

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032419\
 Data File : VN054645.D
 Acq On : 24 Mar 2019 13:55
 Operator : JC/SP
 Sample : K2047-07
 Misc : 6.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 06:12:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	523427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	854872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321471	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	343251	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	258719	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1053492	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	340241	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	2181	0.319	ug/l #	85
11) Tert butyl alcohol	4.78	59	236	0.599	ug/l #	70
18) Methyl Acetate	4.32	43	1338	0.307	ug/l #	83
20) Methylene Chloride	4.54	84	3359	0.582	ug/l #	85
31) Cyclohexane	7.66	56	17450	Below Cal	#	20
36) 1,1-Dichloropropene	7.66	75	39641	4.959	ug/l #	48
38) Carbon Tetrachloride	7.66	117	49307	6.348	ug/l #	17
39) Methylcyclohexane	9.08	83	24443	2.673	ug/l #	84
40) Benzene	8.03	78	6174	0.270	ug/l	96
43) Isopropyl Acetate	8.15	43	2278	0.237	ug/l #	60
48) Methyl methacrylate	9.22	41	1179	0.226	ug/l #	11
51) 4-Methyl-2-Pentanone	10.02	43	3928	0.738	ug/l #	78
53) t-1,3-Dichloropropene	10.25	75	331	2.272	ug/l #	42
55) 1,1,2-Trichloroethane	10.53	97	4887	0.967	ug/l #	22
56) Ethyl methacrylate	10.43	69	2350	0.346	ug/l #	1
59) 2-Hexanone	10.72	43	12080	3.476	ug/l #	27
65) Chlorobenzene	11.43	112	690959	45.271	ug/l	100
71) Bromoform	12.39	173	427	2.328	ug/l #	1
74) N-amyl acetate	12.04	43	40779	5.475	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	180794	35.441	ug/l #	100
78) n-propylbenzene	12.59	91	10623	0.378	ug/l	98
79) 2-Chlorotoluene	12.68	91	6620	0.378	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.40	75	180794	117.599	ug/l #	11
82) 4-Chlorotoluene	12.68	91	6653	0.392	ug/l	75
83) tert-Butylbenzene	12.99	119	4858	0.263	ug/l	92
85) sec-Butylbenzene	13.17	105	16213	0.704	ug/l #	64
86) p-Isopropyltoluene	13.44	119	7123	0.346	ug/l	93
87) 1,3-Dichlorobenzene	13.36	146	52046	4.888	ug/l	87
88) 1,4-Dichlorobenzene	13.36	146	52046	5.024	ug/l #	86
89) n-Butylbenzene	13.62	91	16200	1.005	ug/l	94
90) Hexachloroethane	13.88	117	664	0.208	ug/l #	2
91) 1,2-Dichlorobenzene	13.65	146	73604	7.137	ug/l	89

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Response via : Initial Calibration

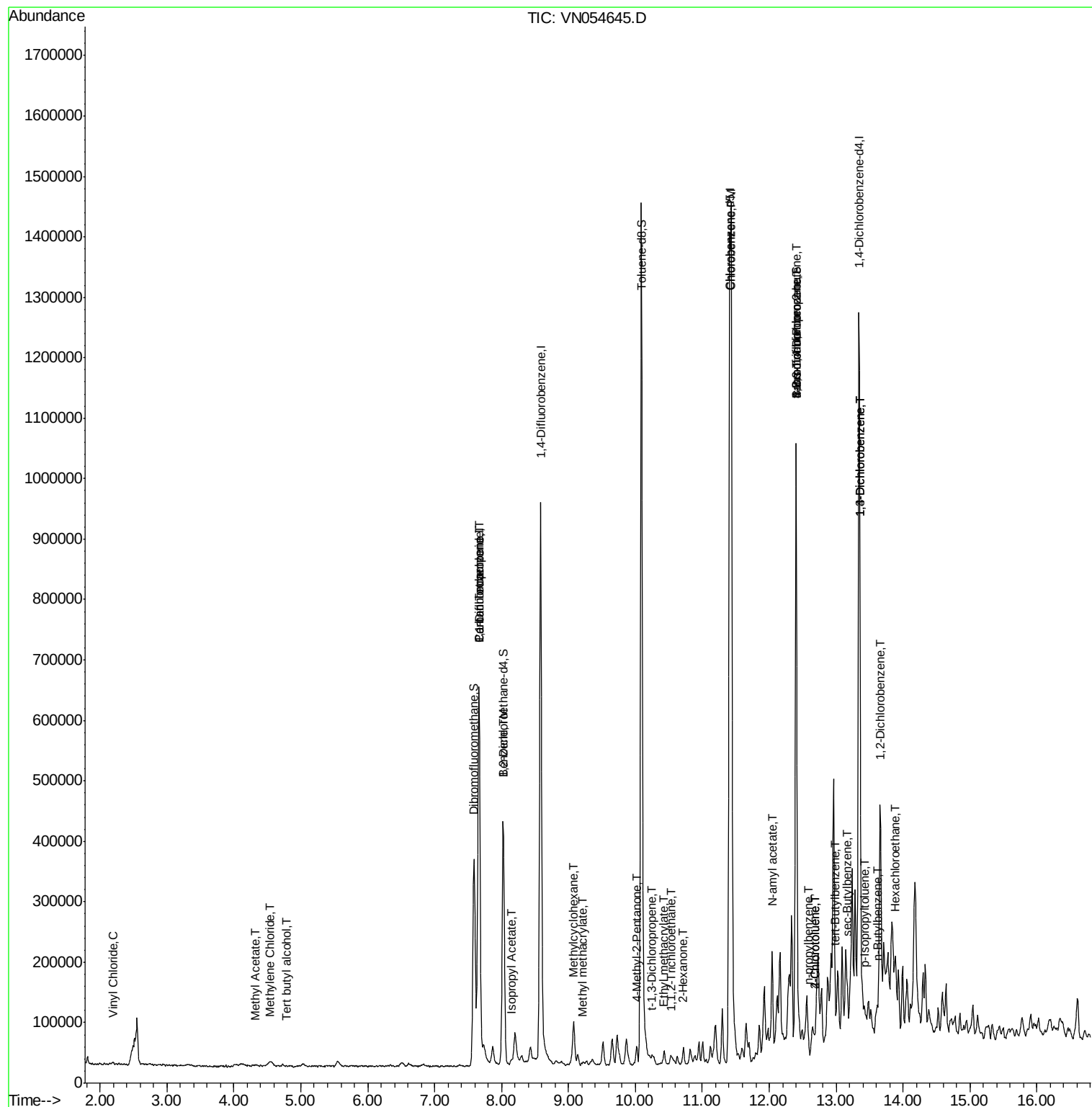
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

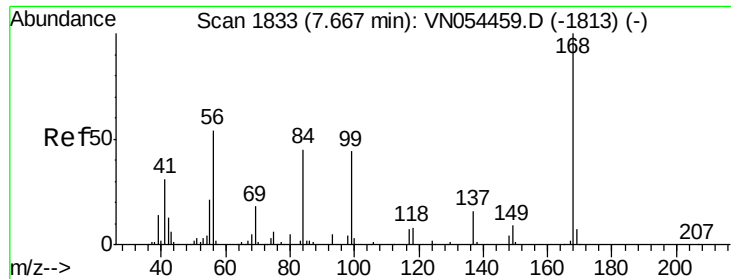
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

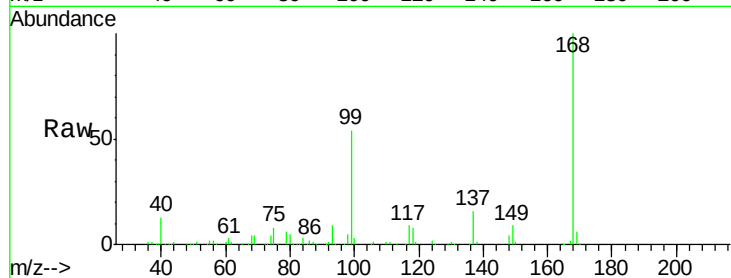
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 523427

Ion Ratio Lower Upper

168 100

99 54.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

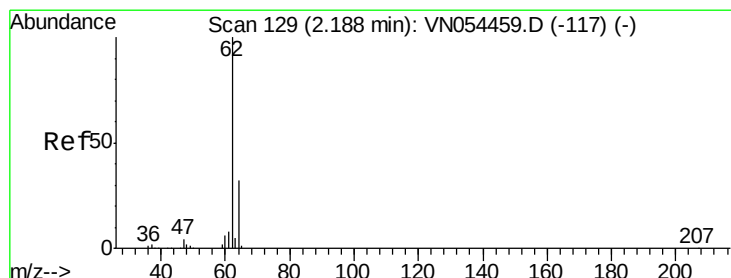
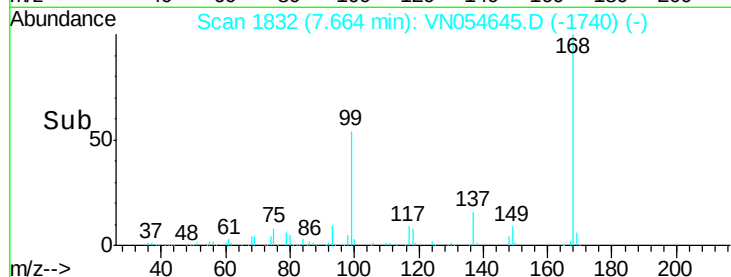
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.319 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054645.D

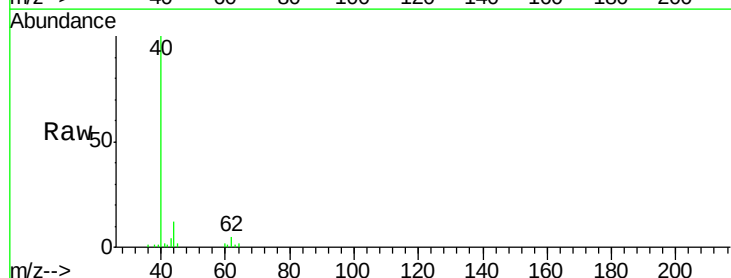
Acq: 24 Mar 2019 13:55

Tgt Ion: 62 Resp: 2181

Ion Ratio Lower Upper

62 100

64 40.1 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

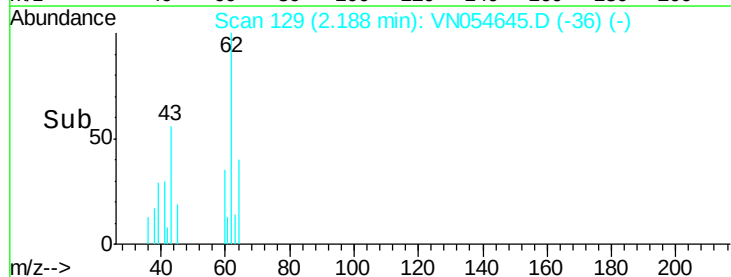
1500

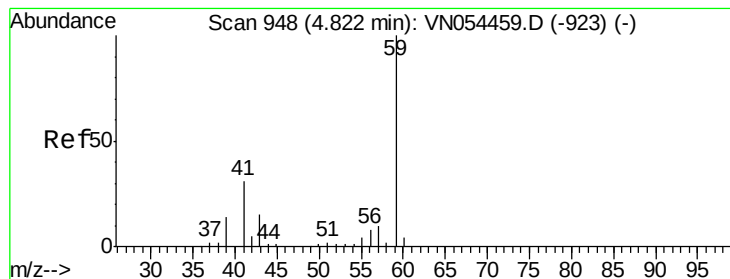
1000

500

0

Time-->



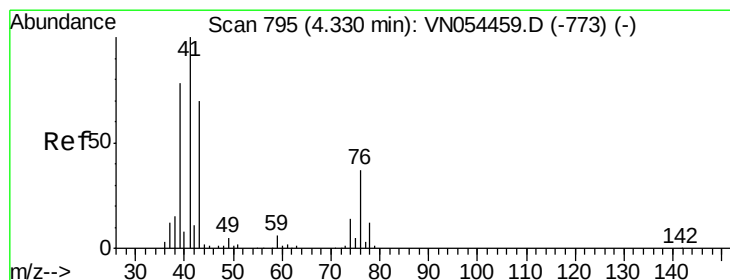
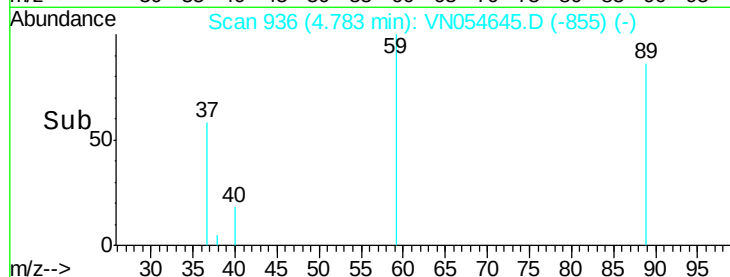
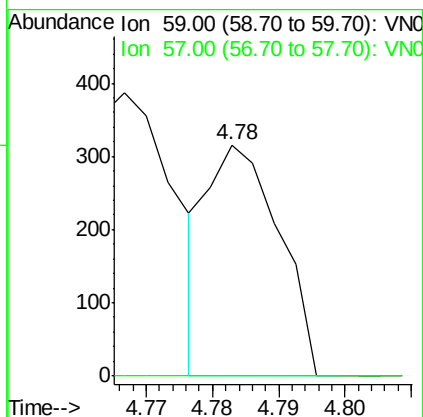
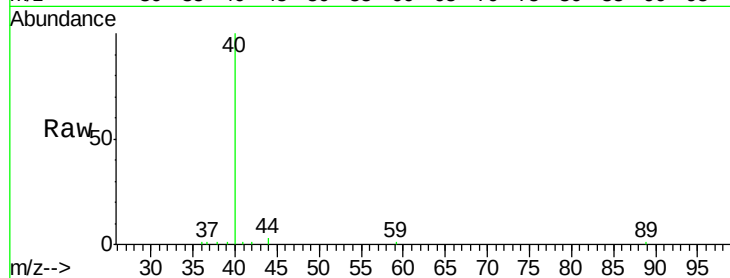


#11

Tert butyl alcohol
 Concen: 0.599 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.04 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Instrument :
 MSVOA_N
 ClientSampled :

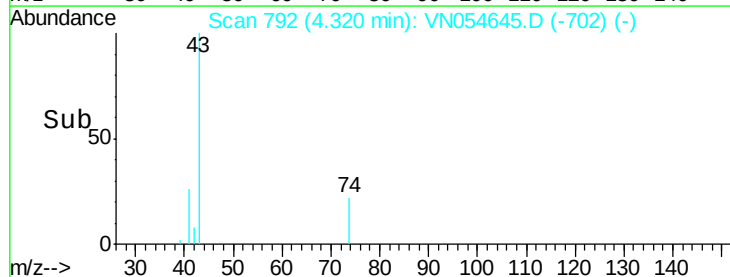
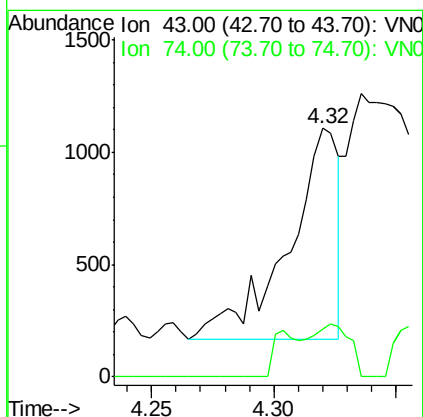
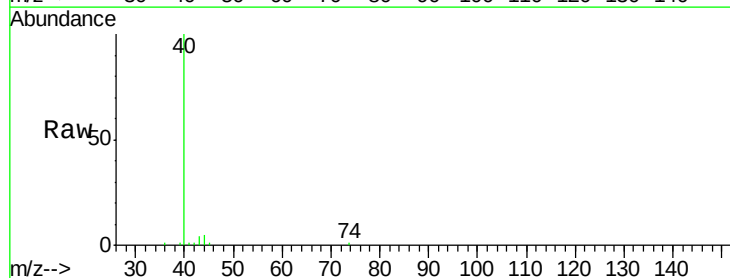
Tot Ion: 59 Resp: 236
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

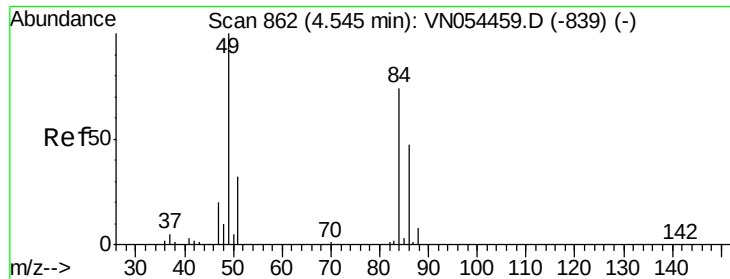


#18

Methyl Acetate
 Concen: 0.307 ug/l
 RT: 4.32 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Tgt Ion: 43 Resp: 1338
 Ion Ratio Lower Upper
 43 100
 74 17.1 20.8 31.2#

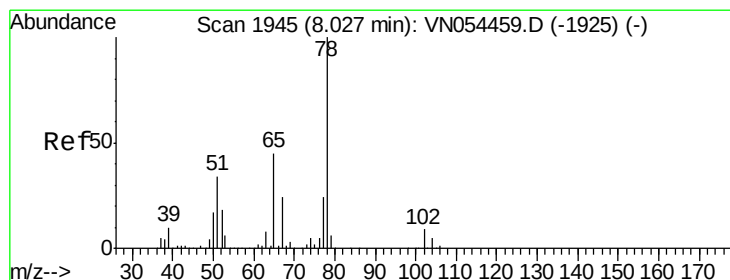
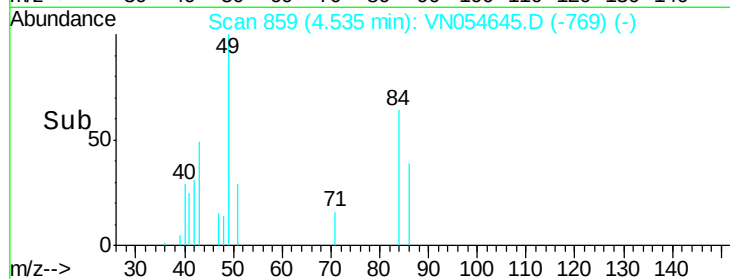
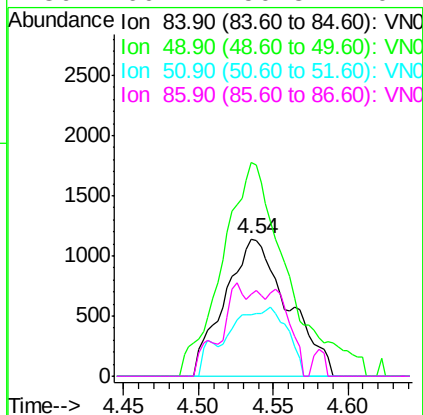
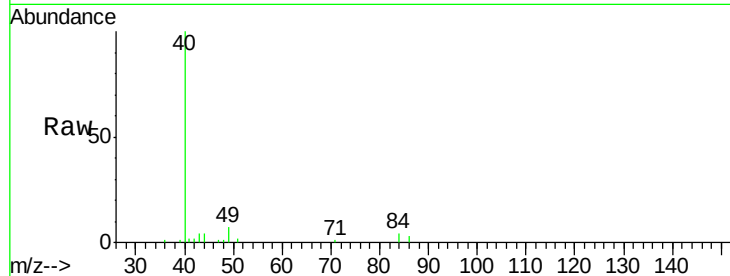




#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 4.54 min Scan# 859
Delta R.T. -0.01 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

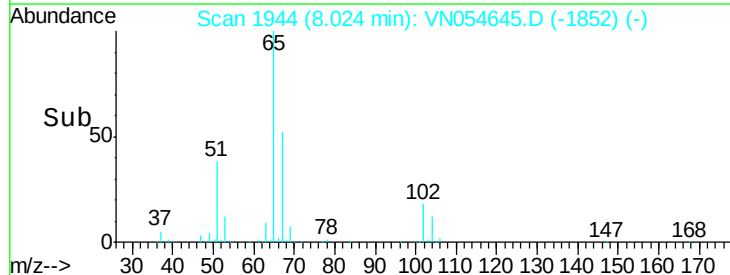
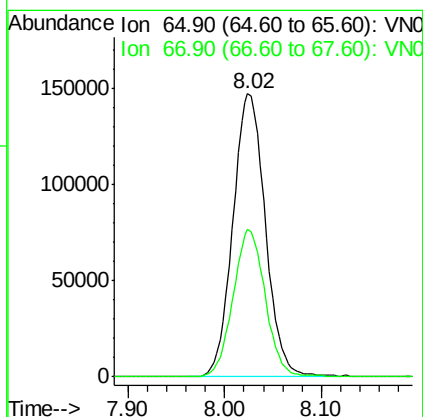
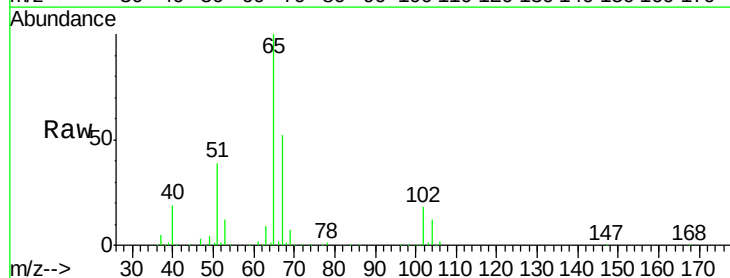
Instrument :
MSVOA_N
ClientSampleId :

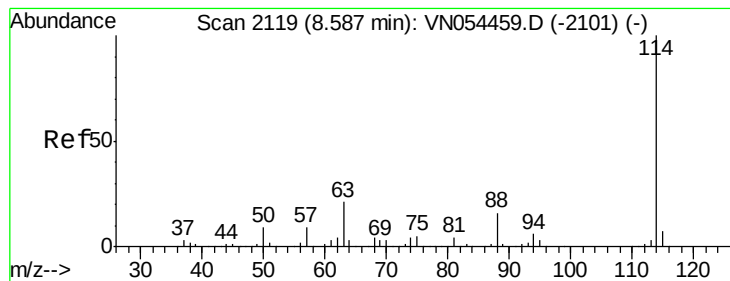
Tot Ion: 84 Resp: 3359
Ion Ratio Lower Upper
84 100
49 134.5 89.7 134.5
51 45.3 28.2 42.4#
86 60.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.722 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion: 65 Resp: 343251
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :
MSVOA_N
ClientSampled :

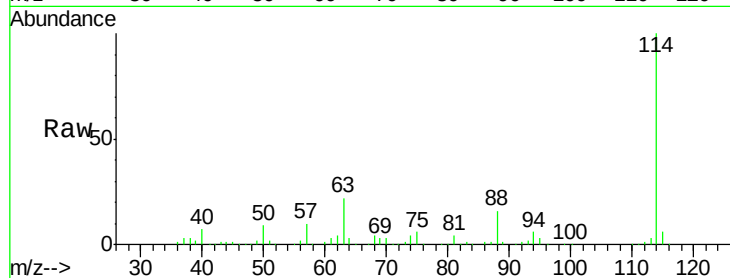
Tot Ion:114 Resp: 854872

Ion Ratio Lower Upper

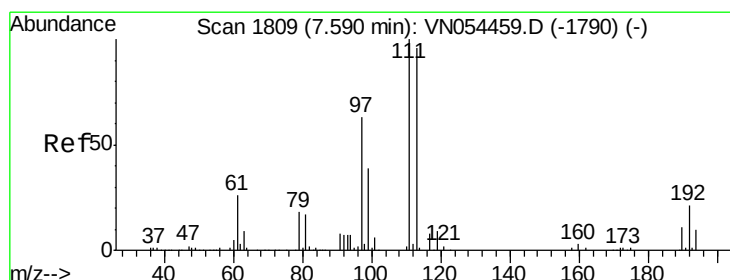
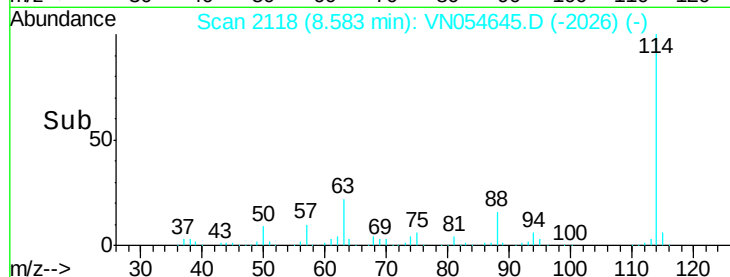
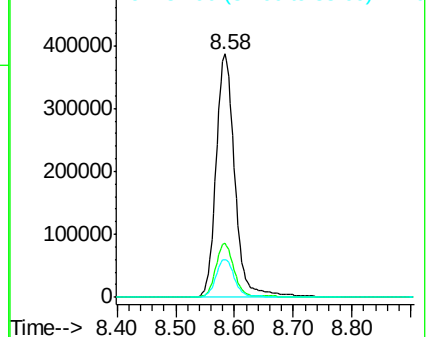
114 100

63 22.1 0.0 35.2

88 15.6 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: 46.976 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

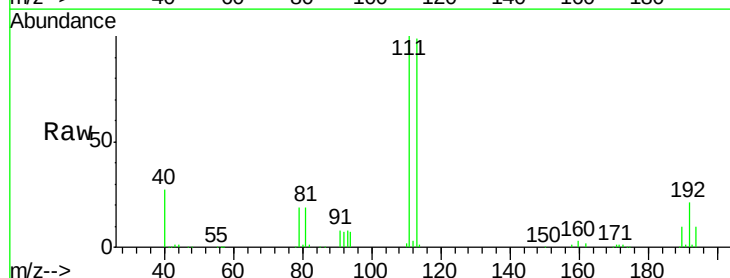
Tgt Ion:113 Resp: 258719

Ion Ratio Lower Upper

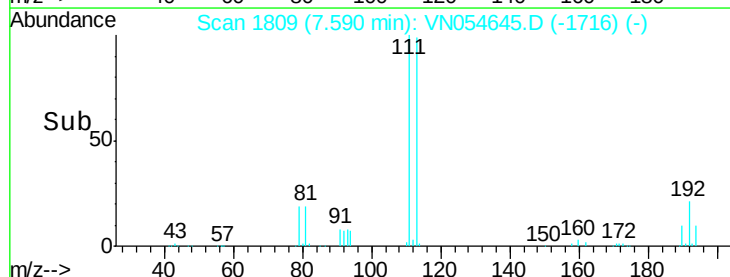
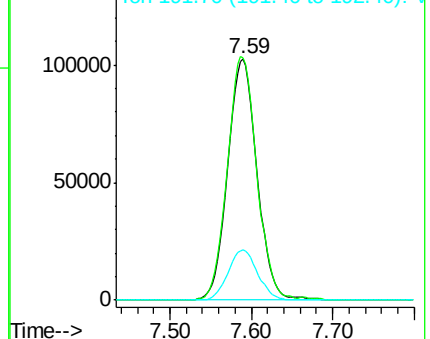
113 100

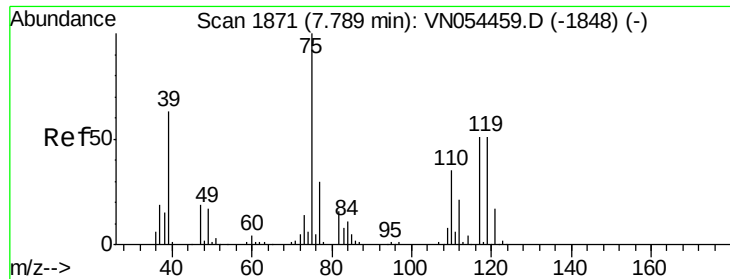
111 101.4 82.2 123.4

192 20.9 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

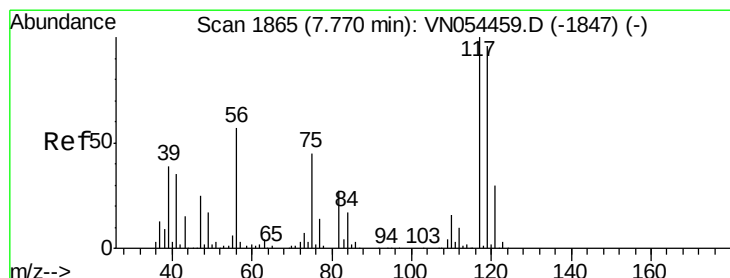
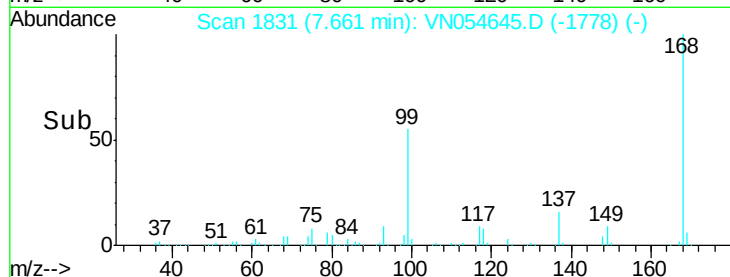
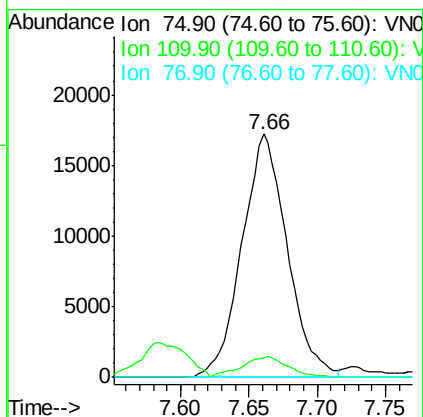
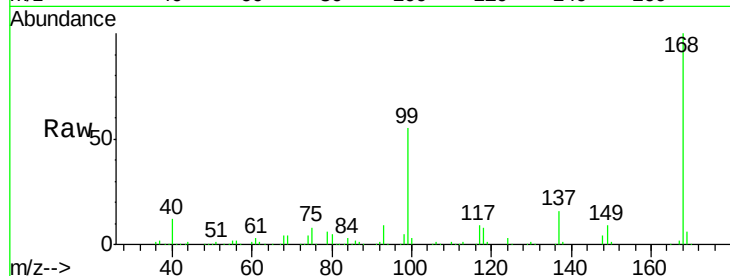




#36
 1,1-Dichloropropene
 Concen: 4.959 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

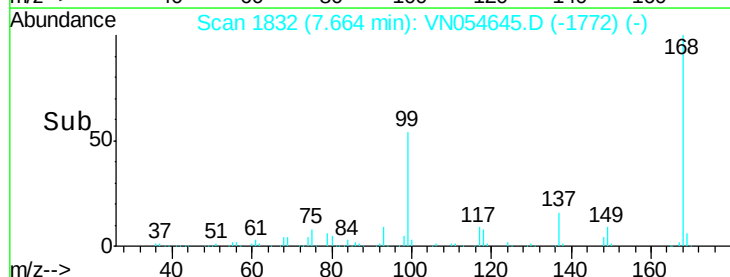
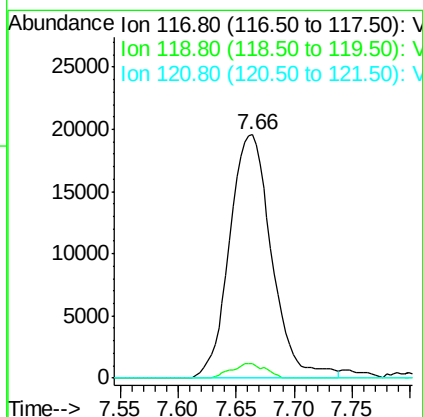
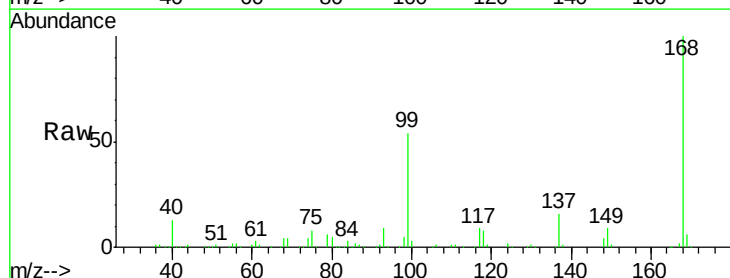
Instrument :
 MSVOA_N
 ClientSampleId :

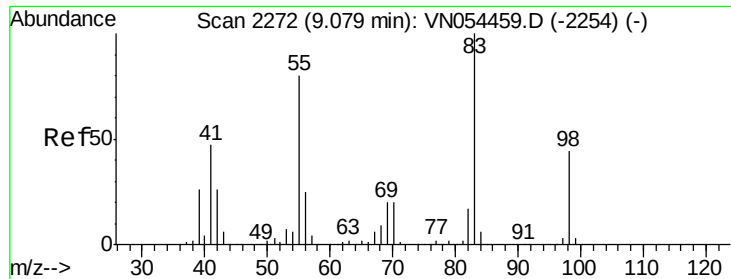
Tot Ion: 75 Resp: 39641
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.348 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Tgt Ion: 117 Resp: 49307
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.3 114.5#
 121 0.0 24.6 36.8#

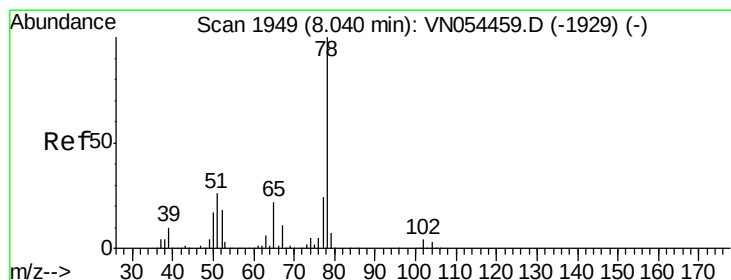
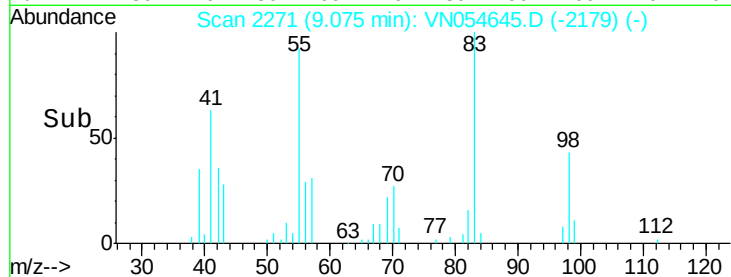
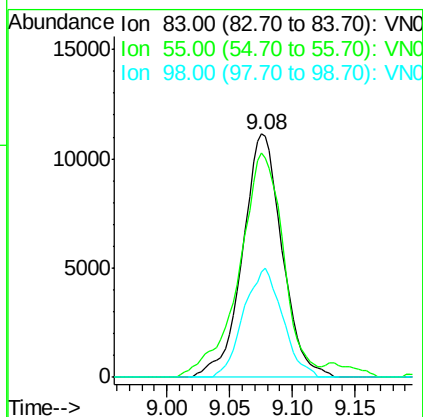
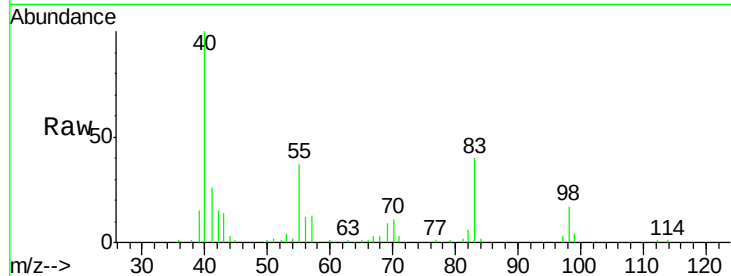




#39
Methylvlcyclohexane
Concen: 2.673 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

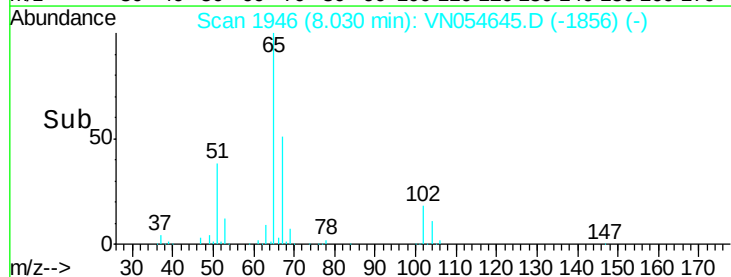
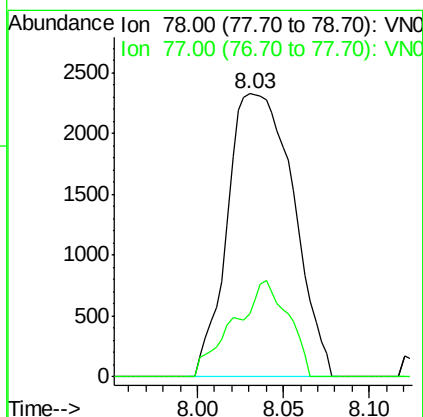
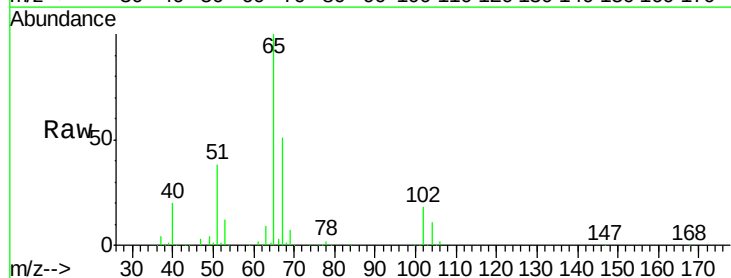
Instrument :
MSVOA_N
ClientSampled :

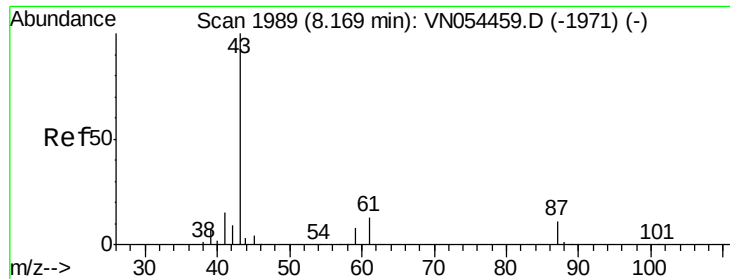
Tot Ion: 83 Resp: 24443
Ion Ratio Lower Upper
83 100
55 89.1 56.6 84.8#
98 43.2 38.4 57.6



#40
Benzene
Concen: 0.270 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion: 78 Resp: 6174
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.237 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

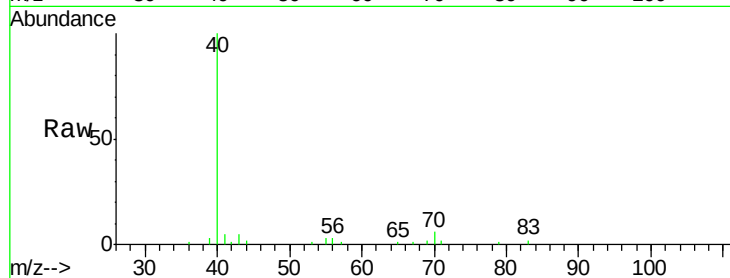
Tot Ion: 43 Resp: 2278

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

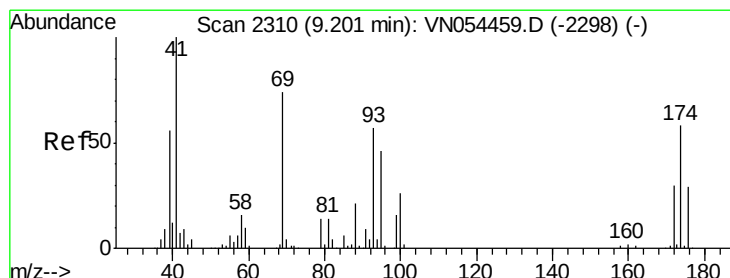
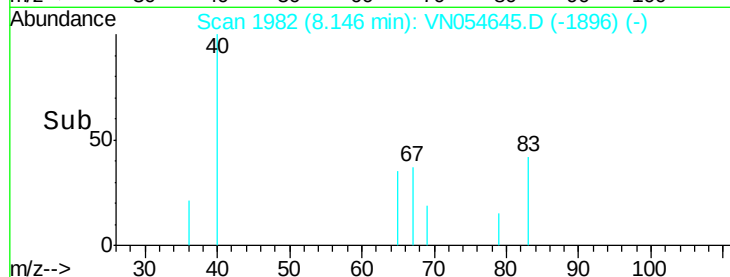
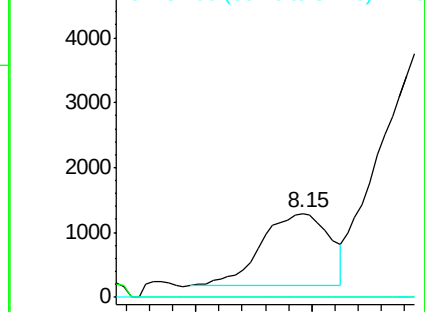
87 0.0 12.0 18.0#



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



#48

Methyl methacrylate

Concen: 0.226 ug/l

RT: 9.22 min Scan# 2315

Delta R.T. 0.02 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

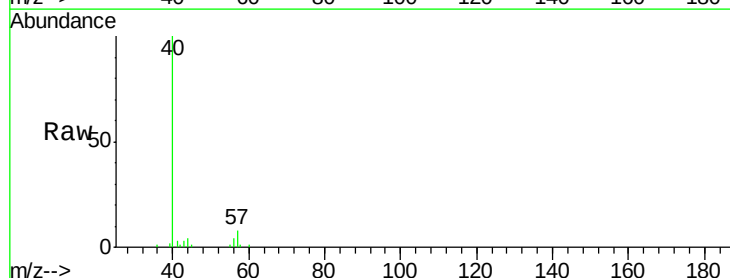
Tgt Ion: 41 Resp: 1179

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

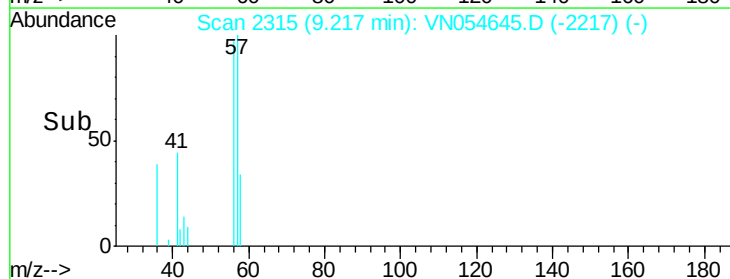
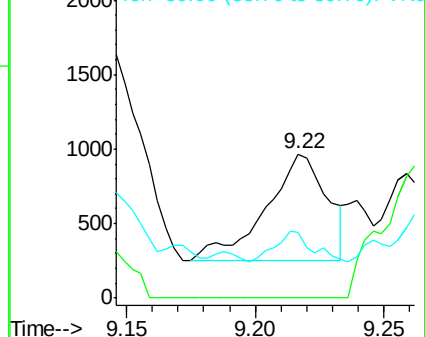
39 0.0 47.5 71.3#

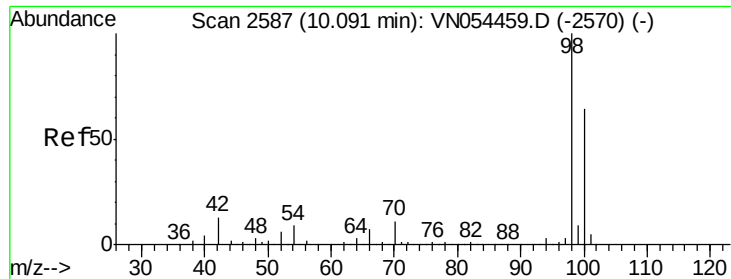


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

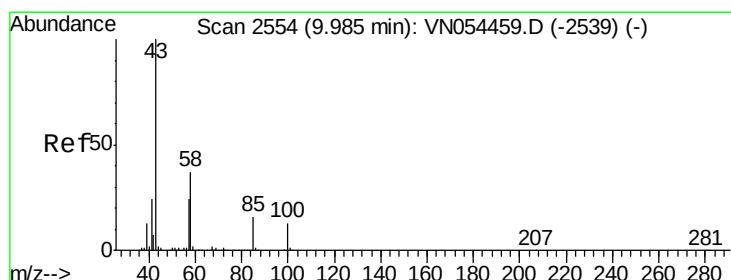
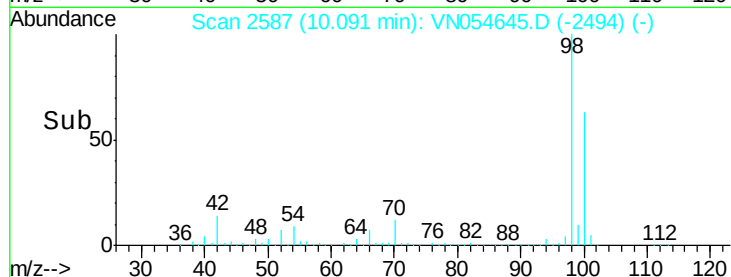
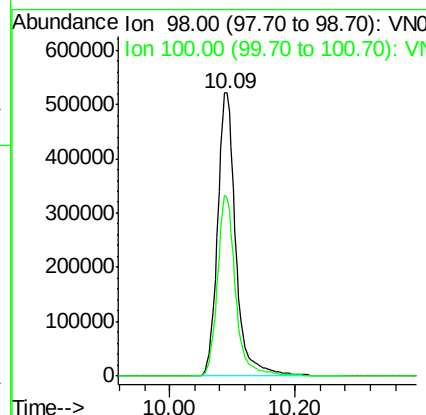
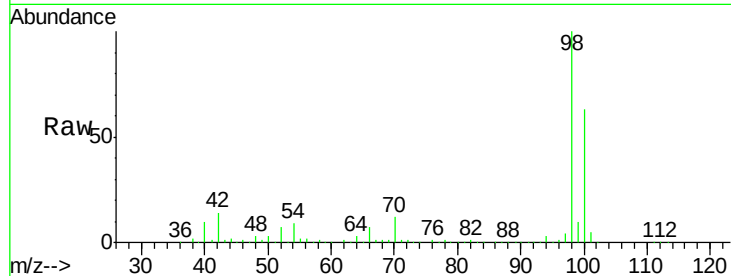




#50
Toluene-d8
Concen: 50.881 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

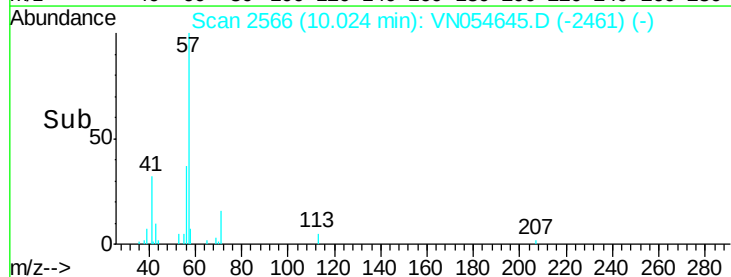
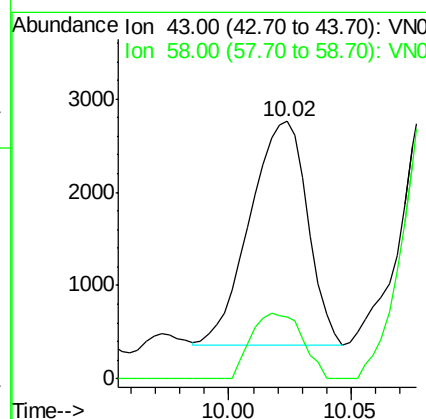
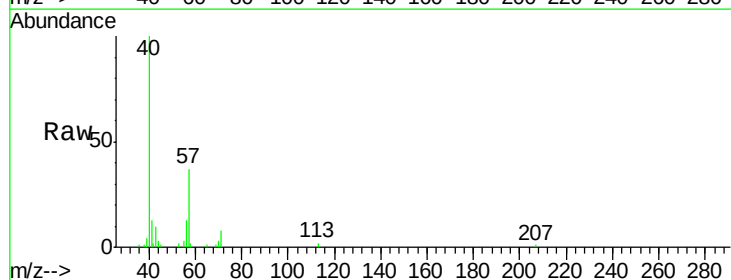
Instrument :
MSVOA_N
ClientSampled :

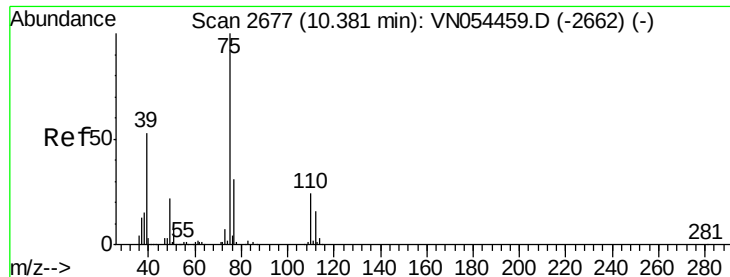
Tot Ion: 98 Resp: 1053492
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.738 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion: 43 Resp: 3928
Ion Ratio Lower Upper
43 100
58 26.1 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 2.272 ug/l

RT: 10.25 min Scan# 2636

Delta R.T. -0.13 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

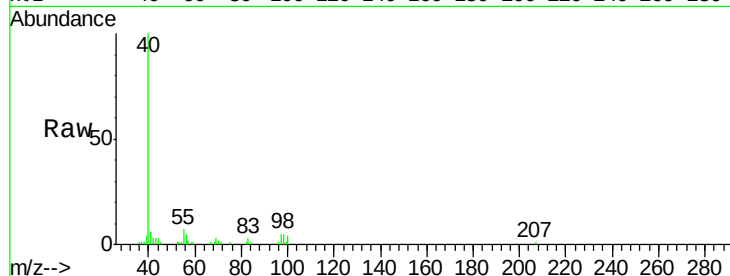
ClientSampleId :

Tot Ion: 75 Resp: 331

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

10.25

250

200

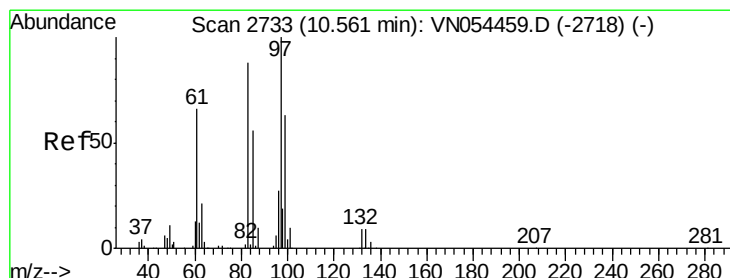
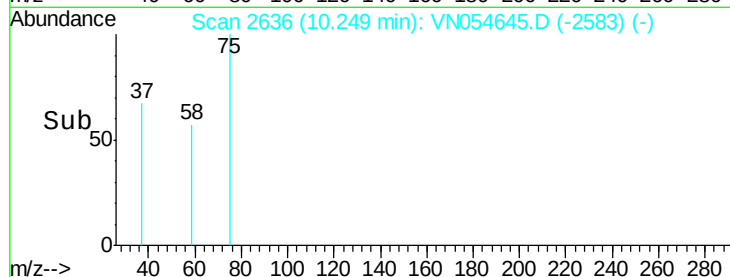
150

100

50

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.967 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Tgt Ion: 97 Resp: 4887

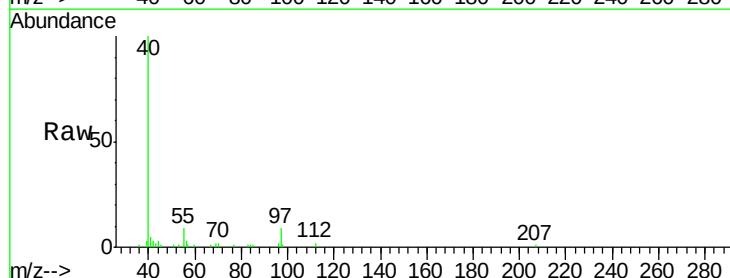
Ion Ratio Lower Upper

97 100

83 6.3 66.6 100.0#

85 9.4 44.4 66.6#

99 0.0 50.8 76.2#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

4000

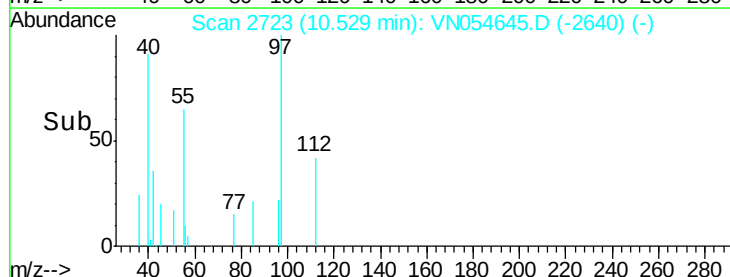
3000

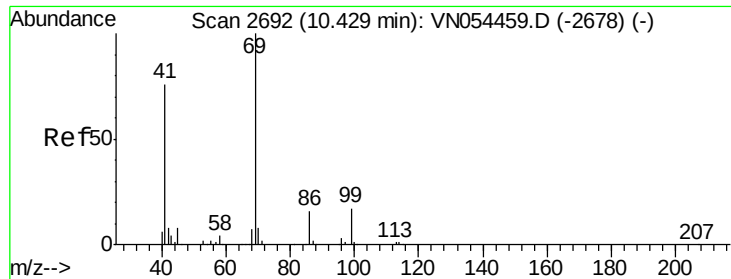
2000

1000

0

Time-->

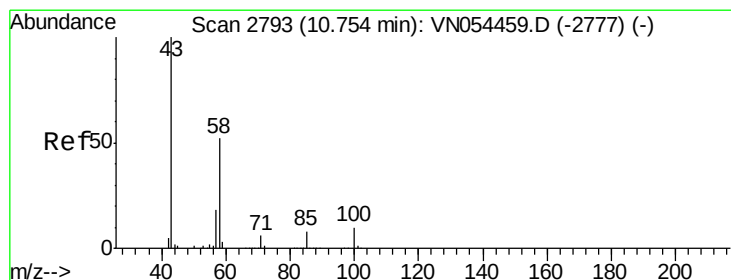
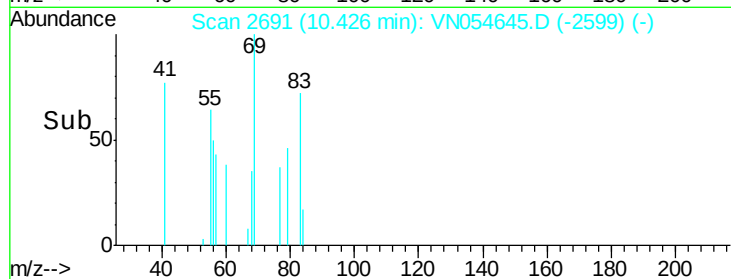
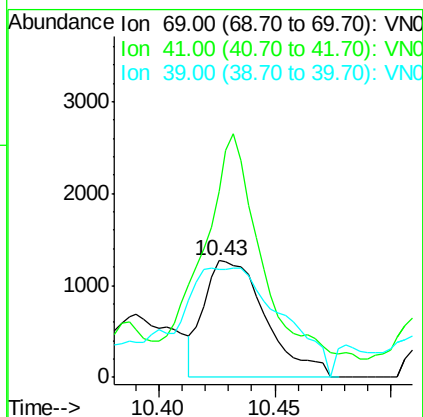
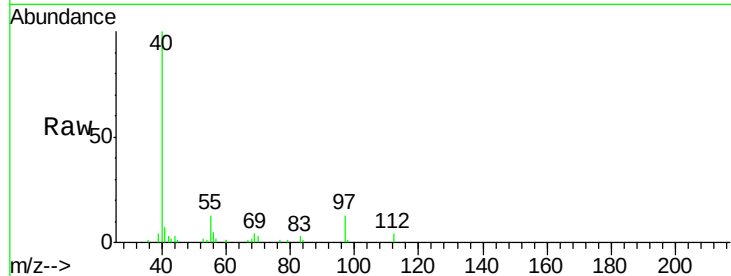




#56
Ethyl methacrylate
Concen: 0.346 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

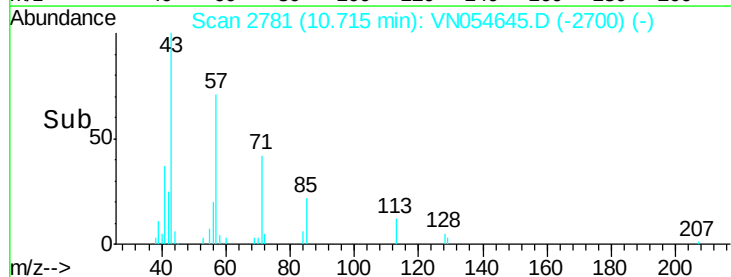
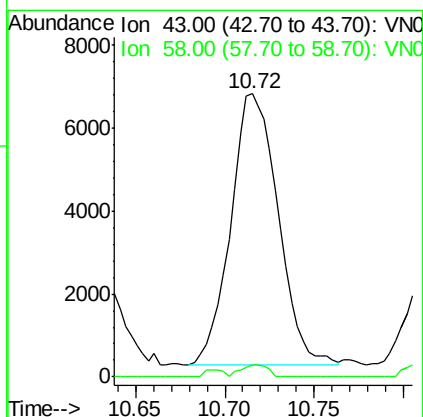
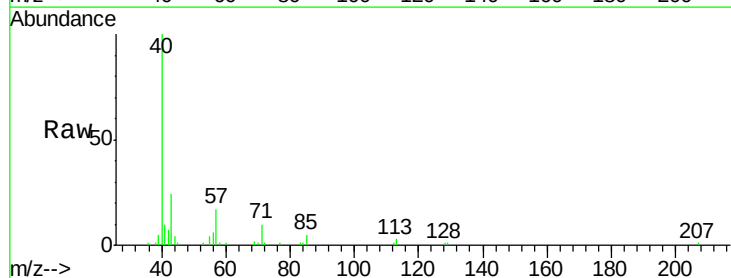
Instrument :
MSVOA_N
ClientSampled :

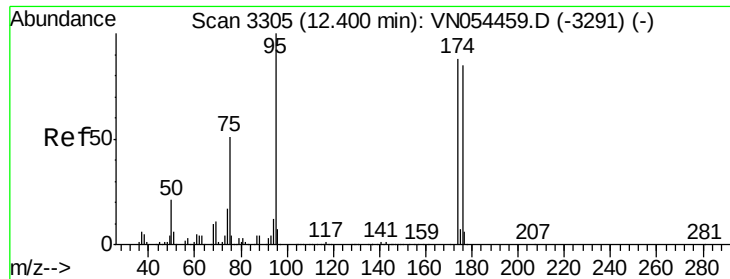
Tot Ion: 69 Resp: 2350
Ion Ratio Lower Upper
69 100
41 199.4 49.4 74.2#
39 154.1 28.3 42.5#



#59
2-Hexanone
Concen: 3.476 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion: 43 Resp: 12080
Ion Ratio Lower Upper
43 100
58 2.5 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

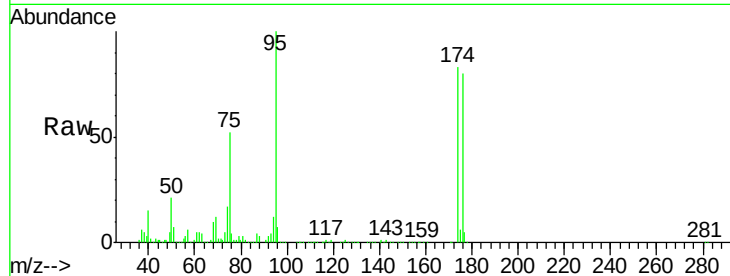
Tot Ion: 95 Resp: 340241

Ion Ratio Lower Upper

95 100

174 84.2 0.0 191.0

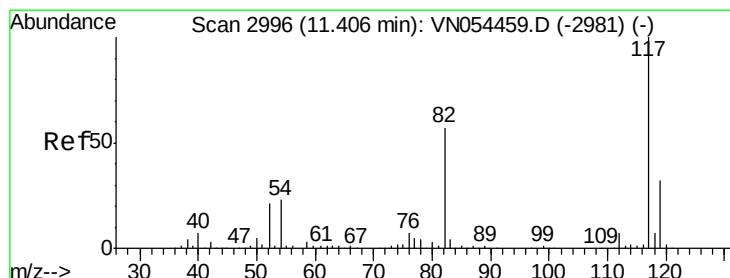
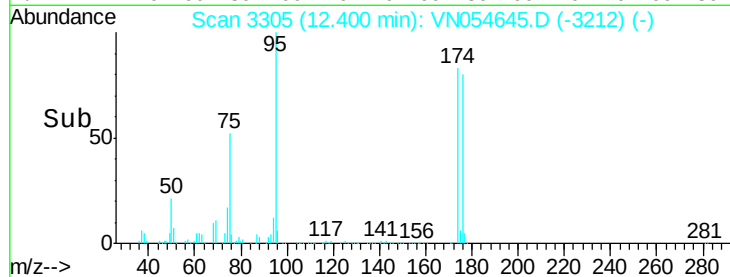
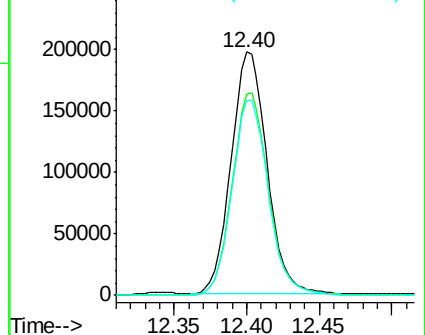
176 81.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

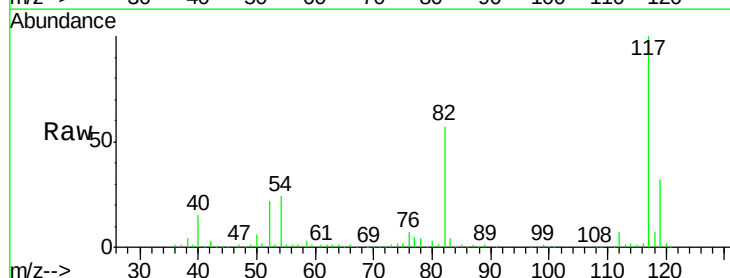
Tgt Ion: 117 Resp: 750421

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

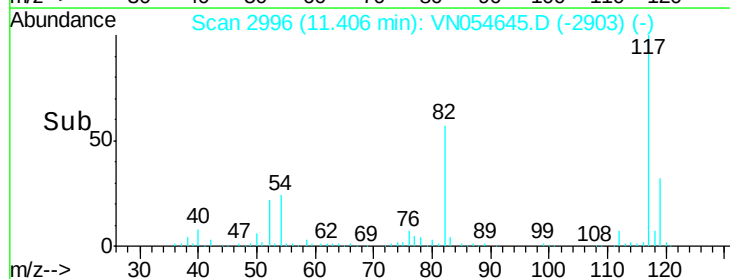
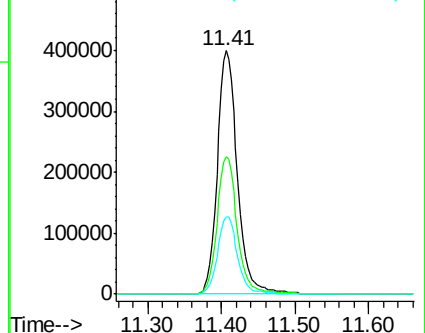
119 31.8 25.8 38.6

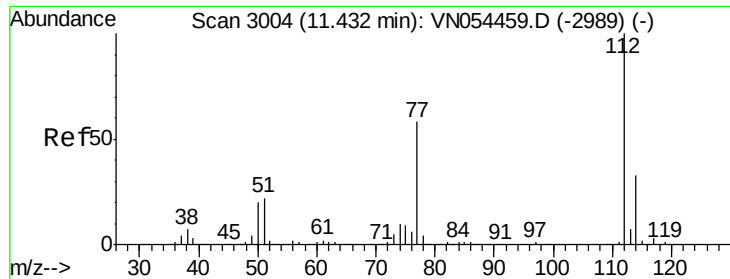


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#65

Chlorobenzene

Concen: 45.271 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

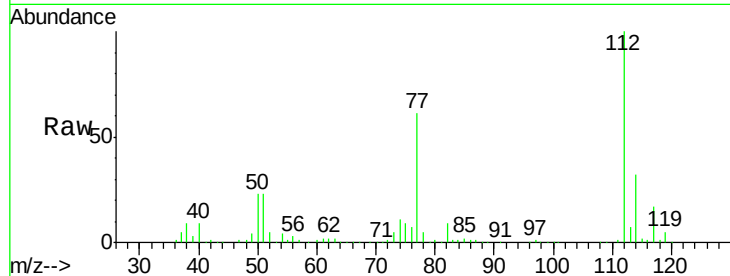
ClientSampled :

Tot Ion:112 Resp: 690959

Ion Ratio Lower Upper

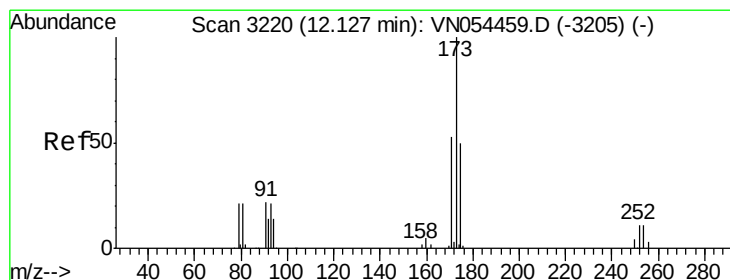
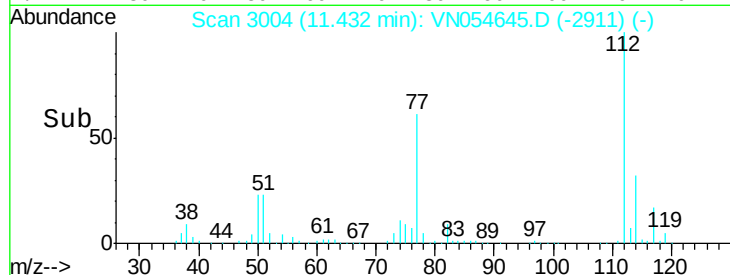
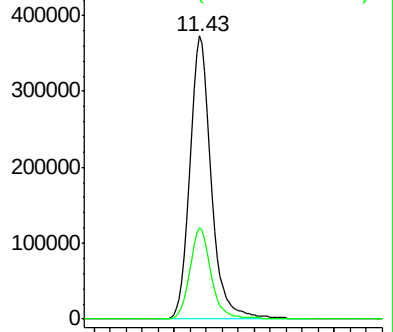
112 100

114 32.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 2.328 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

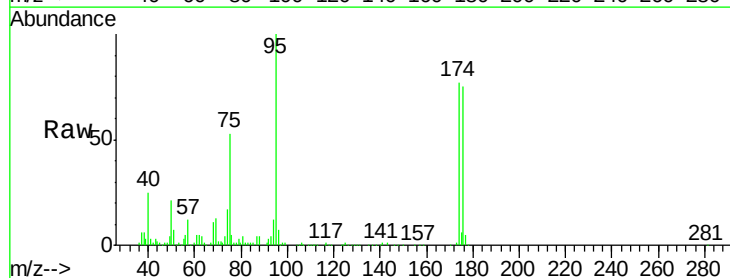
Tgt Ion:173 Resp: 427

Ion Ratio Lower Upper

173 100

175 4283.1 24.4 73.2#

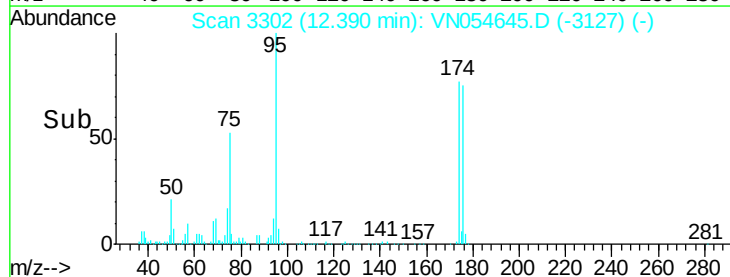
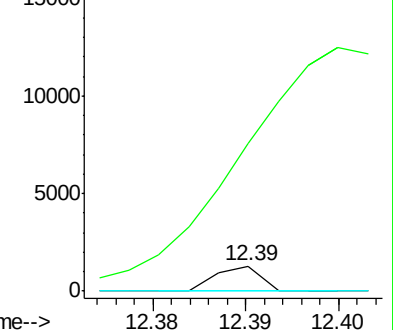
254 0.0 0.1 0.1#

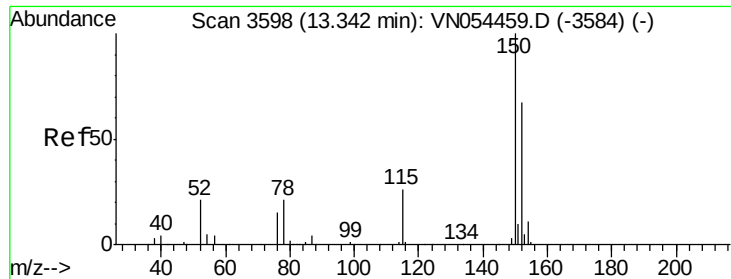


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



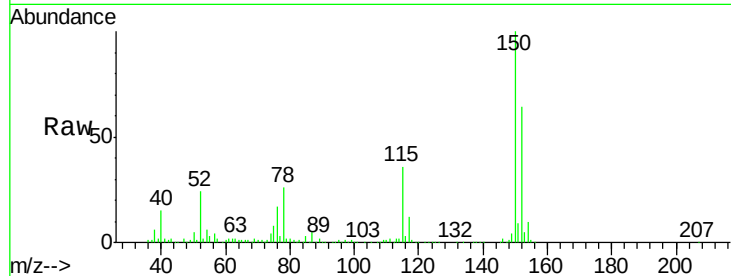


#72

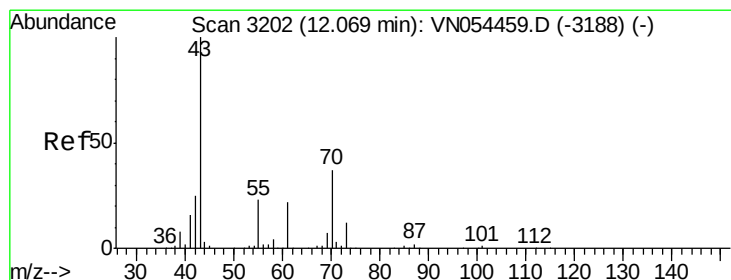
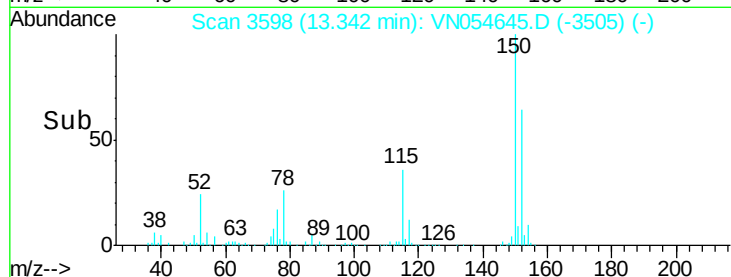
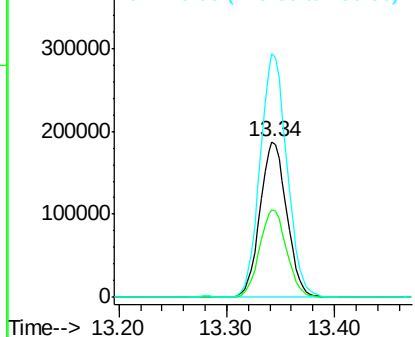
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 321471
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 156.9 0.0 349.2



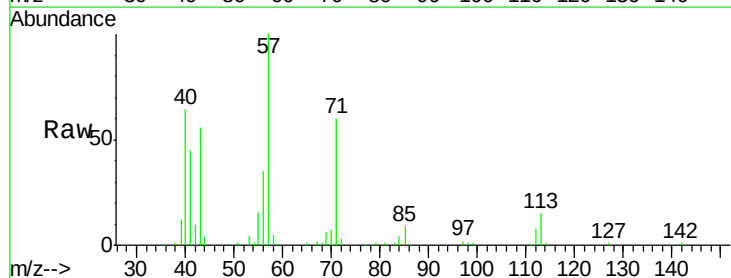
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



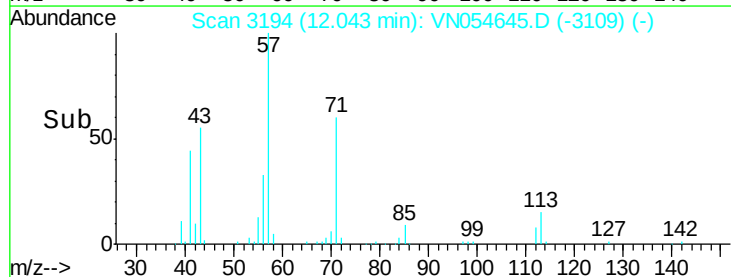
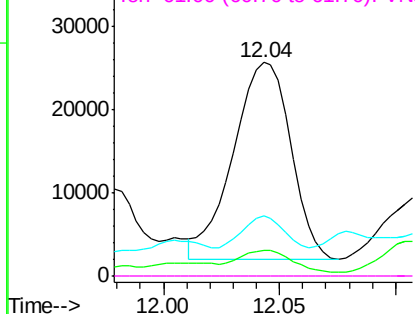
#74

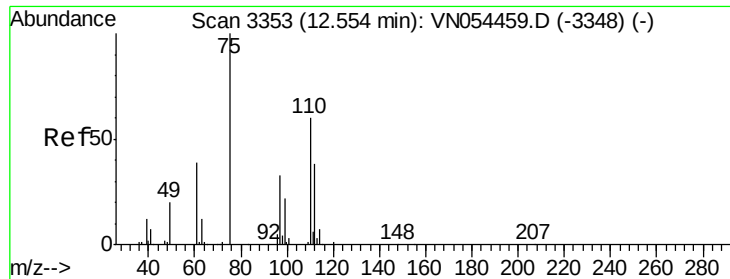
N-ethyl acetate
Concen: 5.475 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN054645.D
Acq: 24 Mar 2019 13:55

Tgt Ion: 43 Resp: 40779
Ion Ratio Lower Upper
43 100
70 10.0 35.4 53.0#
55 10.9 19.8 29.6#
61 0.0 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

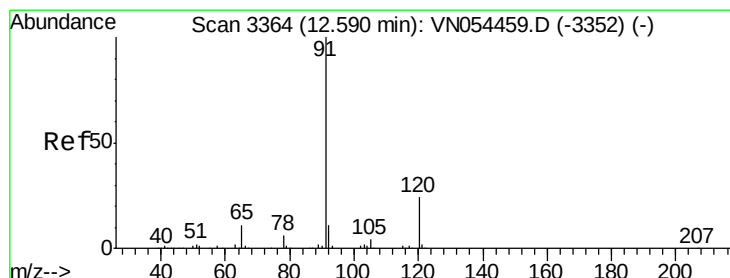
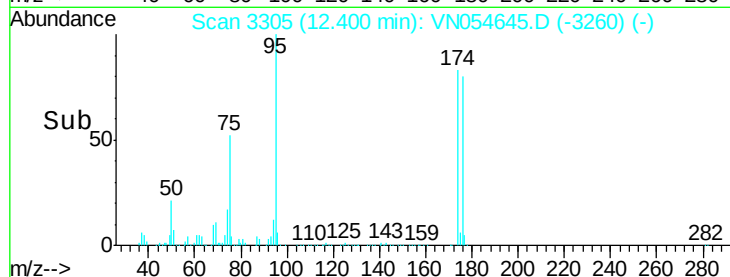
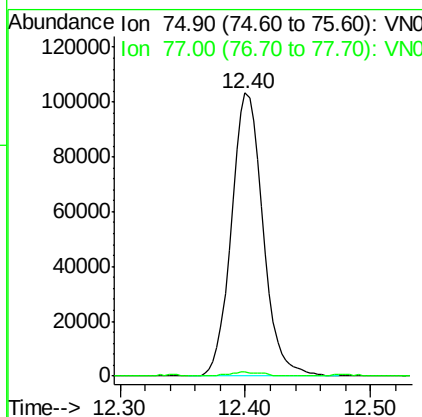
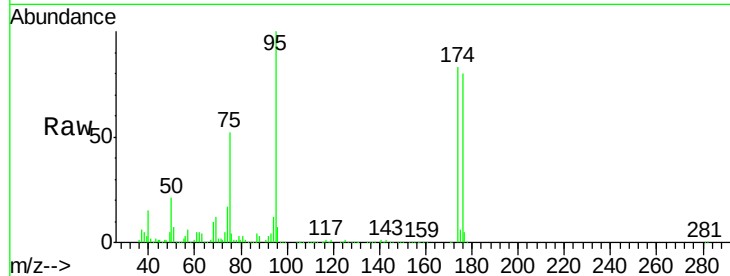




#76
 1,2,3-Trichloropropane
 Concen: 35.441 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

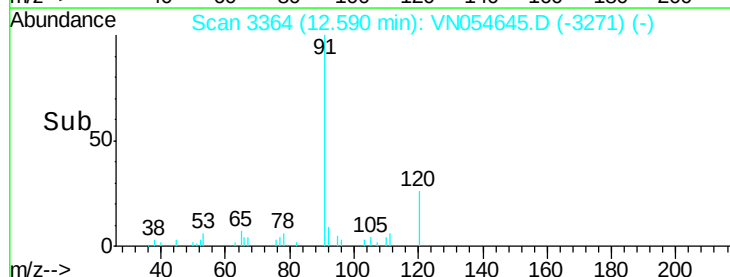
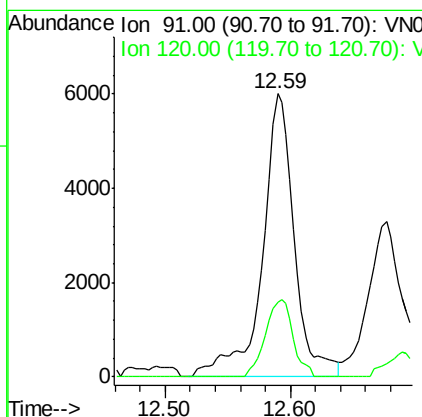
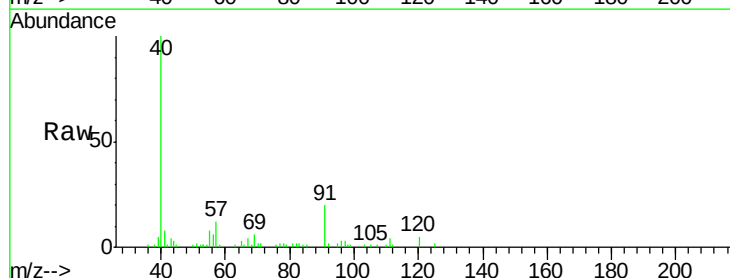
Instrument :
 MSVOA_N
 ClientSampled :

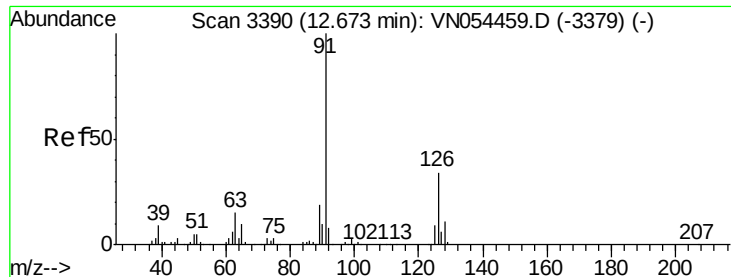
Tot Ion: 75 Resp: 180794
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.378 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Tgt Ion: 91 Resp: 10623
 Ion Ratio Lower Upper
 91 100
 120 23.6 12.3 36.9





#79

2-Chlorotoluene

Concen: 0.378 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

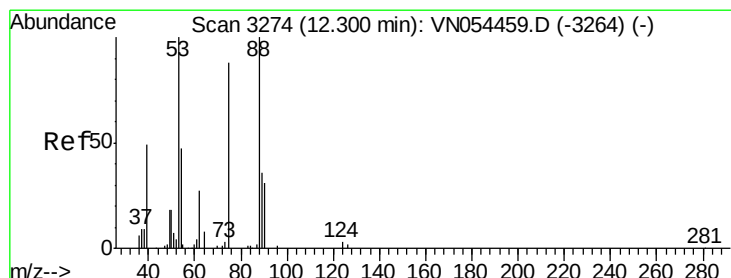
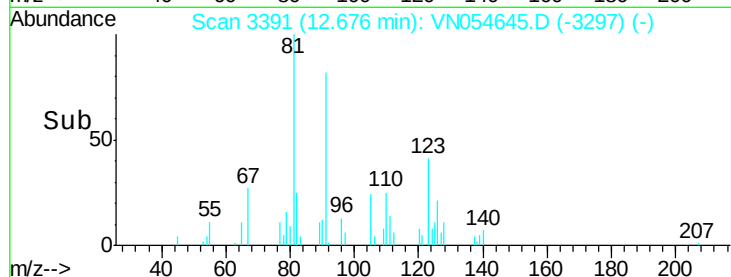
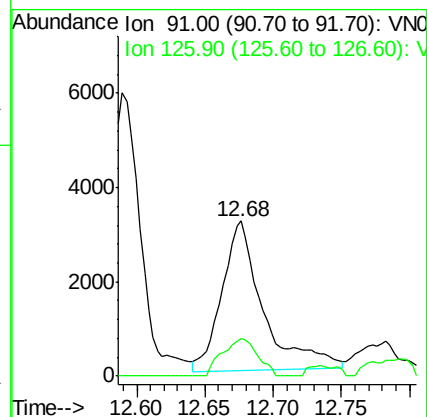
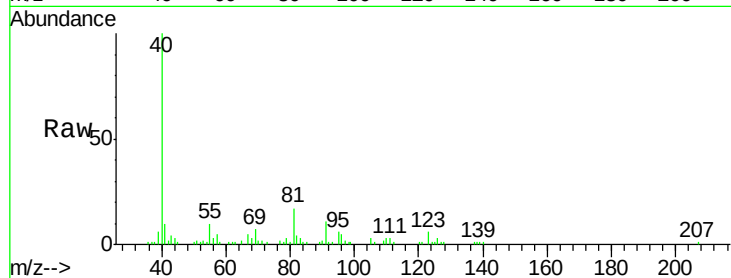
ClientSampleId :

Tot Ion: 91 Resp: 6620

Ion Ratio Lower Upper

91 100

126 21.6 18.7 56.1



#81

trans-1,4-Dichloro-2-butene

Concen: 117.599 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

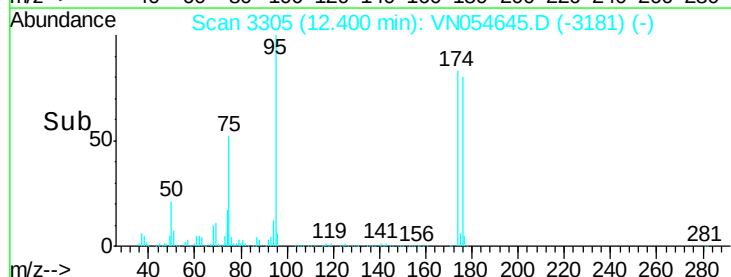
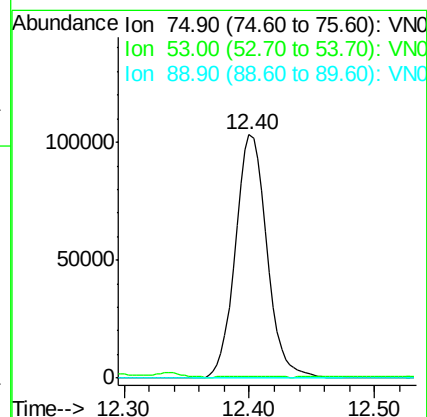
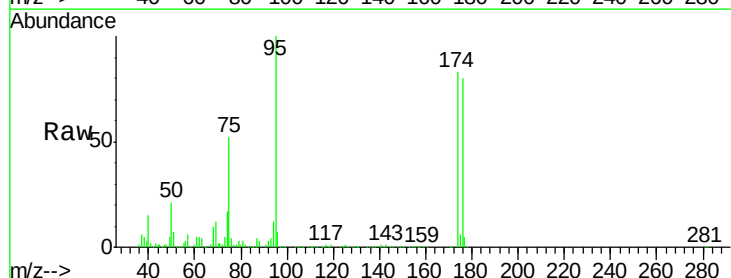
Tgt Ion: 75 Resp: 180794

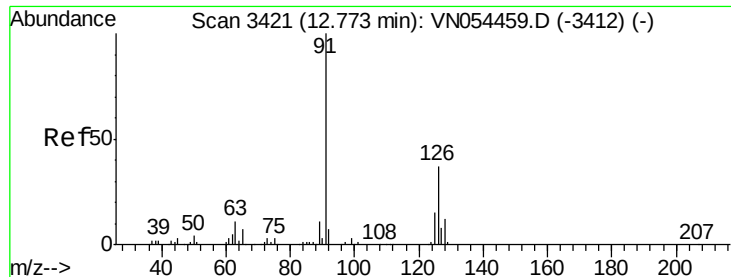
Ion Ratio Lower Upper

75 100

53 0.5 76.2 114.2#

89 0.0 39.2 58.8#





#82

4-Chlorotoluene

Concen: 0.392 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.10 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

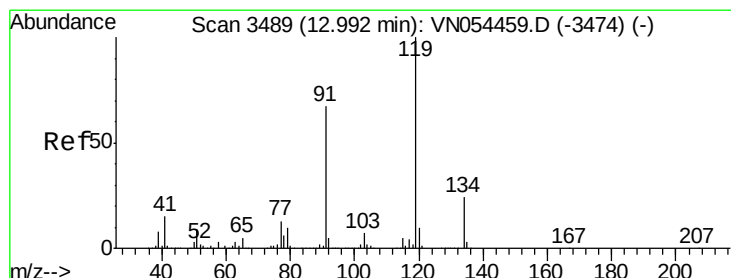
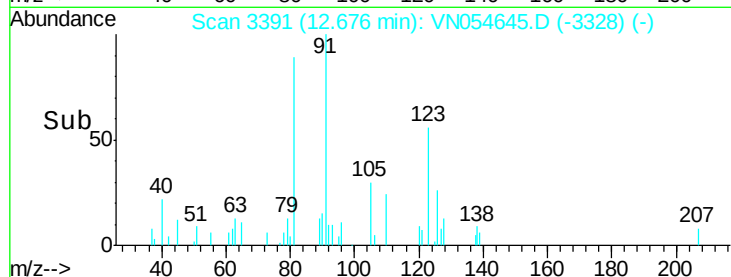
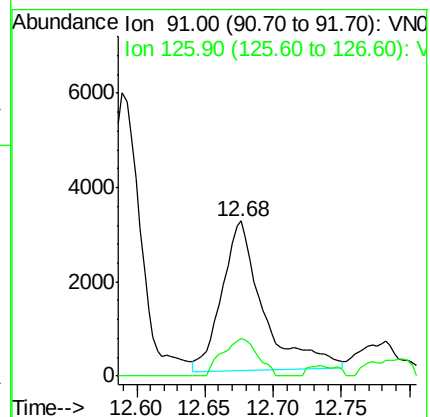
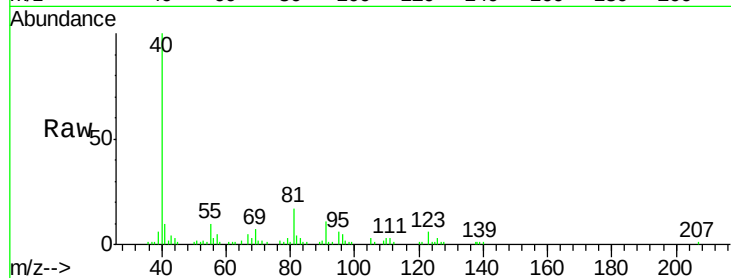
ClientSampleId :

Tot Ion: 91 Resp: 6653

Ion Ratio Lower Upper

91 100

126 21.5 18.1 54.1



#83

tert-Butylbenzene

Concen: 0.263 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

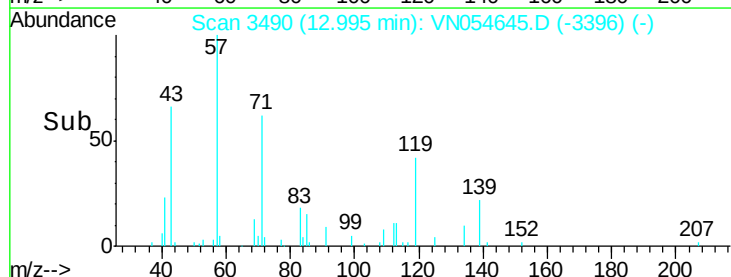
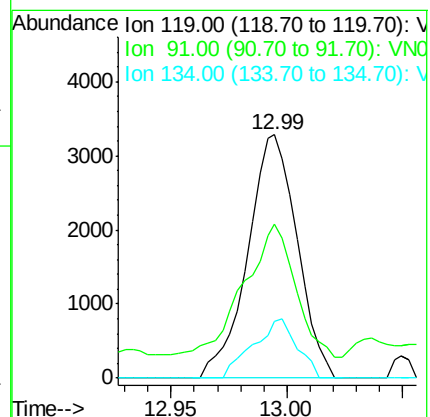
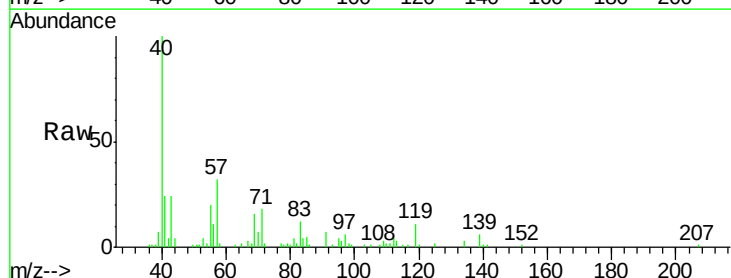
Tgt Ion: 119 Resp: 4858

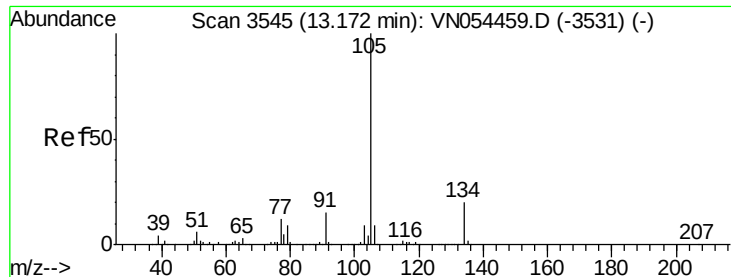
Ion Ratio Lower Upper

119 100

91 56.7 30.9 92.8

134 21.5 13.2 39.6





#85

sec-Butylbenzene

Concen: 0.704 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

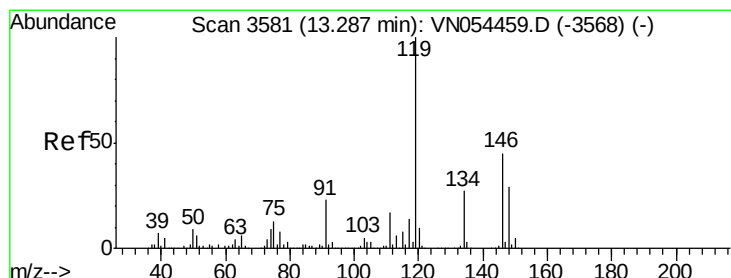
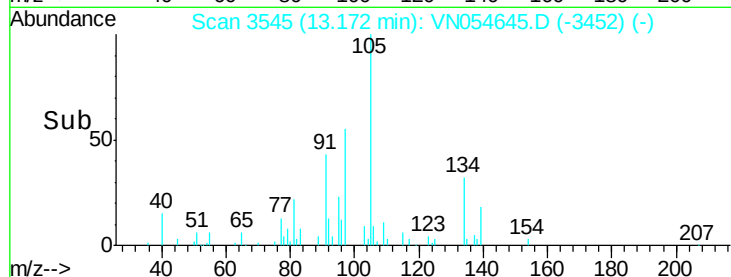
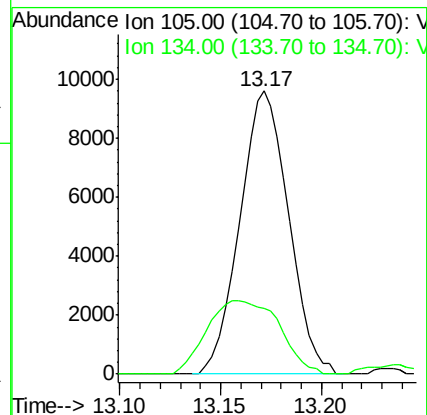
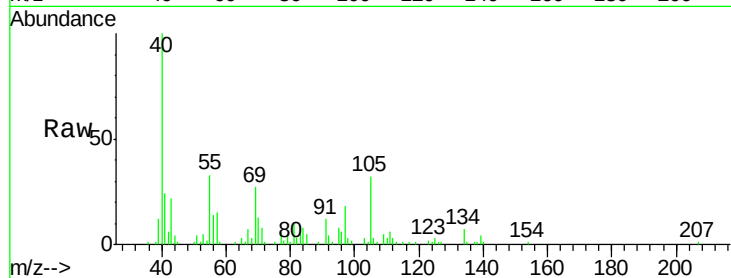
ClientSampleId :

Tot Ion:105 Resp: 16213

Ion Ratio Lower Upper

105 100

134 38.4 10.7 32.1#



#86

p-Isopropyltoluene

Concen: 0.346 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

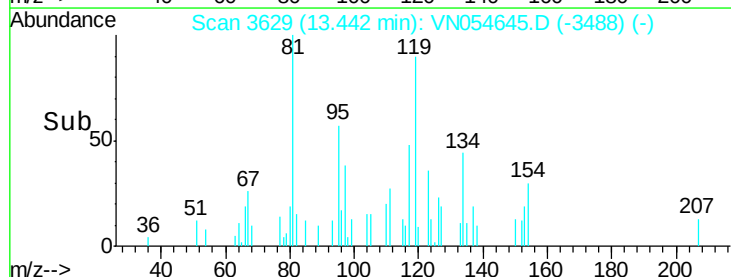
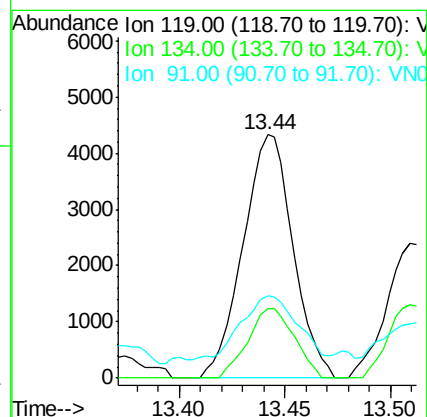
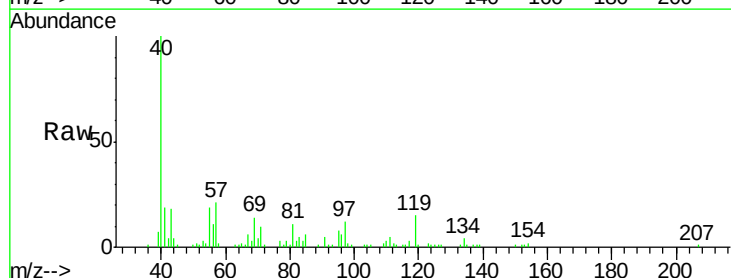
Tgt Ion:119 Resp: 7123

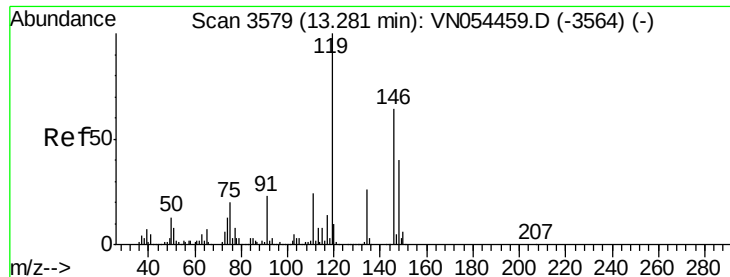
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 28.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 4.888 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.08 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

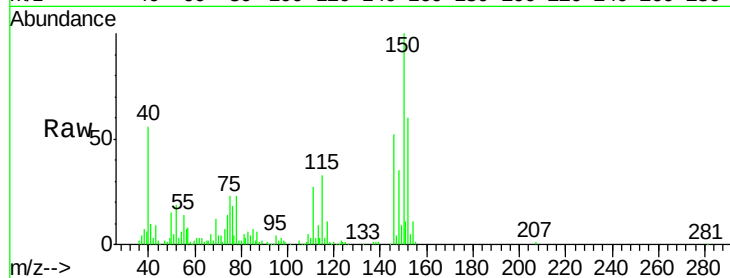
Tot Ion:146 Resp: 52046

Ion Ratio Lower Upper

146 100

111 54.3 18.8 56.3

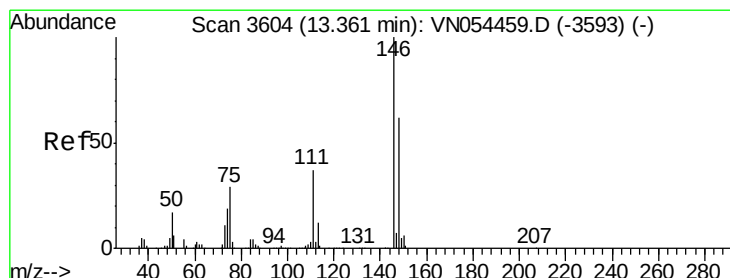
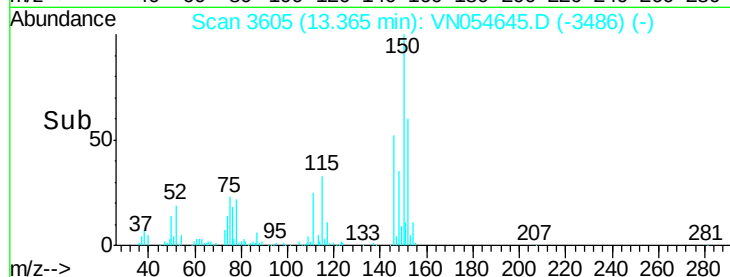
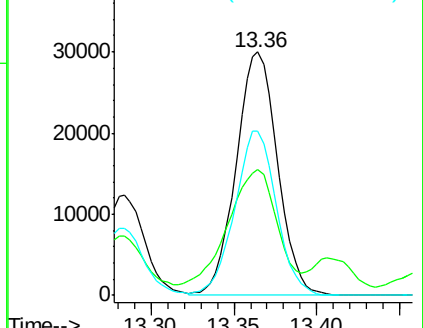
148 67.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.024 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

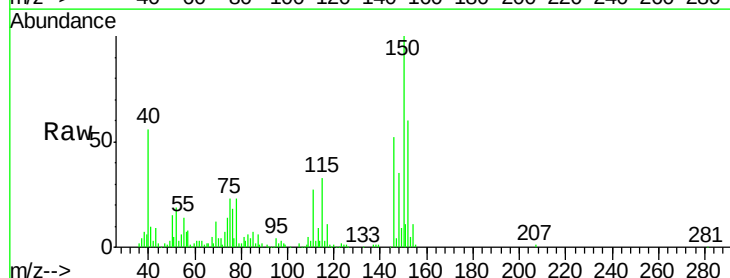
Tgt Ion:146 Resp: 52046

Ion Ratio Lower Upper

146 100

111 54.3 18.1 54.1#

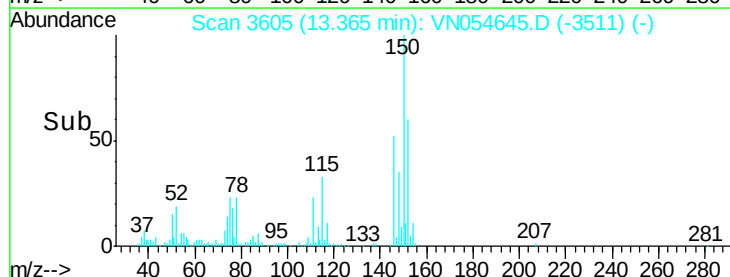
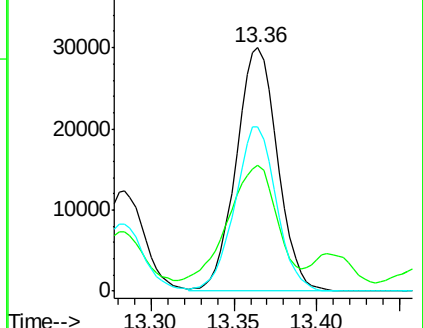
148 67.7 32.0 96.0

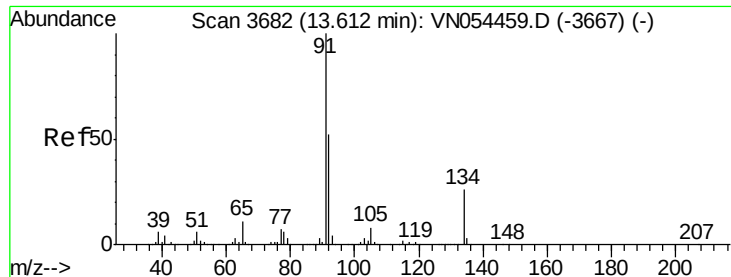


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.005 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054645.D

Acq: 24 Mar 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

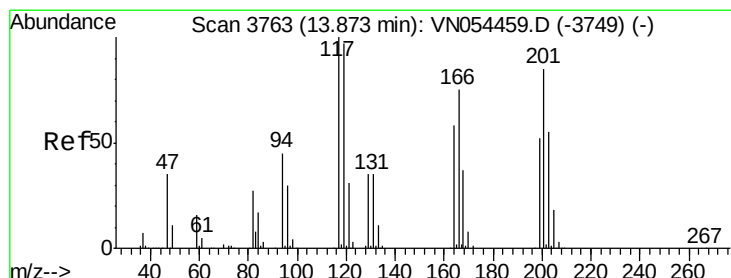
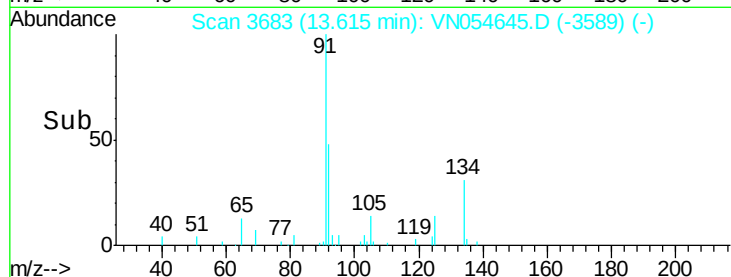
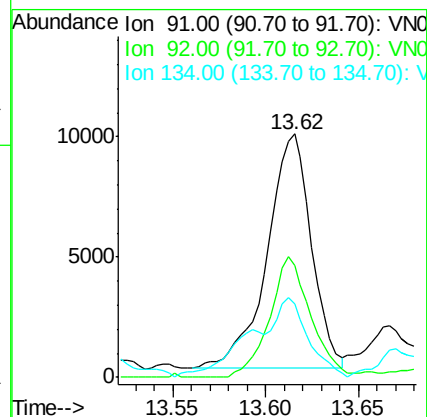
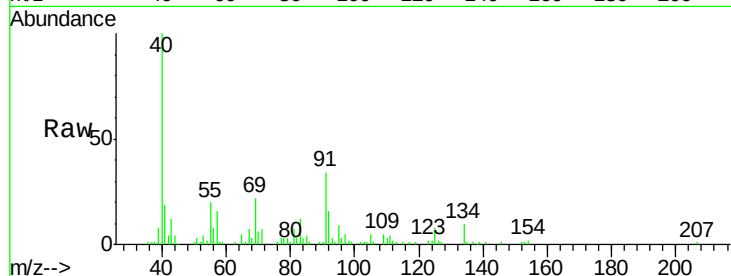
Tot Ion: 91 Resp: 16200

Ion Ratio Lower Upper

91 100

92 47.8 26.2 78.6

134 26.2 14.3 42.9



#90

Hexachloroethane

Concen: 0.208 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN054645.D

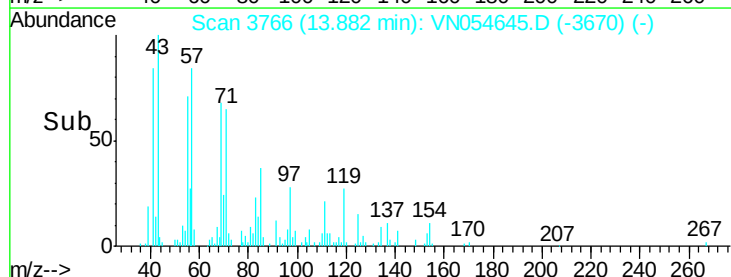
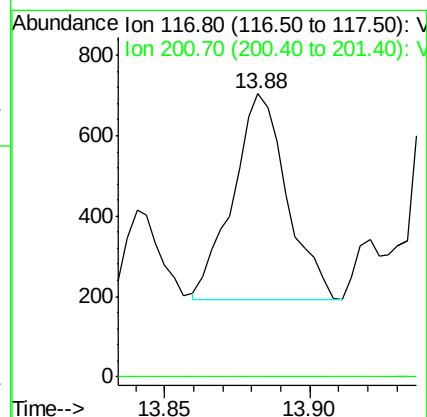
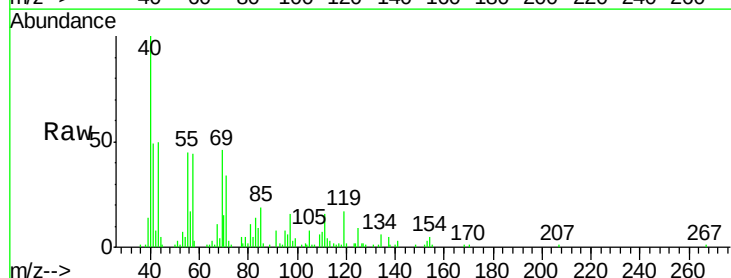
Acq: 24 Mar 2019 13:55

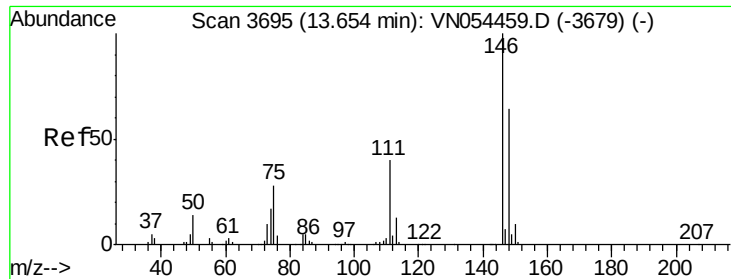
Tgt Ion: 117 Resp: 664

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#

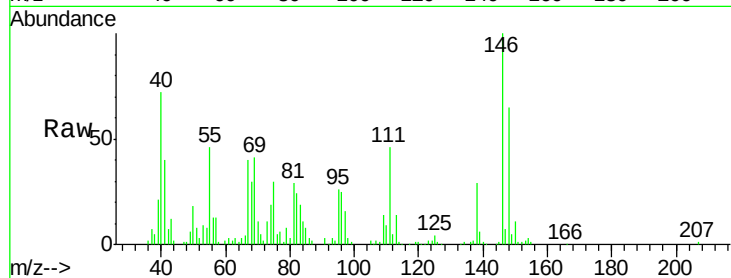




#91
 1,2-Dichlorobenzene
 Concen: 7.137 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054645.D
 Acq: 24 Mar 2019 13:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 73604
 Ion Ratio Lower Upper
 146 100
 111 52.2 19.1 57.3
 148 62.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

