

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054182.D
 Acq On : 13 Mar 2019 00:24
 Operator : JC/SP
 Sample : K1849-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 H1308-PC

Quant Time: Mar 13 07:32:39 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	1361228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2269464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2418736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1194182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	761779	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
35) Dibromofluoromethane	7.59	113	702845	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	2858518	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.40	95	1157888	61.22	ug/l	0.00
Spiked Amount			Recovery	=	122.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.93	142	494	1.521	ug/l #	46
11) Tert butyl alcohol	4.82	59	767	0.774	ug/l #	45
14) Allyl chloride	4.54	41	36313	2.001	ug/l #	21
16) Acetone	3.82	43	61757	14.920	ug/l	95
17) Carbon Disulfide	4.04	76	8098	0.228	ug/l #	83
20) Methylene Chloride	4.54	84	1222480	89.947	ug/l	99
25) 2-Butanone	6.86	43	16454	3.387	ug/l	95
29) Tetrahydrofuran	7.23	42	3867	1.238	ug/l #	72
31) Cyclohexane	7.66	56	22352	Below Cal	#	15
36) 1,1-Dichloropropene	7.66	75	79640	3.811	ug/l #	48
38) Carbon Tetrachloride	7.66	117	115089	5.251	ug/l #	16
43) Isopropyl Acetate	8.17	43	48678	2.309	ug/l	98
48) Methyl methacrylate	9.18	41	43697	4.085	ug/l #	31
49) 1,4-Dioxane	9.27	88	406	2.683	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	17647	1.582	ug/l #	87
53) t-1,3-Dichloropropene	10.38	75	1219	2.037	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	148137	6.320	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	28228	1.247	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.69	63	343	16.873	ug/l #	44
59) 2-Hexanone	10.76	43	387211	52.167	ug/l #	52
68) m/p-Xylenes	11.62	106	8230	0.239	ug/l	93
71) Bromoform	12.40	173	6775	2.790	ug/l #	1
74) N-ethyl acetate	12.03	43	58583	2.762	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	549320	31.281	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16922	0.213	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	549320	106.931	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	33915	0.435	ug/l	99
89) n-Butylbenzene	13.62	91	15234	0.241	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	9408	2.872	ug/l #	87
94) Hexachlorobutadiene	15.01	225	3561	0.224	ug/l	86
95) Naphthalene	15.13	128	282936	8.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	8394	0.379	ug/l #	86

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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

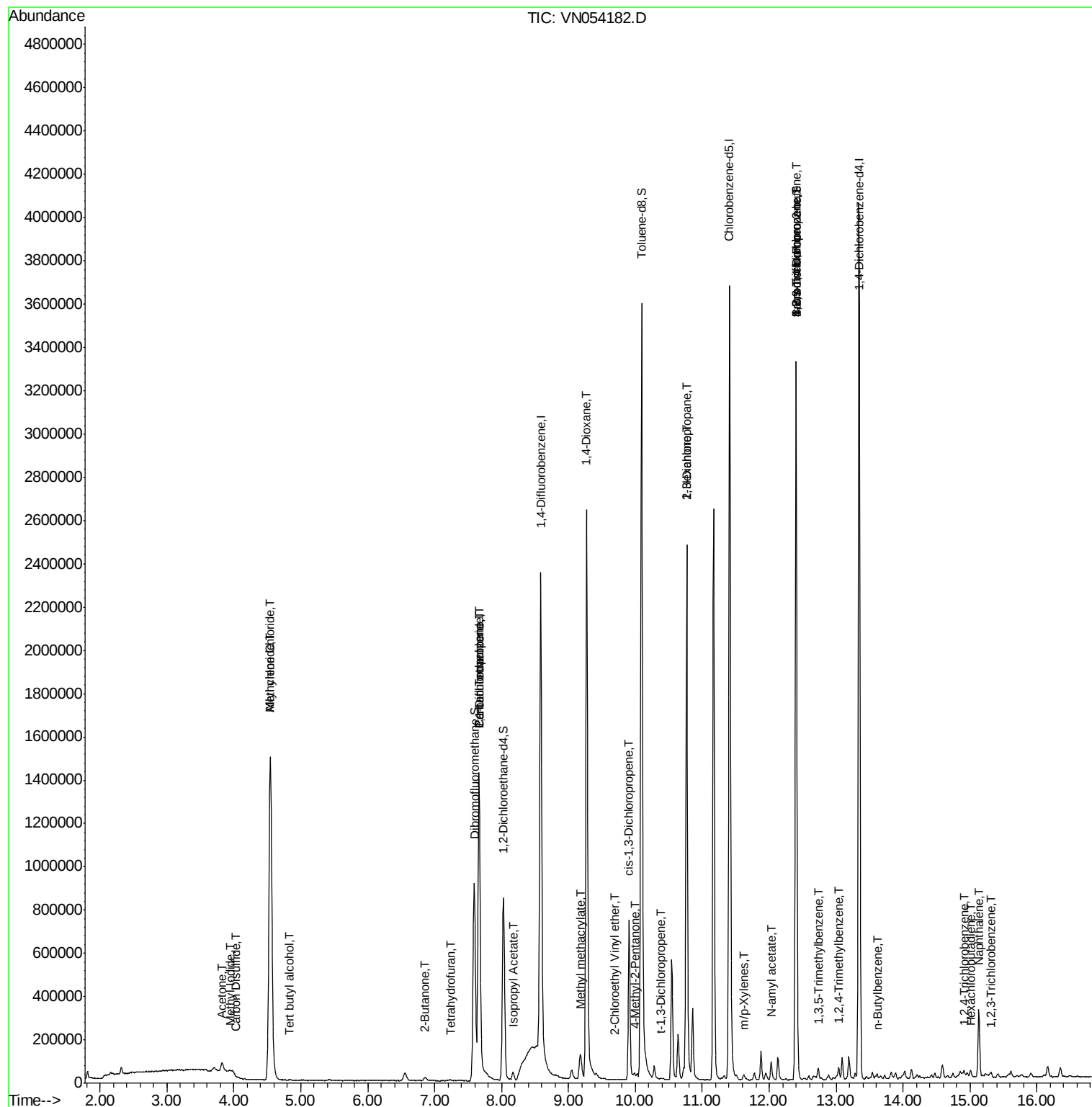
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

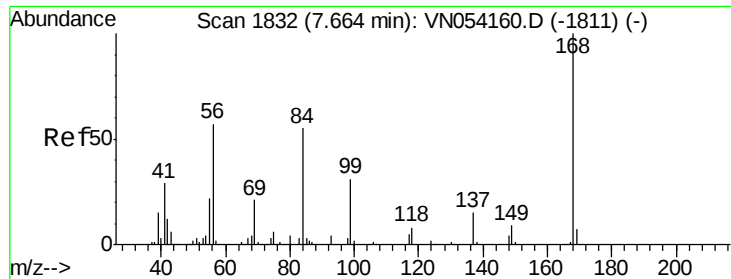
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031219\
Data File : VN054182.D
Acq On : 13 Mar 2019 00:24
Operator : JC/SP
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Quant Time: Mar 13 07:32:39 2019
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: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampled :

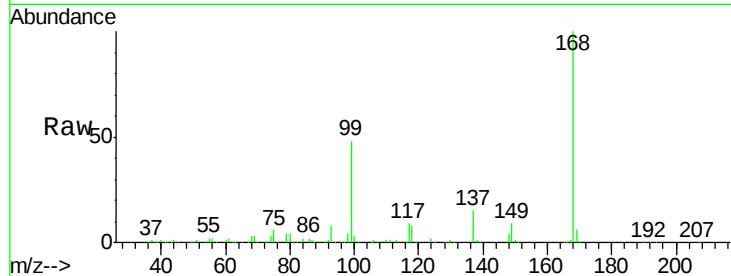
H1308-PC

Tot Ion:168 Resp: 1361228

Ion Ratio Lower Upper

168 100

99 48.1 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

500000

400000

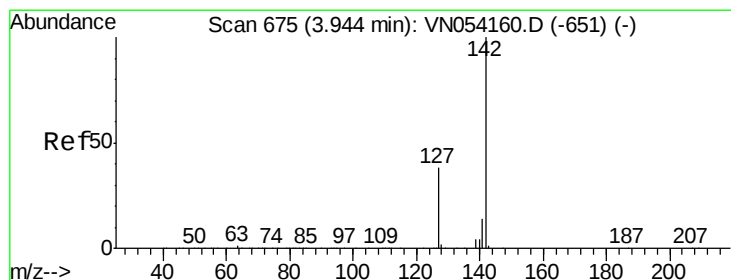
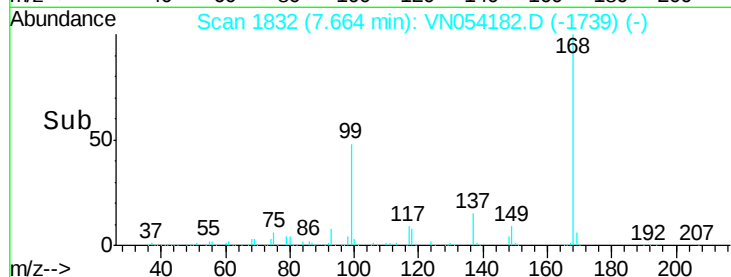
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.521 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

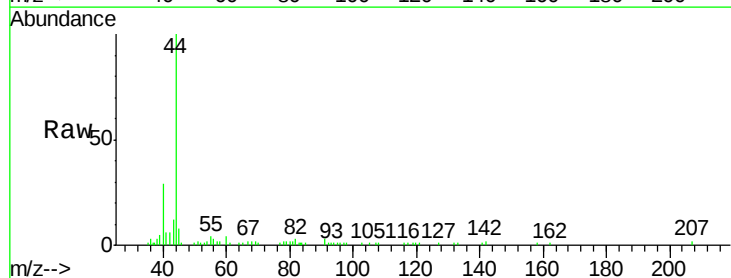
Tgt Ion:142 Resp: 494

Ion Ratio Lower Upper

142 100

127 12.3 30.3 45.5#

141 48.4 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

500

400

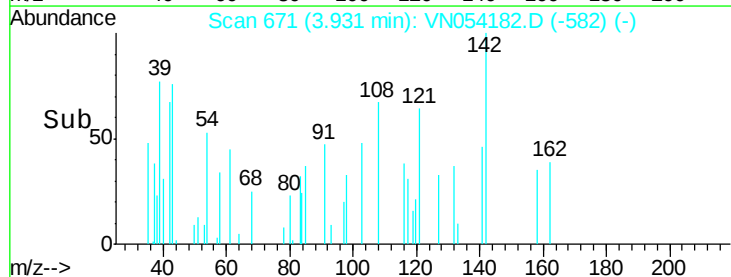
300

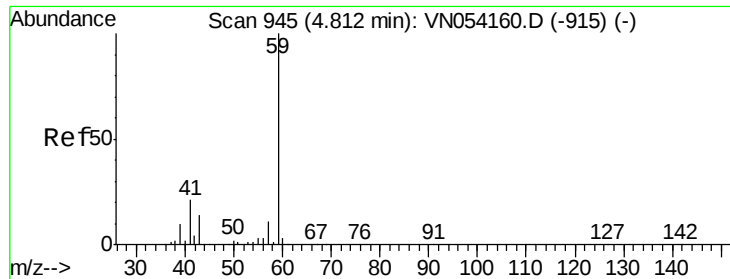
200

100

0

Time-->

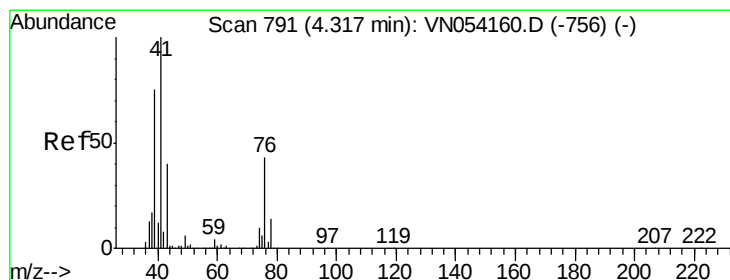
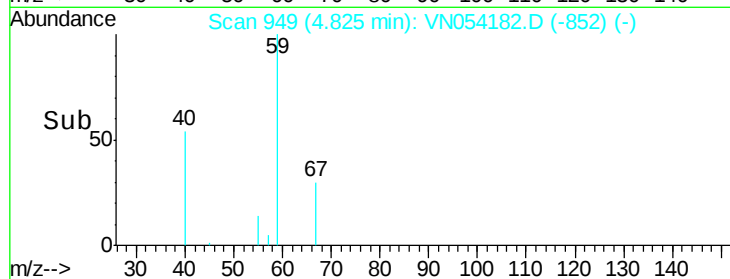
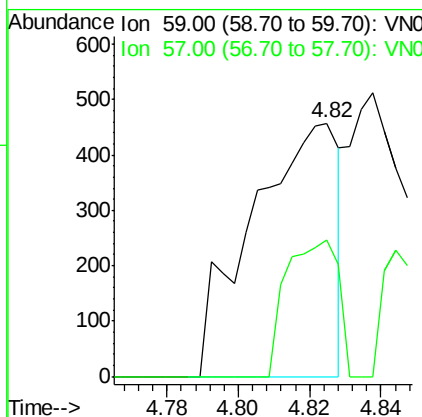
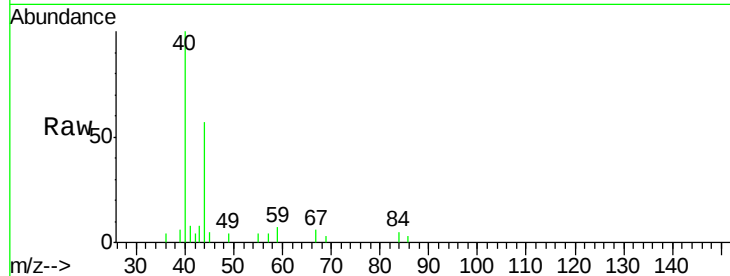




#11
Tert butyl alcohol
Concen: 0.774 ug/l
RT: 4.82 min Scan# 949
Delta R.T. 0.01 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

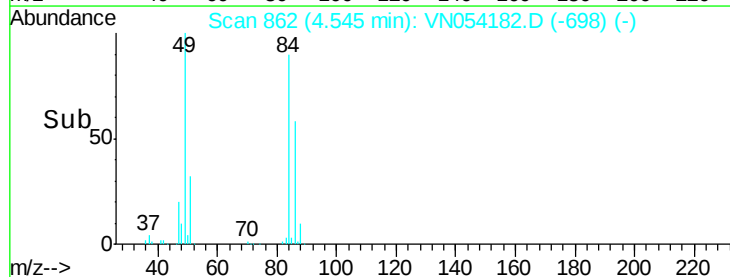
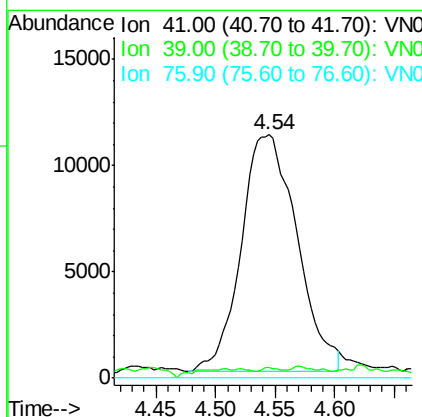
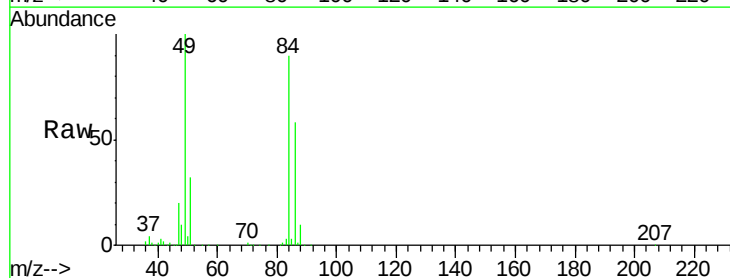
Instrument :
MSVOA_N
ClientSampled :
H1308-PC

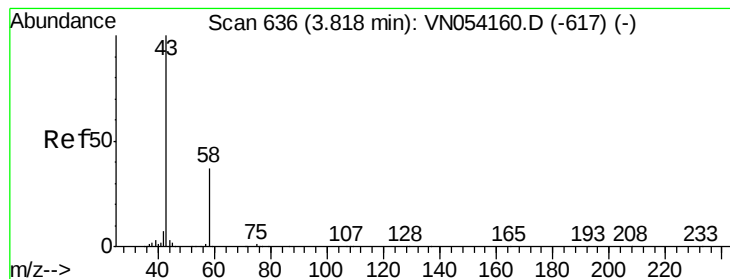
Tot Ion: 59 Resp: 767
Ion Ratio Lower Upper
59 100
57 32.3 9.0 13.6#



#14
Allyl chloride
Concen: 2.001 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Tgt Ion: 41 Resp: 36313
Ion Ratio Lower Upper
41 100
39 0.5 58.2 87.4#
76 0.0 31.7 47.5#





#16

Acetone

Concen: 14.920 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

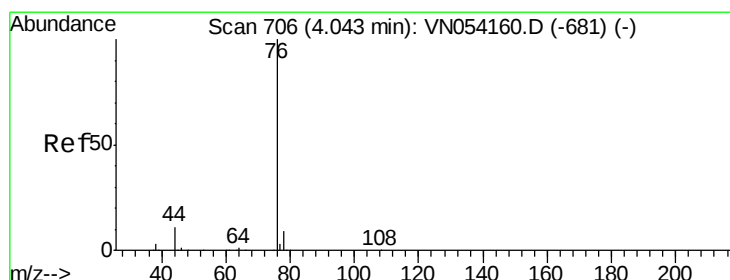
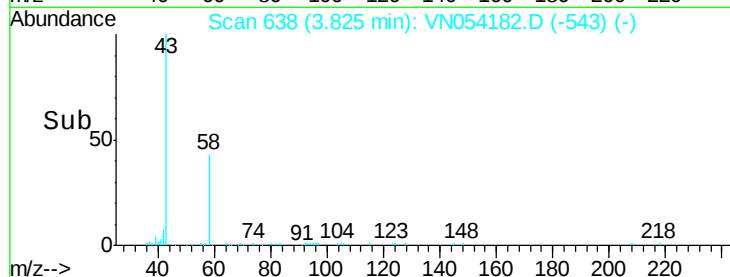
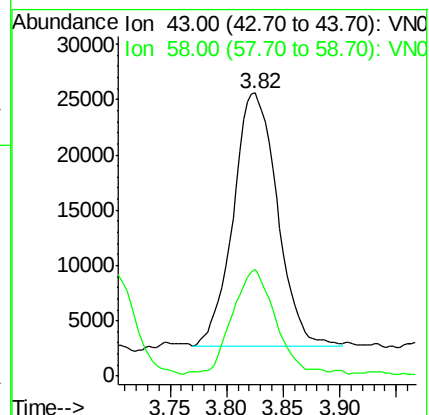
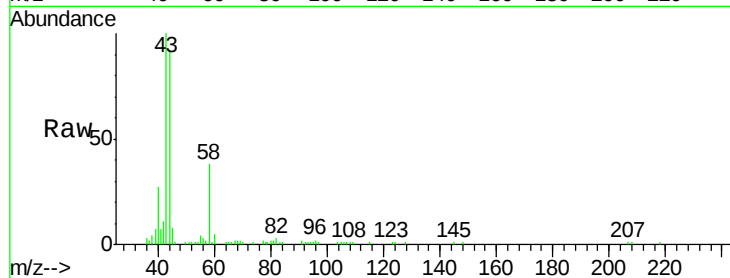
H1308-PC

Tot Ion: 43 Resp: 61757

Ion Ratio Lower Upper

43 100

58 40.7 29.9 44.9



#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054182.D

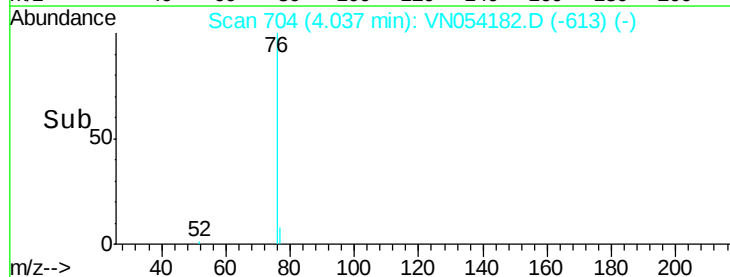
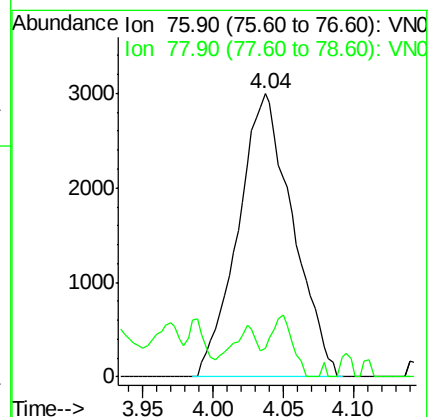
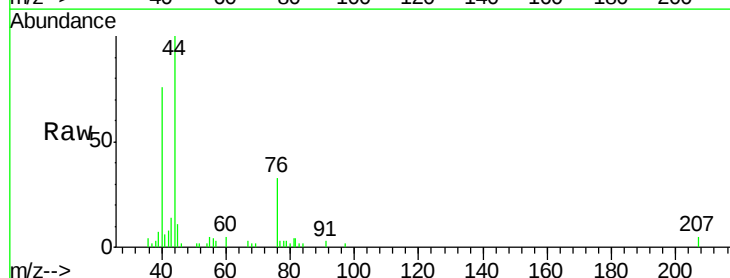
Acq: 13 Mar 2019 00:24

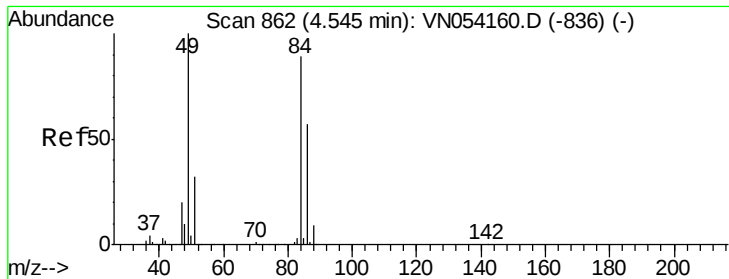
Tgt Ion: 76 Resp: 8098

Ion Ratio Lower Upper

76 100

78 3.3 7.5 11.3#





#20

Methvlene Chloride

Concen: 89.947 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

Tot Ion: 84 Resp: 1222480

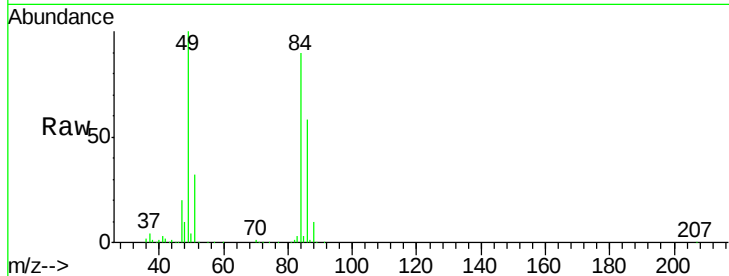
Ion Ratio Lower Upper

84 100

49 110.9 89.7 134.5

51 35.5 28.2 42.4

86 64.3 50.8 76.2

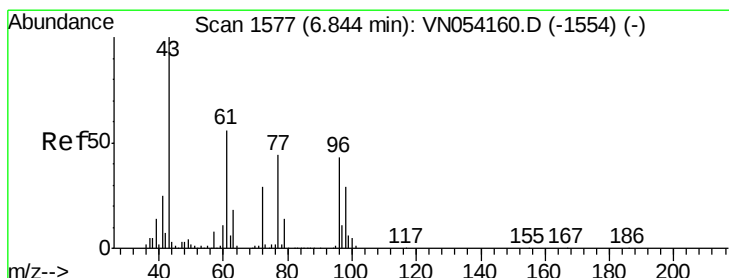
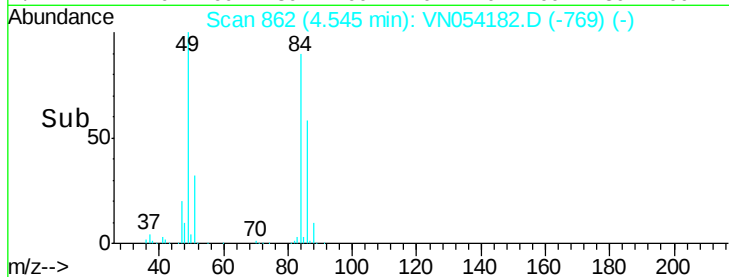
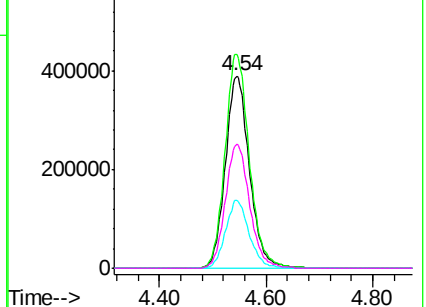


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 3.387 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.02 min

Lab File: VN054182.D

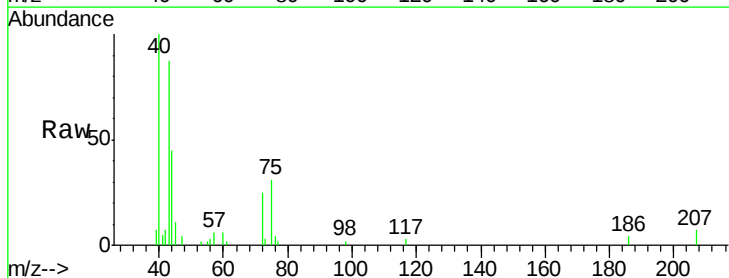
Acq: 13 Mar 2019 00:24

Tgt Ion: 43 Resp: 16454

Ion Ratio Lower Upper

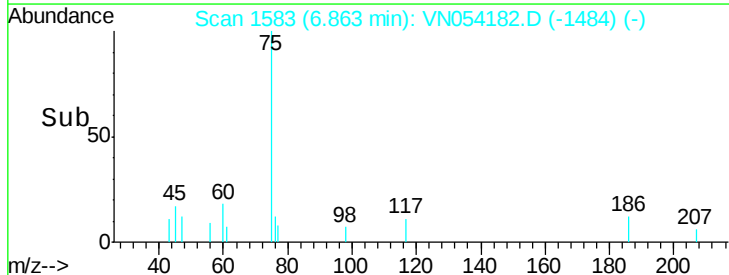
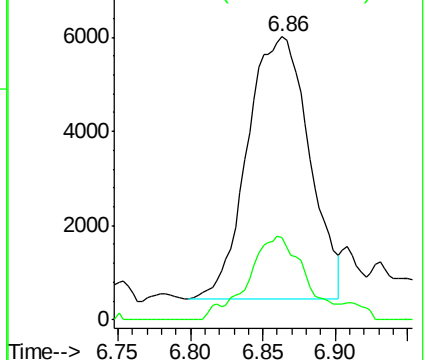
43 100

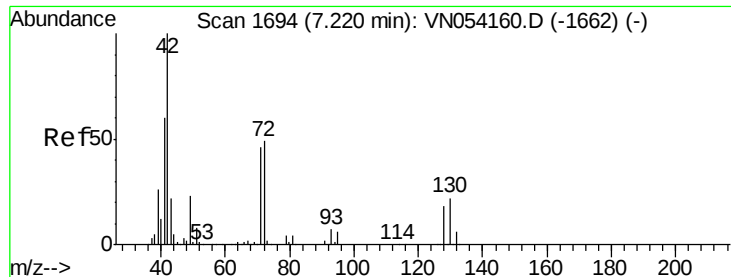
72 31.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.238 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

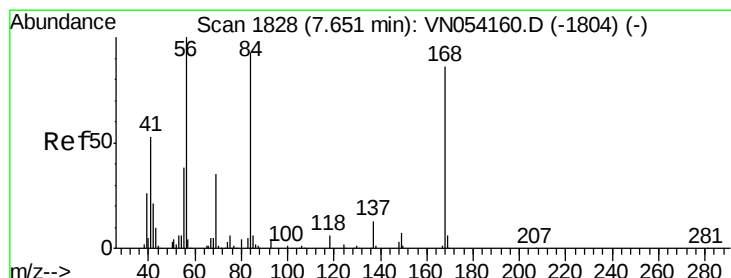
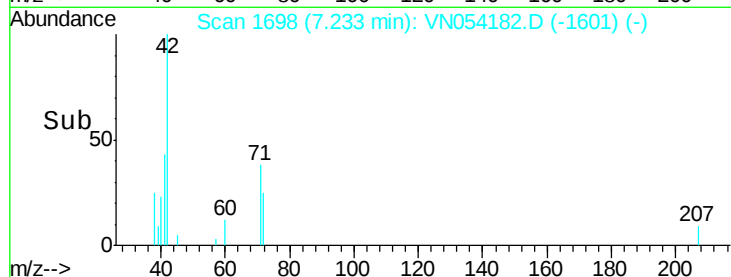
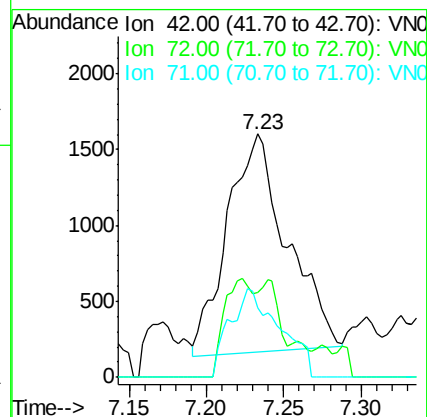
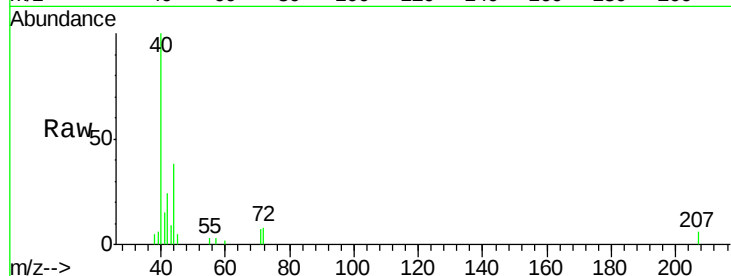
Tot Ion: 42 Resp: 3867

Ion Ratio Lower Upper

42 100

72 20.9 37.8 56.6#

71 34.0 36.2 54.2#



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

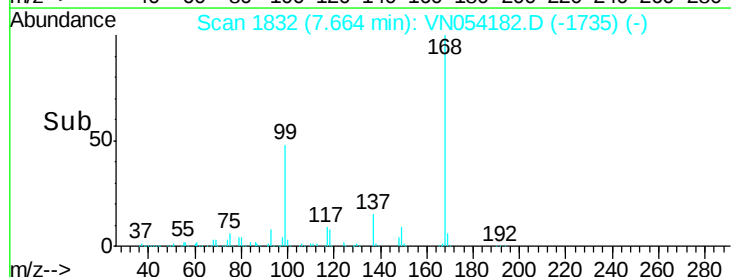
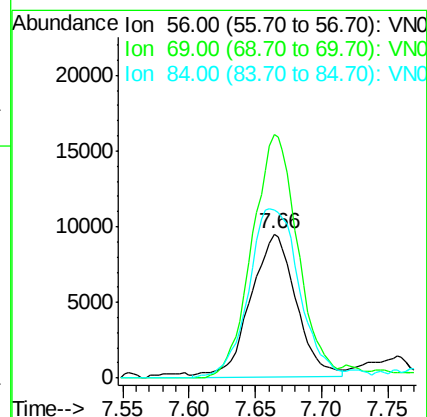
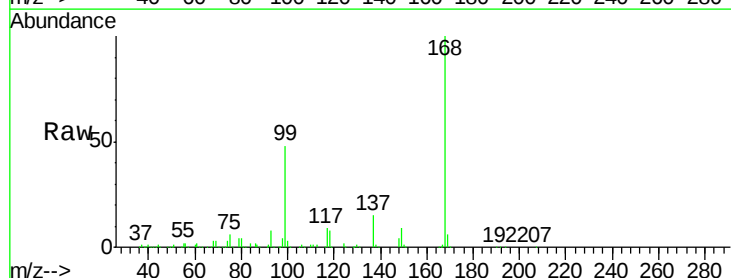
Tgt Ion: 56 Resp: 22352

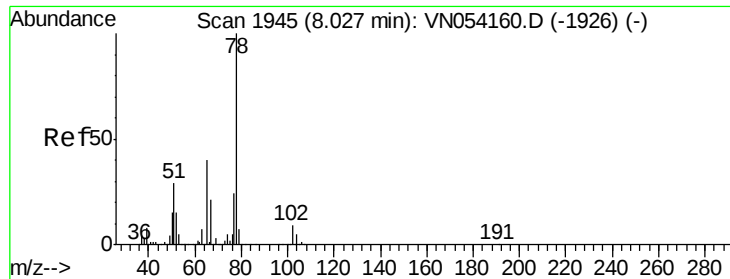
Ion Ratio Lower Upper

56 100

69 172.7 27.8 41.6#

84 119.6 74.6 111.8#

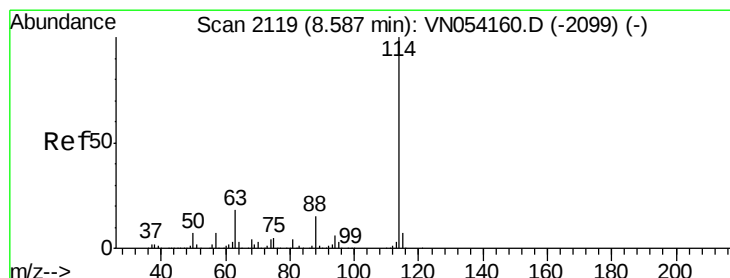
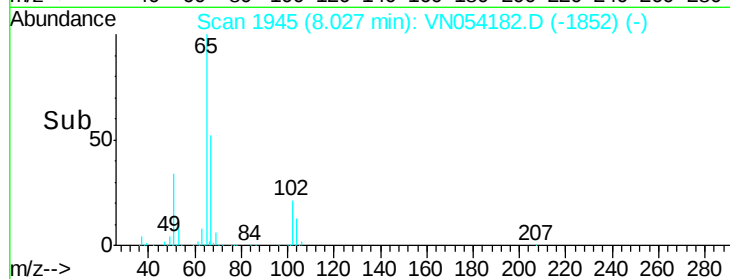
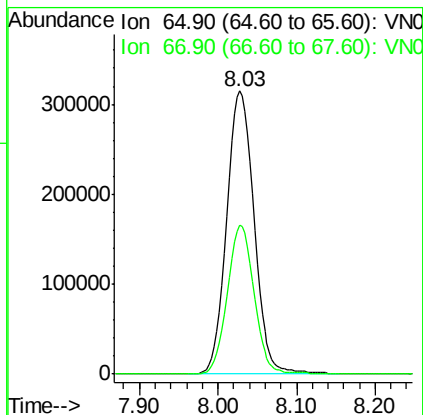
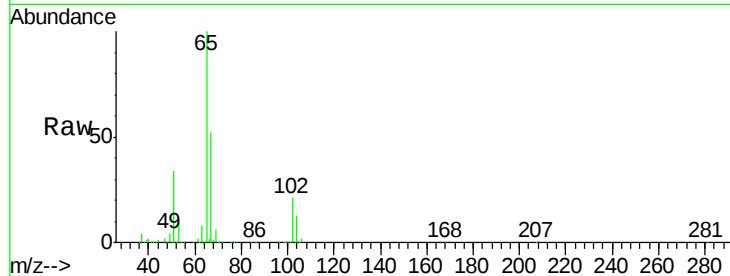




#33
 1,2-Dichloroethane-d4
 Concen: 52.695 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054182.D
 Acq: 13 Mar 2019 00:24

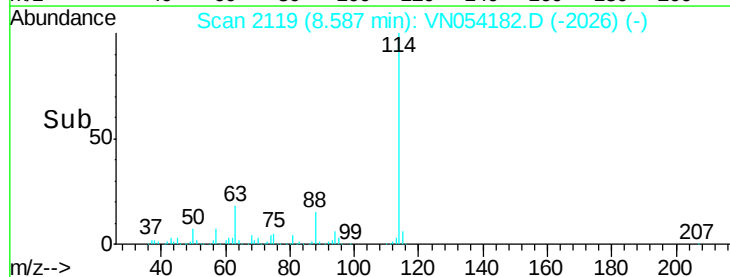
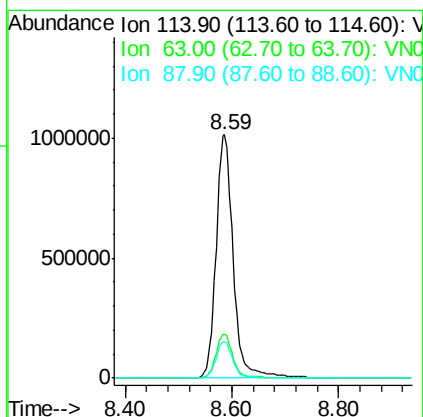
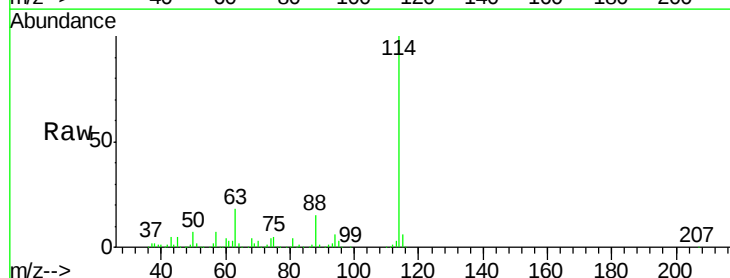
Instrument :
 MSVOA_N
 ClientSampleId :
 H1308-PC

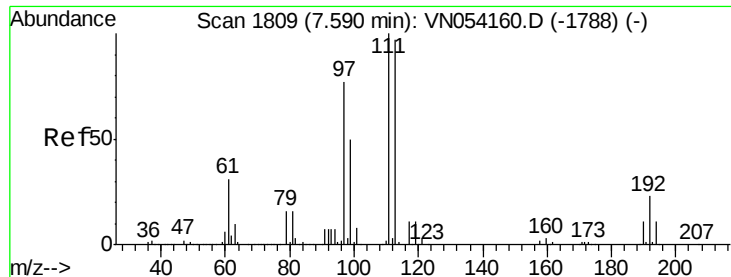
Tot Ion: 65 Resp: 761779
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054182.D
 Acq: 13 Mar 2019 00:24

Tgt Ion: 114 Resp: 2269464
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 14.9 0.0 30.2

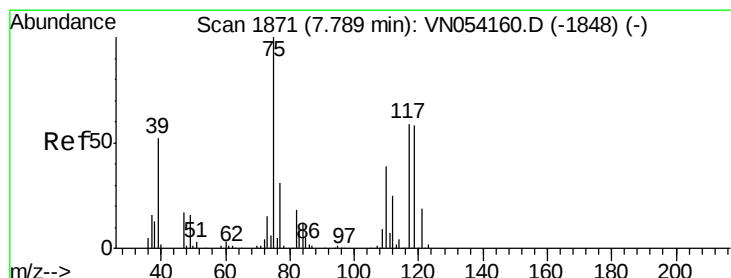
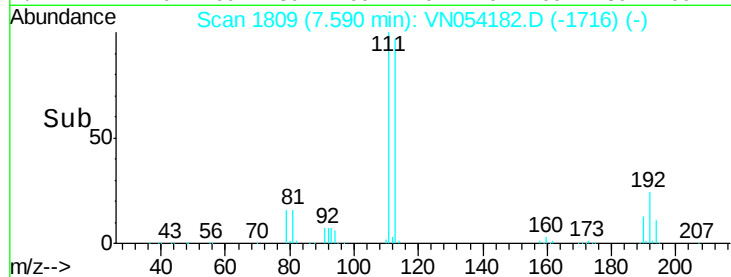
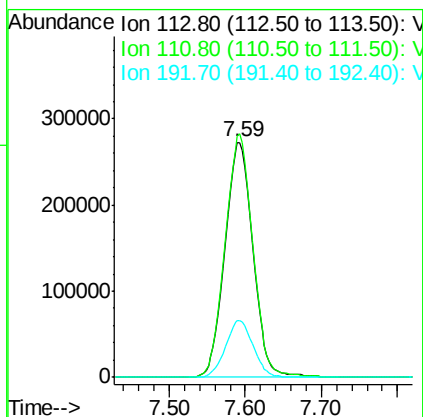
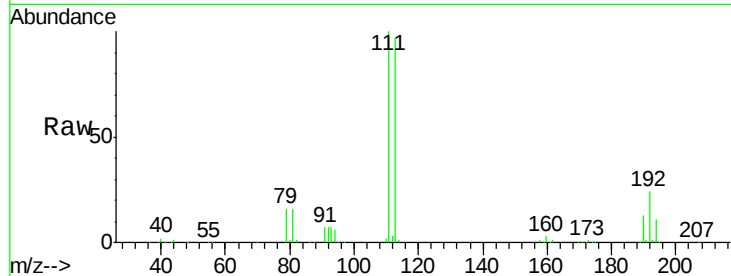




#35
 Dibromofluoromethane
 Concen: 48.018 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054182.D
 Acq: 13 Mar 2019 00:24

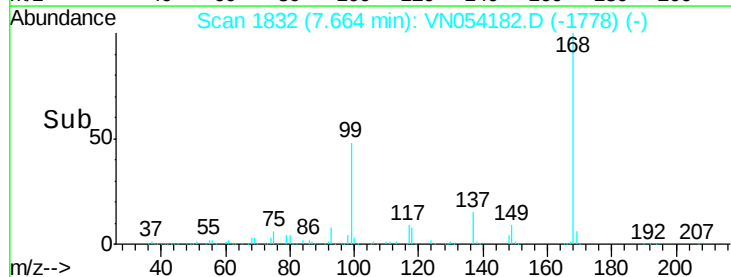
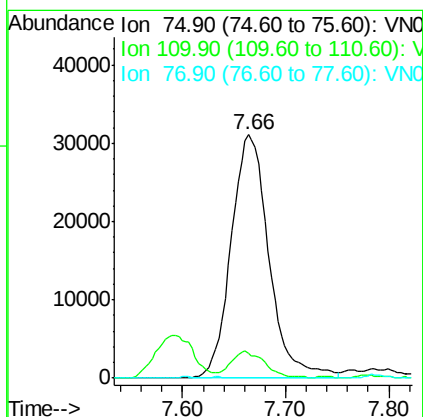
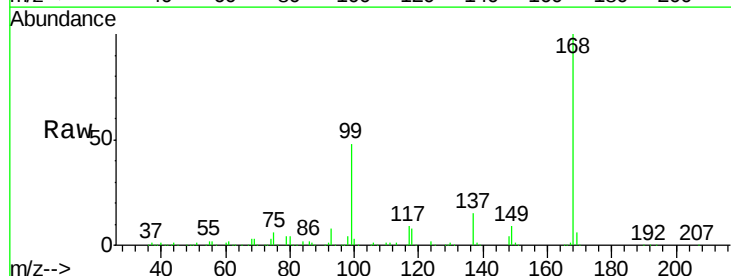
Instrument :
 MSVOA_N
 ClientSampleId :
 H1308-PC

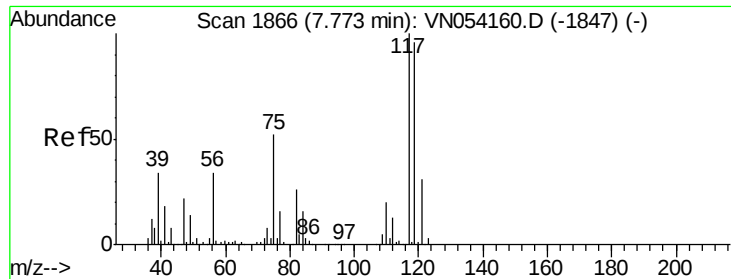
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	23.6	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 3.811 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054182.D
 Acq: 13 Mar 2019 00:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.5#
77	0.0	25.0	37.4#

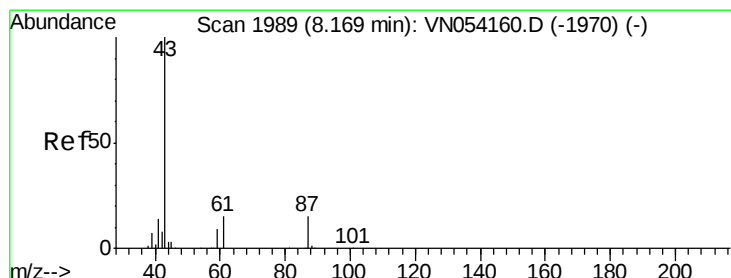
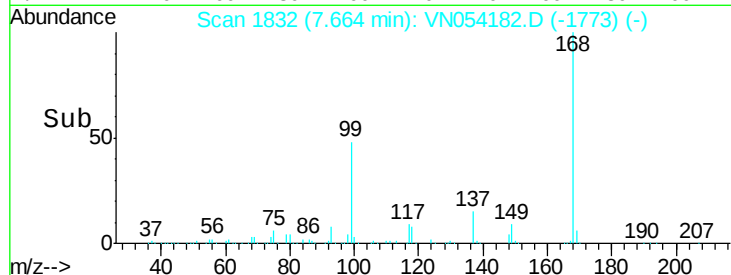
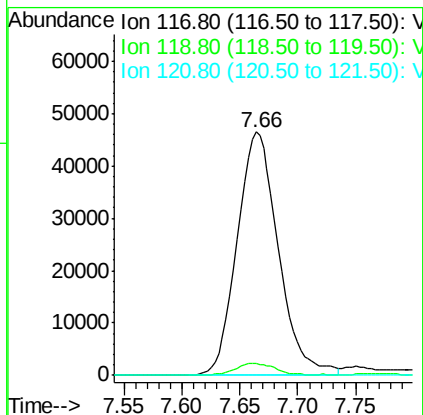
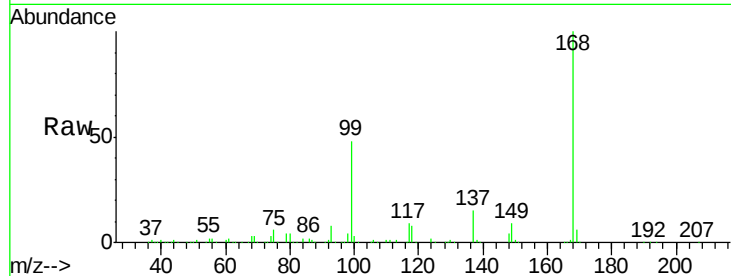




#38
Carbon Tetrachloride
Concen: 5.251 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

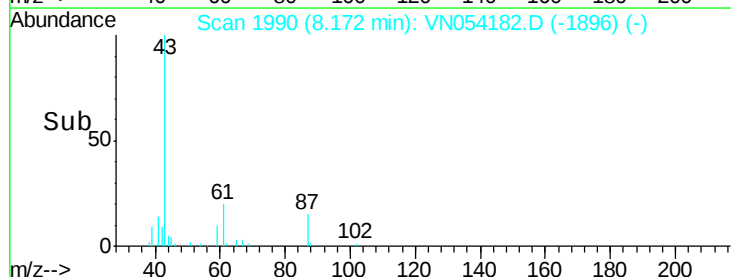
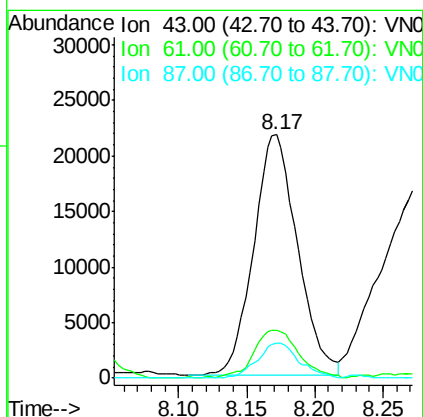
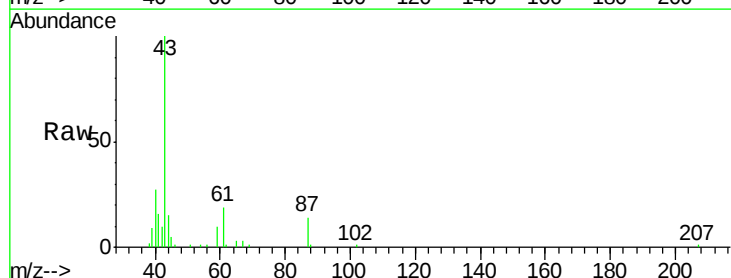
Instrument :
MSVOA_N
ClientSampleId :
H1308-PC

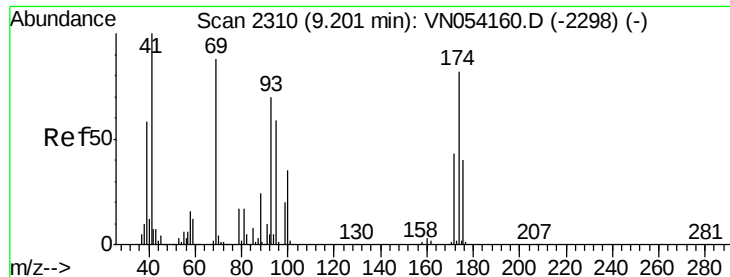
Tot Ion:117 Resp: 115089
Ion Ratio Lower Upper
117 100
119 4.7 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.309 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Tgt Ion: 43 Resp: 48678
Ion Ratio Lower Upper
43 100
61 20.3 15.8 23.8
87 13.7 12.0 18.0

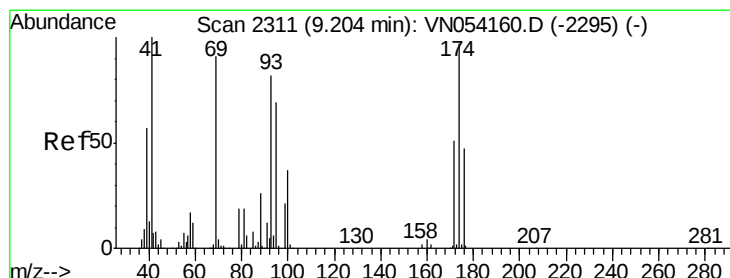
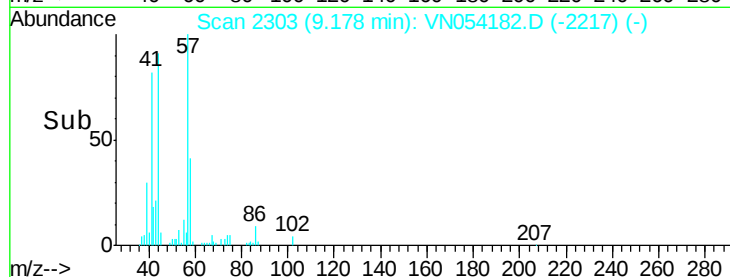
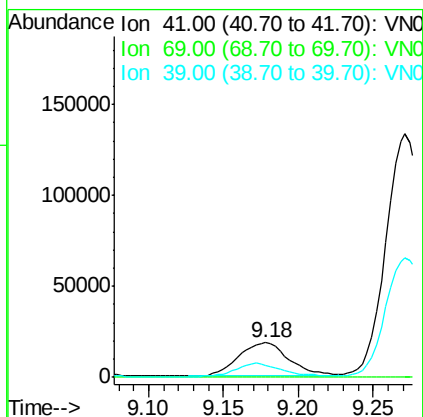
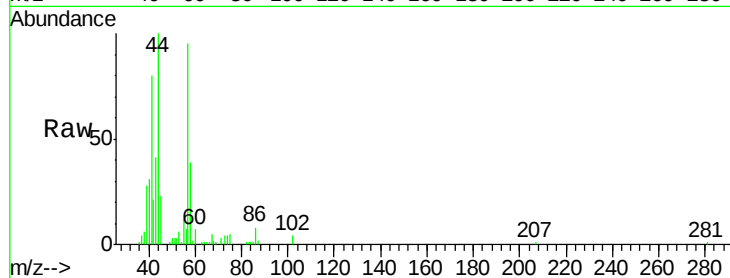




#48
Methvl methacrylate
Concen: 4.085 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

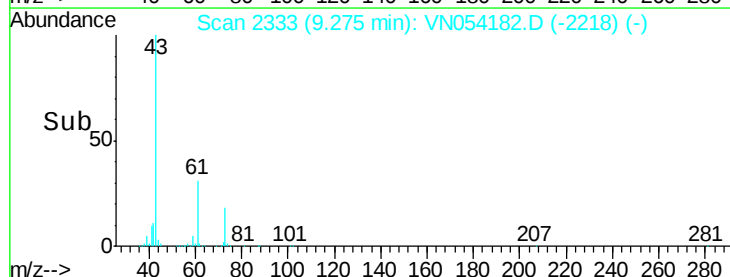
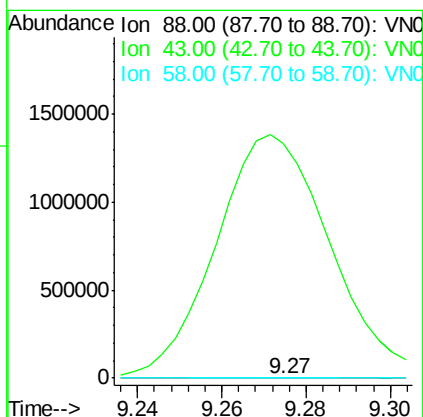
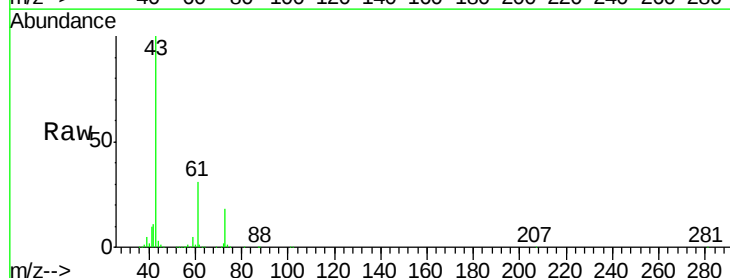
Instrument :
MSVOA_N
ClientSampleId :
H1308-PC

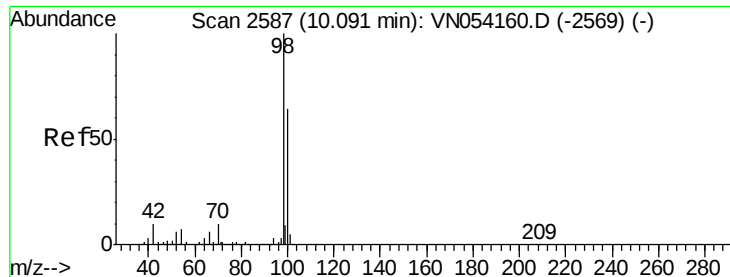
Tot Ion: 41 Resp: 43697
Ion Ratio Lower Upper
41 100
69 0.8 72.6 108.8#
39 38.3 47.5 71.3#



#49
1,4-Dioxane
Concen: 2.683 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
43 679522.2 24.1 36.1#
58 2877.8 50.8 76.2#





#50

Toluene-d8

Concen: 52.880 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

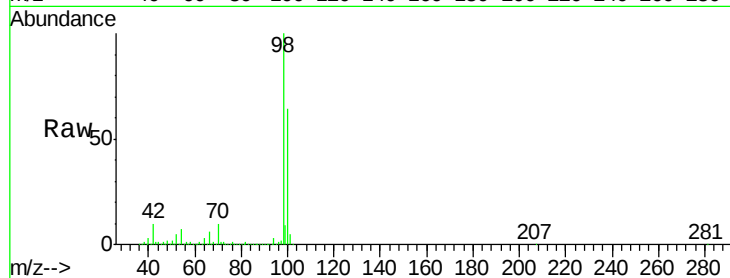
H1308-PC

Tot Ion: 98 Resp: 2858518

Ion Ratio Lower Upper

98 100

100 64.2 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) (-)

10.09

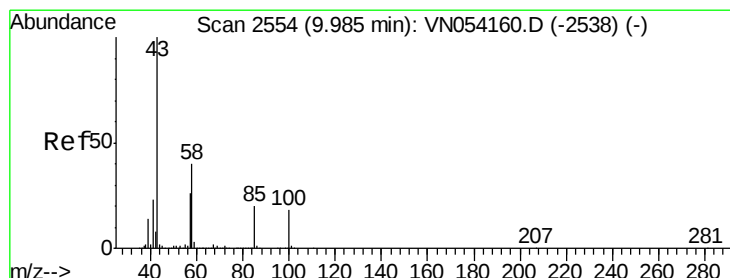
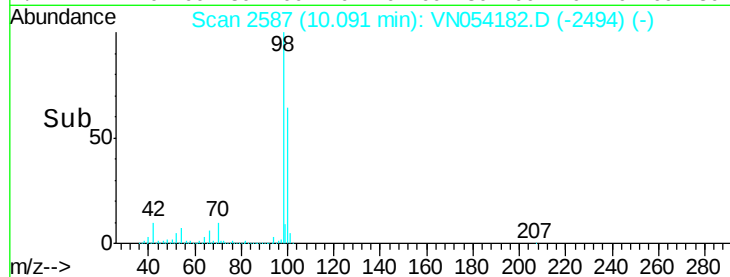
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.582 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054182.D

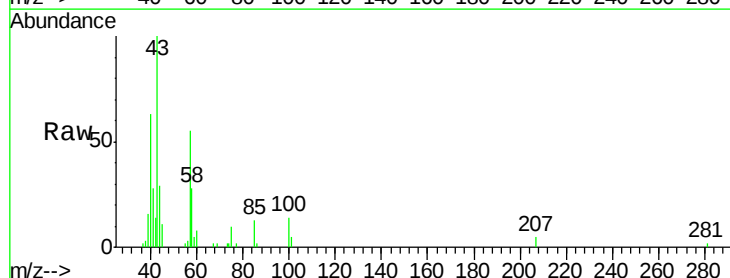
Acq: 13 Mar 2019 00:24

Tgt Ion: 43 Resp: 17647

Ion Ratio Lower Upper

43 100

58 31.5 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) (-)

9.99

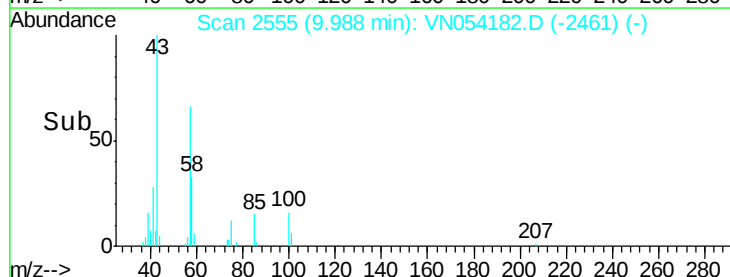
15000

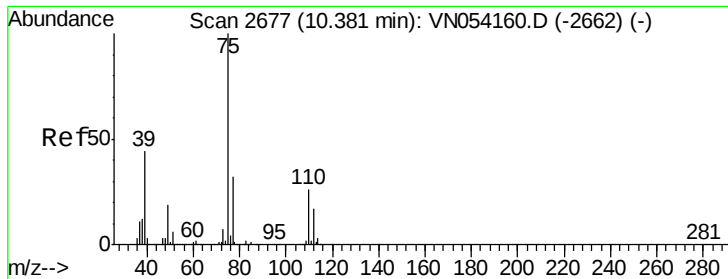
10000

5000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.037 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

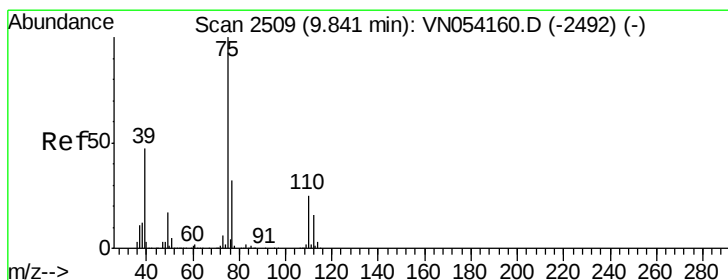
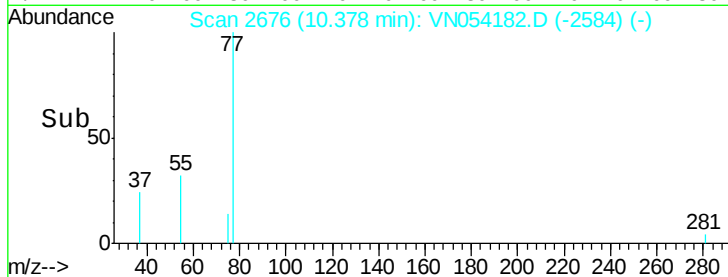
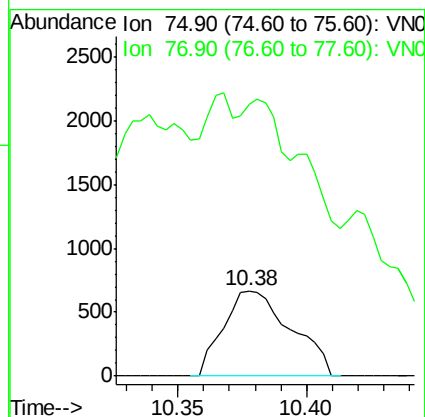
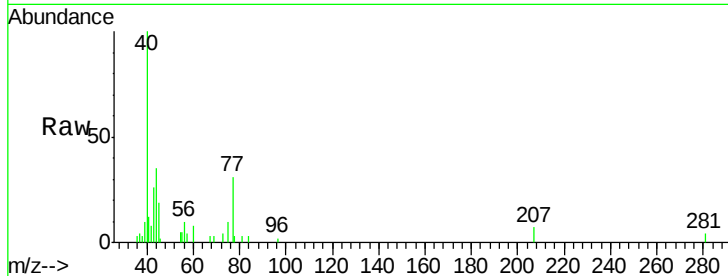
H1308-PC

Tot Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

77 144.8 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 6.320 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

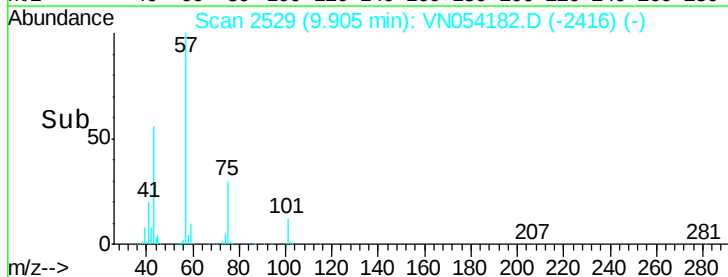
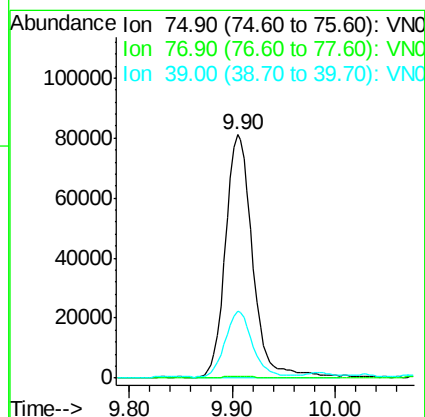
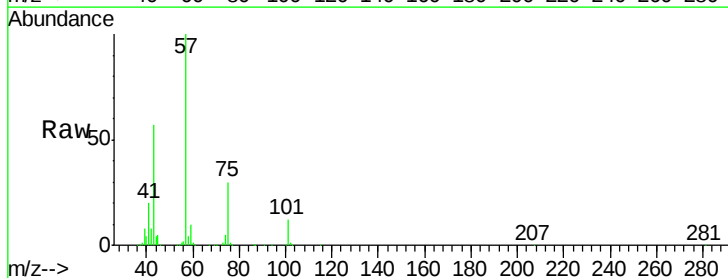
Tgt Ion: 75 Resp: 148137

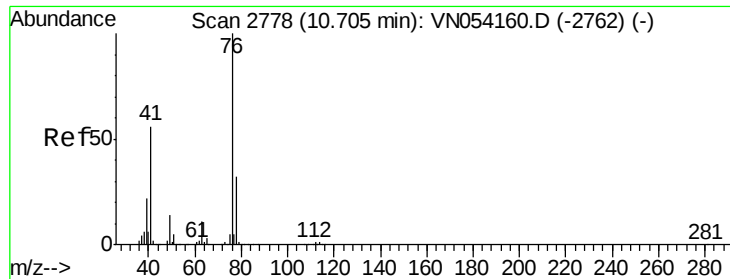
Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

39 27.1 37.2 55.8#





#57

1,3-Dichloropropane

Concen: 1.247 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

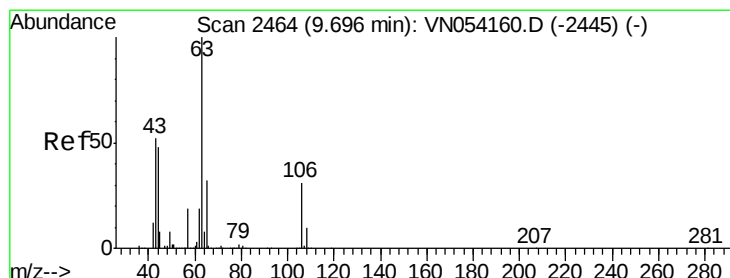
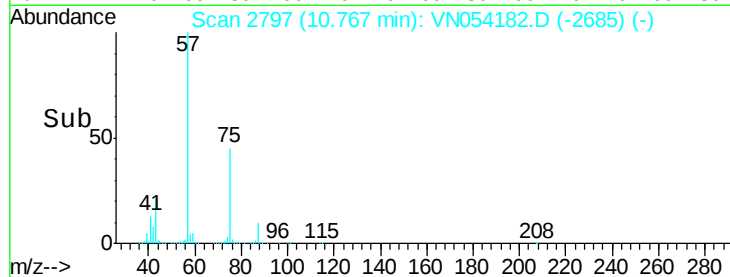
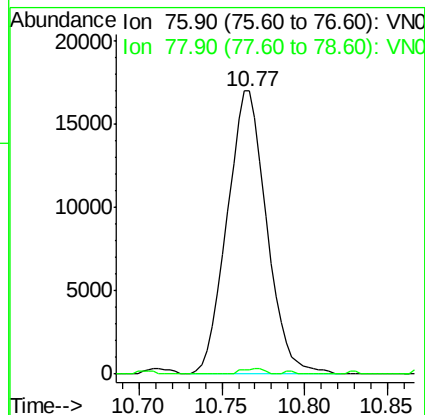
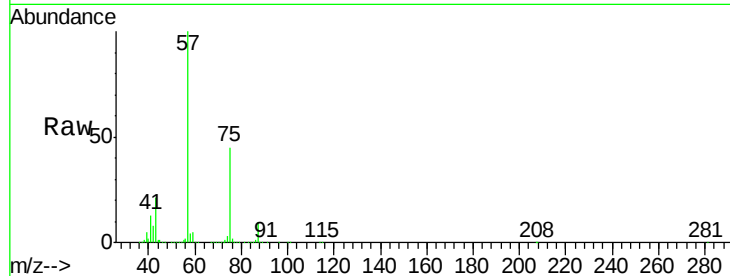
H1308-PC

Tot Ion: 76 Resp: 28228

Ion Ratio Lower Upper

76 100

78 1.1 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 16.873 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.01 min

Lab File: VN054182.D

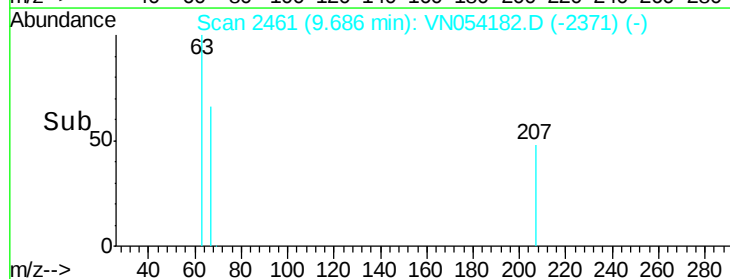
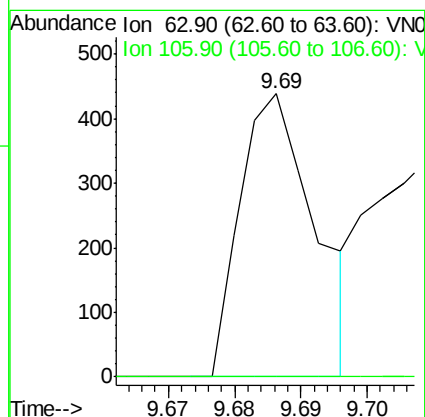
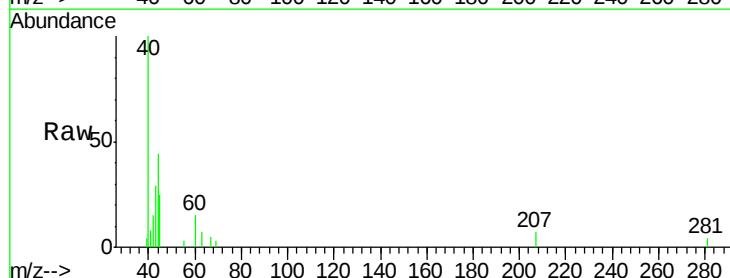
Acq: 13 Mar 2019 00:24

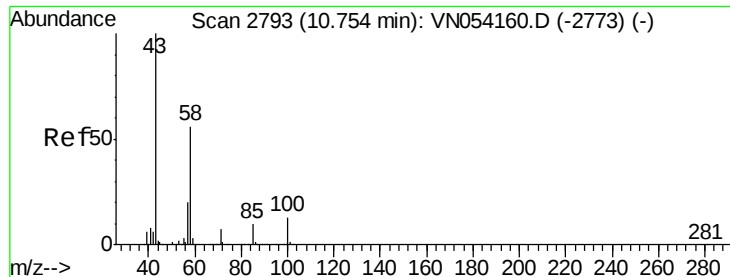
Tgt Ion: 63 Resp: 343

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#

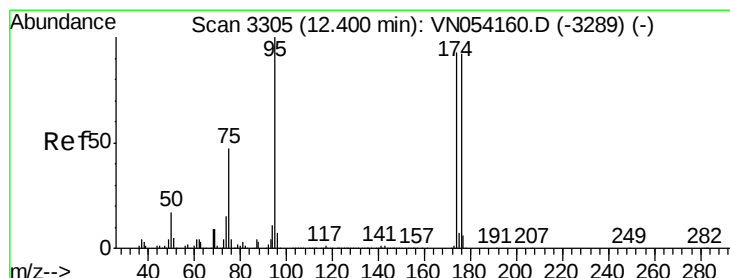
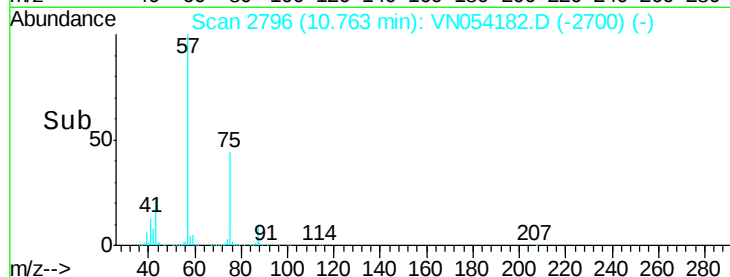
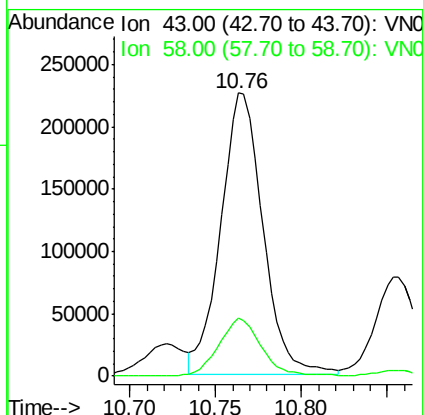
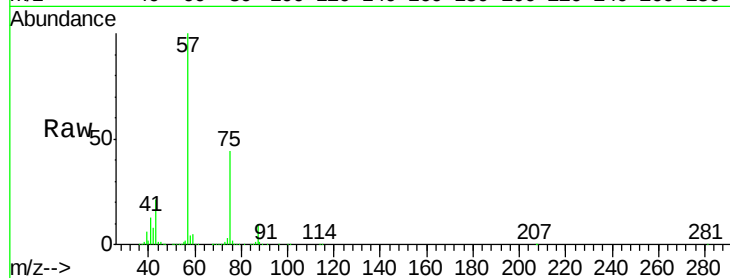




#59
2-Hexanone
Concen: 52.167 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

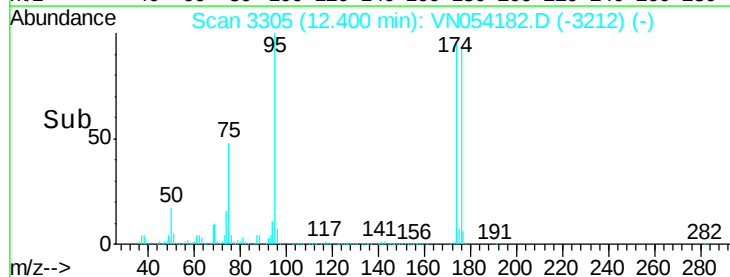
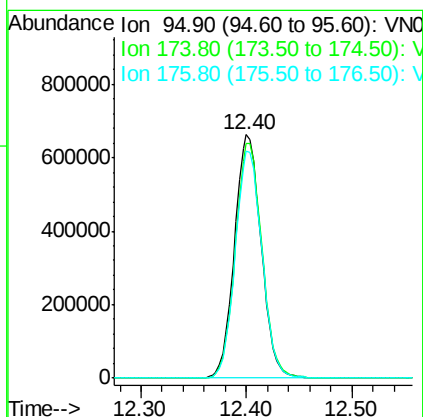
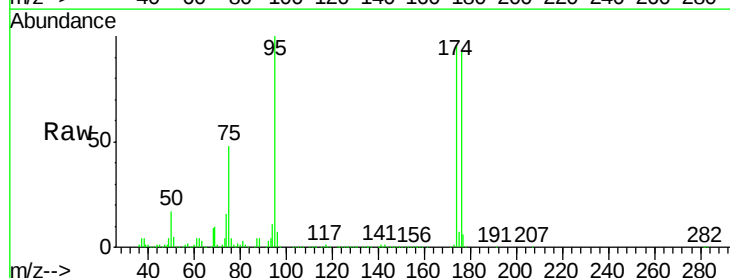
Instrument :
MSVOA_N
ClientSampled :
H1308-PC

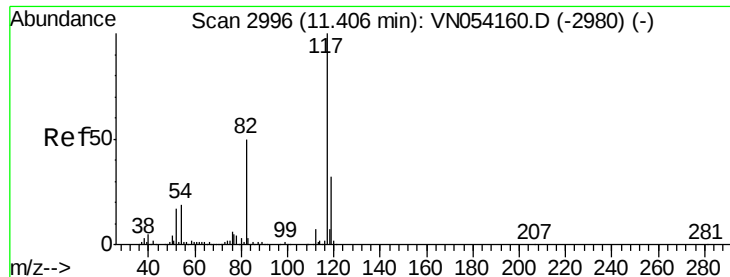
Tot Ion: 43 Resp: 387211
Ion Ratio Lower Upper
43 100
58 20.9 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 61.217 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Tgt Ion: 95 Resp: 1157888
Ion Ratio Lower Upper
95 100
174 96.4 0.0 191.0
176 93.7 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

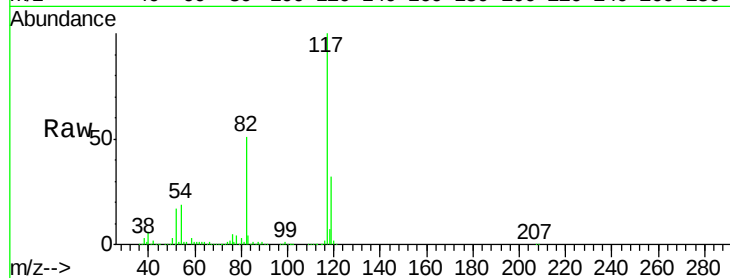
Tot Ion:117 Resp: 2418736

Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

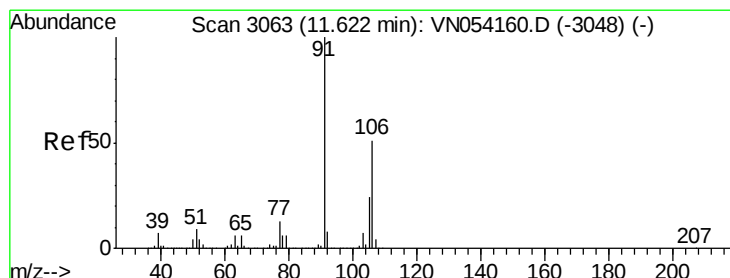
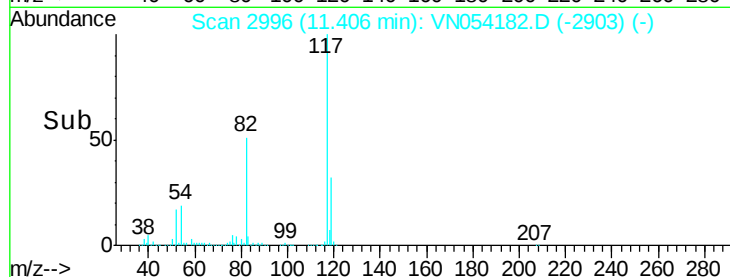
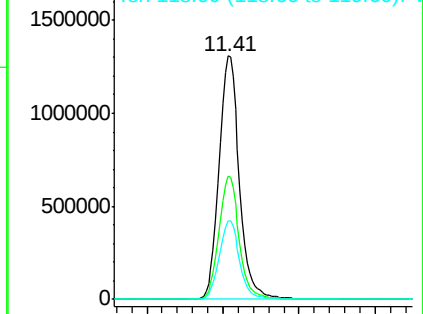
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.239 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054182.D

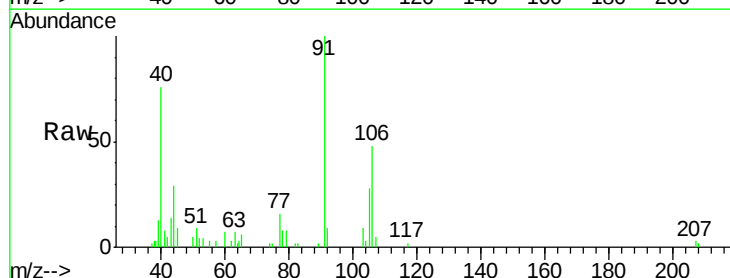
Acq: 13 Mar 2019 00:24

Tgt Ion:106 Resp: 8230

Ion Ratio Lower Upper

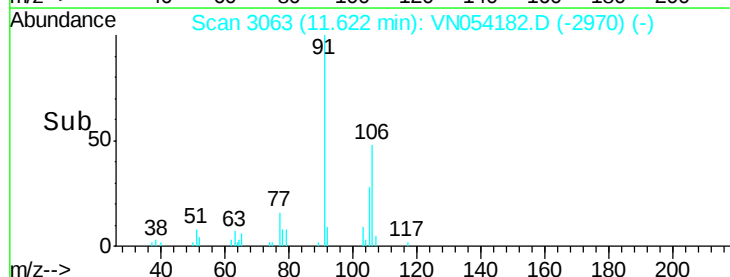
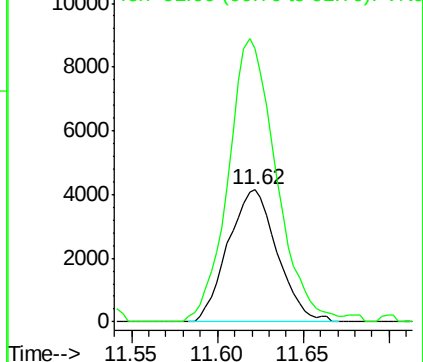
106 100

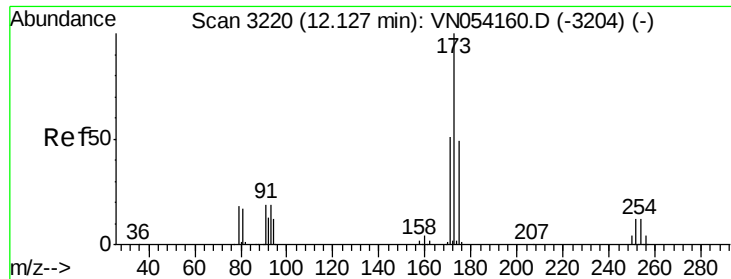
91 209.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.790 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

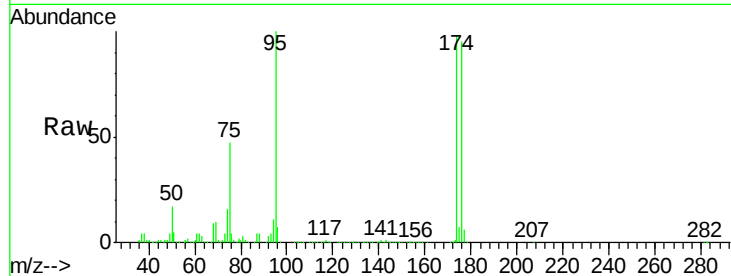
Tot Ion:173 Resp: 6775

Ion Ratio Lower Upper

173 100

175 1004.5 24.4 73.2#

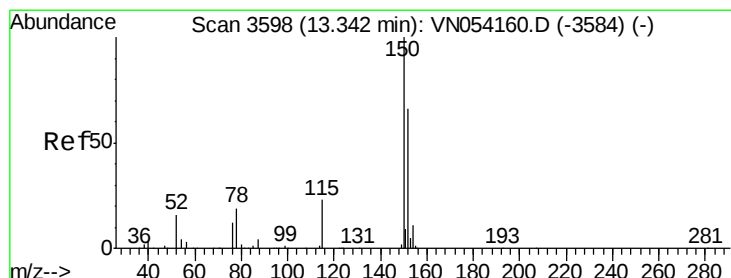
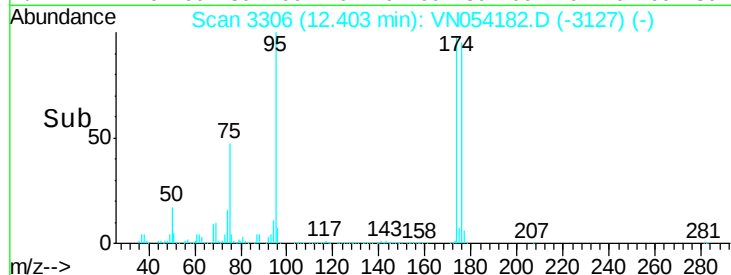
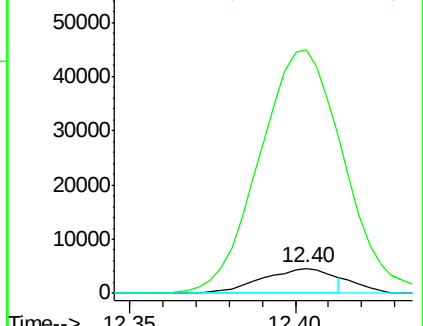
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

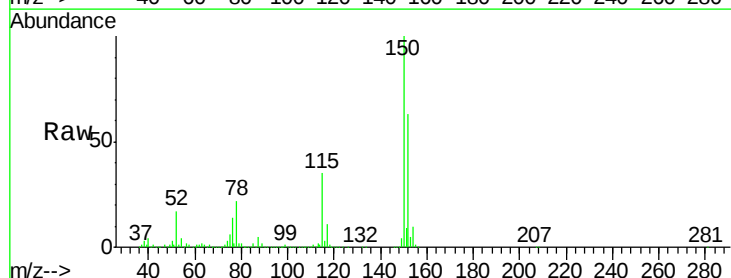
Tgt Ion:152 Resp: 1194182

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

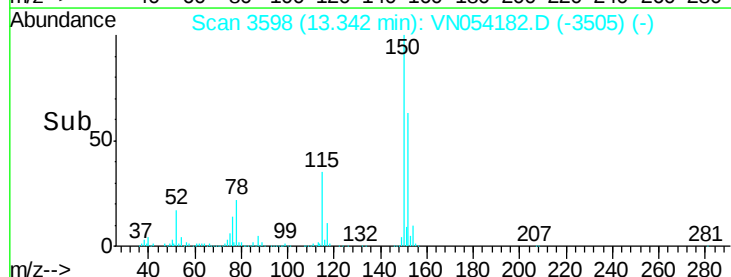
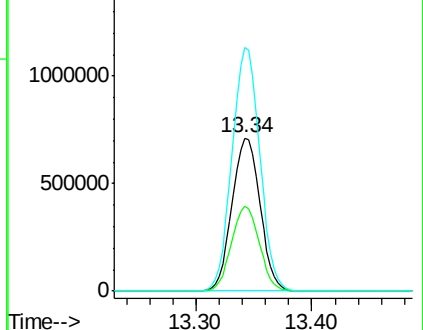
150 157.1 0.0 349.2

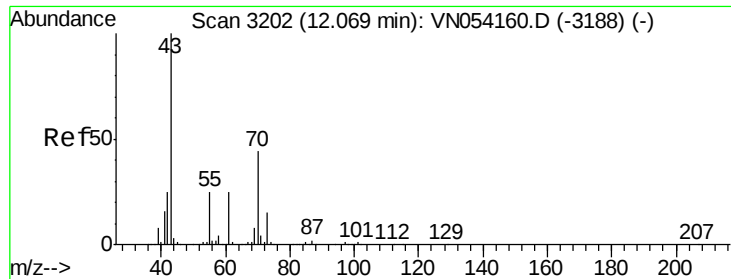


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.762 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

Tot Ion: 43 Resp: 58583

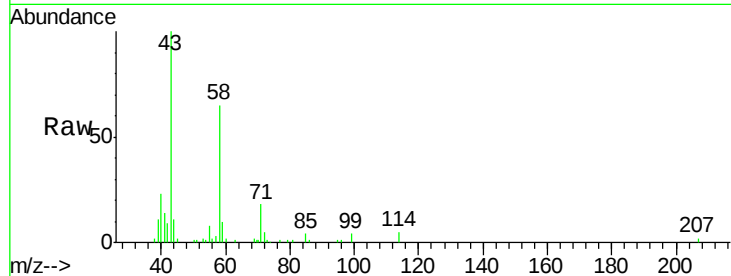
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 5.2 19.8 29.6#

61 0.0 19.8 29.6#

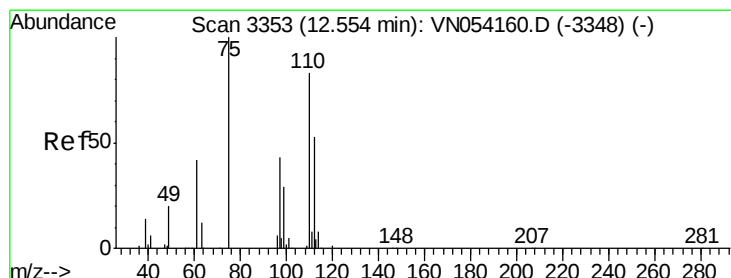
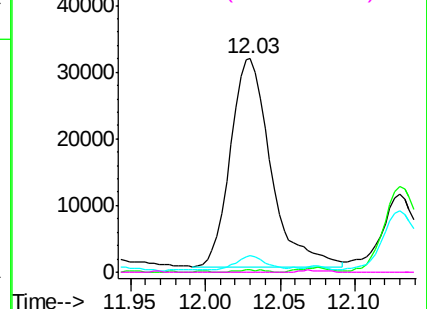
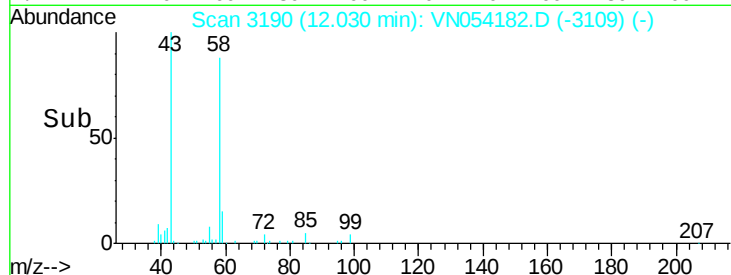


Abundance Ion 43.00 (42.70 to 43.70): VNC

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: 31.281 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054182.D

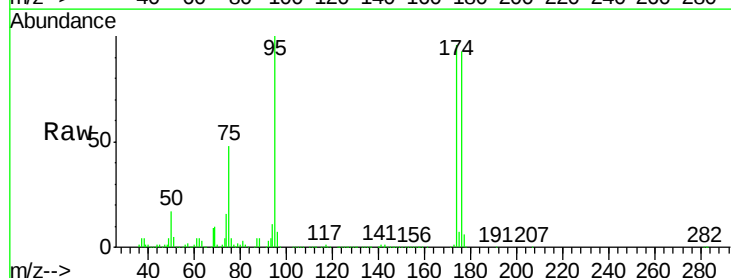
Acq: 13 Mar 2019 00:24

Tgt Ion: 75 Resp: 549320

Ion Ratio Lower Upper

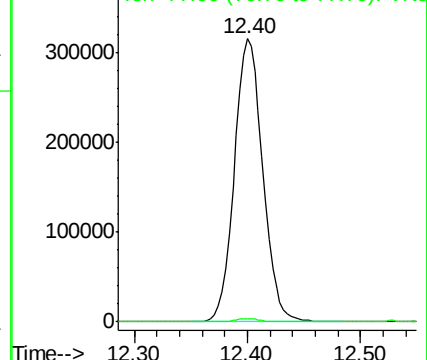
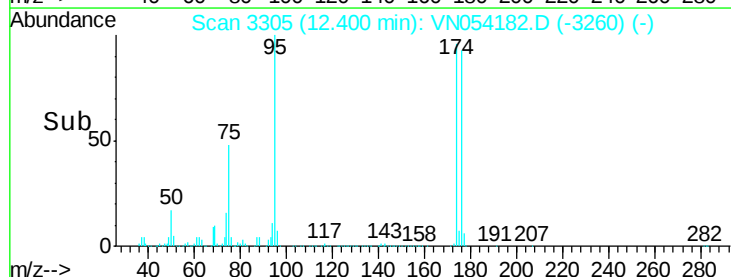
75 100

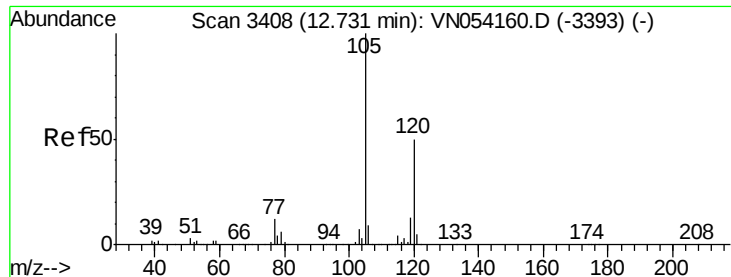
77 1.2 0.0 0.0#



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: 0.213 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

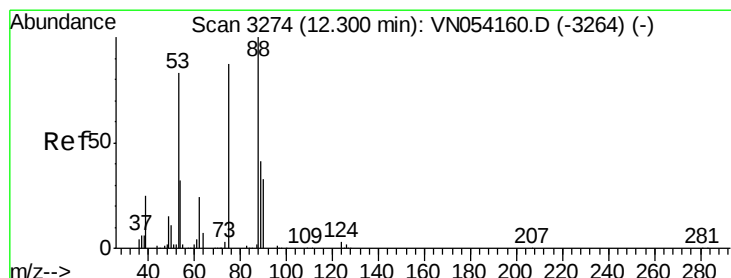
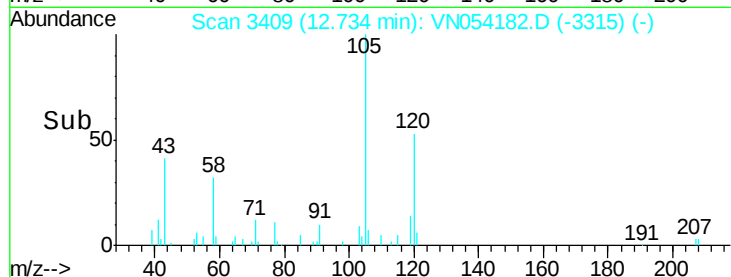
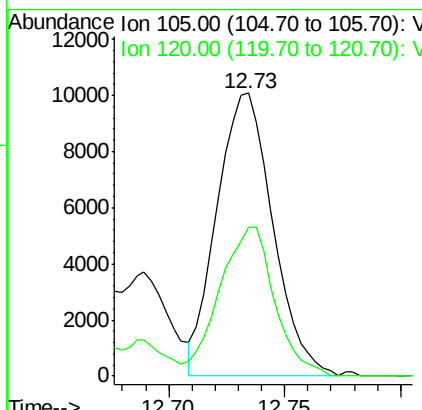
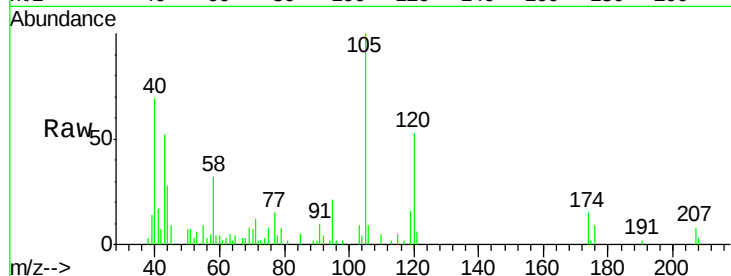
H1308-PC

Tot Ion:105 Resp: 16922

Ion Ratio Lower Upper

105 100

120 51.8 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 106.931 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

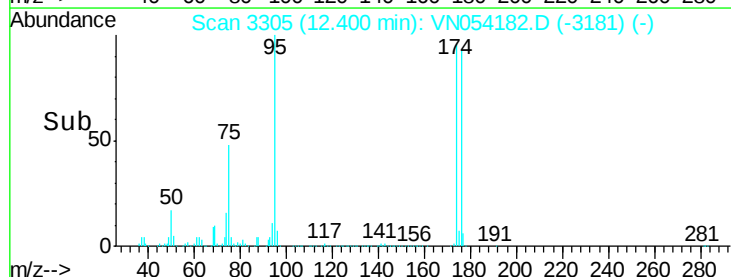
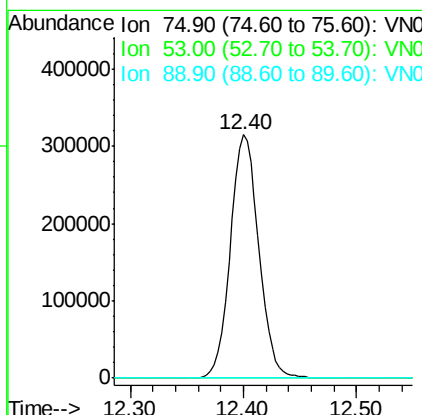
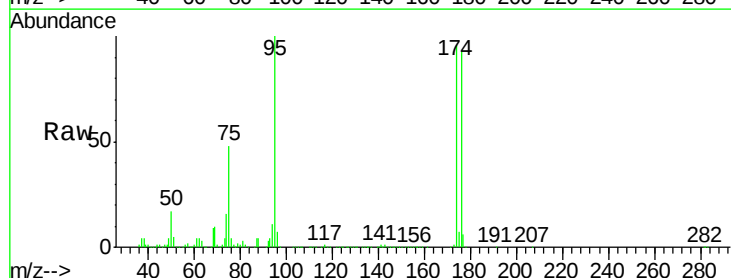
Tgt Ion: 75 Resp: 549320

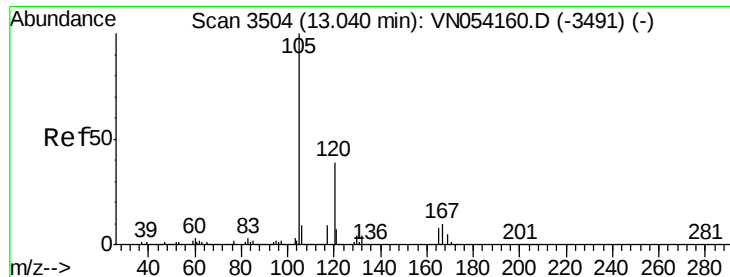
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.435 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampled :

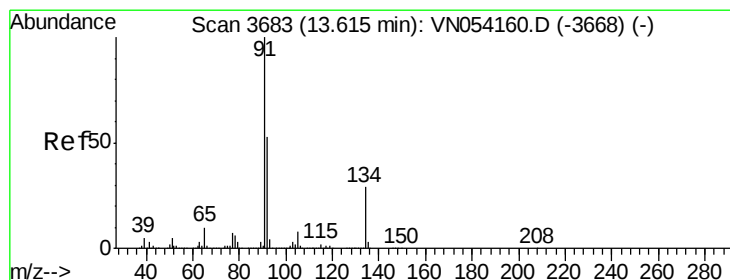
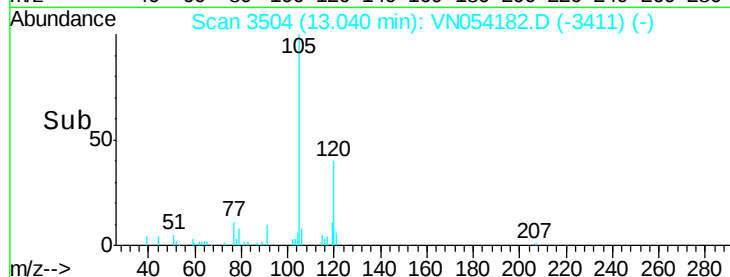
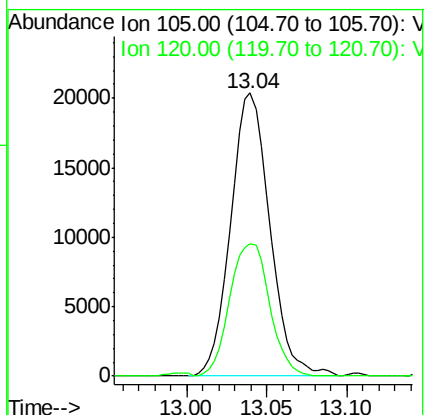
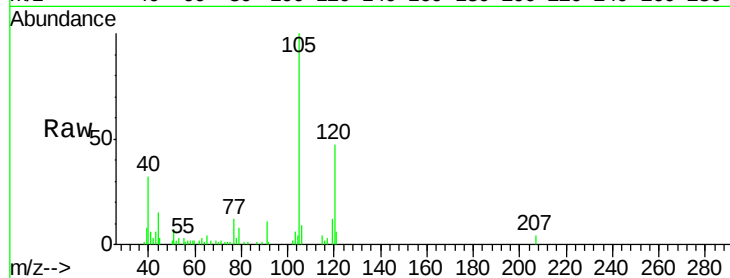
H1308-PC

Tot Ion:105 Resp: 33915

Ion Ratio Lower Upper

105 100

120 47.7 23.4 70.3



#89

n-Butylbenzene

Concen: 0.241 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

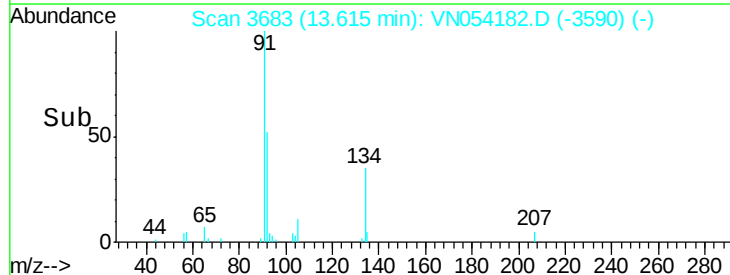
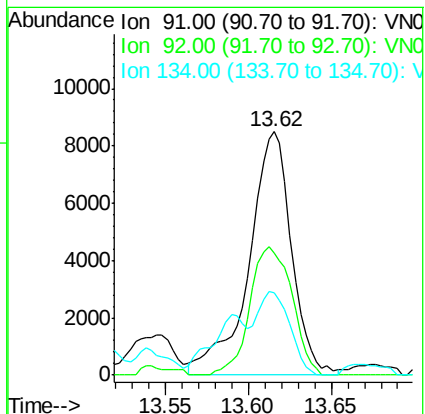
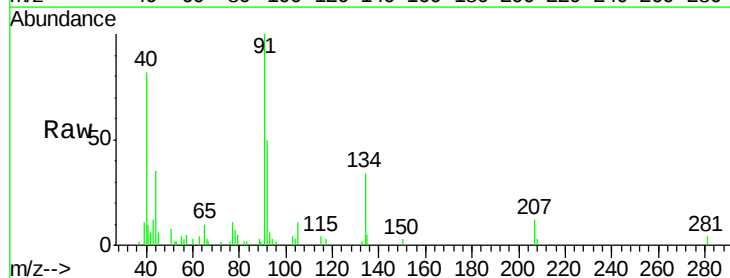
Tgt Ion: 91 Resp: 15234

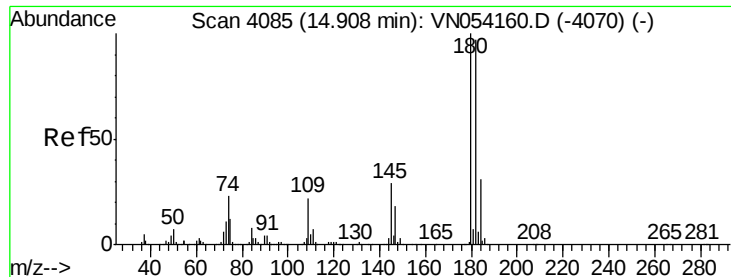
Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.6

134 26.8 14.3 42.9





#93

1,2,4-Trichlorobenzene

Concen: 2.872 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

H1308-PC

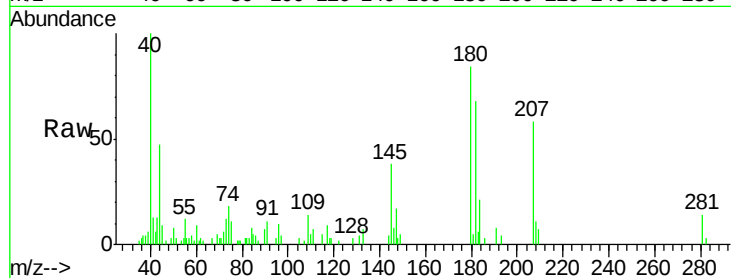
Tot Ion:180 Resp: 9408

Ion Ratio Lower Upper

180 100

182 92.4 48.0 144.2

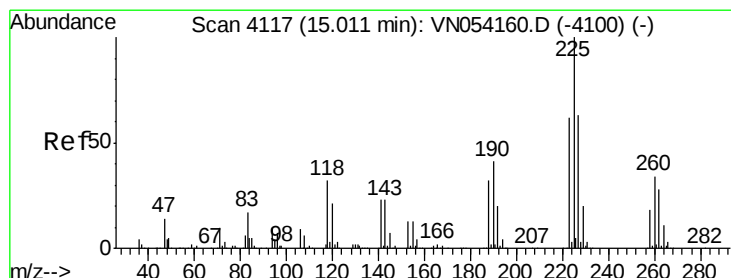
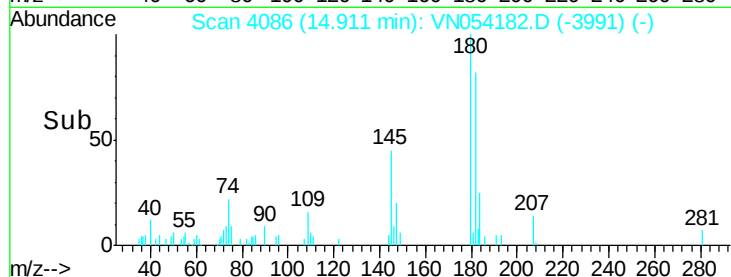
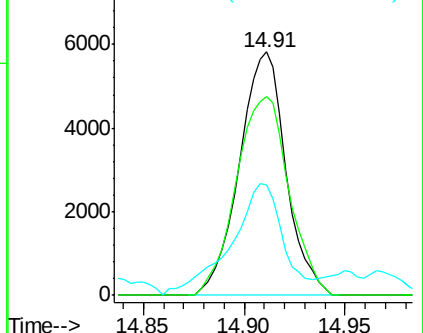
145 51.5 14.2 42.8#



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



#94

Hexachlorobutadiene

Concen: 0.224 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN054182.D

Acq: 13 Mar 2019 00:24

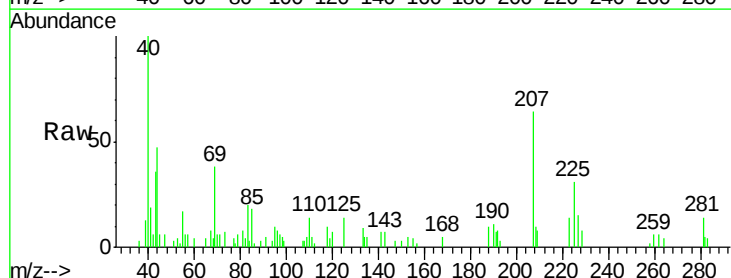
Tgt Ion:225 Resp: 3561

Ion Ratio Lower Upper

225 100

223 51.4 31.1 93.5

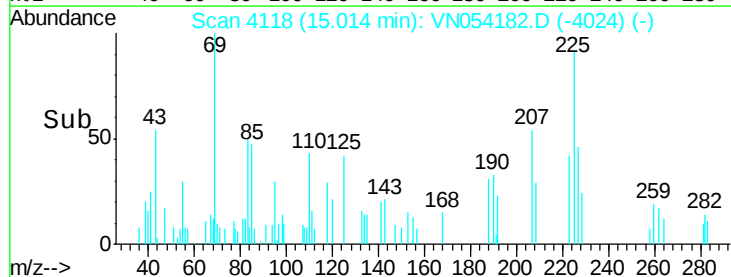
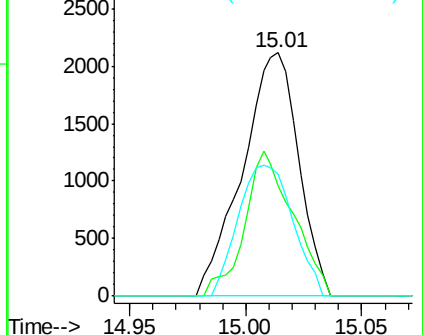
227 52.3 31.9 95.9

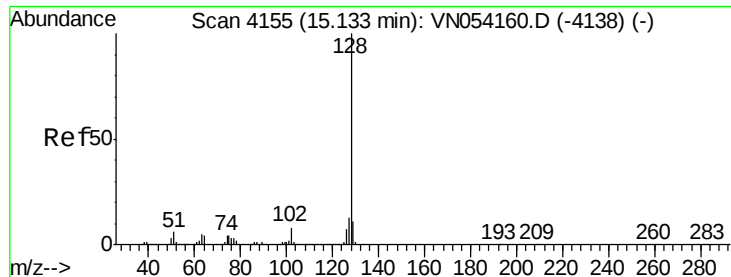


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

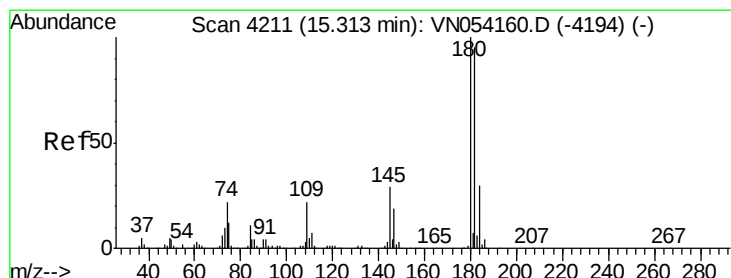
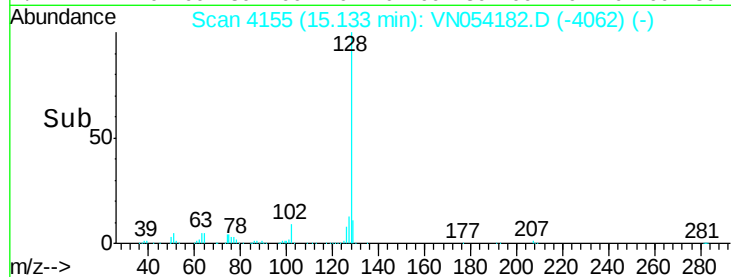
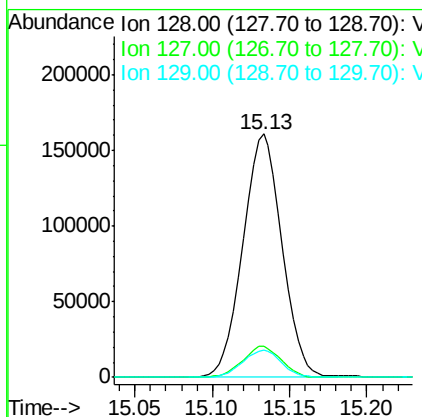
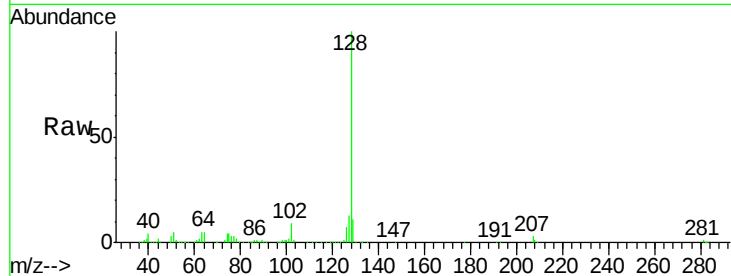




#95
Naphthalene
Concen: 8.497 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Instrument :
MSVOA_N
ClientSampleId :
H1308-PC

Tot Ion:128 Resp: 282936
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.379 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN054182.D
Acq: 13 Mar 2019 00:24

Tgt Ion:180 Resp: 8394
Ion Ratio Lower Upper
180 100
182 91.8 47.5 142.6
145 55.1 14.8 44.3#

