

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054237.D
 Acq On : 14 Mar 2019 3:05
 Operator : JC/SP
 Sample : K1870-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:26:01 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	7.67	168	1418932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2346768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2500669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1144884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	779045	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	726869	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.09	98	2954043	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.40	95	1148659	58.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.46%	

Target Compounds

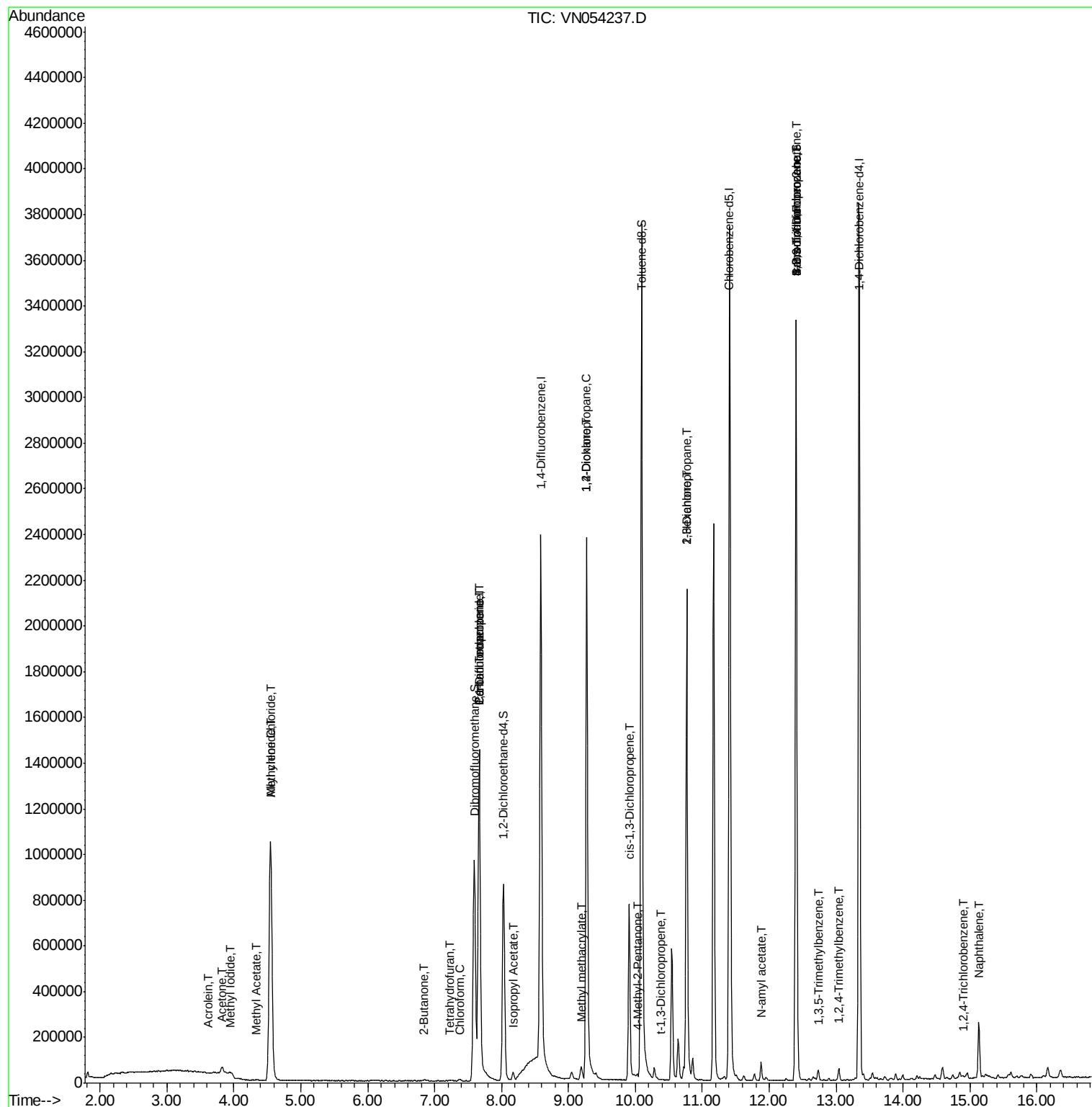
						Qvalue
10) Methyl Iodide	3.95	142	157	1.504	ug/l #	1
13) Acrolein	3.60	56	706	0.721	ug/l	94
14) Allyl chloride	4.54	41	24247	1.282	ug/l #	22
16) Acetone	3.82	43	41265	9.564	ug/l	98
18) Methyl Acetate	4.33	43	1797	0.206	ug/l #	73
20) Methylene Chloride	4.55	84	834593	58.910	ug/l	99
25) 2-Butanone	6.85	43	5164	1.020	ug/l	89
29) Tetrahydrofuran	7.23	42	3062	0.940	ug/l #	75
30) Chloroform	7.38	83	7386	0.292	ug/l #	83
31) Cyclohexane	7.66	56	21666	Below Cal	#	2
36) 1,1-Dichloropropene	7.66	75	82279	3.807	ug/l #	49
38) Carbon Tetrachloride	7.67	117	117712	5.194	ug/l #	15
43) Isopropyl Acetate	8.17	43	38739	1.777	ug/l	99
45) 1,2-Dichloropropane	9.27	63	3459	0.225	ug/l #	43
48) Methyl methacrylate	9.18	41	17503	1.582	ug/l #	11
49) 1,4-Dioxane	9.27	88	243	1.553	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17001	1.474	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	298	1.998	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	159284	6.571	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	24705	1.055	ug/l #	43
59) 2-Hexanone	10.77	43	319097	41.574	ug/l #	50
71) Bromoform	12.40	173	7303	2.808	ug/l #	1
74) N-ethyl acetate	11.88	43	22273	1.095	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	556872	33.076	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	20490	0.269	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	556872	113.069	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	29455	0.394	ug/l	97
93) 1,2,4-Trichlorobenzene	14.90	180	2246	2.605	ug/l #	69
95) Naphthalene	15.13	128	222482	7.593	ug/l	99

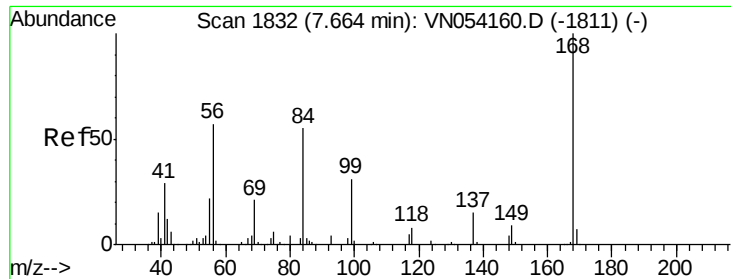
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

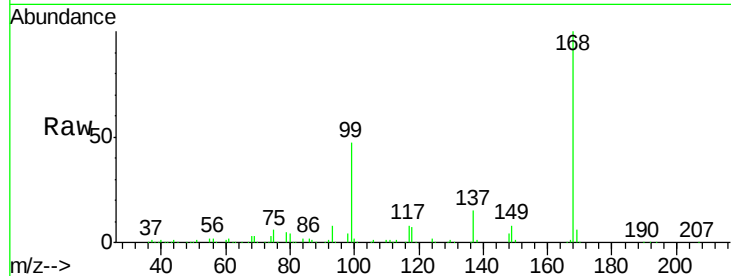
ClientSampleId :

Tot Ion:168 Resp: 1418932

Ion Ratio Lower Upper

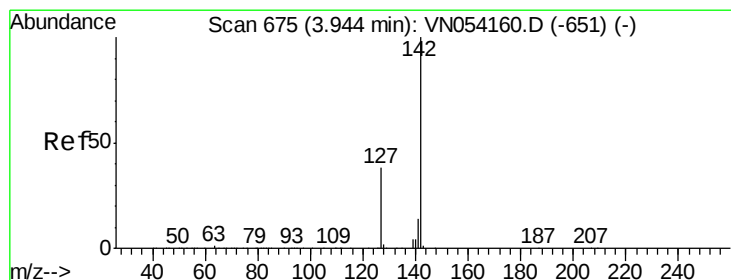
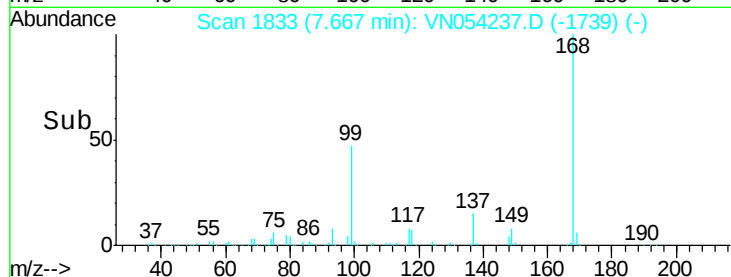
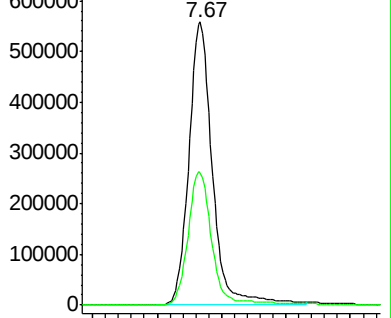
168 100

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): VN0



#10

Methyl Iodide

Concen: 1.504 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

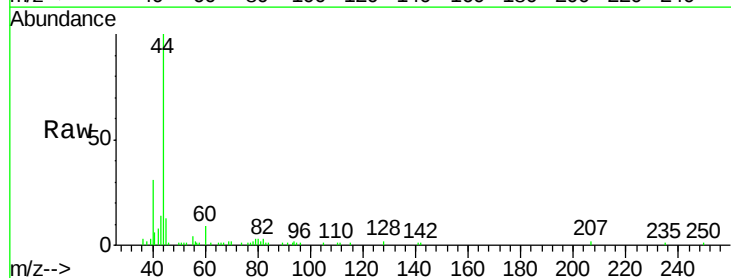
Tgt Ion:142 Resp: 157

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

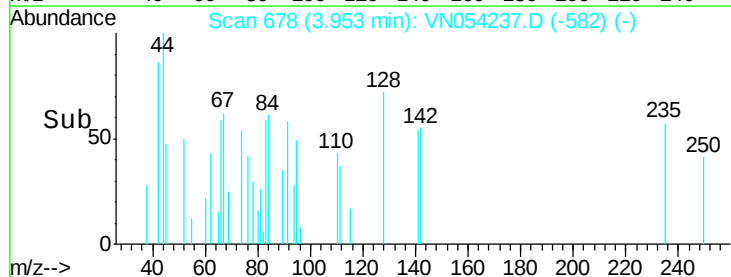
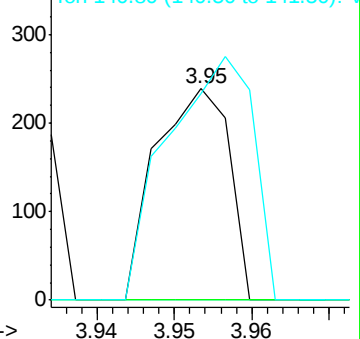
141 135.7 11.2 16.8#

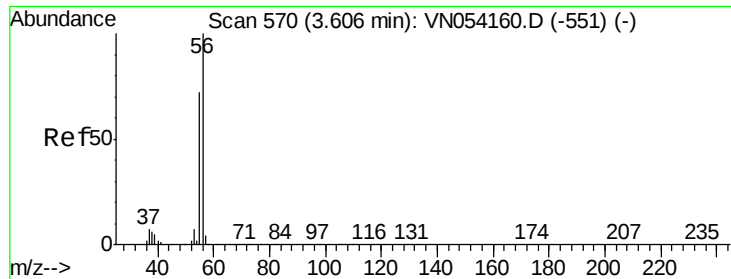


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

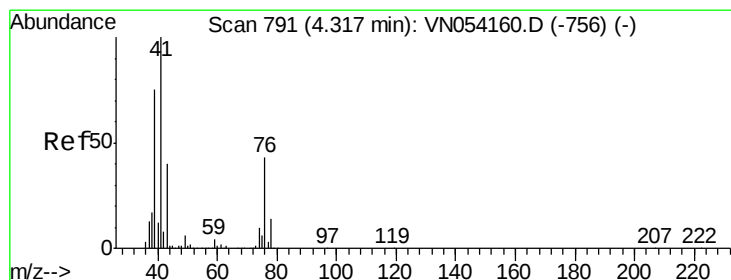
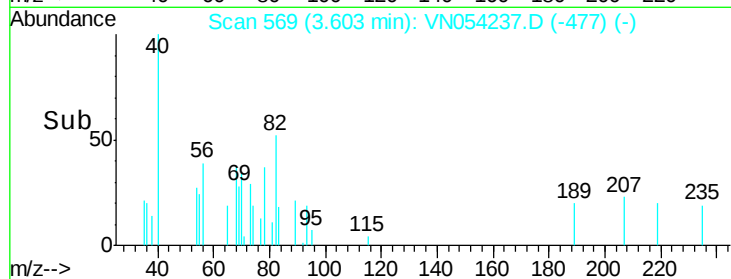
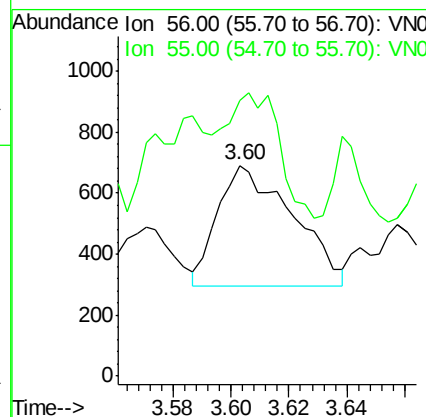
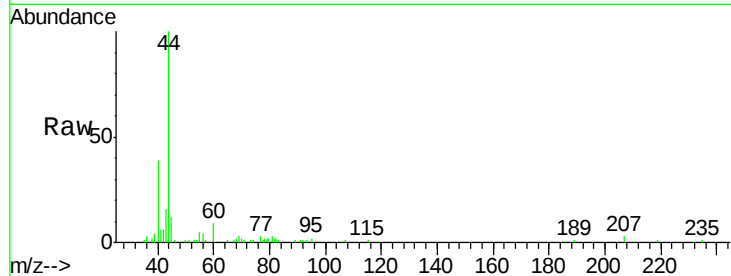




#13
Acrolein
Concen: 0.721 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

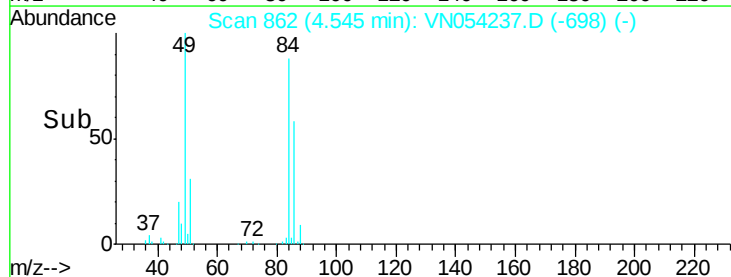
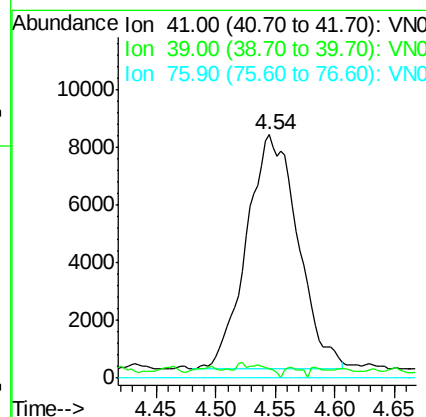
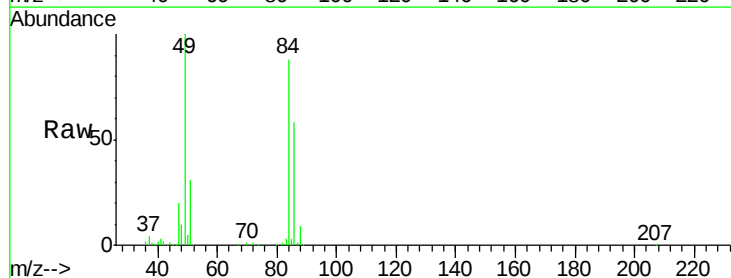
Instrument :
MSVOA_N
ClientSampled :

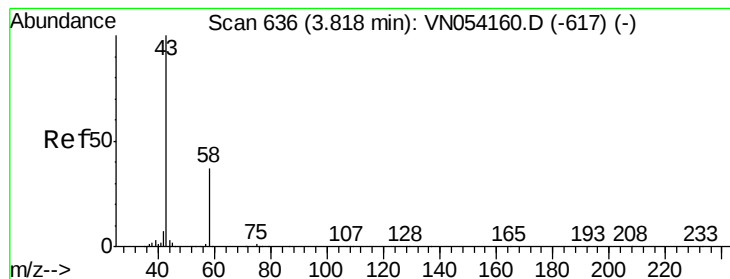
Tot Ion: 56 Resp: 706
Ion Ratio Lower Upper
56 100
55 66.3 56.7 85.1



#14
Allyl chloride
Concen: 1.282 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 41 Resp: 24247
Ion Ratio Lower Upper
41 100
39 1.5 58.2 87.4#
76 0.0 31.7 47.5#





#16

Acetone

Concen: 9.564 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

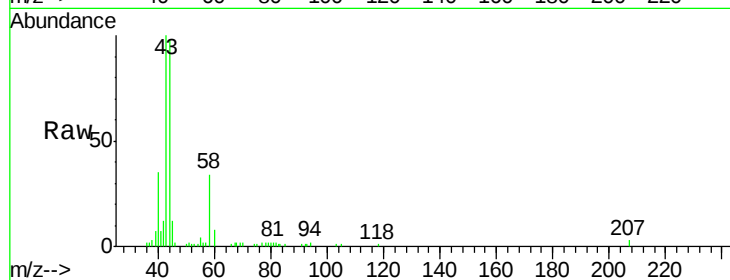
ClientSampled :

Tot Ion: 43 Resp: 41265

Ion Ratio Lower Upper

43 100

58 38.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

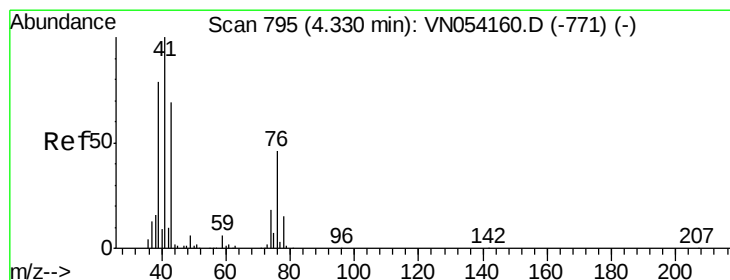
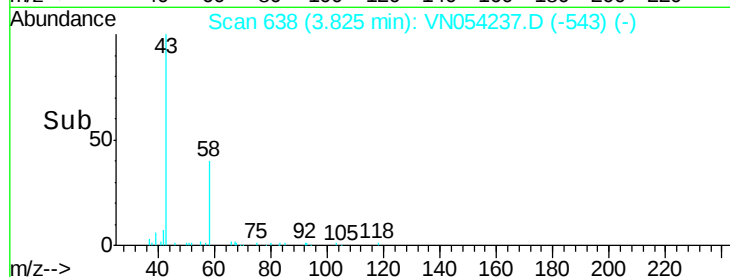
10000

5000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 0.206 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN054237.D

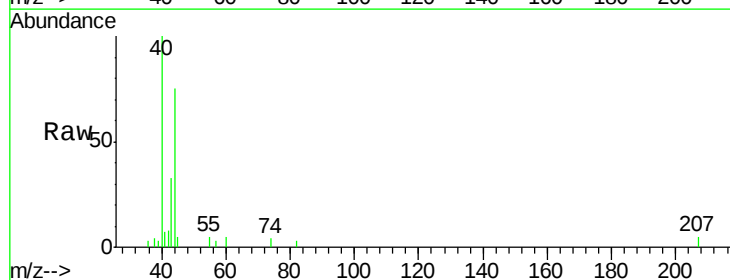
Acq: 14 Mar 2019 3:05

Tgt Ion: 43 Resp: 1797

Ion Ratio Lower Upper

43 100

74 12.1 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2000

1500

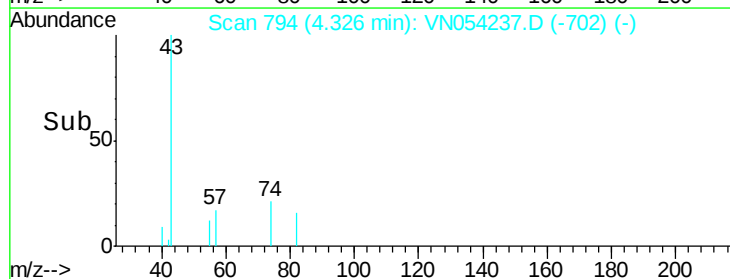
1000

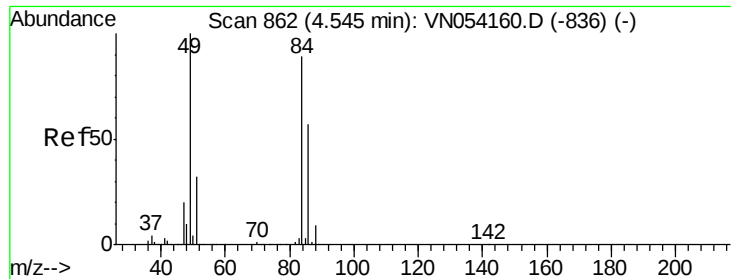
500

0

4.28 4.30 4.32 4.34

Time-->

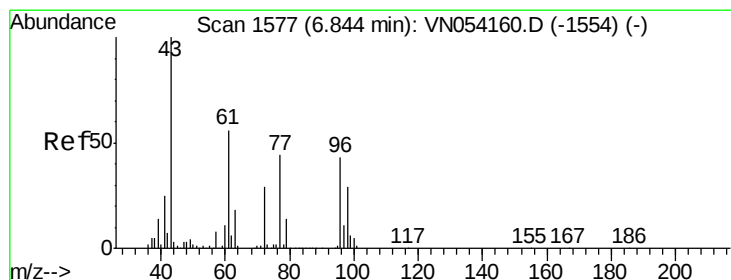
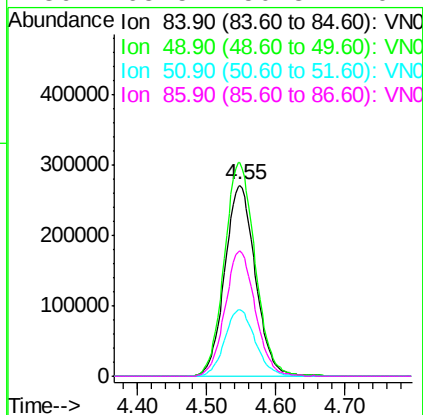
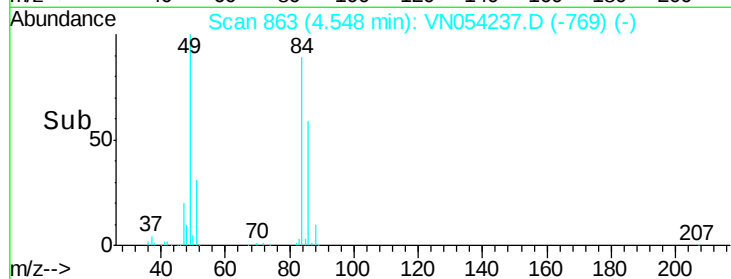
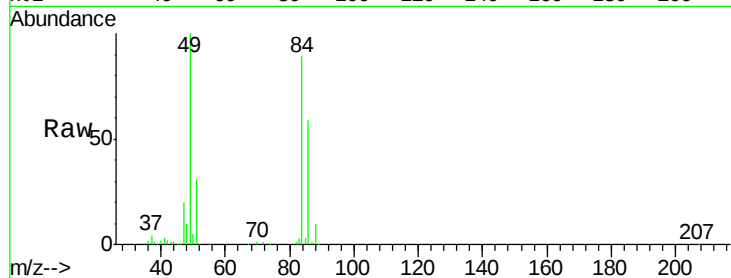




#20
Methvlene Chloride
Concen: 58.910 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

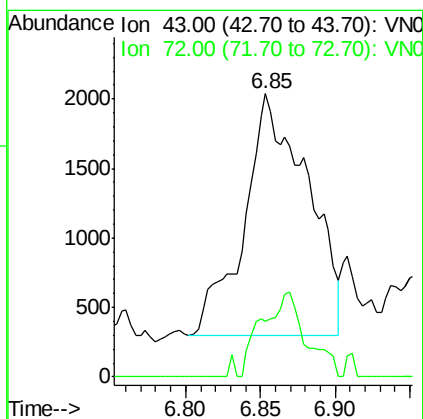
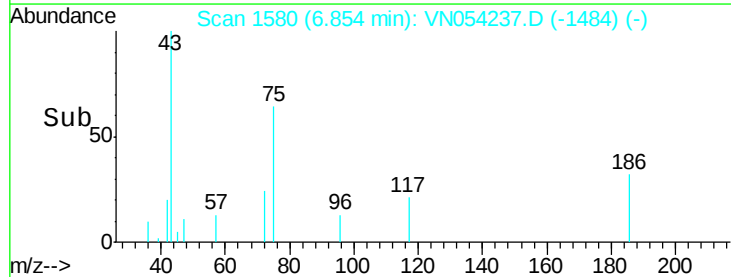
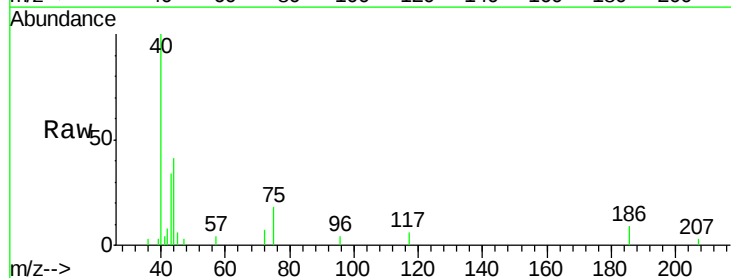
Instrument :
MSVOA_N
ClientSampleId :

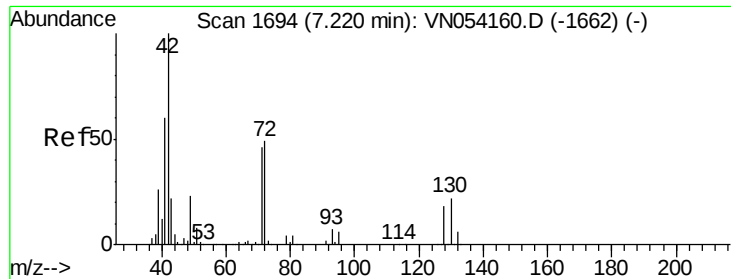
Tot Ion: 84 Resp: 834593
Ion Ratio Lower Upper
84 100
49 111.7 89.7 134.5
51 35.0 28.2 42.4
86 65.5 50.8 76.2



#25
2-Butanone
Concen: 1.020 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 43 Resp: 5164
Ion Ratio Lower Upper
43 100
72 23.1 23.0 34.6

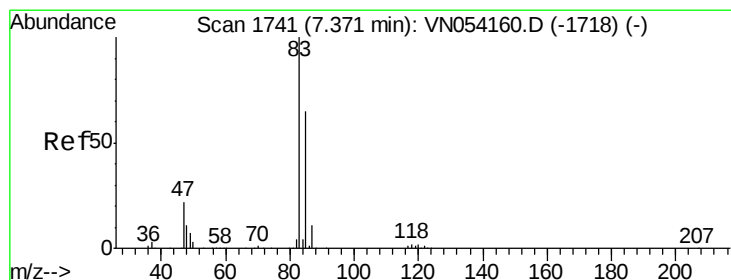
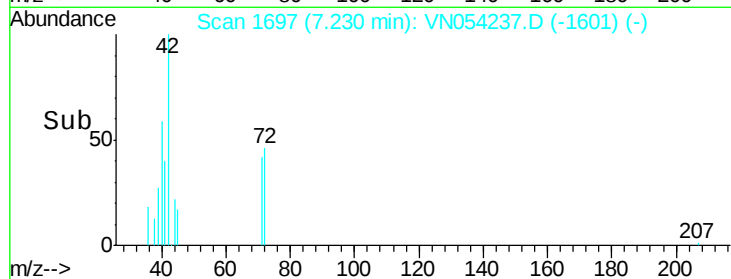
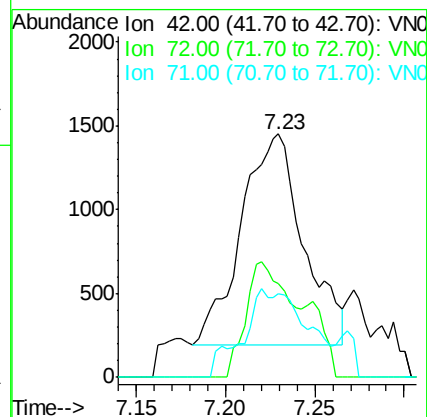
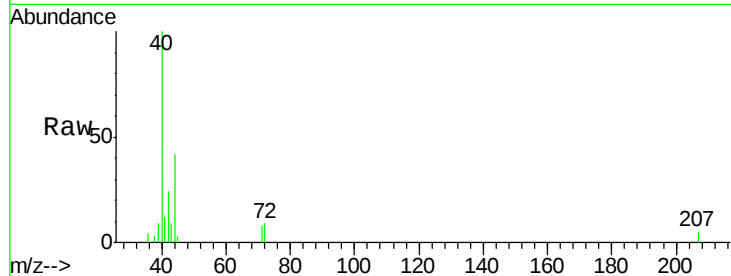




#29
Tetrahydrofuran
Concen: 0.940 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

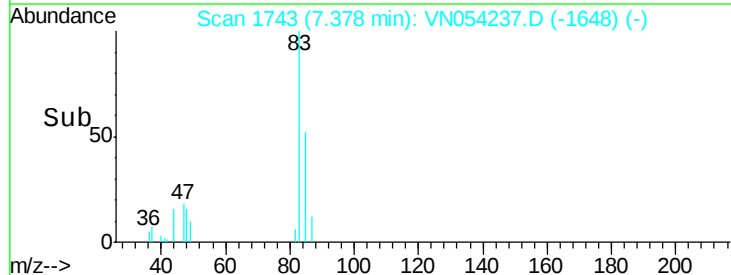
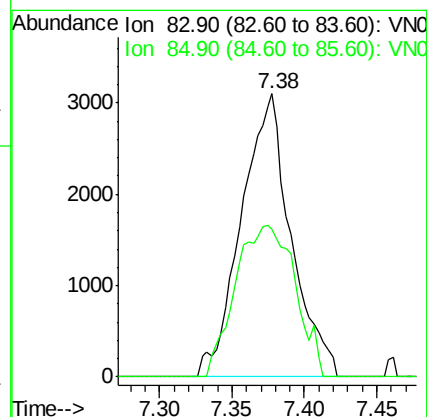
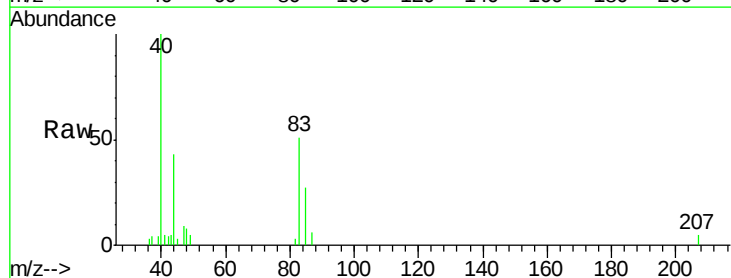
Instrument :
MSVOA_N
ClientSampled :

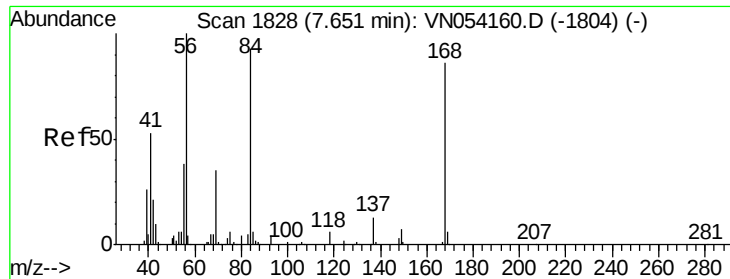
Tot Ion: 42 Resp: 3062
Ion Ratio Lower Upper
42 100
72 38.4 37.8 56.6
71 21.0 36.2 54.2#



#30
Chloroform
Concen: 0.292 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 83 Resp: 7386
Ion Ratio Lower Upper
83 100
85 52.1 52.2 78.4#

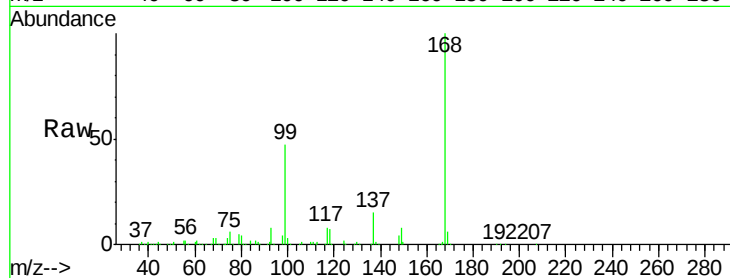




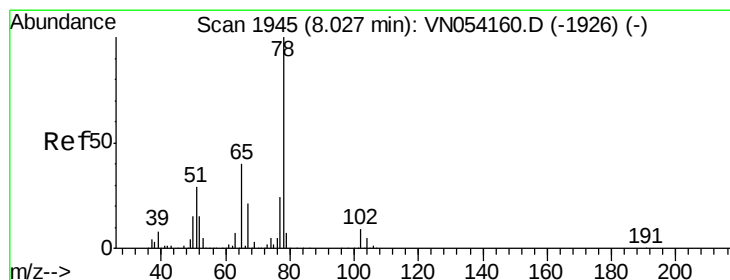
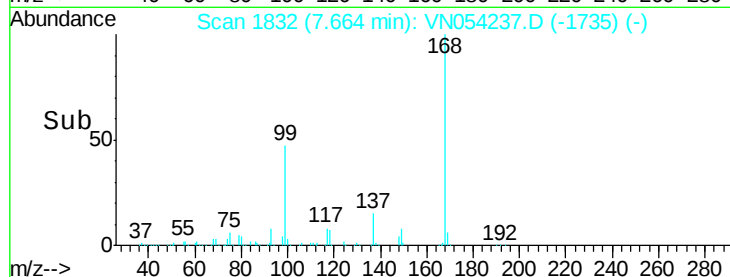
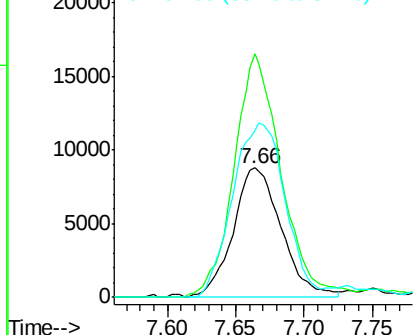
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 21666
Ion Ratio Lower Upper
56 100
69 186.2 27.8 41.6#
84 129.0 74.6 111.8#

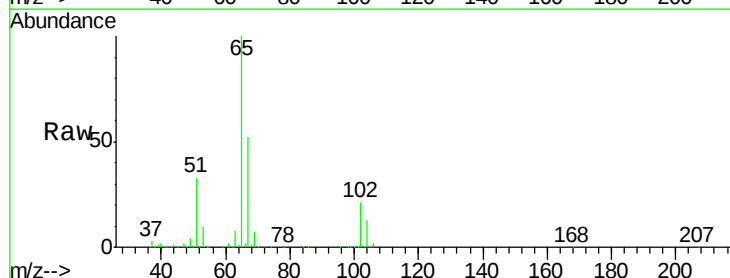


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

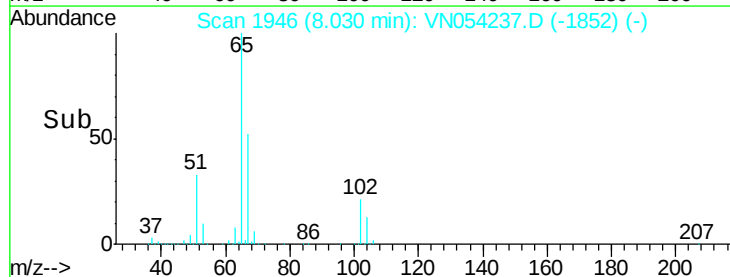
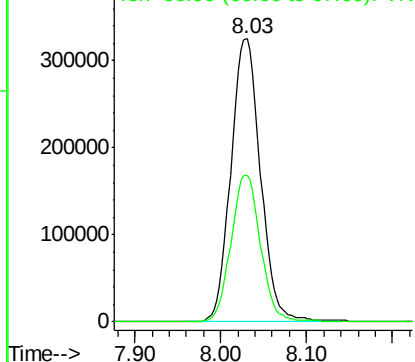


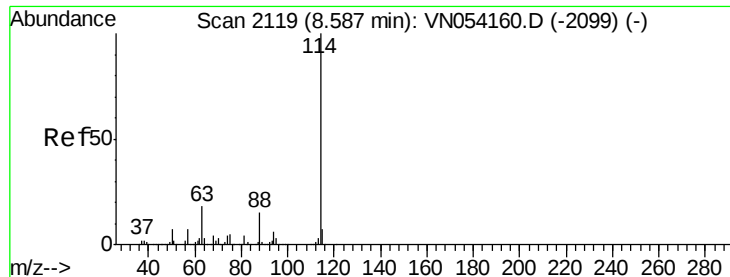
#33
1,2-Dichloroethane-d4
Concen: 51.698 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 65 Resp: 779045
Ion Ratio Lower Upper
65 100
67 51.6 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: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampled :

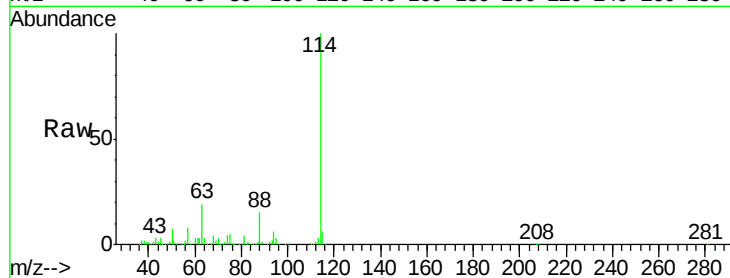
Tot Ion:114 Resp: 2346768

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

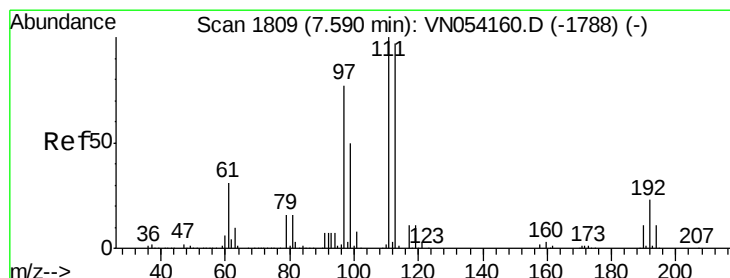
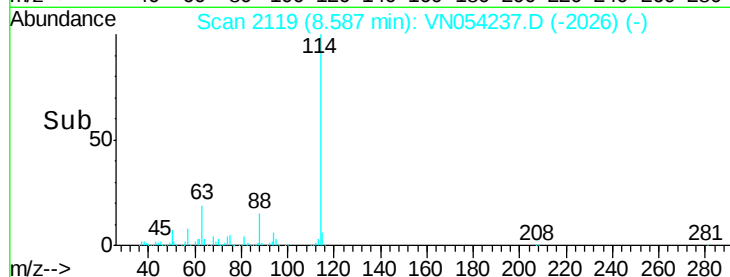
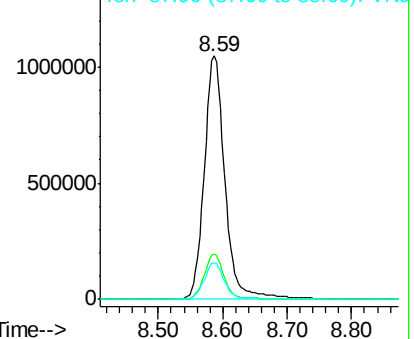
88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.024 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

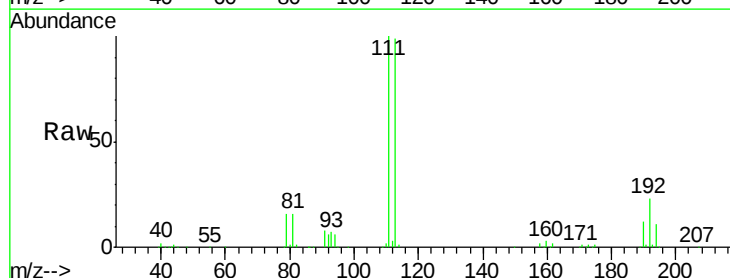
Tgt Ion:113 Resp: 726869

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

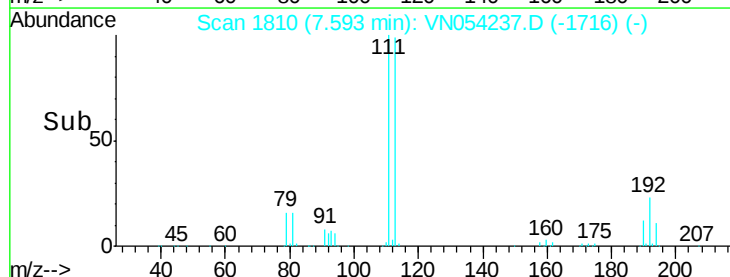
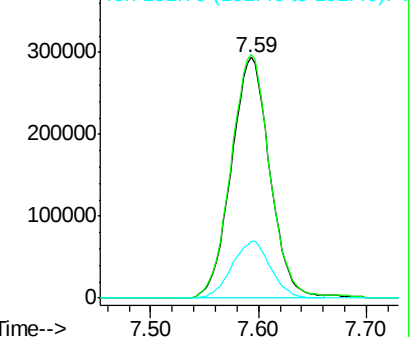
192 23.7 19.2 28.8

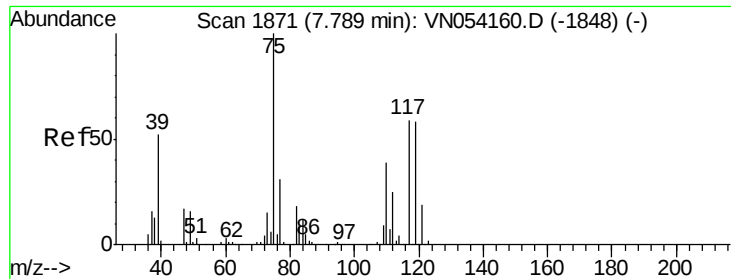


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

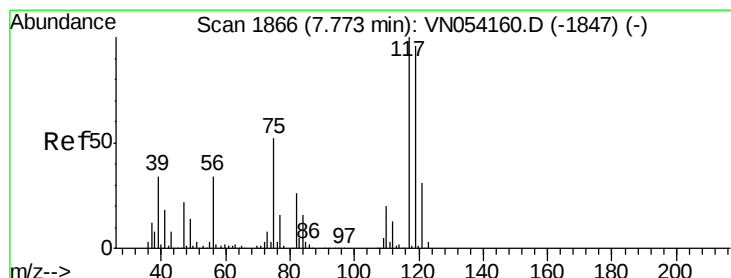
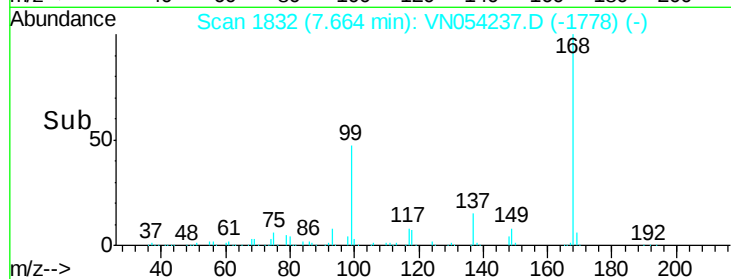
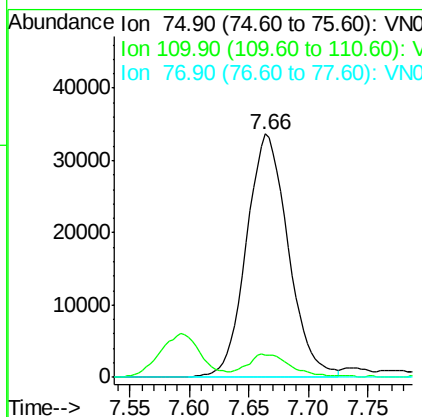
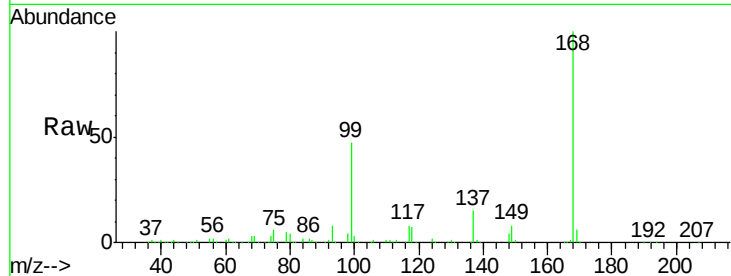




#36
 1,1-Dichloropropene
 Concen: 3.807 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

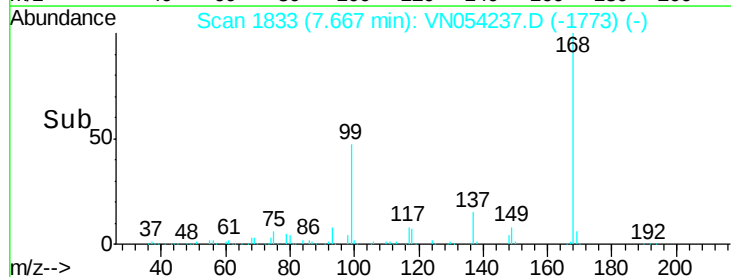
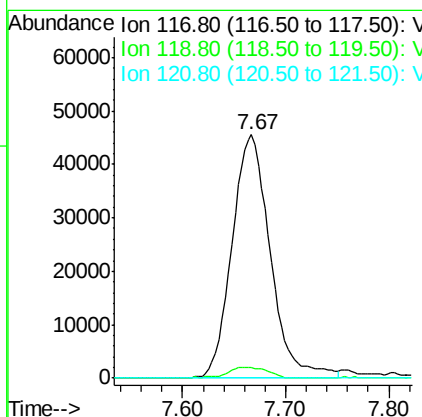
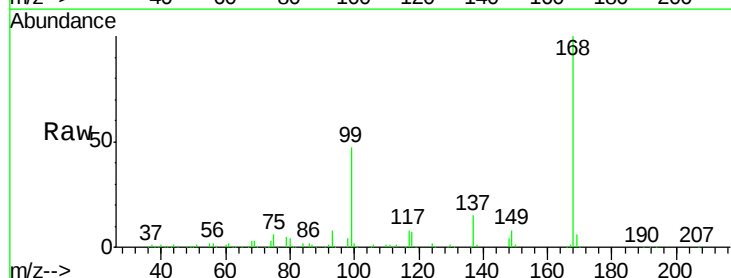
Instrument :
 MSVOA_N
 ClientSampleId :

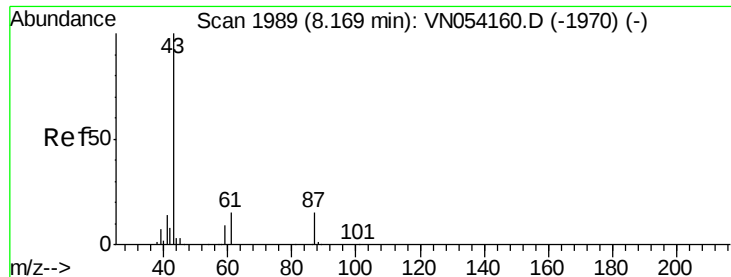
Tot Ion: 75 Resp: 82279
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.194 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

Tgt Ion: 117 Resp: 117712
 Ion Ratio Lower Upper
 117 100
 119 4.1 76.3 114.5#
 121 0.0 24.6 36.8#

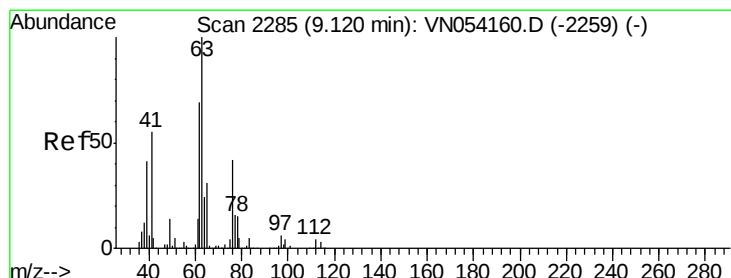
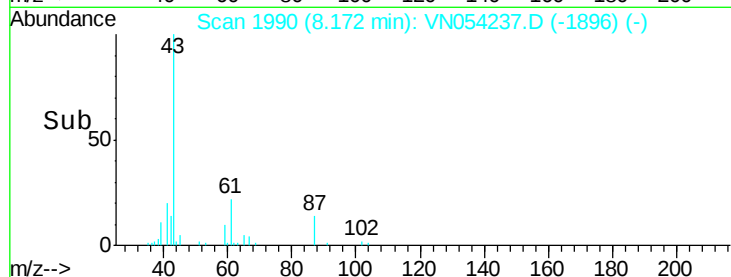
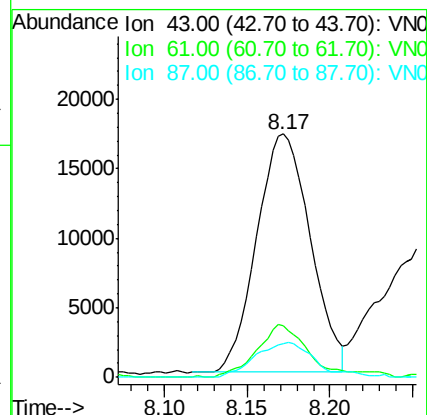
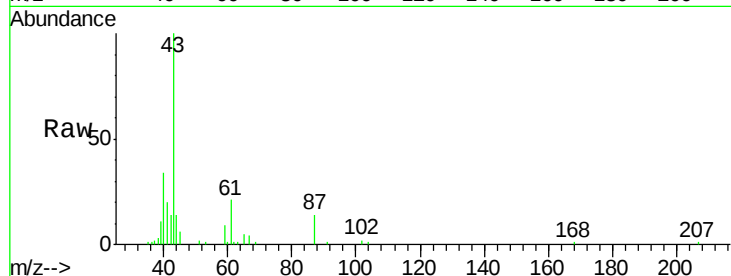




#43
Isopropyl Acetate
Concen: 1.777 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

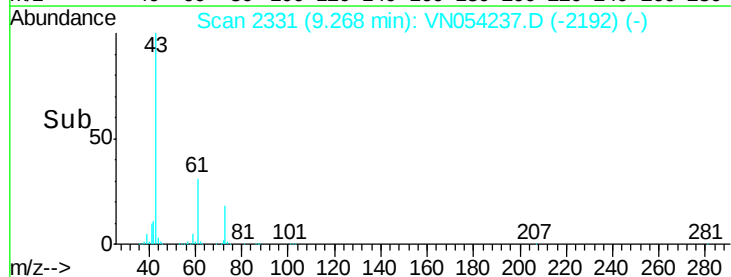
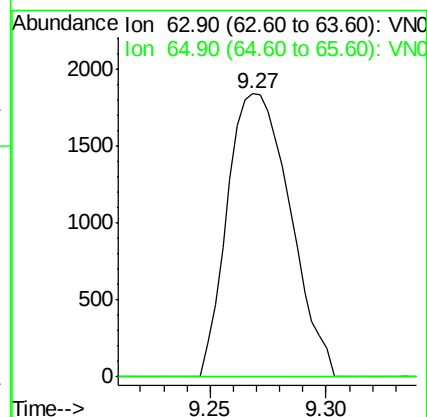
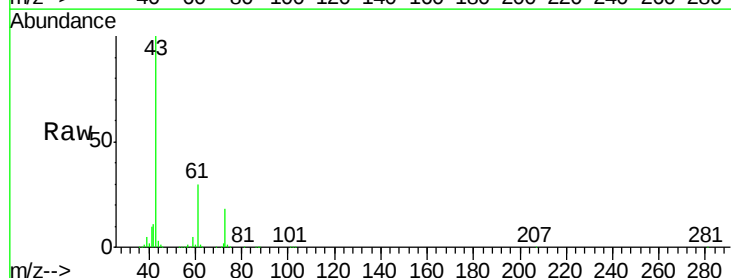
Instrument :
MSVOA_N
ClientSampleId :

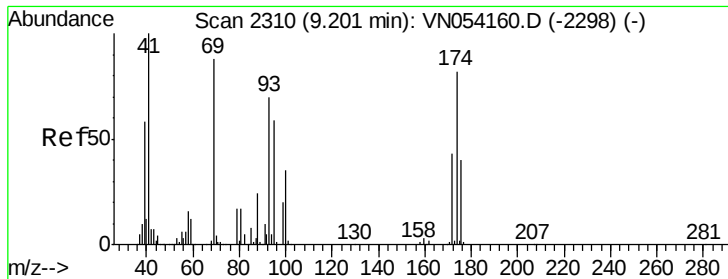
Tot Ion: 43 Resp: 38739
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.8
87 15.4 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.225 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 63 Resp: 3459
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.6#

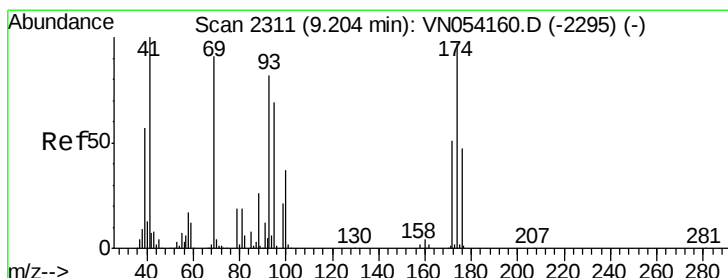
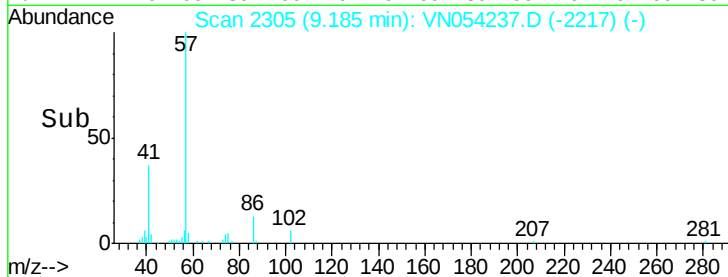
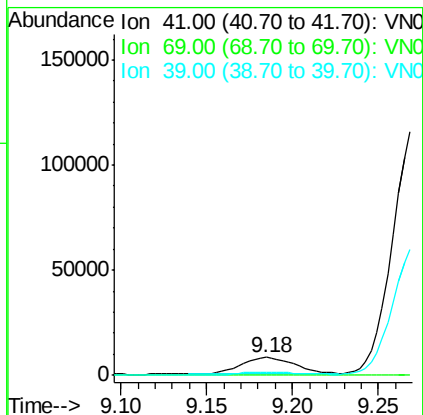
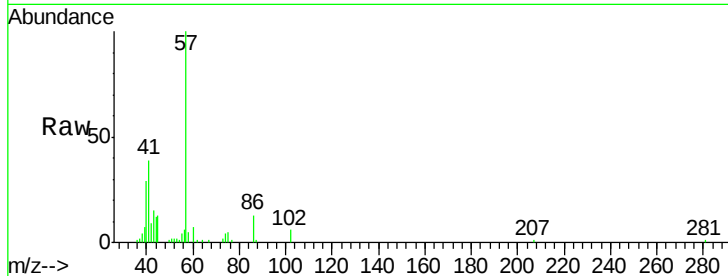




#48
Methvl methacrilate
Concen: 1.582 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

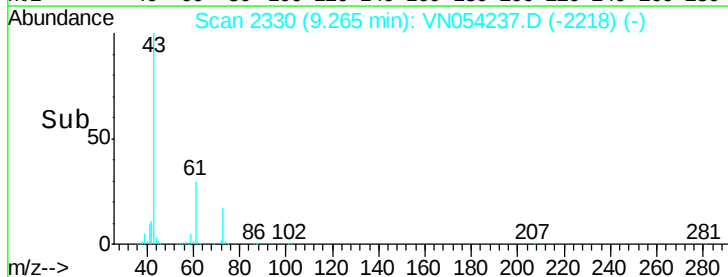
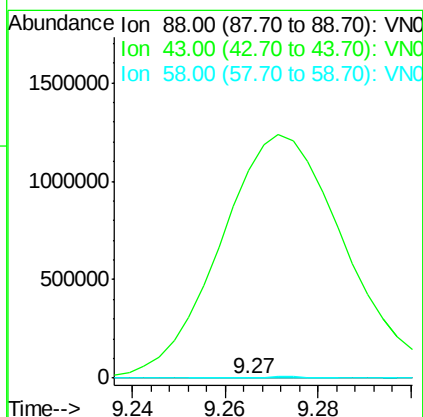
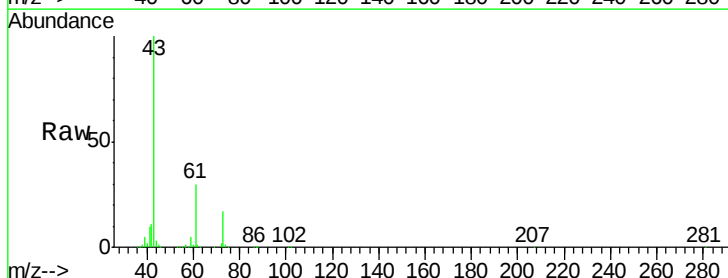
Instrument :
MSVOA_N
ClientSampled :

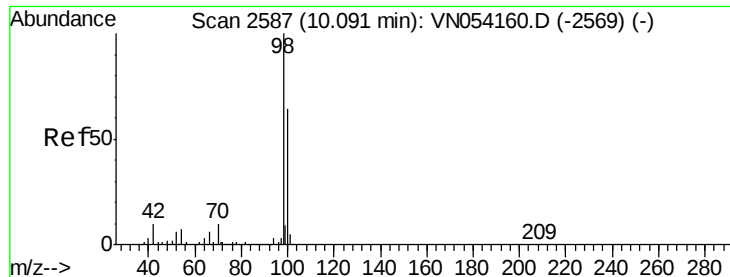
Tot Ion: 41 Resp: 17503
Ion Ratio Lower Upper
41 100
69 0.5 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 1.553 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion: 88 Resp: 243
Ion Ratio Lower Upper
88 100
43 1010925.5 24.1 36.1#
58 4471.2 50.8 76.2#





#50

Toluene-d8

Concen: 52.847 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

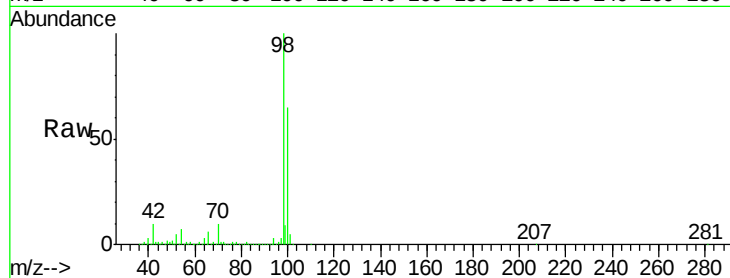
ClientSampleId :

Tot Ion: 98 Resp: 2954043

Ion Ratio Lower Upper

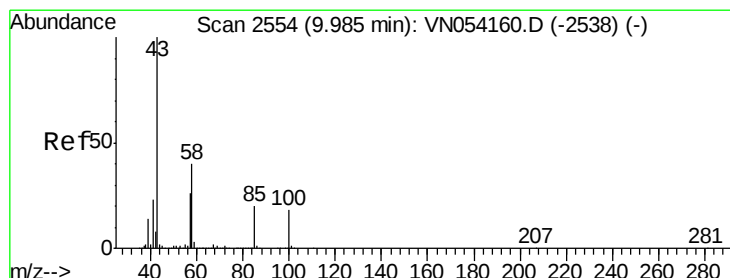
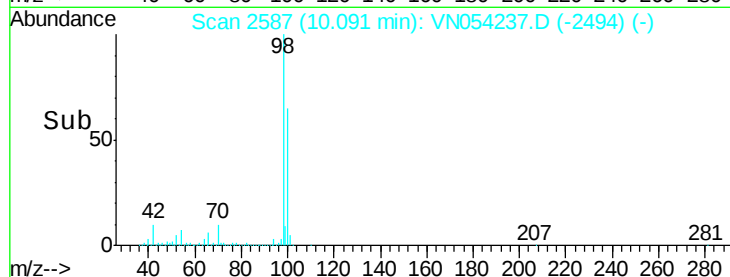
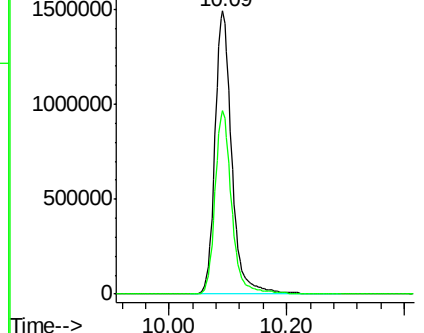
98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.474 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054237.D

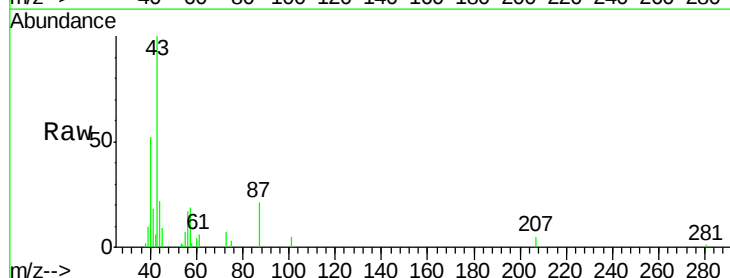
Acq: 14 Mar 2019 3:05

Tgt Ion: 43 Resp: 17001

Ion Ratio Lower Upper

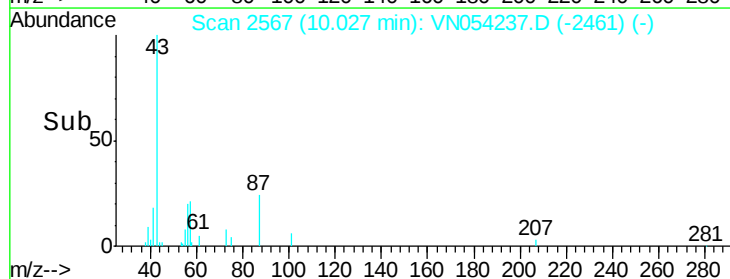
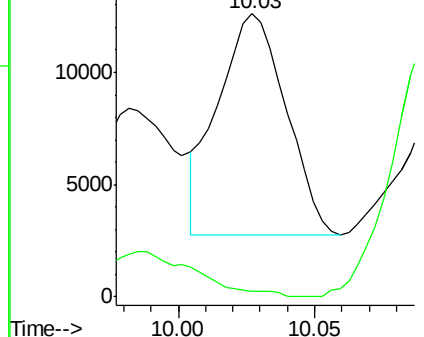
43 100

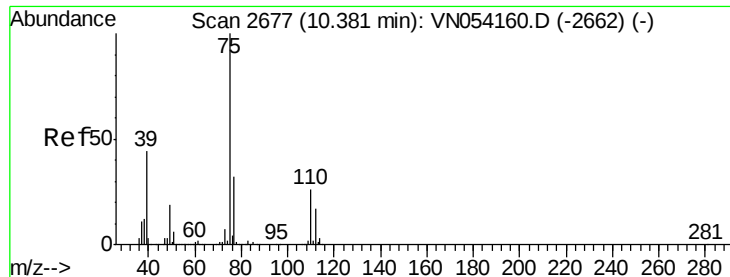
58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-2538) (-)





#53

t-1,3-Dichloropropene

Concen: 1.998 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

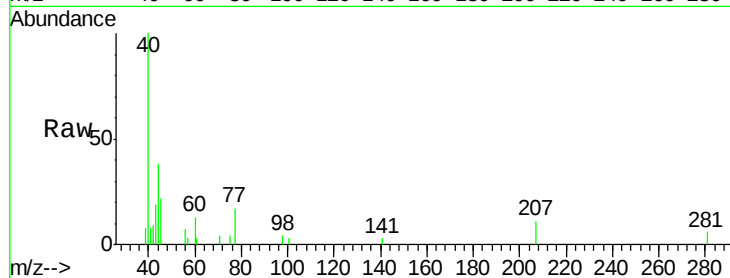
ClientSampled :

Tot Ion: 75 Resp: 298

Ion Ratio Lower Upper

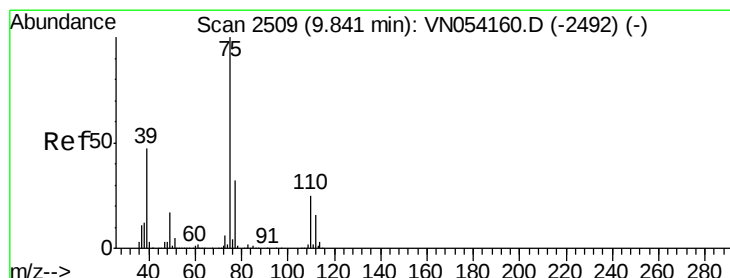
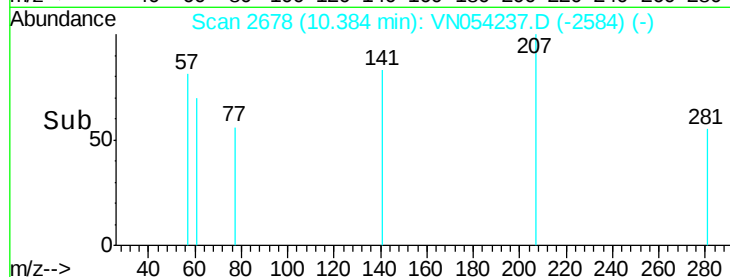
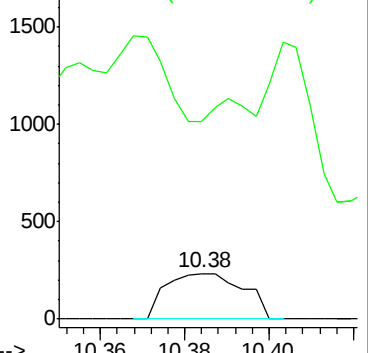
75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



#54

cis-1,3-Dichloropropene

Concen: 6.571 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

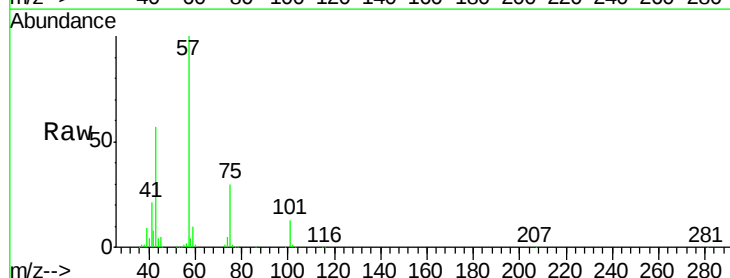
Tgt Ion: 75 Resp: 159284

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

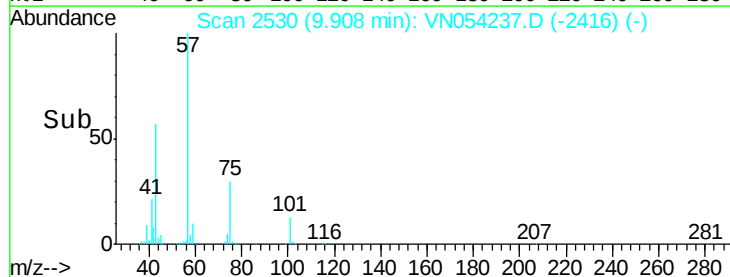
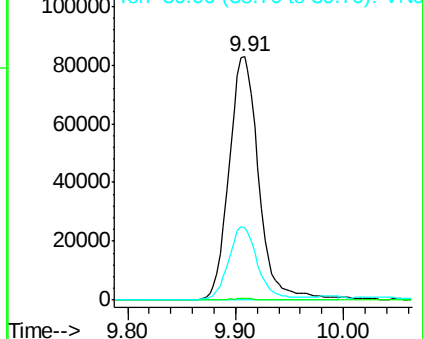
39 29.5 37.2 55.8#

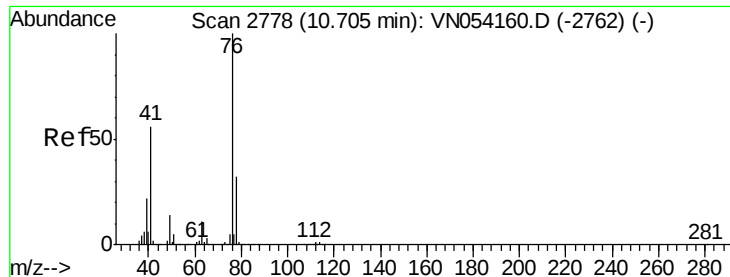


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO

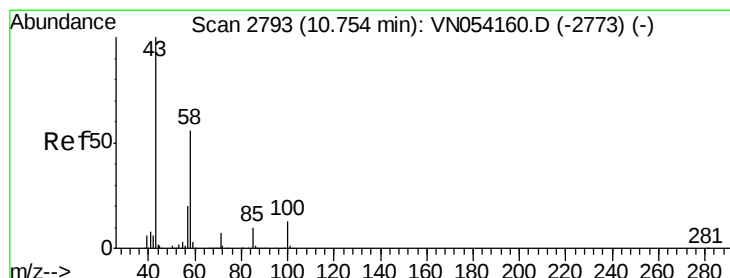
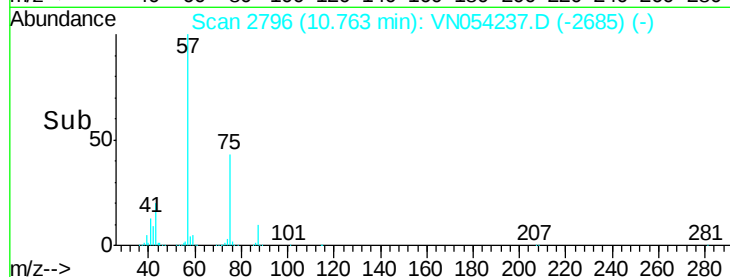
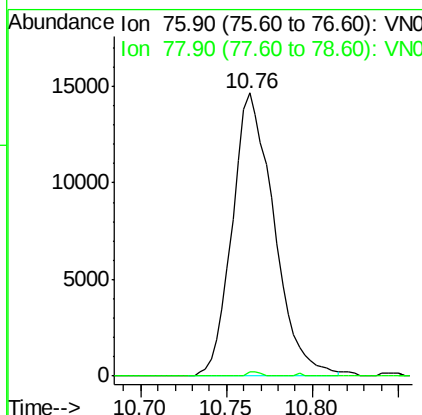
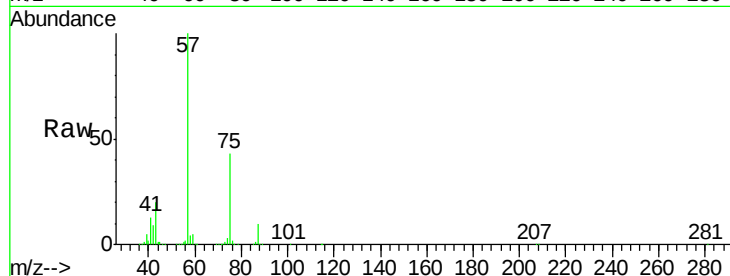




#57
 1,3-Dichloropropane
 Concen: 1.055 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

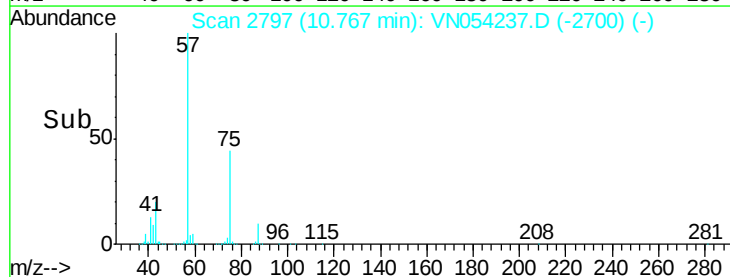
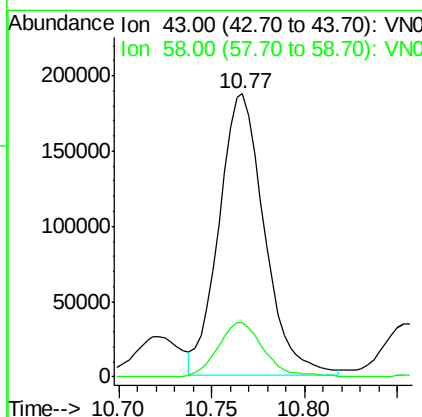
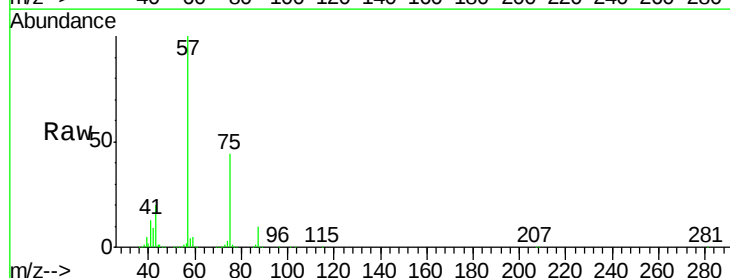
Instrument :
 MSVOA_N
 ClientSampleId :

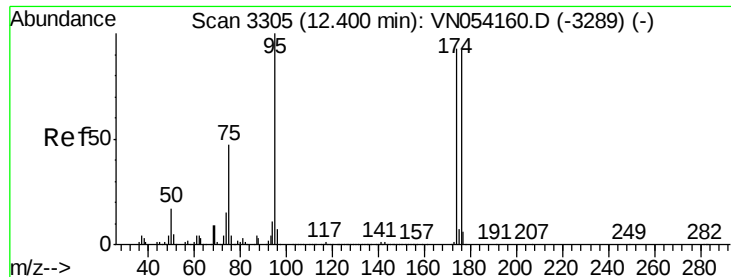
Tot Ion: 76 Resp: 24705
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.7 38.5#



#59
 2-Hexanone
 Concen: 41.574 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

Tgt Ion: 43 Resp: 319097
 Ion Ratio Lower Upper
 43 100
 58 19.7 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 58.728 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampled :

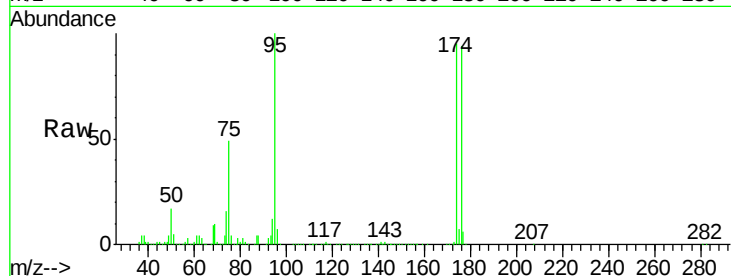
Tot Ion: 95 Resp: 1148659

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

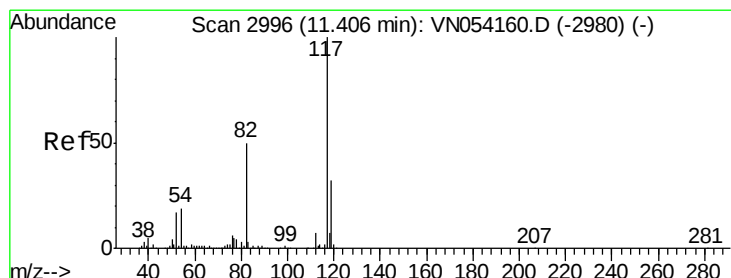
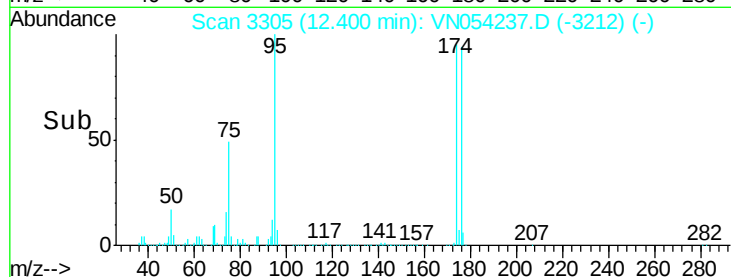
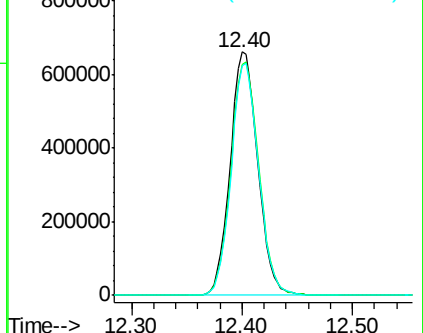
176 94.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054237.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054237.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054237.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

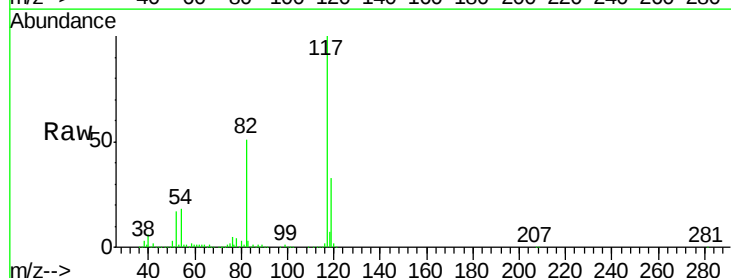
Tgt Ion: 117 Resp: 2500669

Ion Ratio Lower Upper

117 100

82 50.9 40.0 60.0

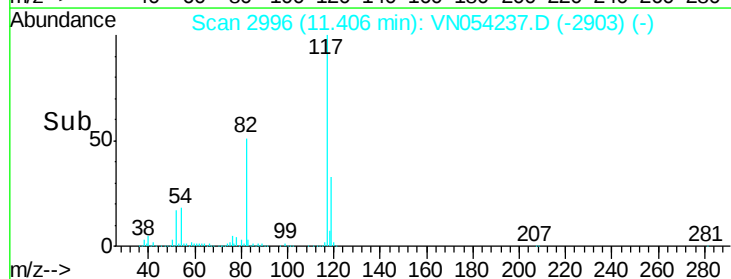
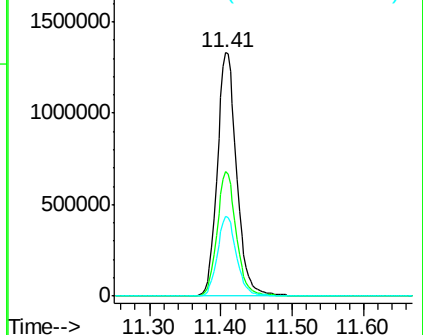
119 32.5 25.8 38.6

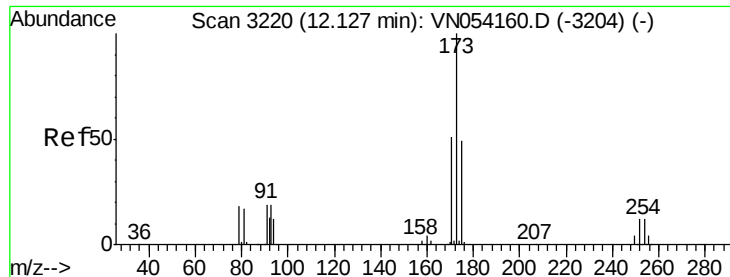


Abundance Ion 116.90 (116.60 to 117.60): VN054237.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054237.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054237.D (-2903) (-)

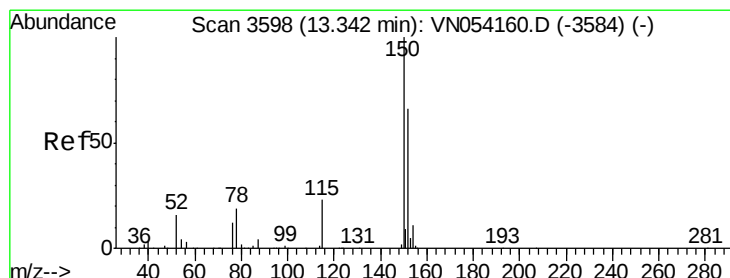
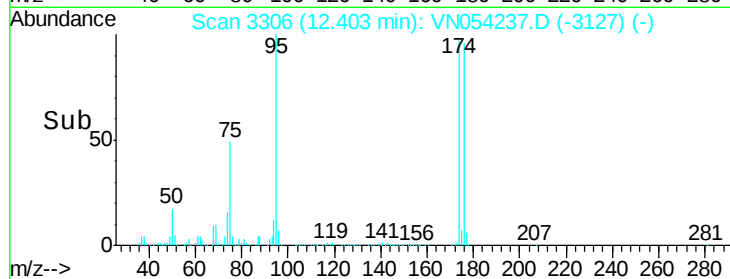
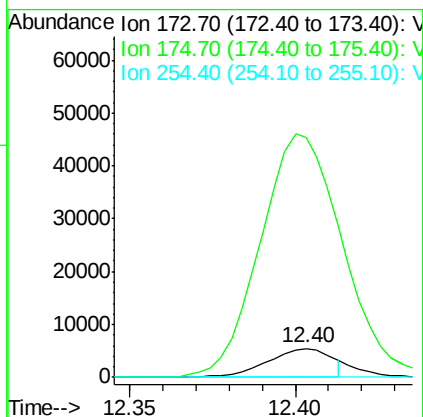
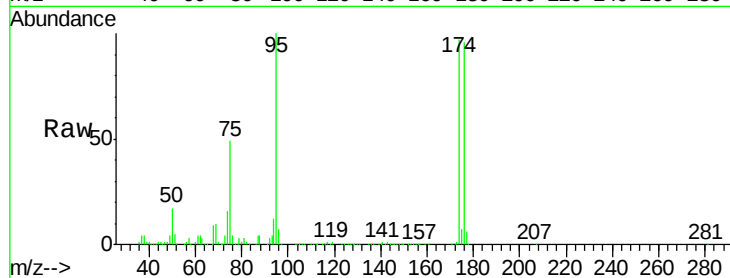




#71
Bromoform
Concen: 2.808 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

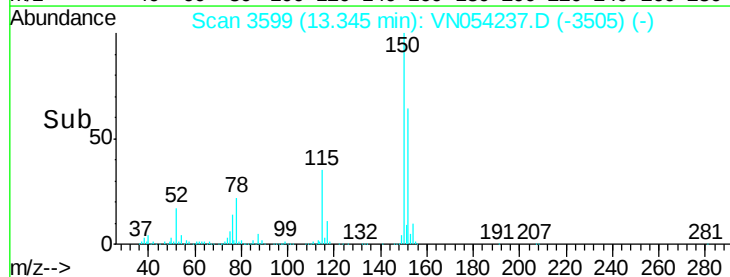
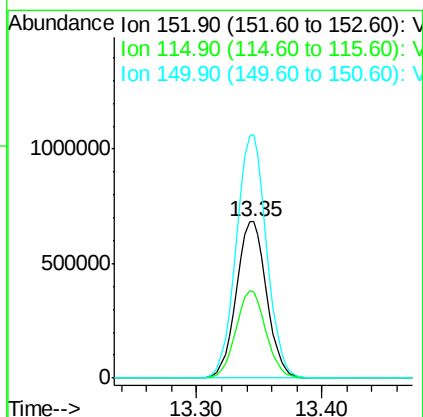
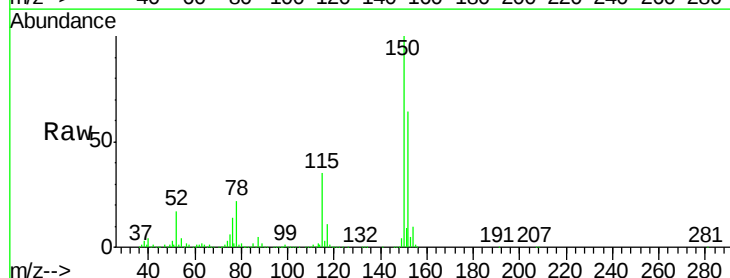
Instrument :
MSVOA_N
ClientSampleId :

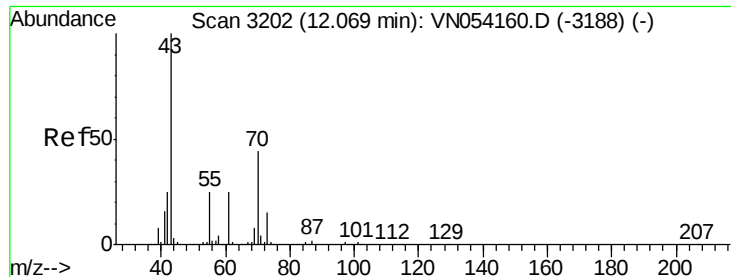
Tot Ion:173 Resp: 7303
Ion Ratio Lower Upper
173 100
175 932.1 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054237.D
Acq: 14 Mar 2019 3:05

Tgt Ion:152 Resp: 1144884
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 155.5 0.0 349.2





#74

N-amvl acetate

Concen: 1.095 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 22273

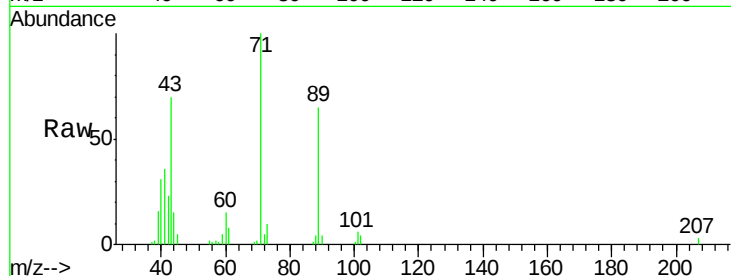
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 3.1 19.8 29.6#

61 12.1 19.8 29.6#

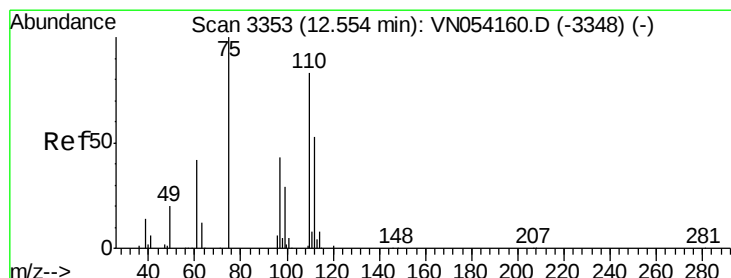
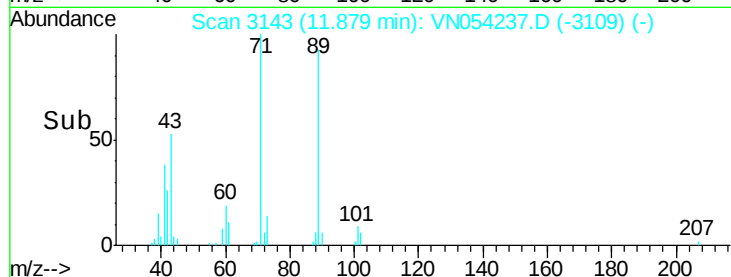
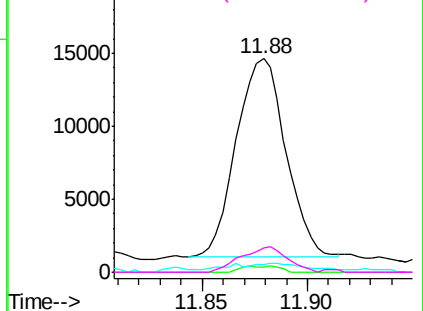


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 33.076 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054237.D

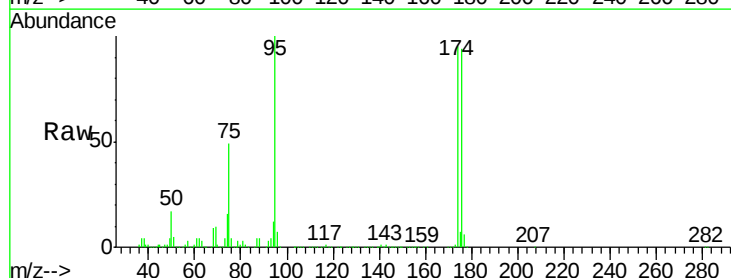
Acq: 14 Mar 2019 3:05

Tgt Ion: 75 Resp: 556872

Ion Ratio Lower Upper

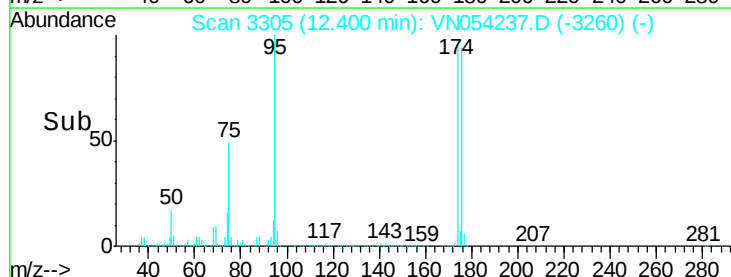
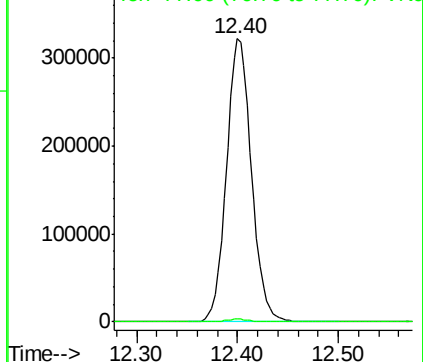
75 100

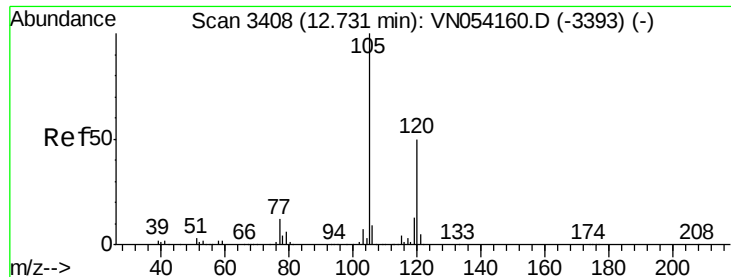
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.269 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

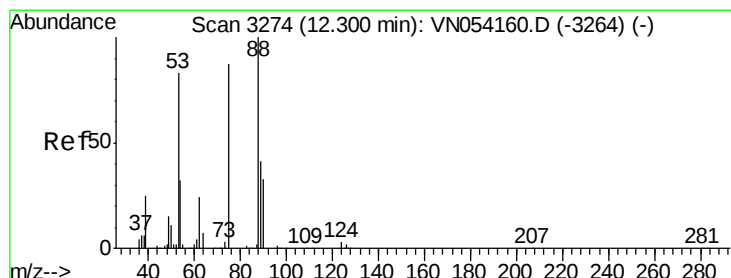
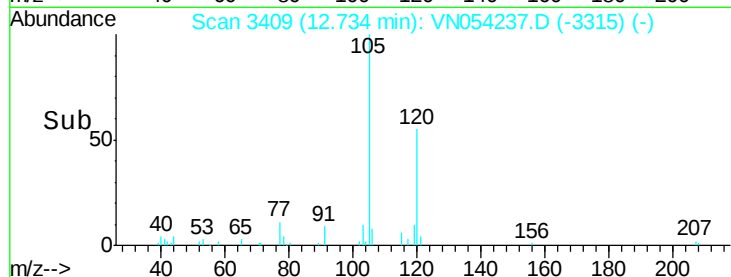
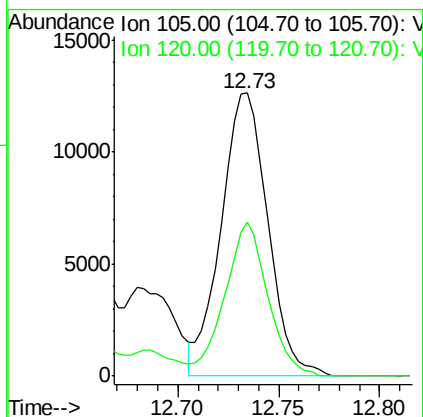
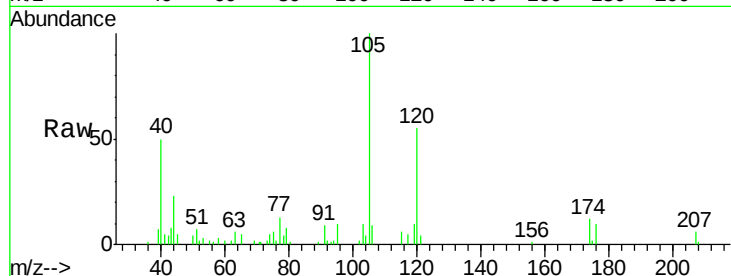
ClientSampleId :

Tot Ion:105 Resp: 20490

Ion Ratio Lower Upper

105 100

120 49.9 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

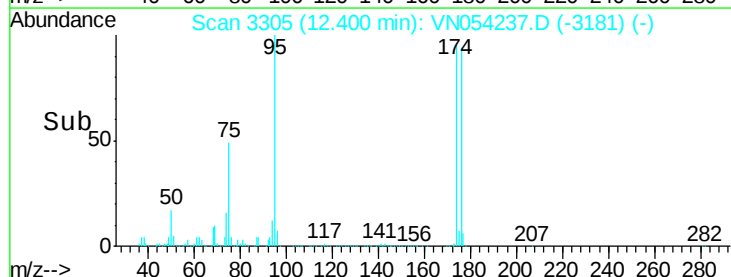
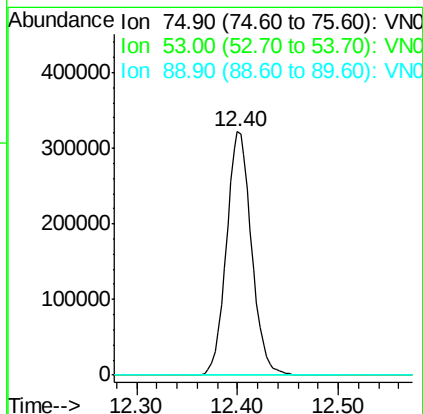
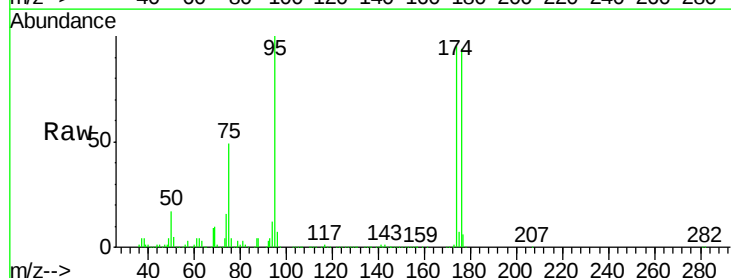
Tgt Ion: 75 Resp: 556872

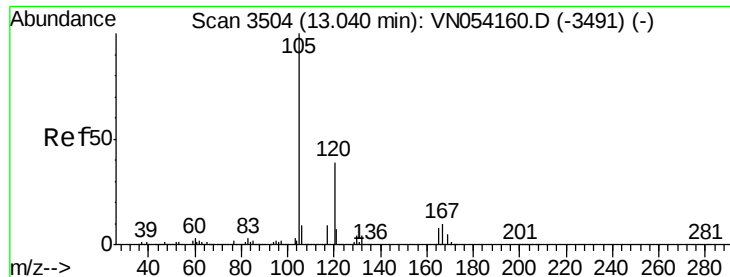
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

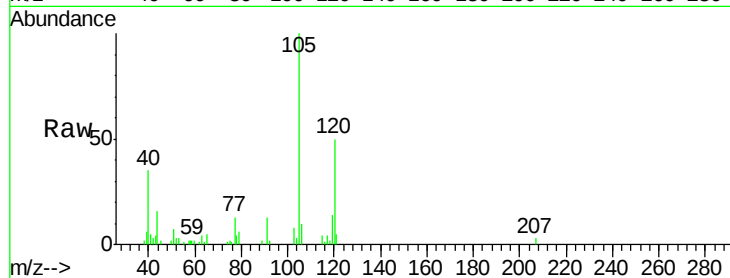
ClientSampled :

Tot Ion:105 Resp: 29455

Ion Ratio Lower Upper

105 100

120 49.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

20000

15000

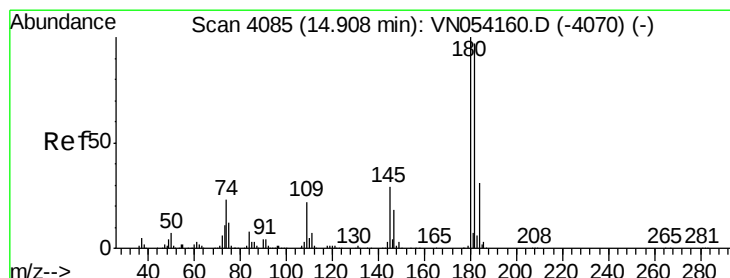
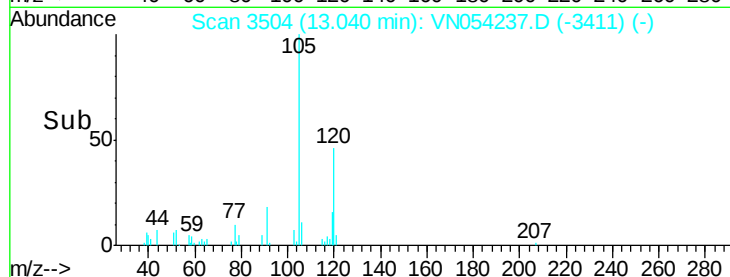
10000

5000

0

Time-->

13.00 13.05 13.10



#93

1,2,4-Trichlorobenzene

Concen: 2.605 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

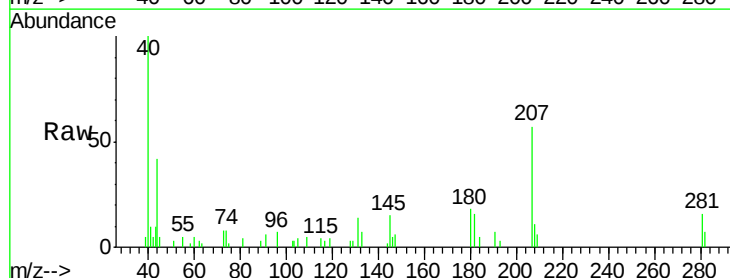
Tgt Ion:180 Resp: 2246

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 99.5 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

2000

1500

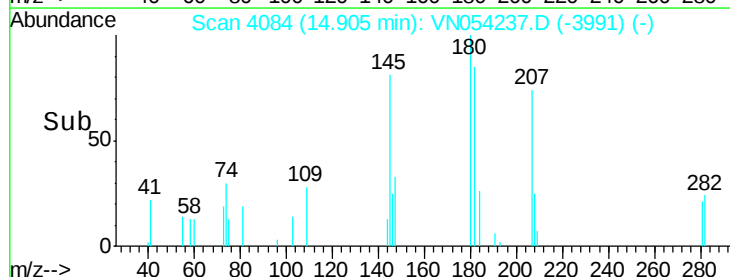
1000

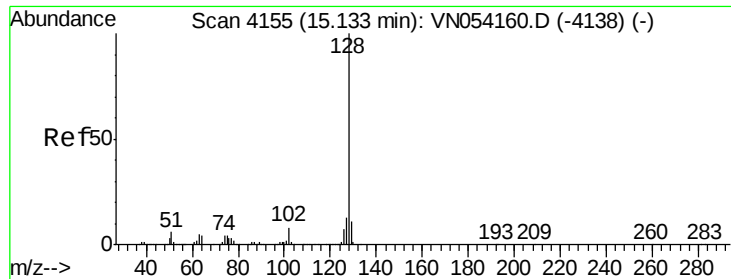
500

0

Time-->

14.90 14.95





#95

Naphthalene

Concen: 7.593 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

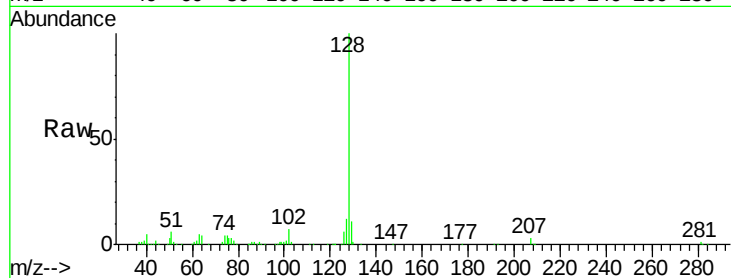
Tot Ion:128 Resp: 222482

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 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

