

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054195.D
 Acq On : 13 Mar 2019 6:07
 Operator : JC/SP
 Sample : K1687-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

Quant Time: Mar 13 07:37:17 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	1459727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2408354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2570119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1211505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	797829	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	740267	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.09	98	3008772	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	1195425	59.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.12%	

Target Compounds

						Qvalue
10) Methyl Iodide	3.94	142	384	1.514	ug/l #	54
11) Tert butyl alcohol	4.82	59	927	0.872	ug/l #	80
13) Acrolein	3.59	56	644	0.639	ug/l	91
14) Allyl chloride	4.55	41	14145	0.727	ug/l #	23
16) Acetone	3.82	43	45135	10.169	ug/l	97
18) Methyl Acetate	4.34	43	3650	0.406	ug/l #	54
20) Methylene Chloride	4.55	84	556613	38.191	ug/l	97
25) 2-Butanone	6.86	43	9518	1.827	ug/l	93
29) Tetrahydrofuran	7.22	42	3636	1.085	ug/l	88
31) Cyclohexane	7.67	56	20758	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	84480	3.809	ug/l #	47
38) Carbon Tetrachloride	7.66	117	119217	5.126	ug/l #	16
43) Isopropyl Acetate	8.17	43	49827	2.228	ug/l	97
48) Methyl methacrylate	9.18	41	20186	1.778	ug/l #	12
49) 1,4-Dioxane	9.27	88	245	1.526	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	19442	1.642	ug/l #	36
52) Toluene	10.16	92	8627	0.214	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	185	1.993	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	157238	6.321	ug/l #	61
57) 1,3-Dichloropropane	10.77	76	30612	1.274	ug/l #	43
59) 2-Hexanone	10.76	43	392413	49.819	ug/l #	49
68) m/p-Xylenes	11.61	106	8761	0.240	ug/l	95
69) o-Xylene	11.95	106	8703	0.244	ug/l	95
71) Bromoform	12.40	173	7935	2.835	ug/l #	1
74) N-amyl acetate	11.88	43	43935	2.042	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	581929	32.664	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	62249	0.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	581929	111.659	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	113310	1.433	ug/l	98
90) Hexachloroethane	13.89	117	4889	0.350	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	894	2.550	ug/l #	1
95) Naphthalene	15.13	128	82399	4.913	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

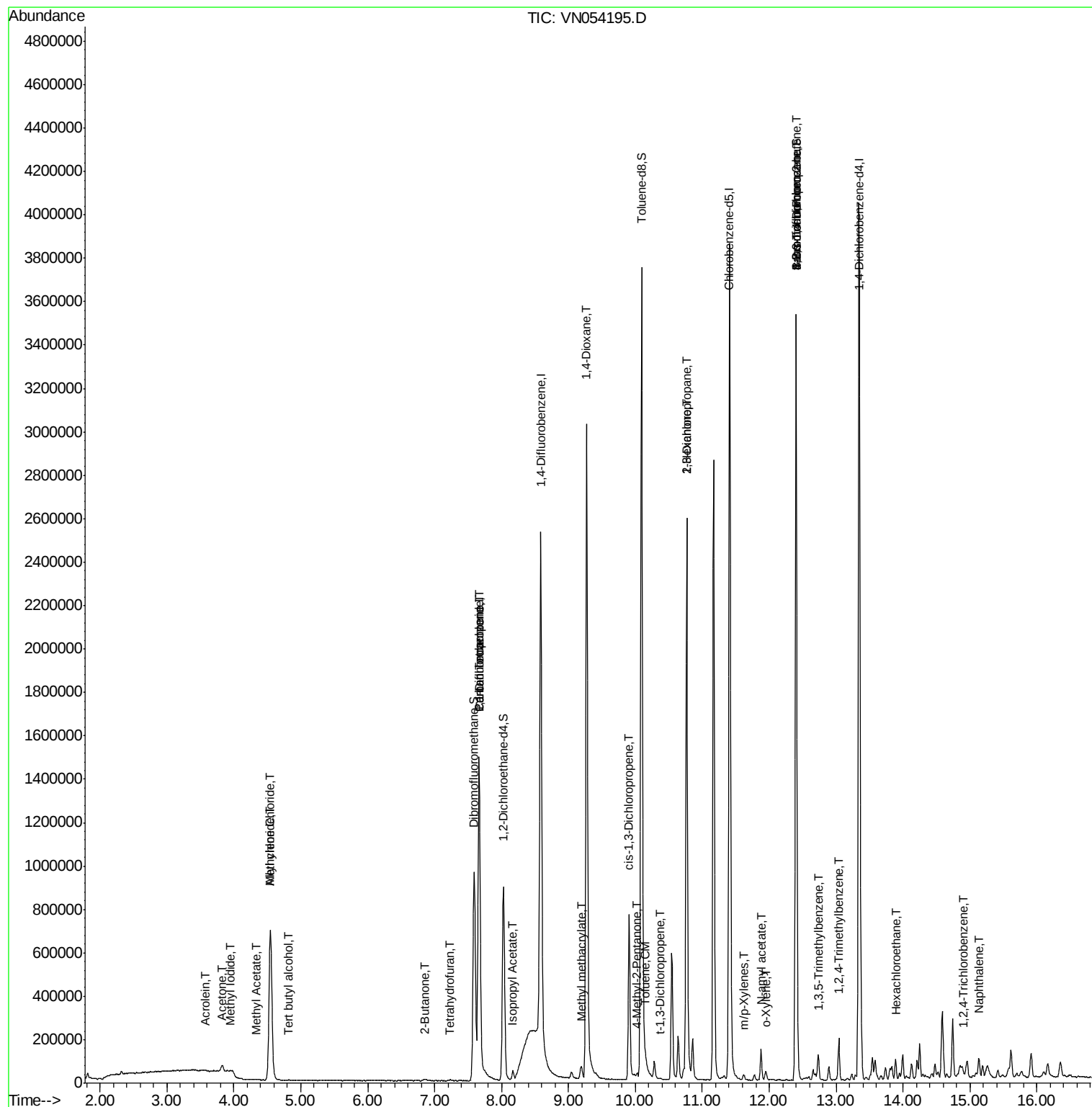
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

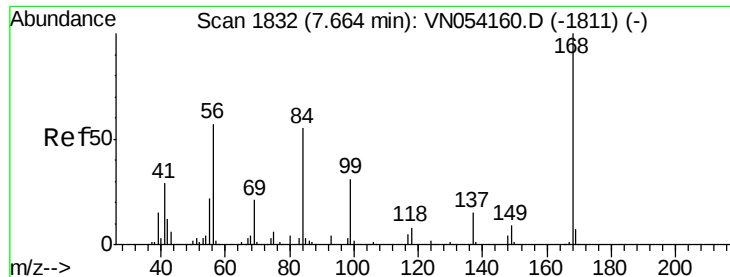
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031219\
Data File : VN054195.D
Acq On : 13 Mar 2019 6:07
Operator : JC/SP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

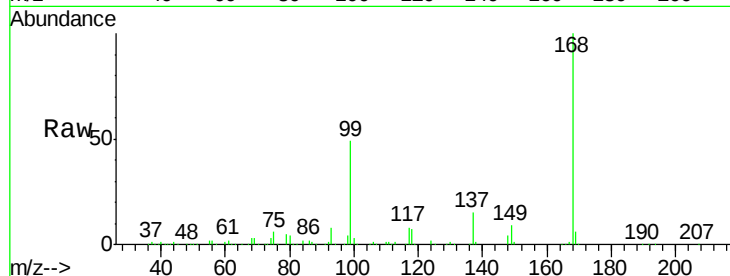
HR-06-031119-B

Tot Ion:168 Resp: 1459727

Ion Ratio Lower Upper

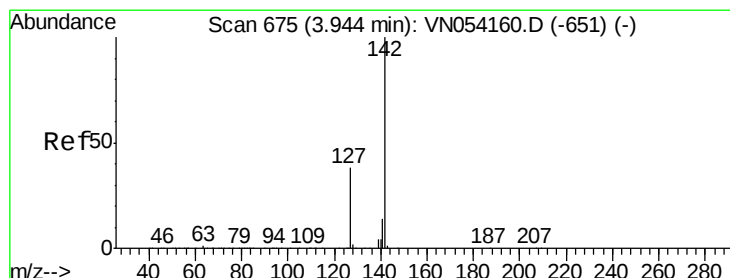
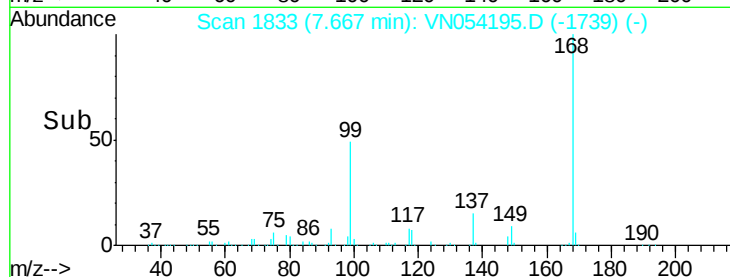
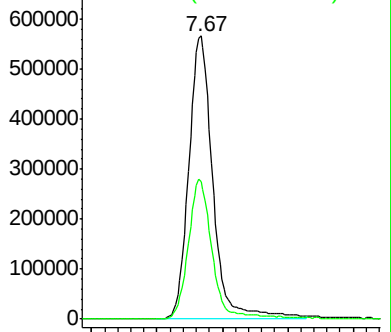
168 100

99 48.8 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: 1.514 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

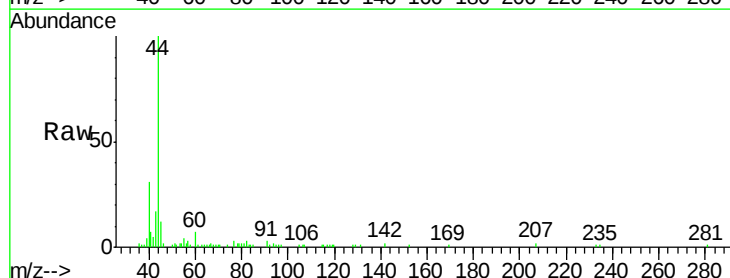
Tgt Ion:142 Resp: 384

Ion Ratio Lower Upper

142 100

127 7.6 30.3 45.5#

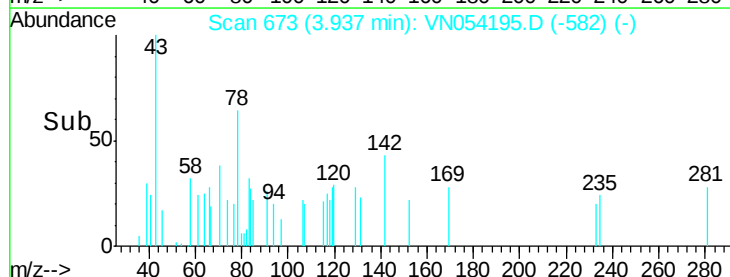
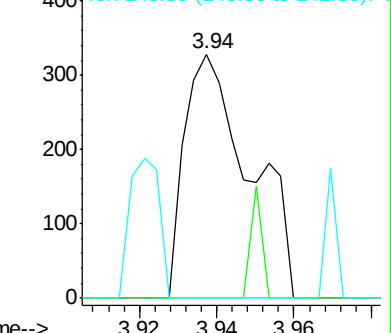
141 0.0 11.2 16.8#

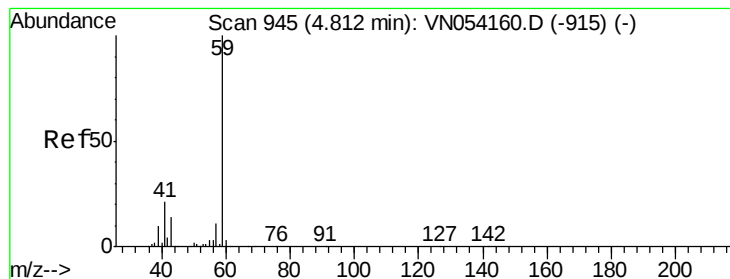


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.872 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.01 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

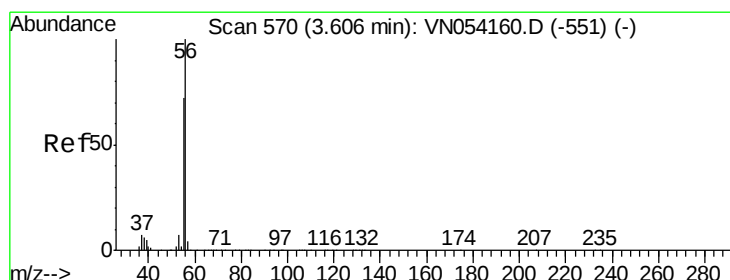
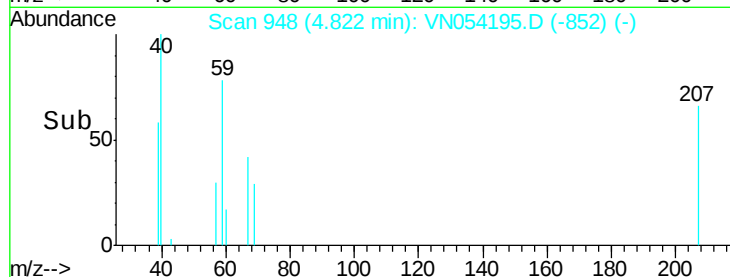
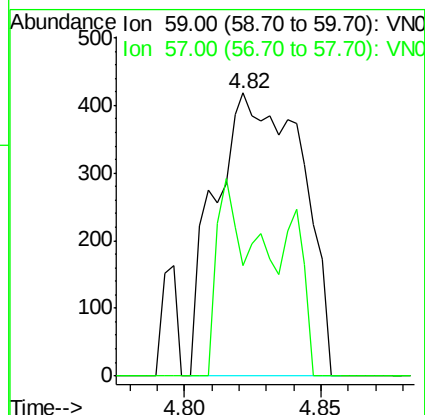
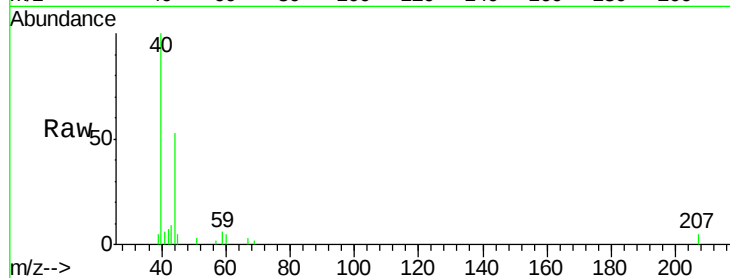
HR-06-031119-B

Tot Ion: 59 Resp: 927

Ion Ratio Lower Upper

59 100

57 18.8 9.0 13.6#



#13

Acrolein

Concen: 0.639 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN054195.D

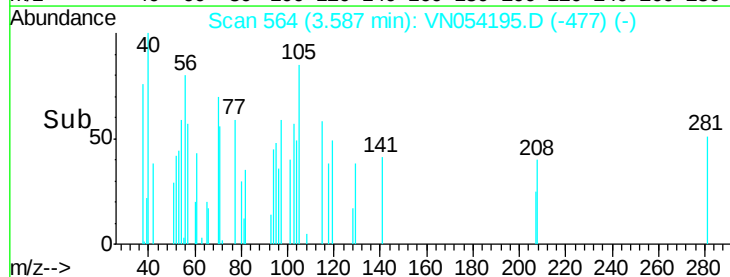
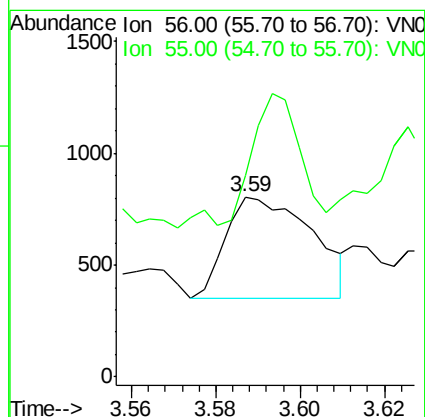
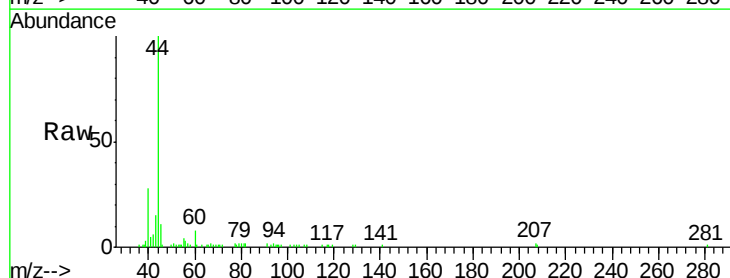
Acq: 13 Mar 2019 6:07

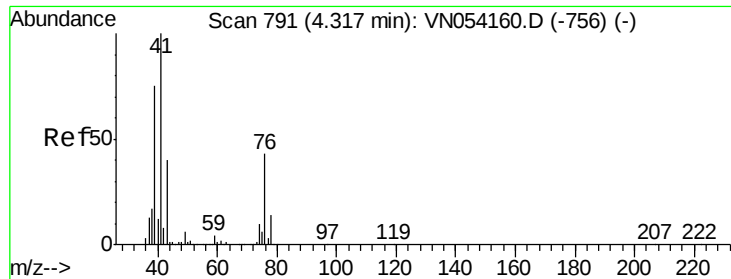
Tgt Ion: 56 Resp: 644

Ion Ratio Lower Upper

56 100

55 78.6 56.7 85.1

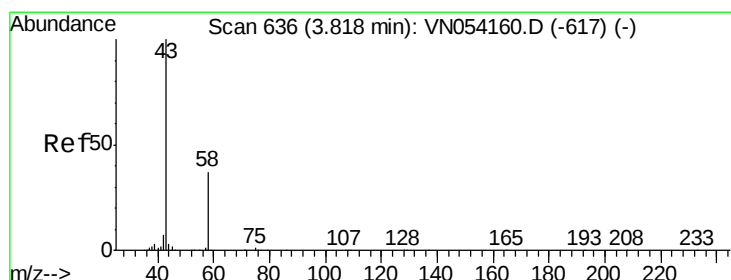
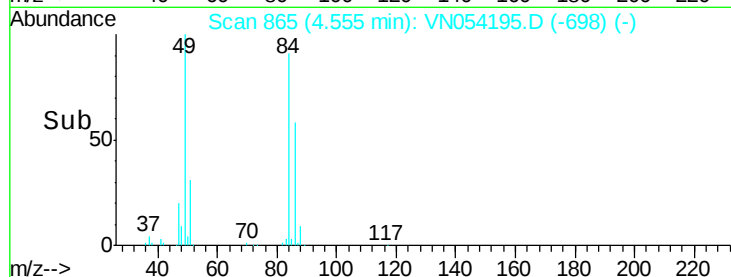
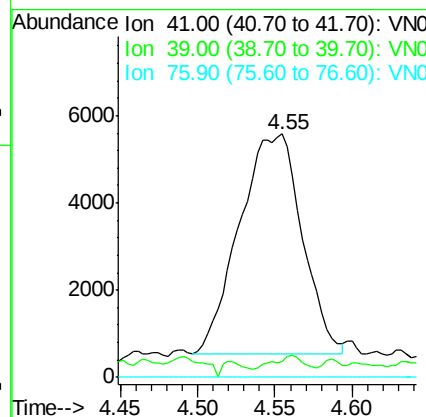
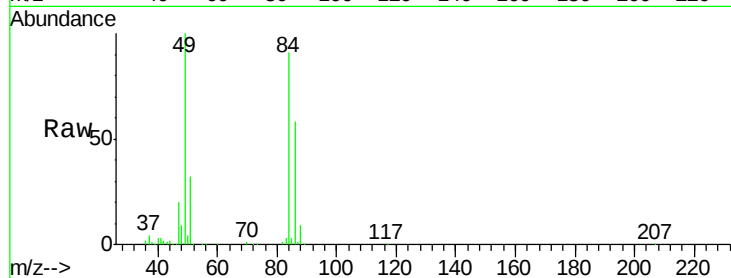




#14
Allvl chloride
Concen: 0.727 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.24 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

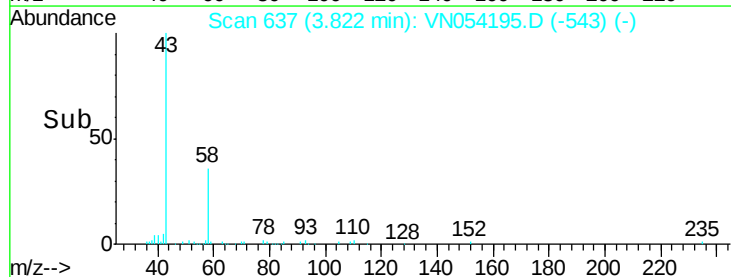
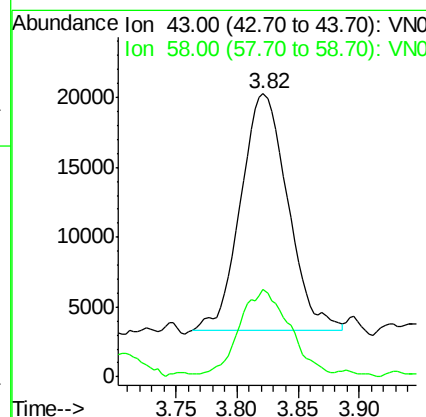
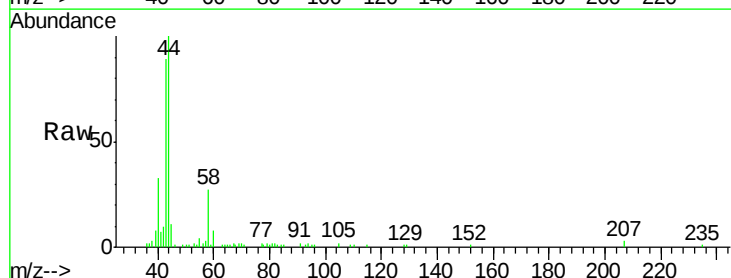
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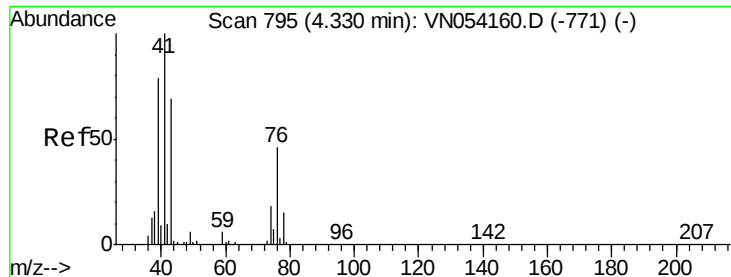
Tot Ion: 41 Resp: 14145
Ion Ratio Lower Upper
41 100
39 2.7 58.2 87.4#
76 0.0 31.7 47.5#



#16
Acetone
Concen: 10.169 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 43 Resp: 45135
Ion Ratio Lower Upper
43 100
58 35.9 29.9 44.9

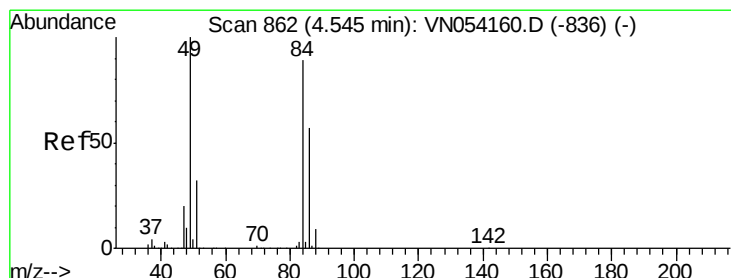
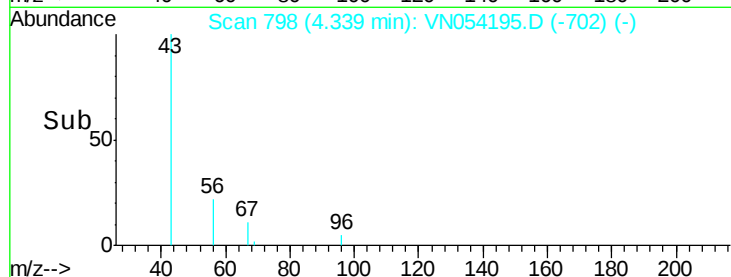
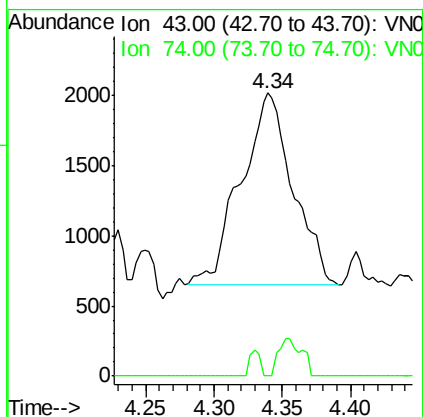
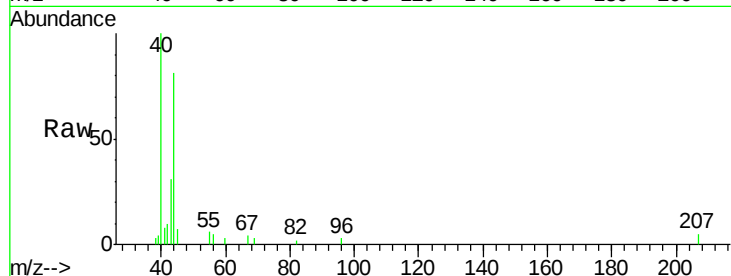




#18
Methyl Acetate
Concen: 0.406 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

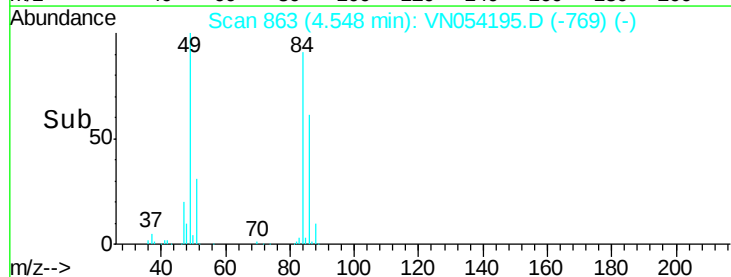
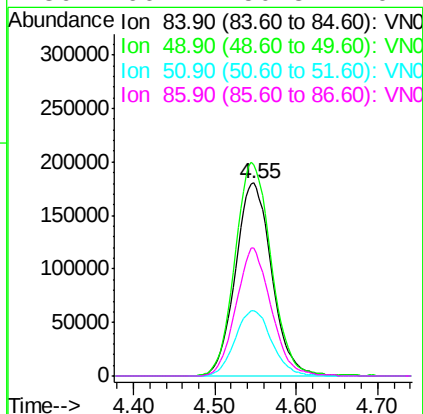
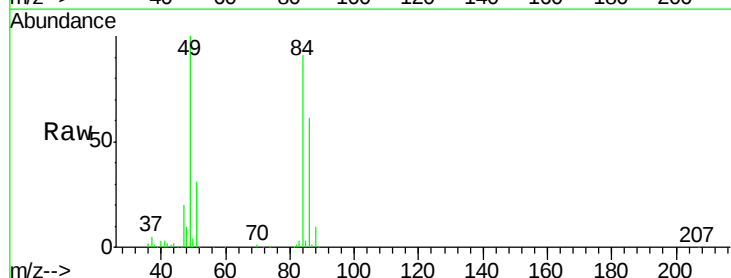
Instrument :
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ClientSampleId :
HR-06-031119-B

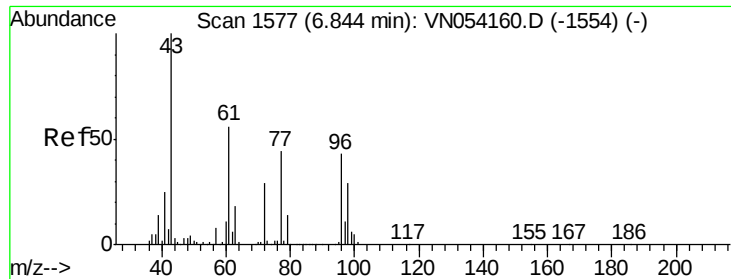
Tot Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
74 2.6 20.8 31.2#



#20
Methylene Chloride
Concen: 38.191 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 84 Resp: 556613
Ion Ratio Lower Upper
84 100
49 109.6 89.7 134.5
51 33.9 28.2 42.4
86 66.4 50.8 76.2

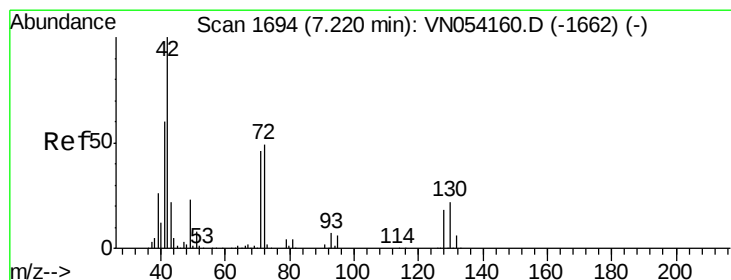
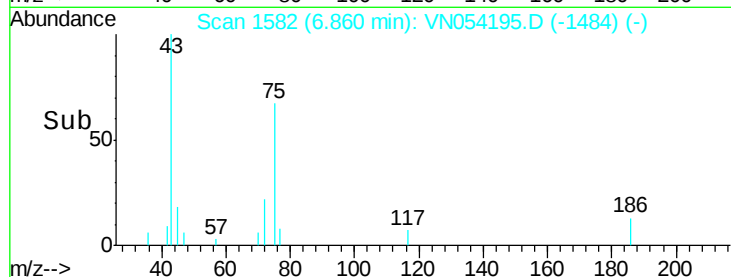
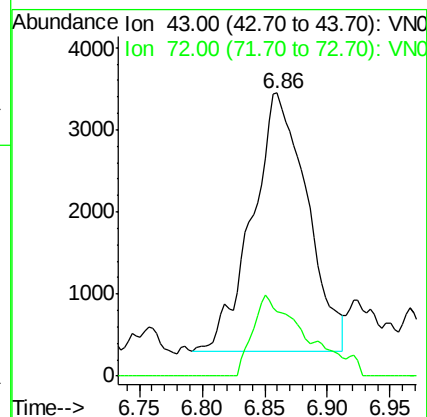
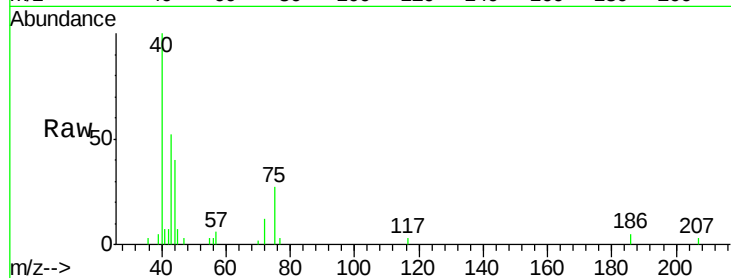




#25
2-Butanone
Concen: 1.827 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

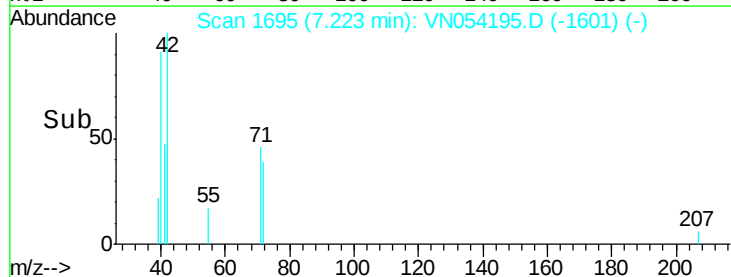
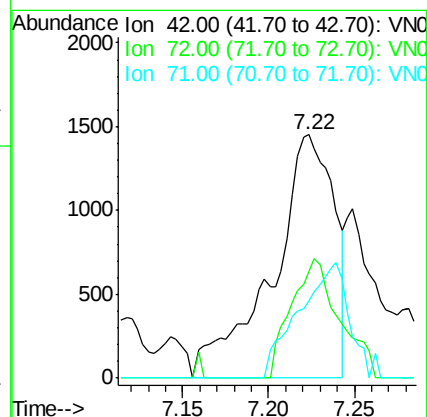
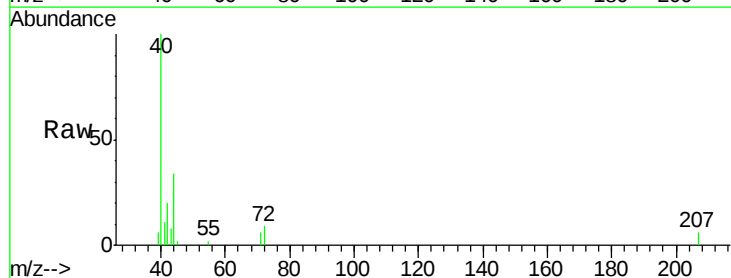
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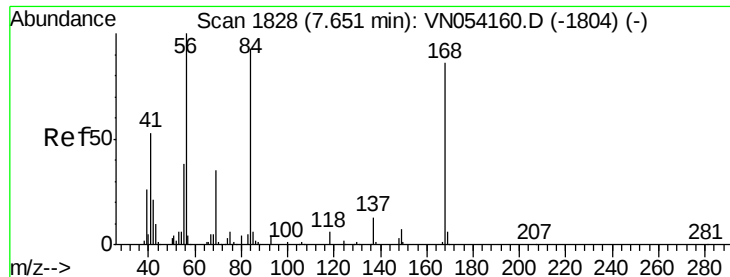
Tot Ion: 43 Resp: 9518
Ion Ratio Lower Upper
43 100
72 25.1 23.0 34.6



#29
Tetrahydrofuran
Concen: 1.085 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 42 Resp: 3636
Ion Ratio Lower Upper
42 100
72 38.3 37.8 56.6
71 38.9 36.2 54.2

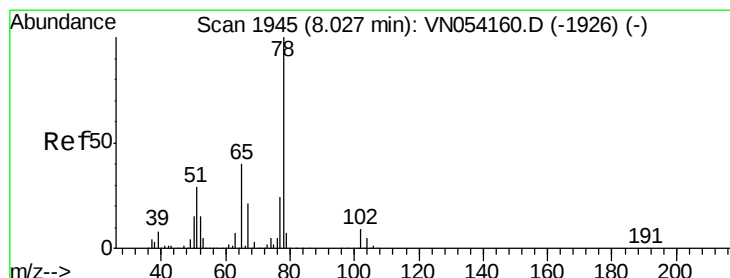
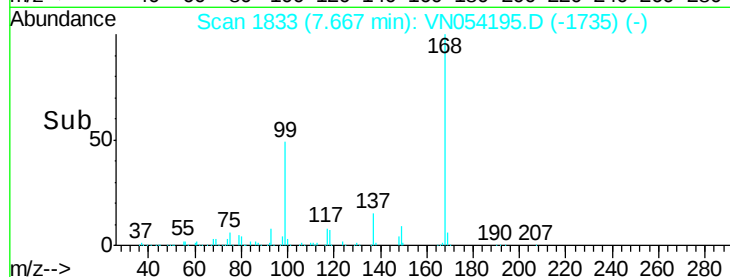
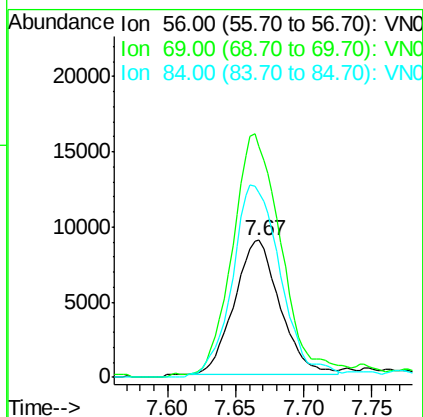
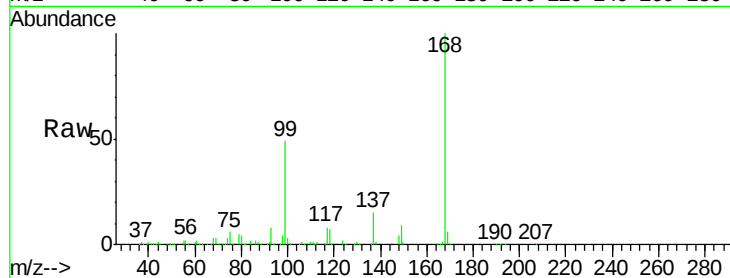




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

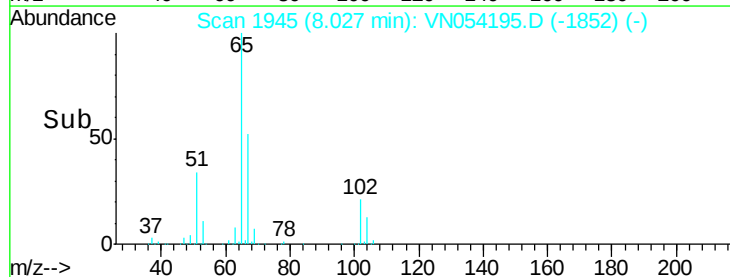
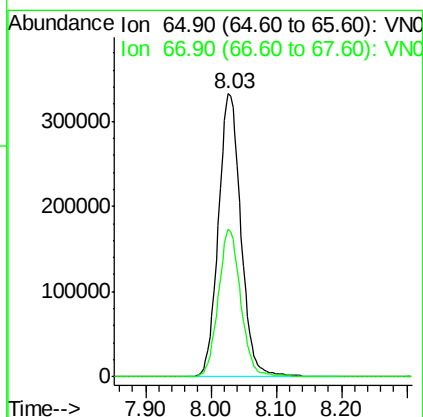
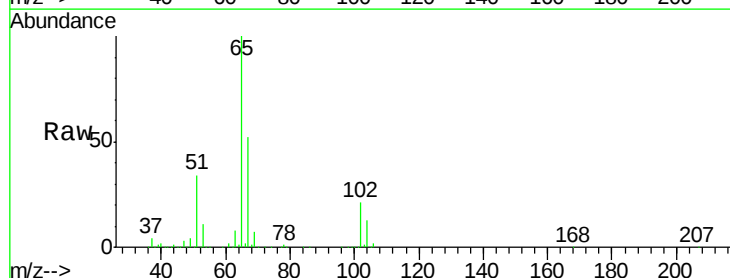
Instrument :
MSVOA_N
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HR-06-031119-B

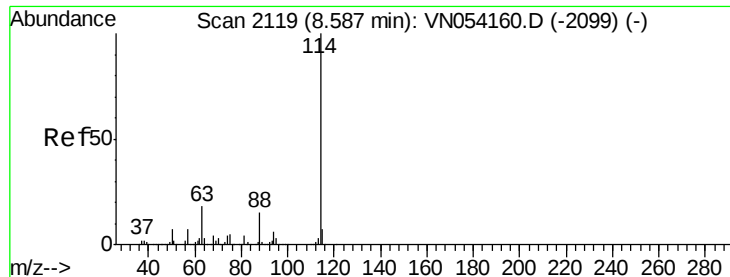
Tot Ion: 56 Resp: 20758
Ion Ratio Lower Upper
56 100
69 170.0 27.8 41.6#
84 135.9 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 51.465 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054195.D
Acq: 13 Mar 2019 6:07

Tgt Ion: 65 Resp: 797829
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

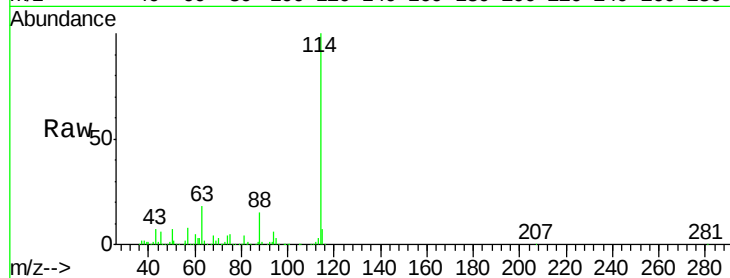




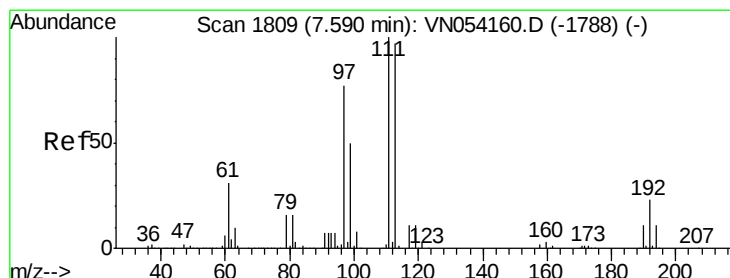
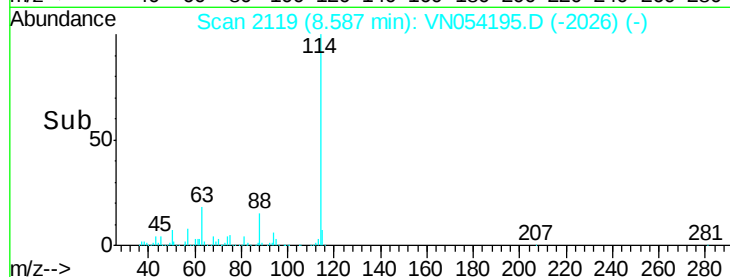
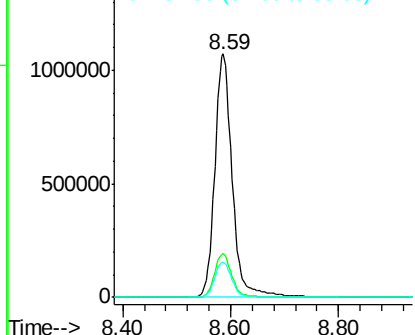
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

Tot Ion:114 Resp: 2408354
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.6 0.0 30.2

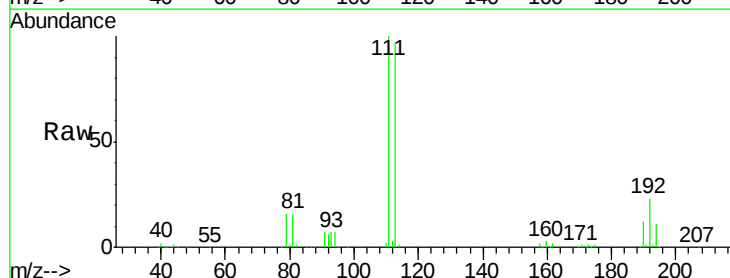


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

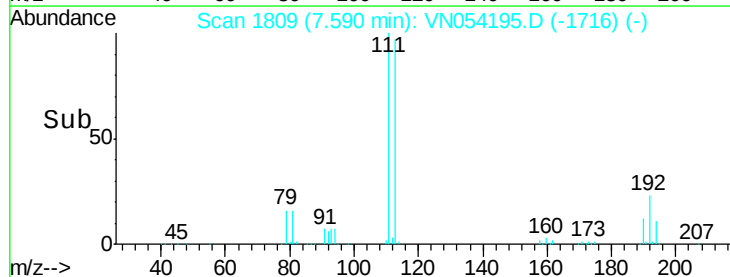
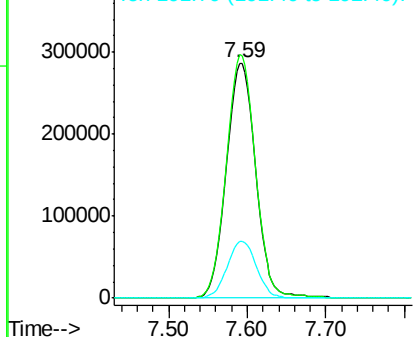


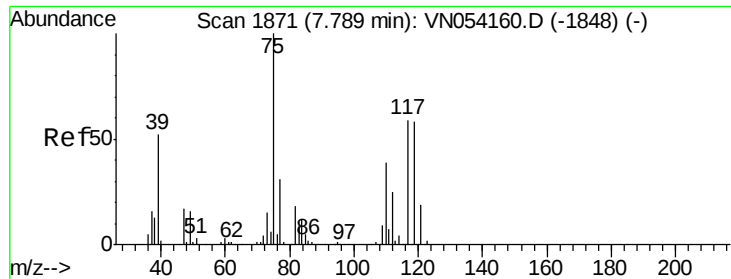
#35
 Dibromofluoromethane
 Concen: 47.658 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Tgt Ion:113 Resp: 740267
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 24.3 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

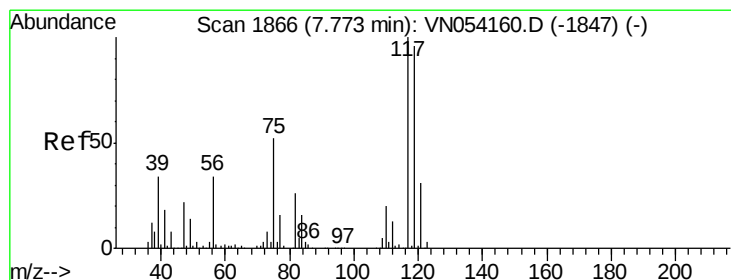
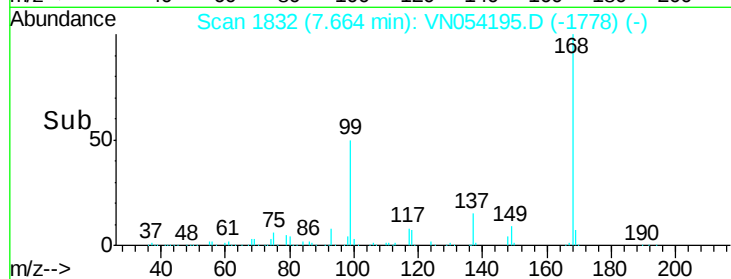
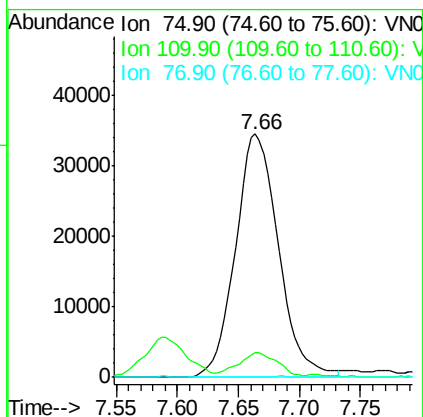
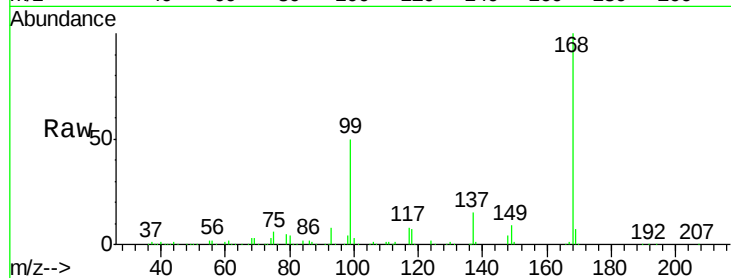




#36
 1,1-Dichloropropene
 Concen: 3.809 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

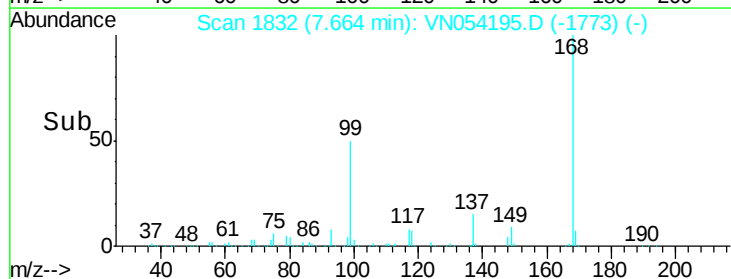
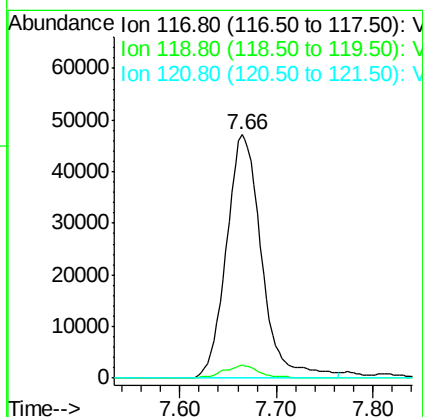
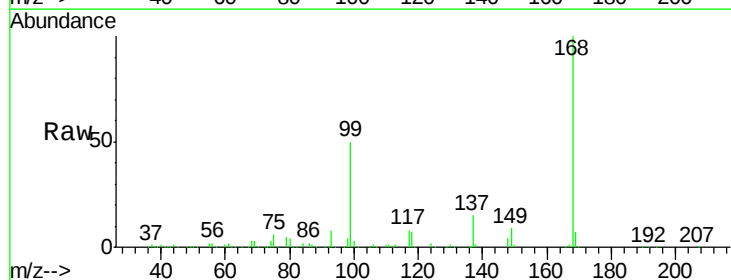
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

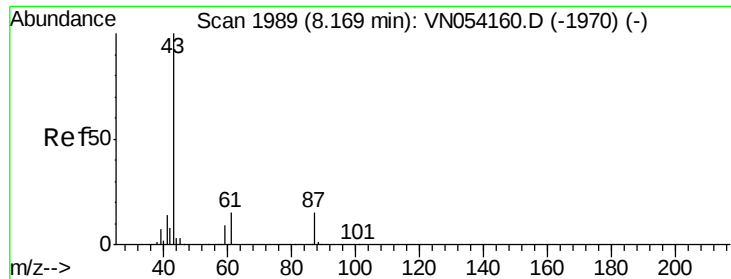
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.126 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#



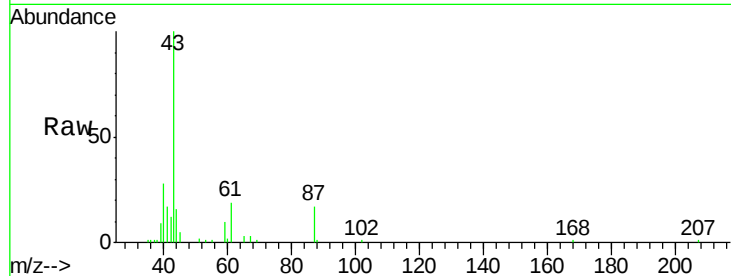


#43

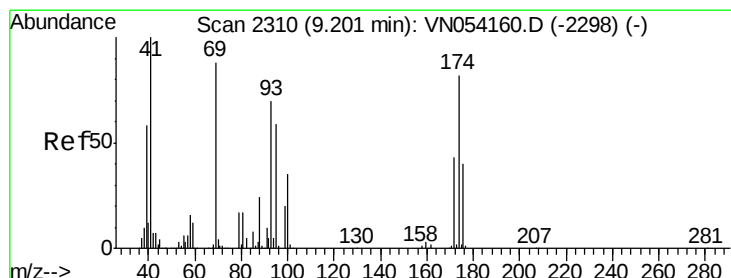
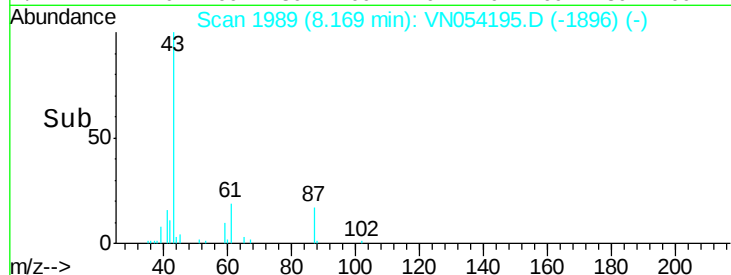
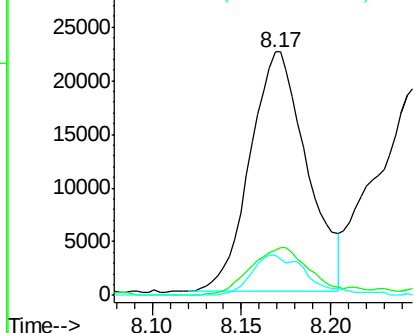
Isopropyl Acetate
 Concen: 2.228 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

Tot Ion: 43 Resp: 49827
 Ion Ratio Lower Upper
 43 100
 61 20.7 15.8 23.8
 87 16.7 12.0 18.0



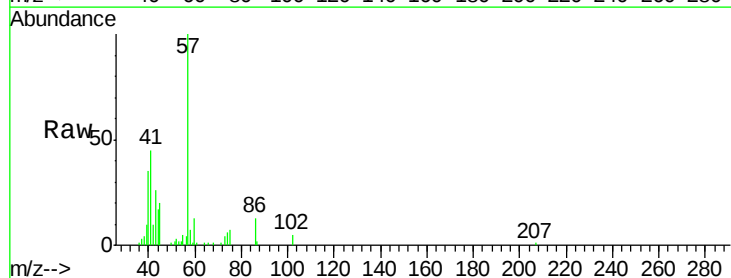
Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 61.00 (60.70 to 61.70): VNC
 Ion 87.00 (86.70 to 87.70): VNC



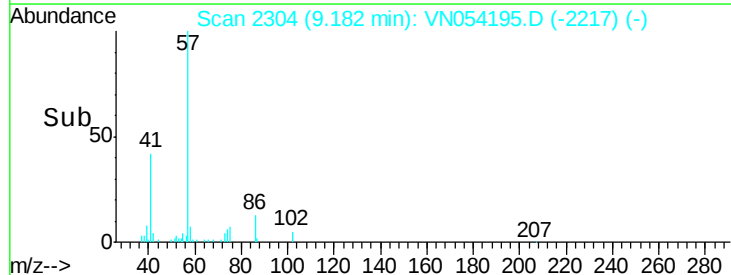
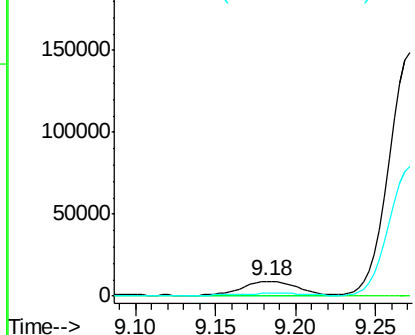
#48

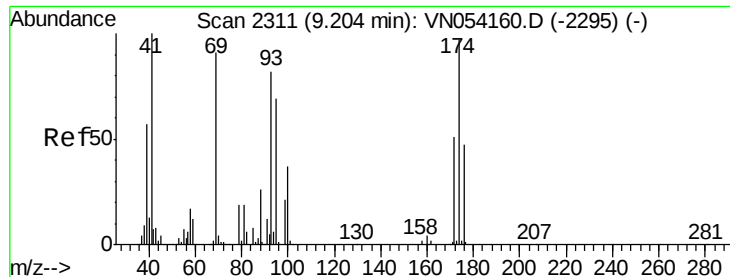
Methyl methacrylate
 Concen: 1.778 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Tgt Ion: 41 Resp: 20186
 Ion Ratio Lower Upper
 41 100
 69 1.1 72.6 108.8#
 39 0.0 47.5 71.3#



Abundance Ion 41.00 (40.70 to 41.70): VNC
 Ion 69.00 (68.70 to 69.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 1.526 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-B

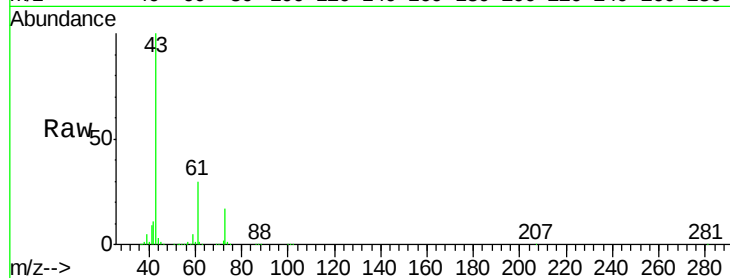
Tot Ion: 88 Resp: 245

Ion Ratio Lower Upper

88 100

43 1280881.6 24.1 36.1#

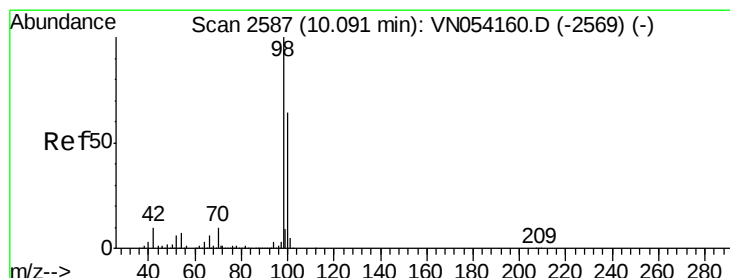
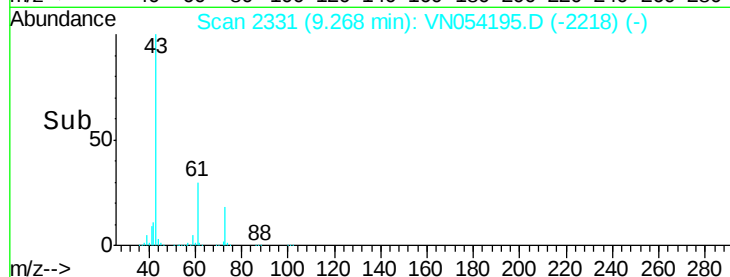
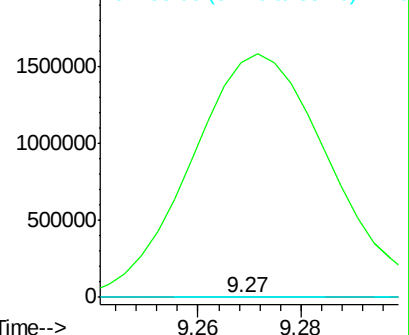
58 5034.3 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.449 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054195.D

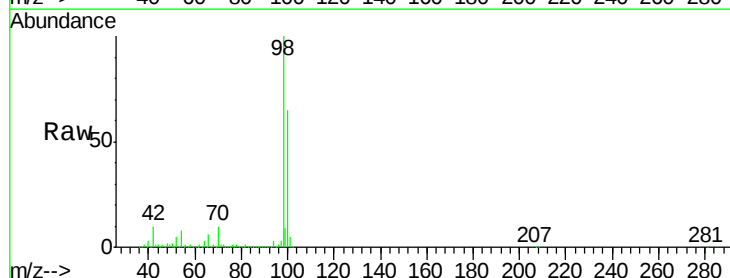
Acq: 13 Mar 2019 6:07

Tgt Ion: 98 Resp: 3008772

Ion Ratio Lower Upper

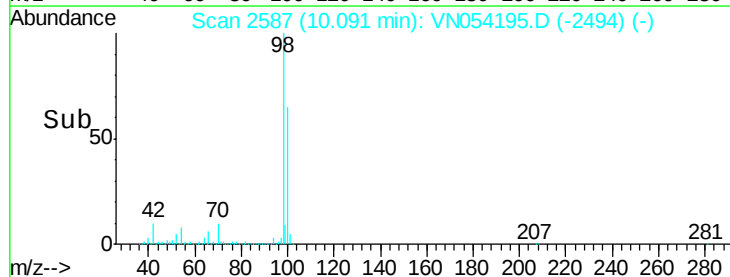
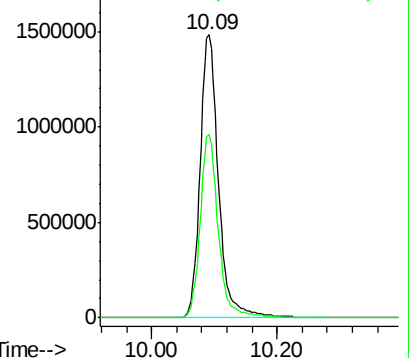
98 100

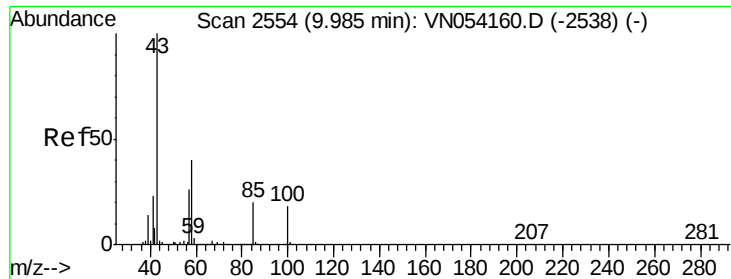
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.642 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

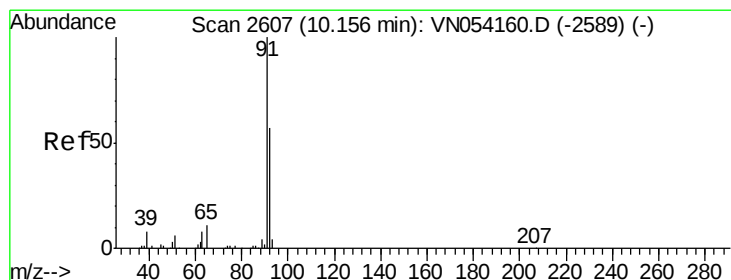
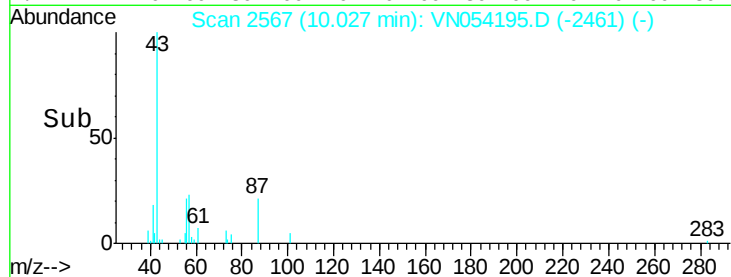
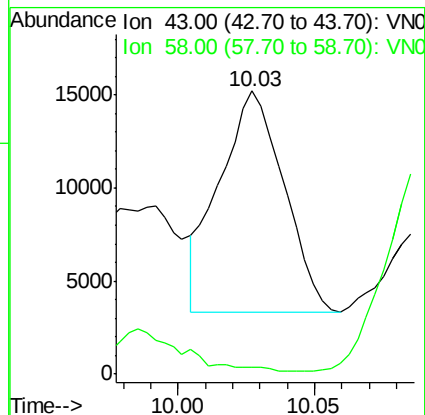
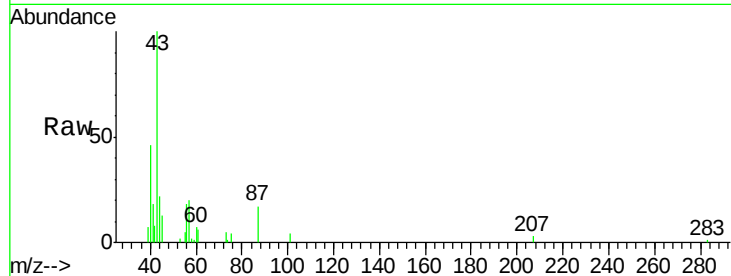
HR-06-031119-B

Tot Ion: 43 Resp: 19442

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#52

Toluene

Concen: 0.214 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054195.D

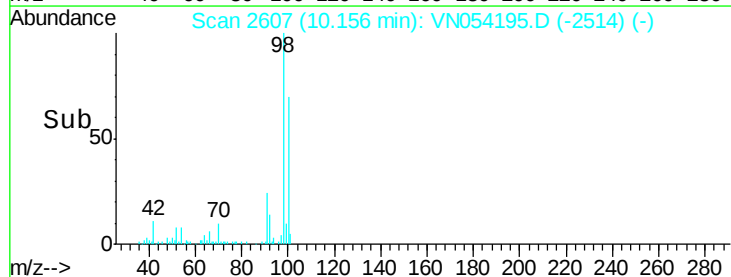
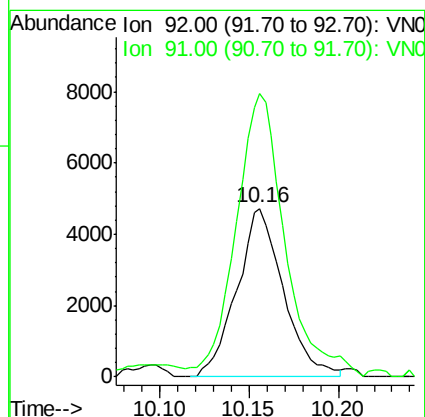
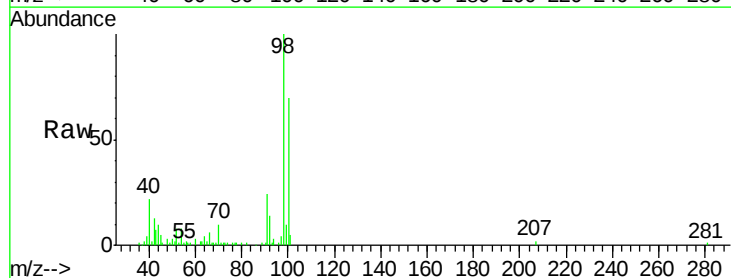
Acq: 13 Mar 2019 6:07

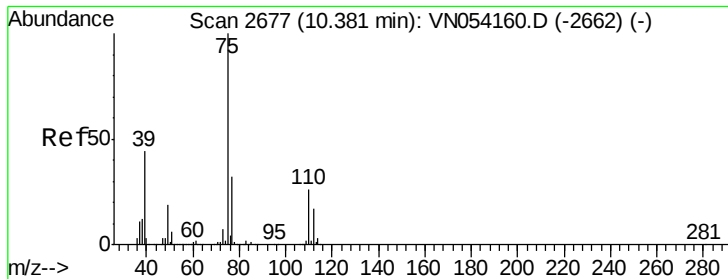
Tgt Ion: 92 Resp: 8627

Ion Ratio Lower Upper

92 100

91 177.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 1.993 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

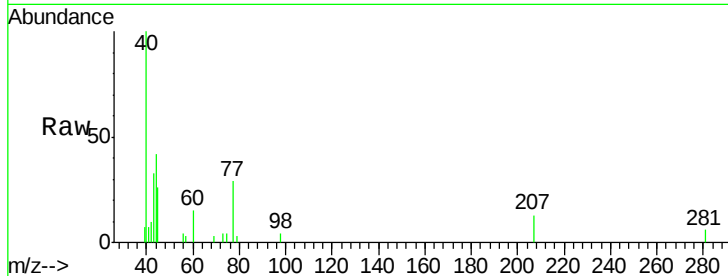
HR-06-031119-B

Tot Ion: 75 Resp: 185

Ion Ratio Lower Upper

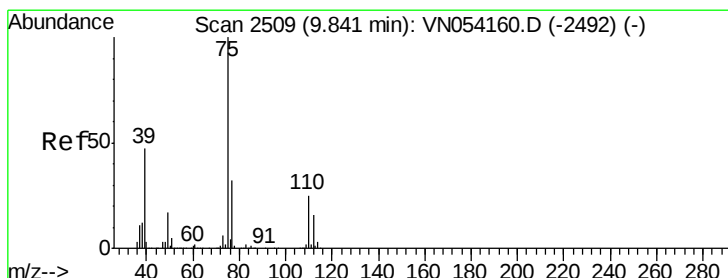
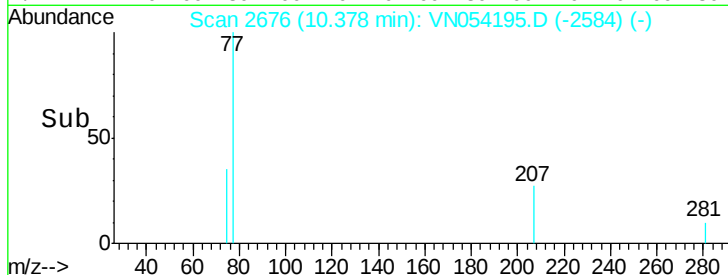
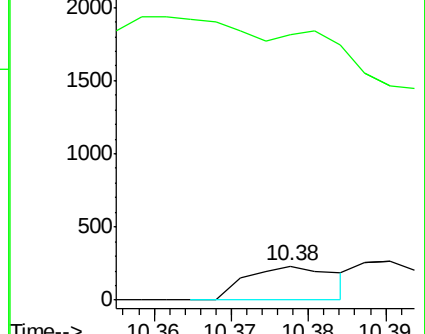
75 100

77 31.9 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.321 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

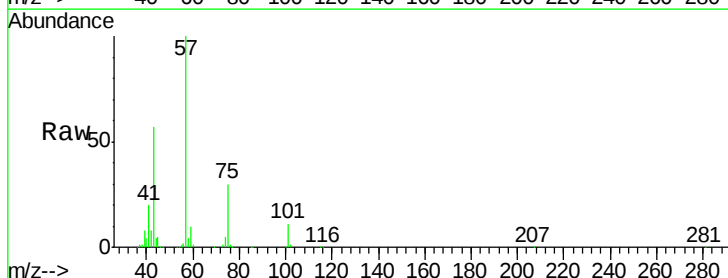
Tgt Ion: 75 Resp: 157238

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

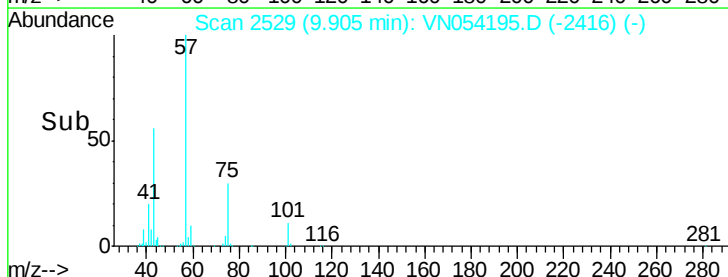
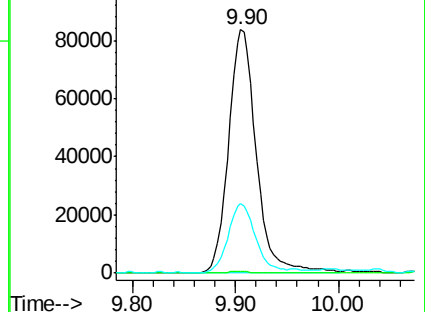
39 28.1 37.2 55.8#

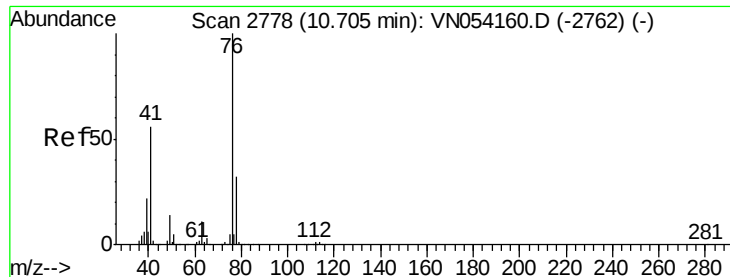


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

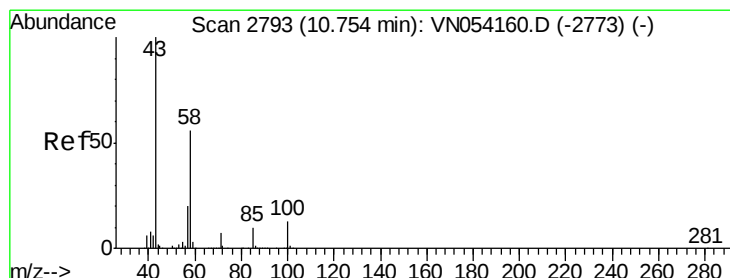
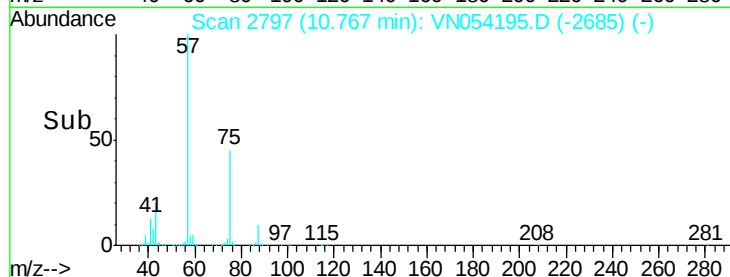
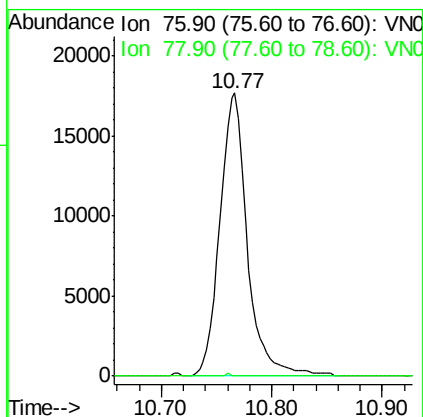
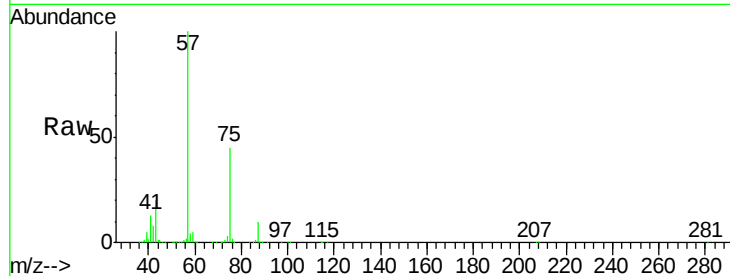




#57
 1,3-Dichloropropane
 Concen: 1.274 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

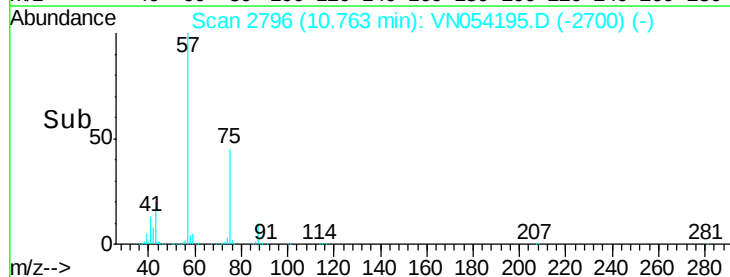
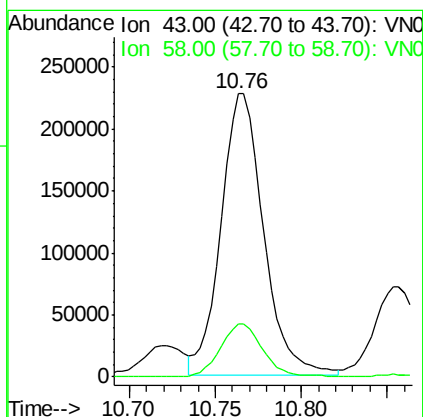
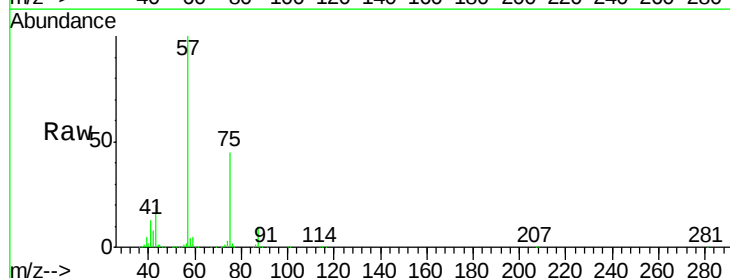
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

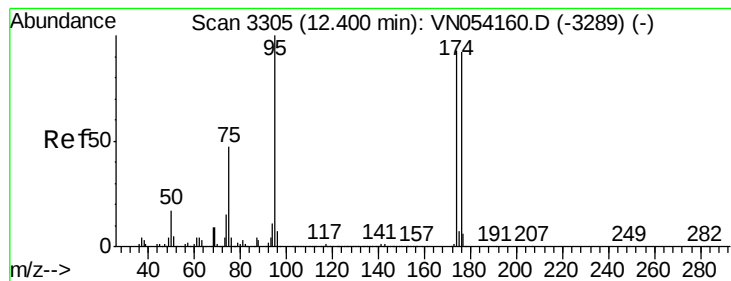
Tot Ion: 76 Resp: 30612
 Ion Ratio Lower Upper
 76 100
 78 0.1 25.7 38.5#



#59
 2-Hexanone
 Concen: 49.819 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Tgt Ion: 43 Resp: 392413
 Ion Ratio Lower Upper
 43 100
 58 18.8 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 59.556 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-B

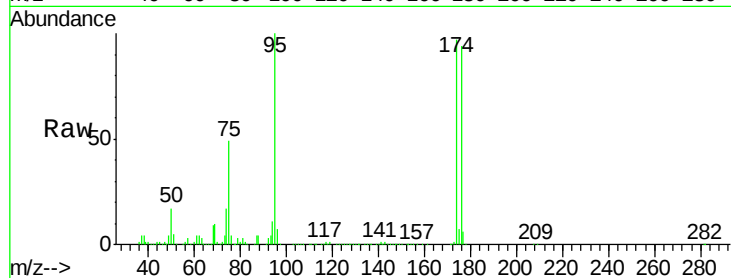
Tot Ion: 95 Resp: 1195425

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

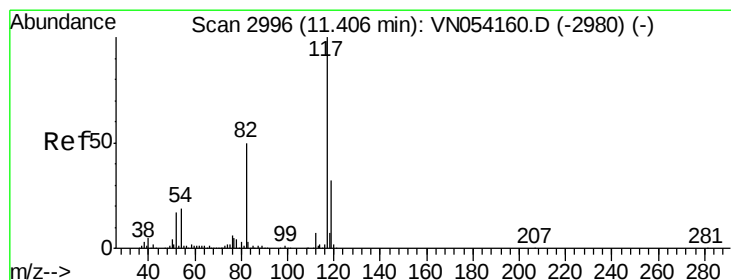
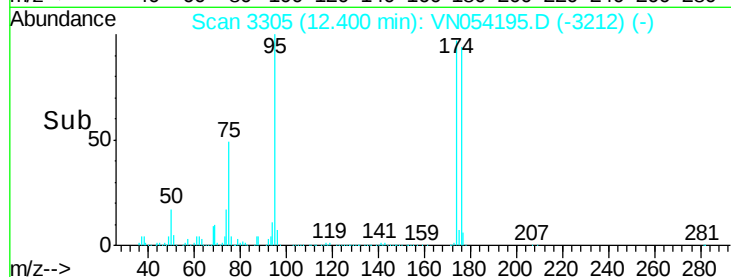
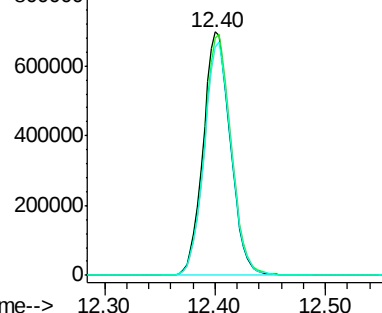
176 94.8 0.0 187.4



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

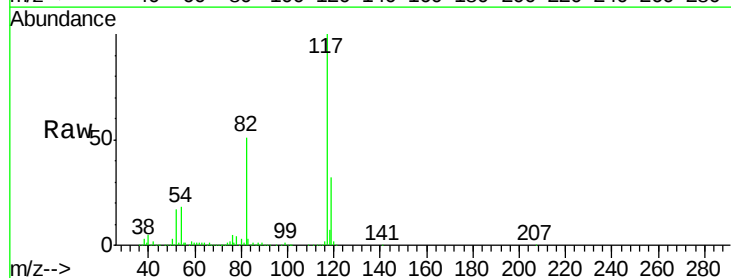
Tgt Ion: 117 Resp: 2570119

Ion Ratio Lower Upper

117 100

82 51.2 40.0 60.0

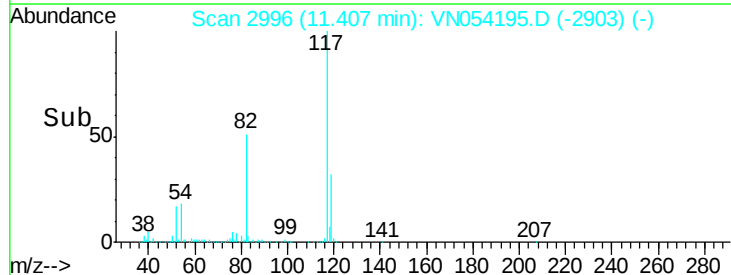
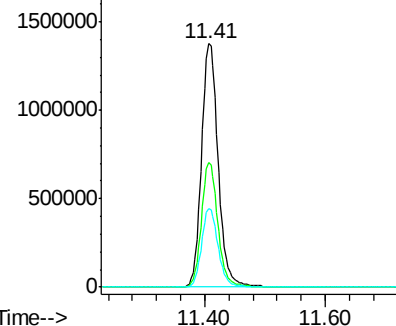
119 32.3 25.8 38.6

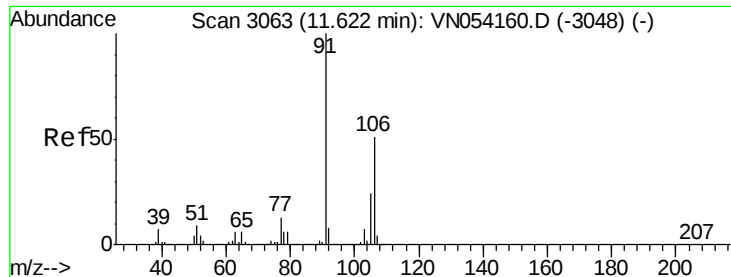


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

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

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





#68

m/p-Xylenes

Concen: 0.240 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.01 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

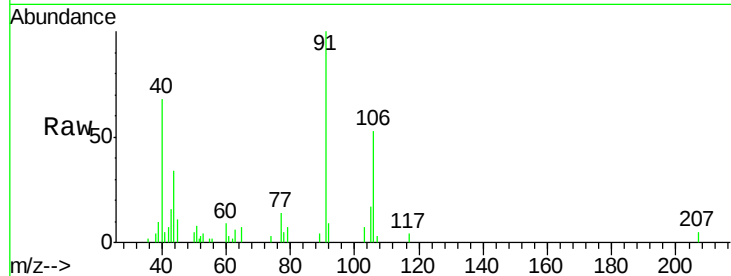
HR-06-031119-B

Tot Ion:106 Resp: 8761

Ion Ratio Lower Upper

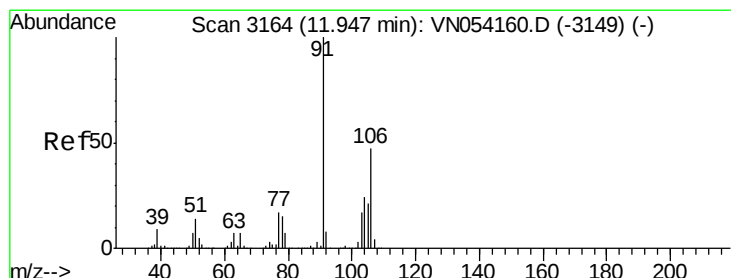
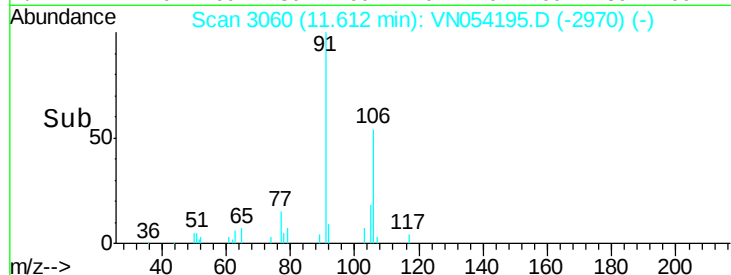
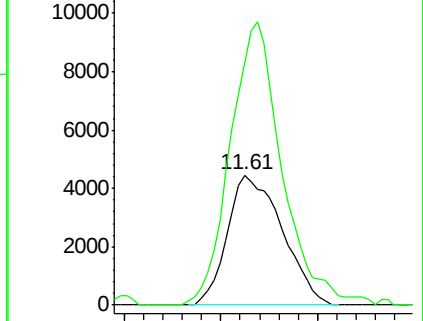
106 100

91 206.8 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.244 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054195.D

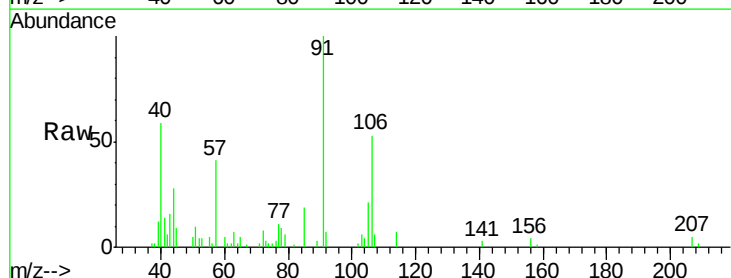
Acq: 13 Mar 2019 6:07

Tgt Ion:106 Resp: 8703

Ion Ratio Lower Upper

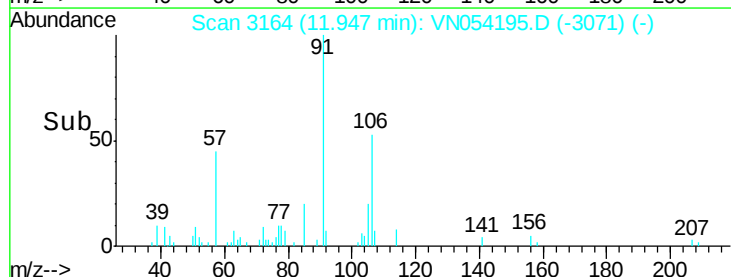
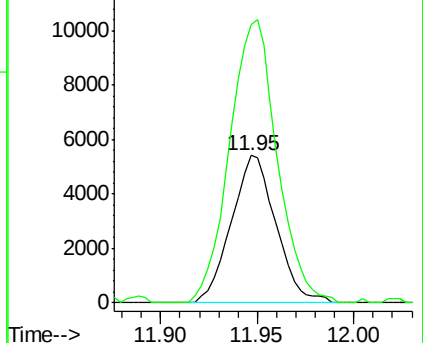
106 100

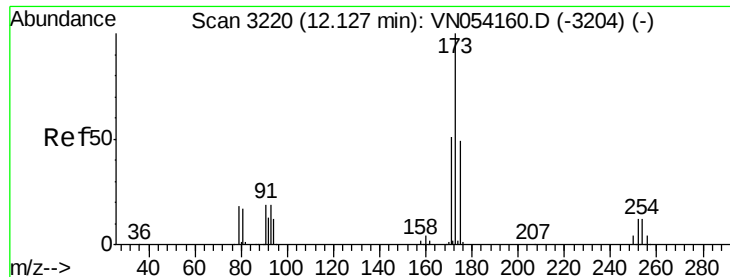
91 204.2 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.835 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-B

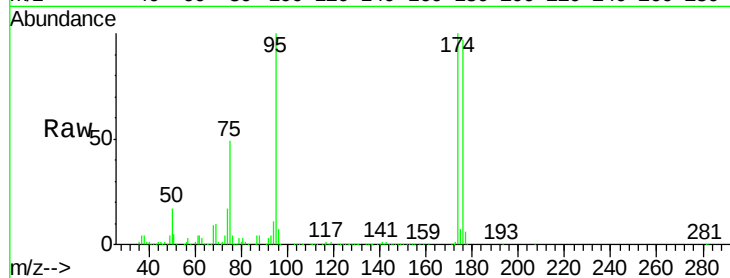
Tot Ion:173 Resp: 7935

Ion Ratio Lower Upper

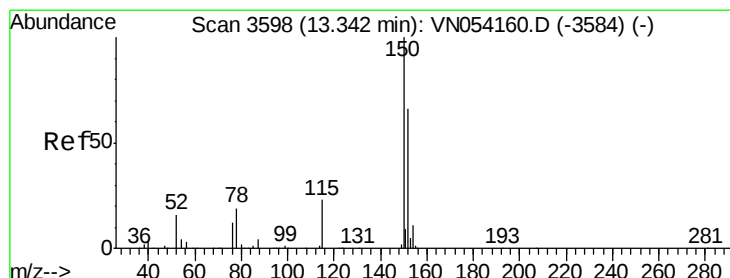
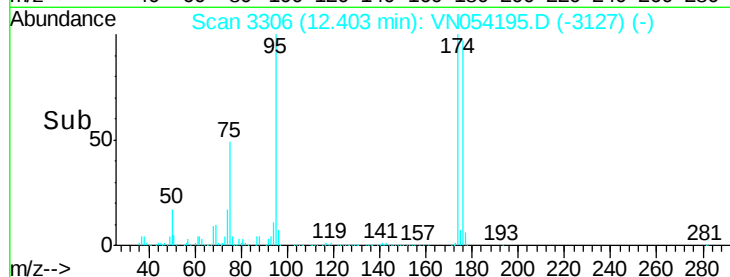
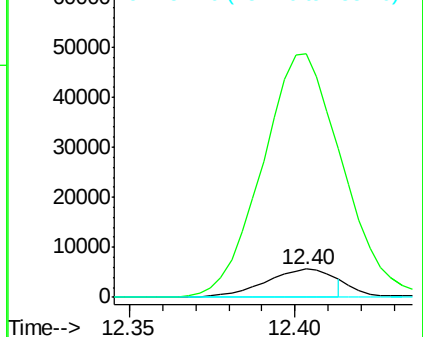
173 100

175 881.5 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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

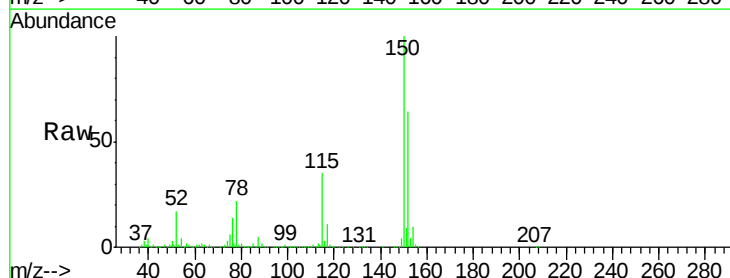
Tgt Ion:152 Resp: 1211505

Ion Ratio Lower Upper

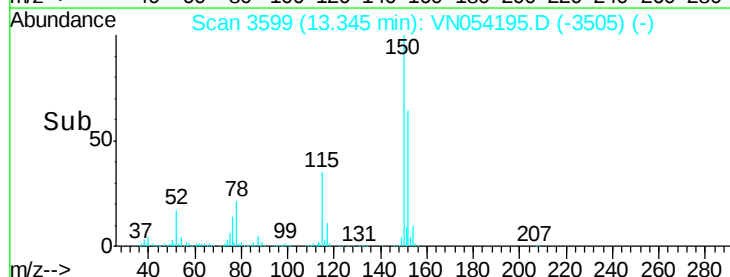
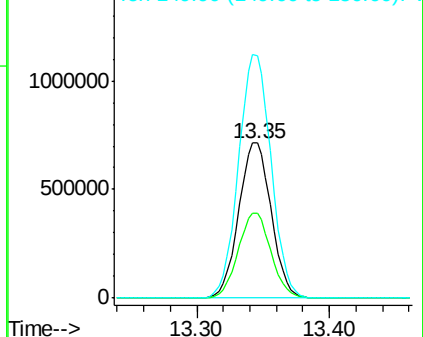
152 100

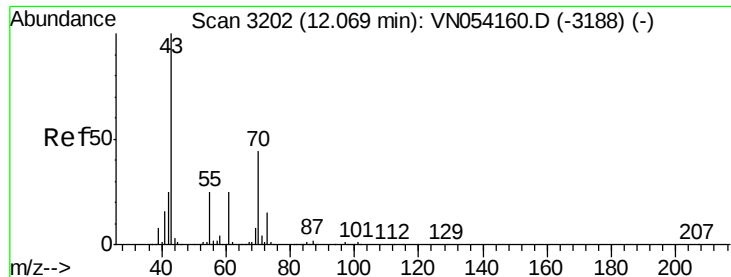
115 55.5 27.2 81.6

150 157.4 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: 2.042 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-B

Tot Ion: 43 Resp: 43935

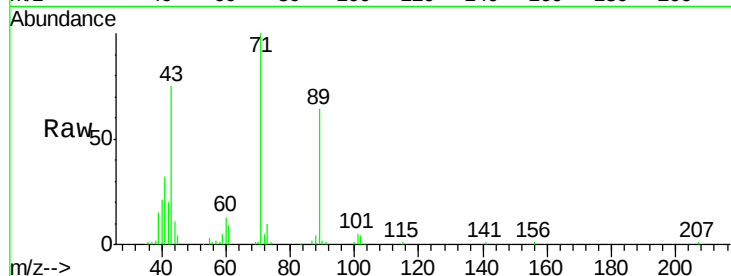
Ion Ratio Lower Upper

43 100

70 1.7 35.4 53.0#

55 3.6 19.8 29.6#

61 11.4 19.8 29.6#

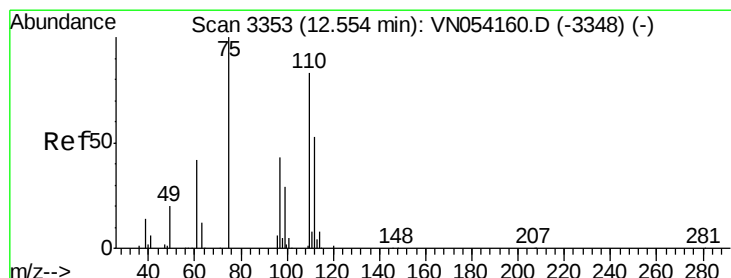
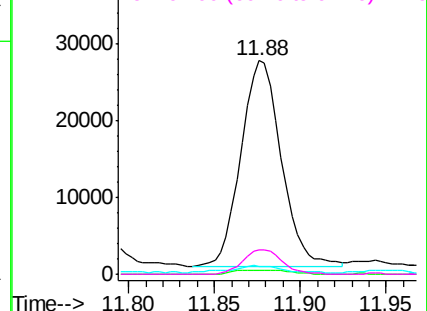
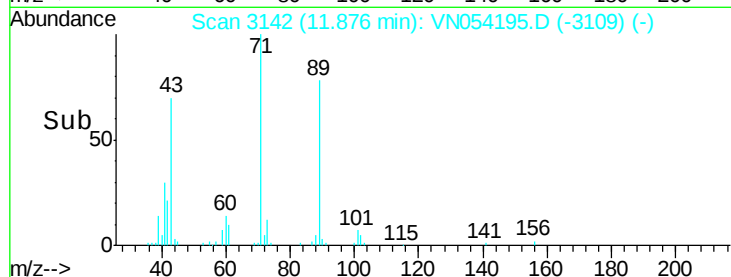


Abundance Ion 43.00 (42.70 to 43.70): VNC

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: 32.664 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054195.D

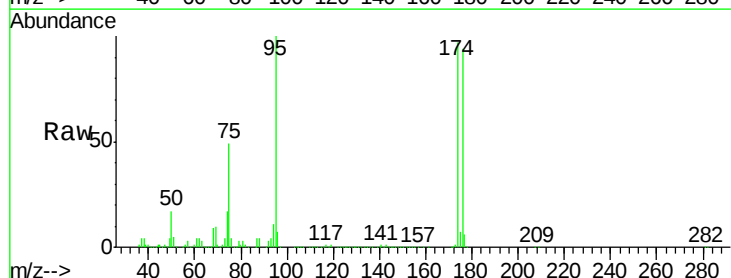
Acq: 13 Mar 2019 6:07

Tgt Ion: 75 Resp: 581929

Ion Ratio Lower Upper

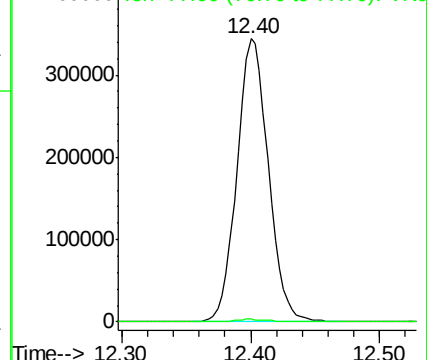
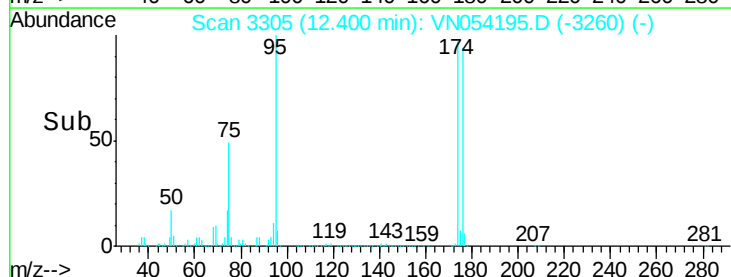
75 100

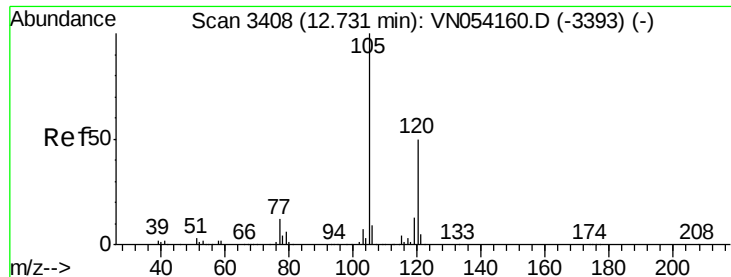
77 0.9 0.0 0.0#



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: 0.772 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

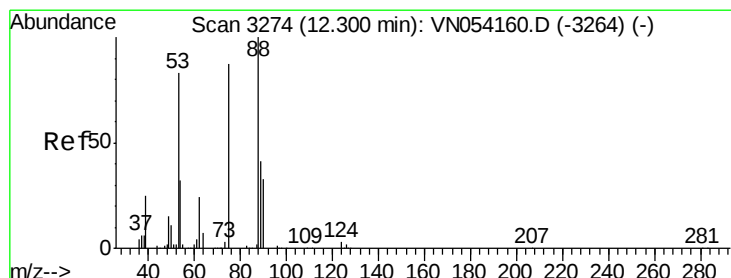
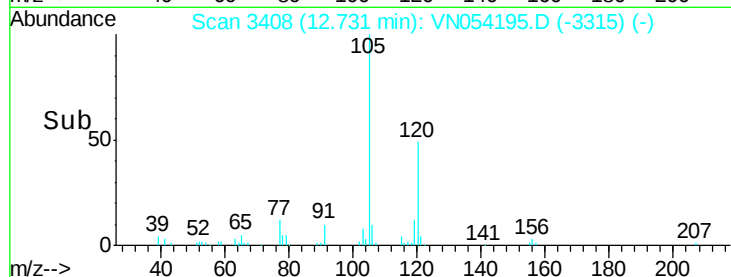
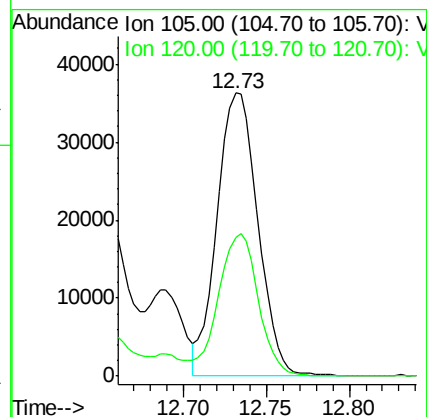
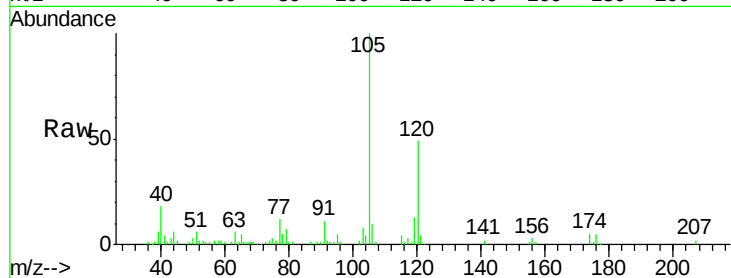
HR-06-031119-B

Tot Ion:105 Resp: 62249

Ion Ratio Lower Upper

105 100

120 48.9 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 111.659 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

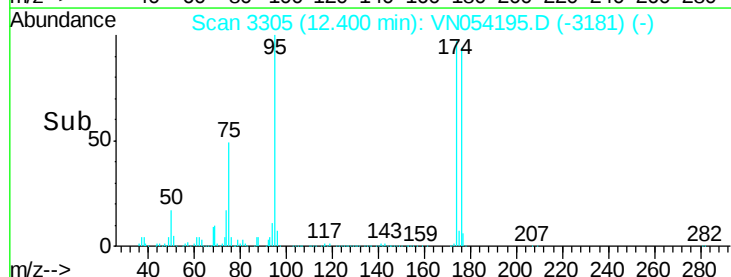
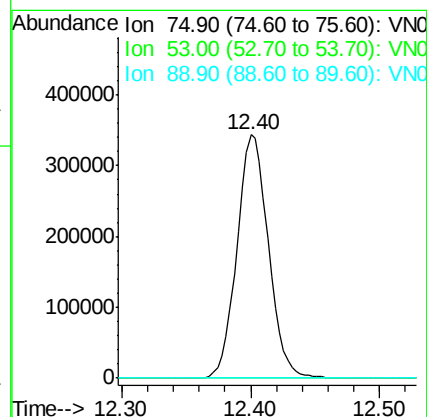
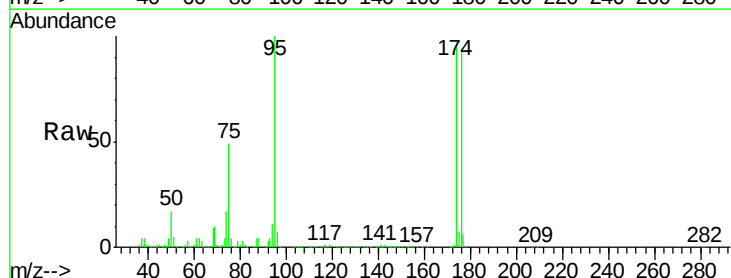
Tgt Ion: 75 Resp: 581929

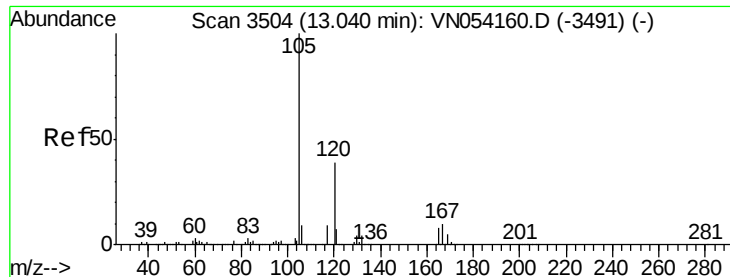
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

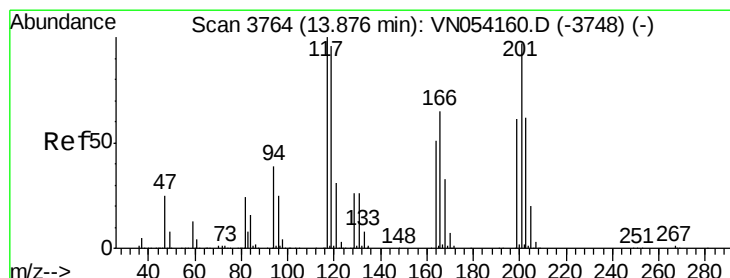
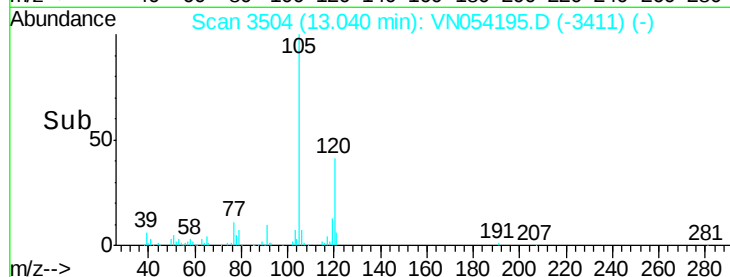
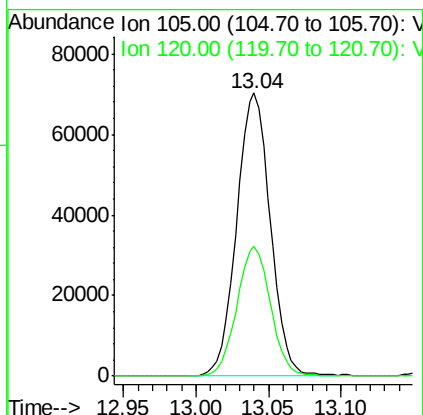
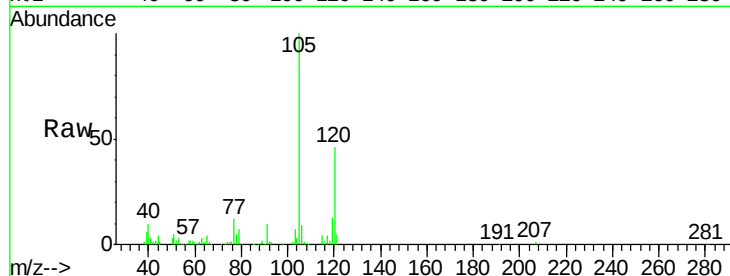




#84
 1,2,4-Trimethylbenzene
 Concen: 1.433 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

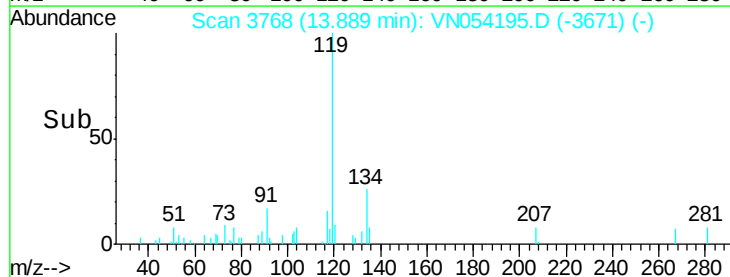
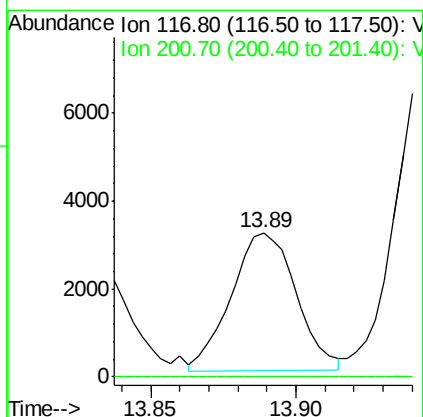
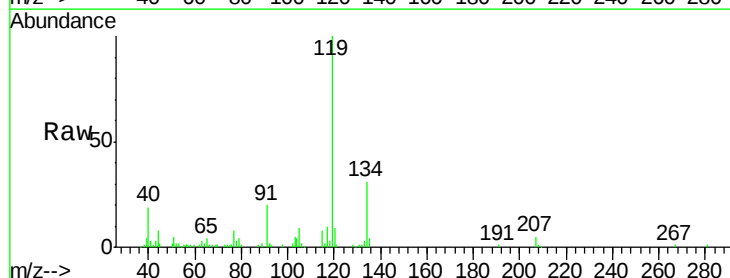
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-B

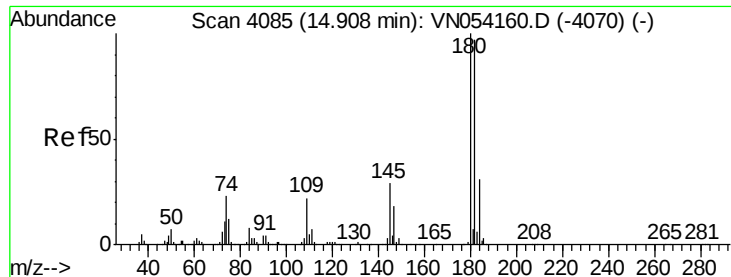
Tot Ion:105 Resp: 113310
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.4 70.3



#90
 Hexachloroethane
 Concen: 0.350 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.01 min
 Lab File: VN054195.D
 Acq: 13 Mar 2019 6:07

Tgt Ion:117 Resp: 4889
 Ion Ratio Lower Upper
 117 100
 201 0.0 48.1 144.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.550 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-B

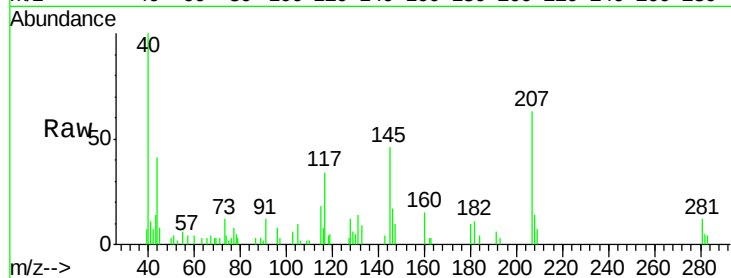
Tot Ion:180 Resp: 894

Ion Ratio Lower Upper

180 100

182 98.2 48.0 144.2

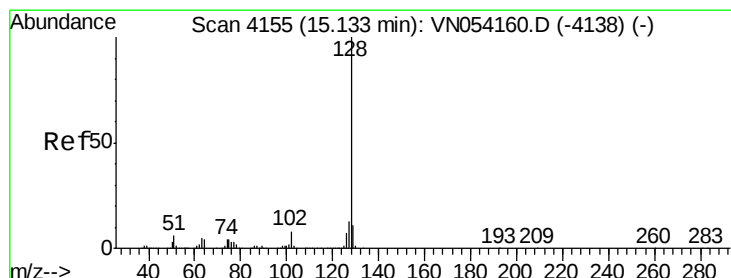
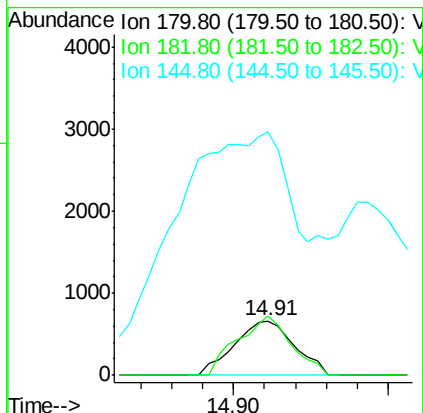
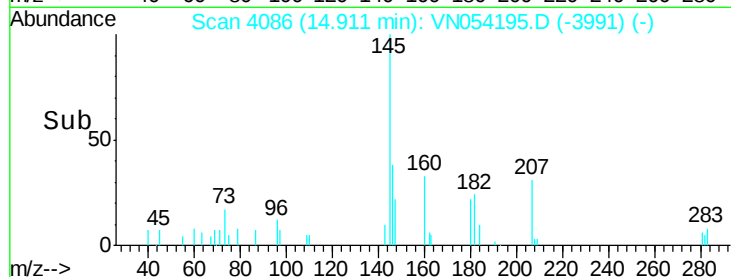
145 714.9 14.2 42.8#



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



#95

Naphthalene

Concen: 4.913 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054195.D

Acq: 13 Mar 2019 6:07

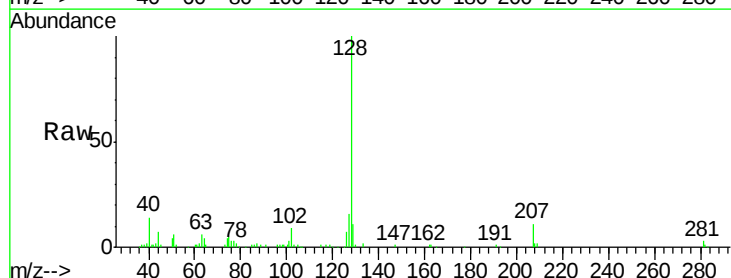
Tgt Ion:128 Resp: 82399

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

