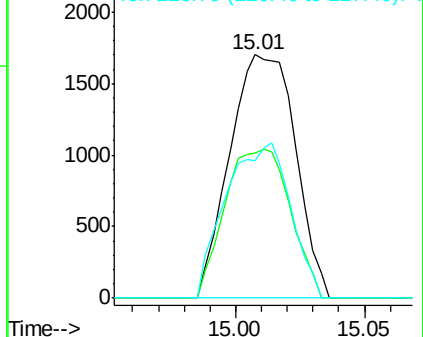
227 62.7 31.9 95.9

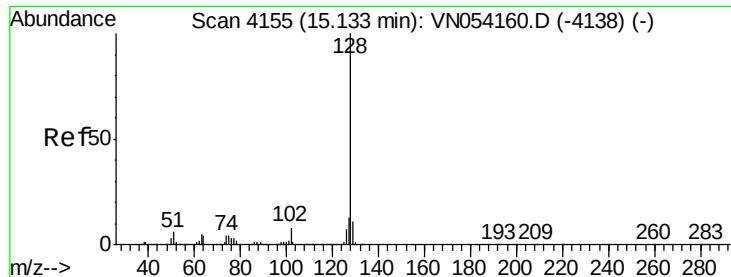


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

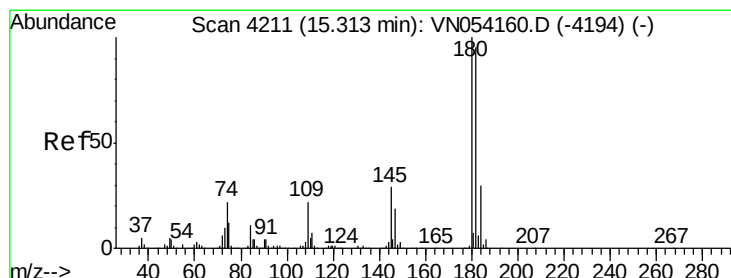
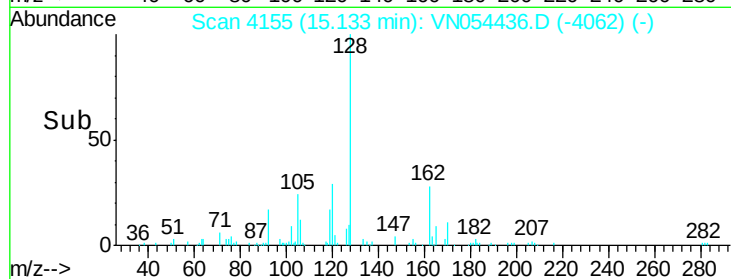
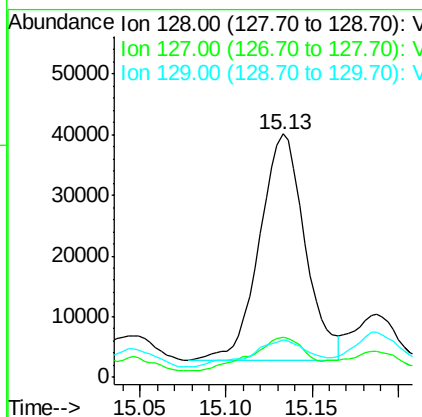
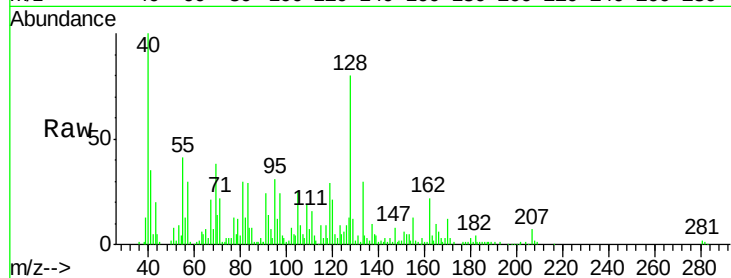




#95
Naphthalene
Concen: 4.893 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 68734
Ion Ratio Lower Upper
128 100
127 17.6 10.1 15.1#
129 14.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.357 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN054436.D
Acq: 19 Mar 2019 13:09

Tgt Ion:180 Resp: 6784
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.6
145 482.8 14.8 44.3#

