

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054200.D
 Acq On : 13 Mar 2019 8:19
 Operator : JC/SP
 Sample : K1687-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Mar 13 09:06:13 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	1360768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2260143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2414616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1181712	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	744704	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	696125	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2816853	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	1149309	61.01	ug/l	0.00
Spiked Amount			Recovery	=	122.02%	

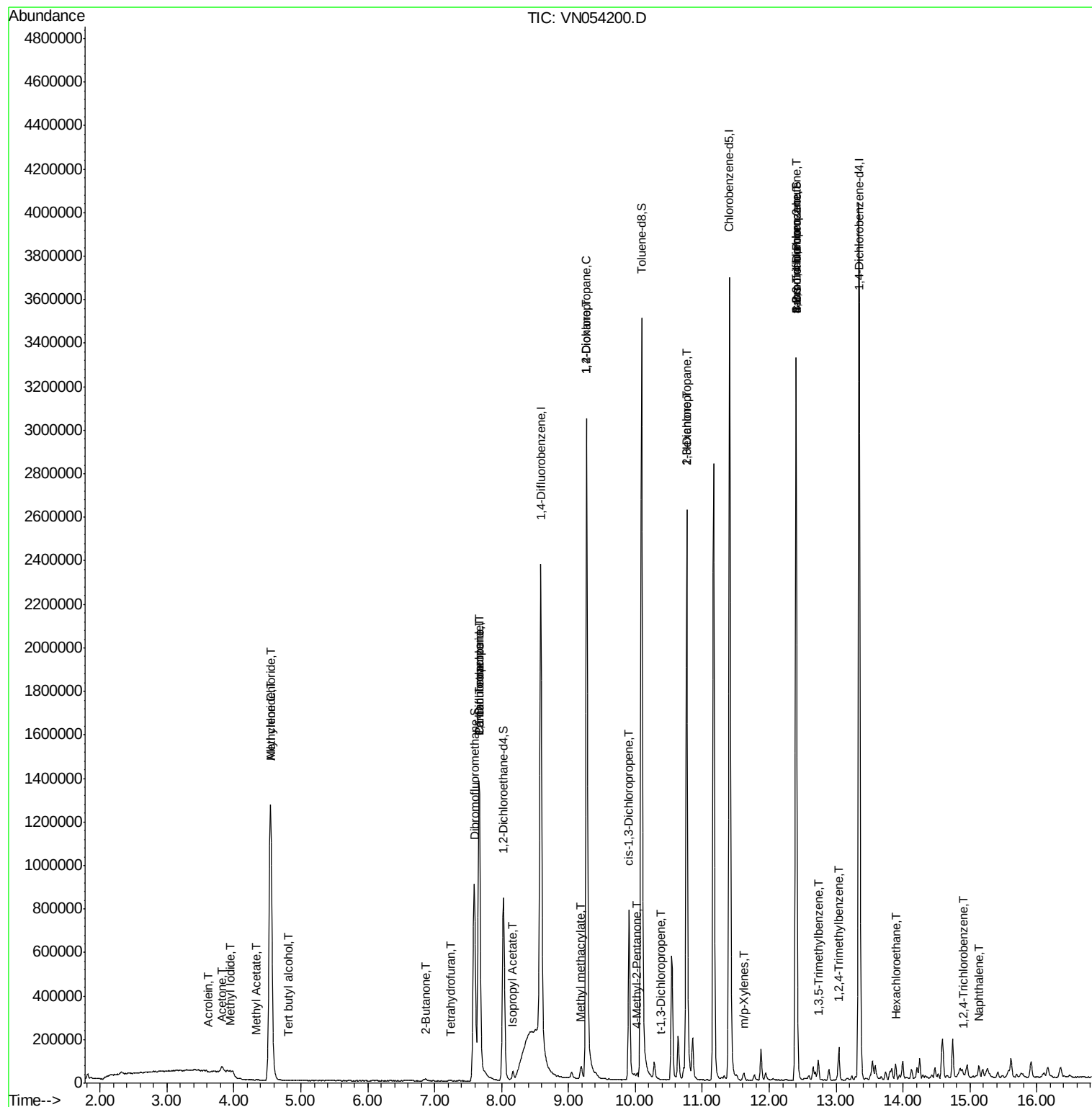
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	182	1.506	ug/l #	89
11) Tert butyl alcohol	4.81	59	325	0.328	ug/l #	70
13) Acrolein	3.62	56	327	0.348	ug/l #	54
14) Allyl chloride	4.55	41	30043	1.656	ug/l #	21
16) Acetone	3.82	43	36247	8.760	ug/l	95
18) Methyl Acetate	4.33	43	3077	0.368	ug/l #	72
20) Methylene Chloride	4.55	84	1028179	75.676	ug/l	99
25) 2-Butanone	6.86	43	11113	2.288	ug/l	90
29) Tetrahydrofuran	7.23	42	3518	1.127	ug/l #	80
31) Cyclohexane	7.67	56	21044	Below Cal	#	8
36) 1,1-Dichloropropene	7.67	75	79257	3.808	ug/l #	47
38) Carbon Tetrachloride	7.66	117	113890	5.218	ug/l #	15
43) Isopropyl Acetate	8.17	43	47764	2.275	ug/l	98
45) 1,2-Dichloropropane	9.27	63	4426	0.299	ug/l #	43
48) Methyl methacrylate	9.18	41	19788	1.857	ug/l #	11
49) 1,4-Dioxane	9.27	88	279	1.852	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	17963	1.617	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	72	1.989	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	156392	6.699	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	29764	1.320	ug/l #	43
59) 2-Hexanone	10.77	43	398729	53.940	ug/l #	50
68) m/p-Xylenes	11.62	106	10867	0.316	ug/l	93
71) Bromoform	12.40	173	6915	2.799	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	553956	31.878	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	46485	0.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	553956	108.972	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	89413	1.159	ug/l	99
90) Hexachloroethane	13.89	117	3697	0.271	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	976	2.554	ug/l #	1
95) Naphthalene	15.13	128	49657	4.361	ug/l	98

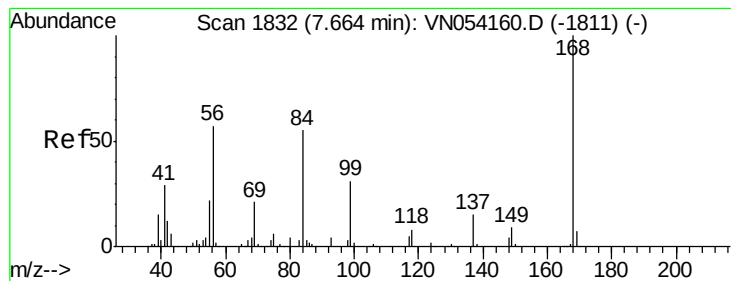
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

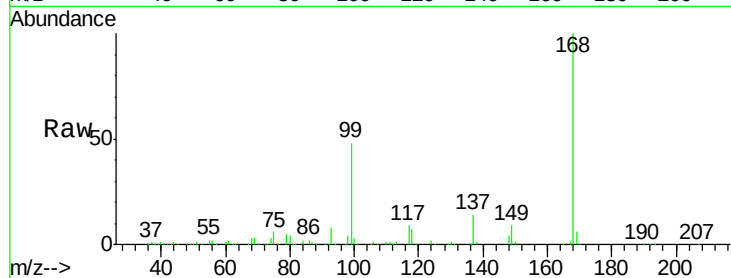
HR-06-031119-C

Tot Ion:168 Resp: 1360768

Ion Ratio Lower Upper

168 100

99 47.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

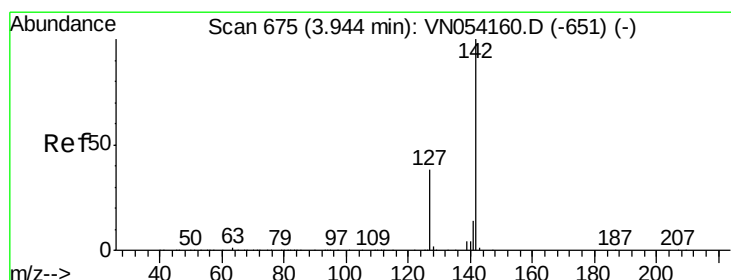
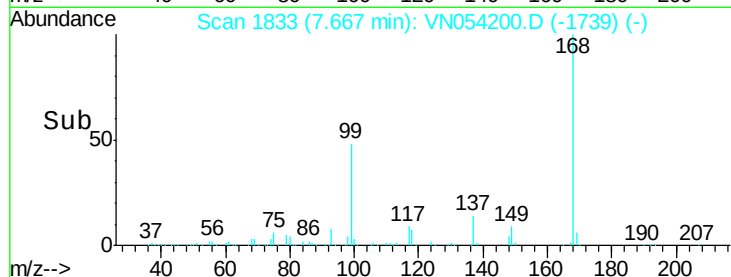
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.506 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

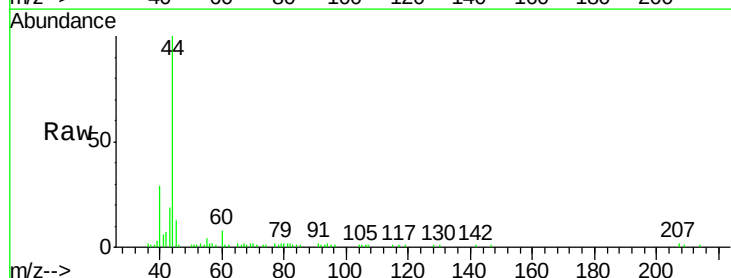
Tgt Ion:142 Resp: 182

Ion Ratio Lower Upper

142 100

127 39.0 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

3.94

250

200

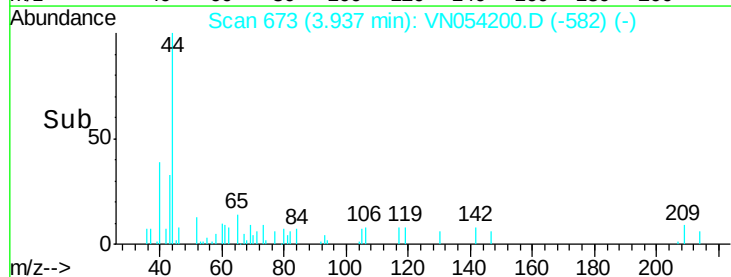
150

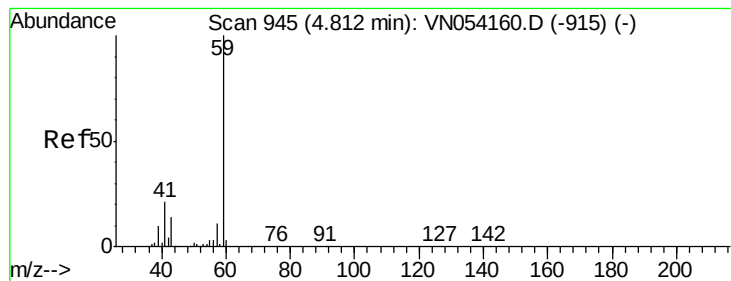
100

50

0

Time--> 3.92 3.93 3.94 3.95





#11

Tert butyl alcohol

Concen: 0.328 ug/l

RT: 4.81 min Scan# 943

Delta R.T. -0.01 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

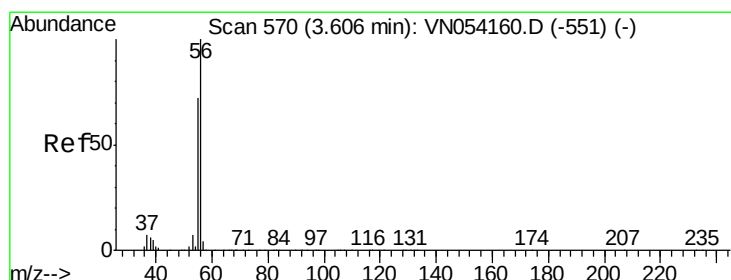
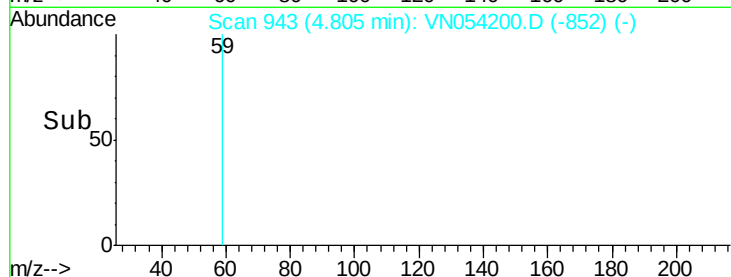
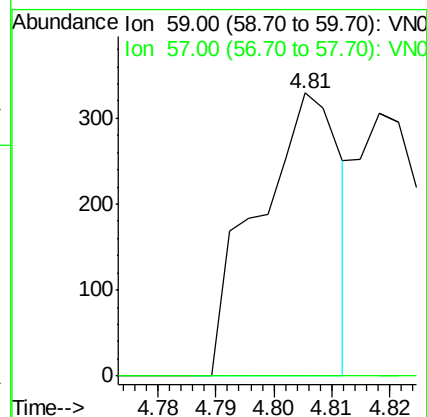
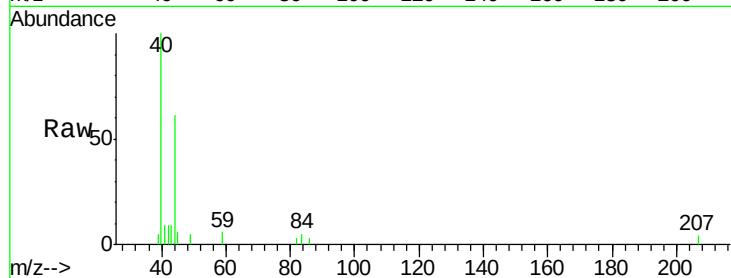
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Tot Ion: 59 Resp: 325

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



#13

Acrolein

Concen: 0.348 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN054200.D

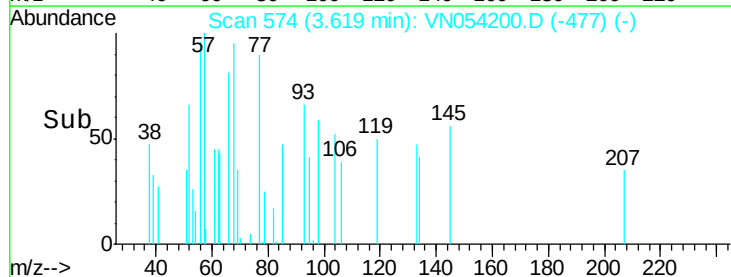
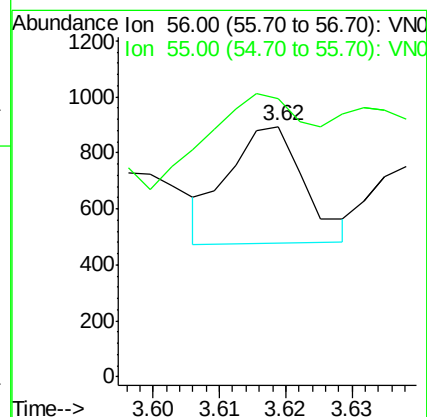
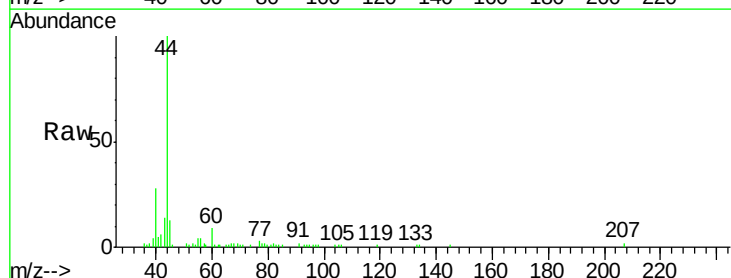
Acq: 13 Mar 2019 8:19

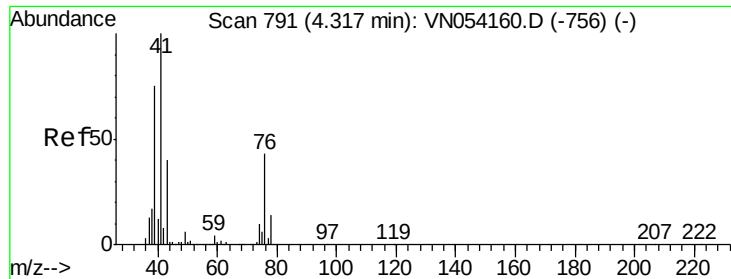
Tgt Ion: 56 Resp: 327

Ion Ratio Lower Upper

56 100

55 108.9 56.7 85.1#

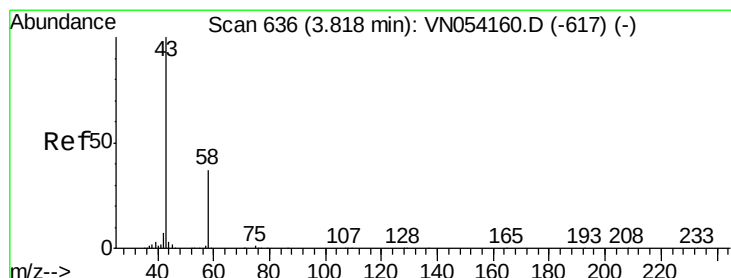
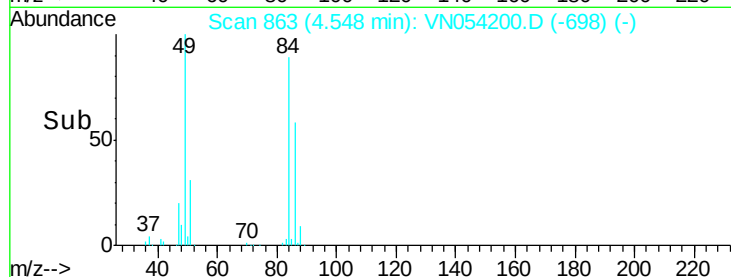
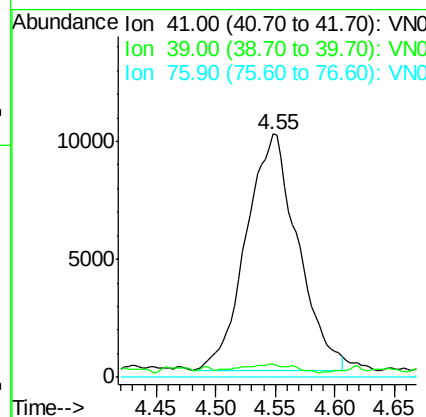
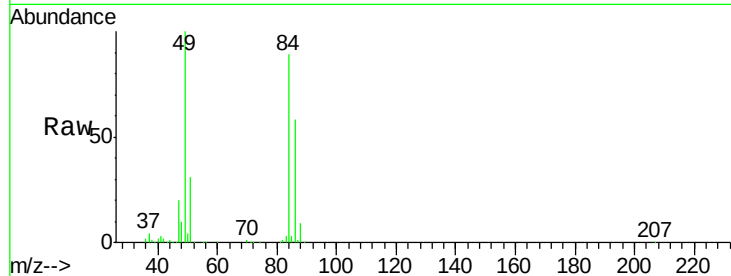




#14
Allvl chloride
Concen: 1.656 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

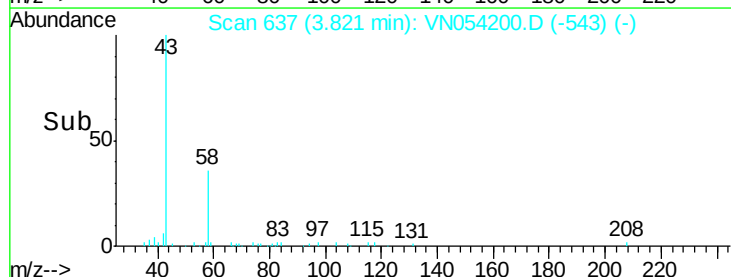
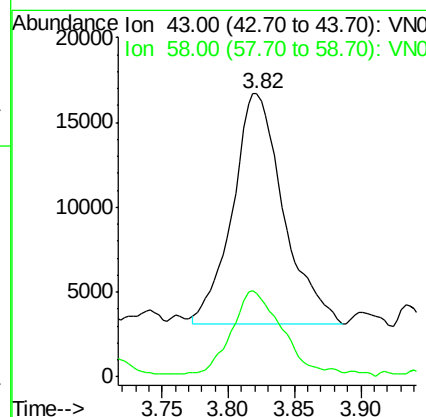
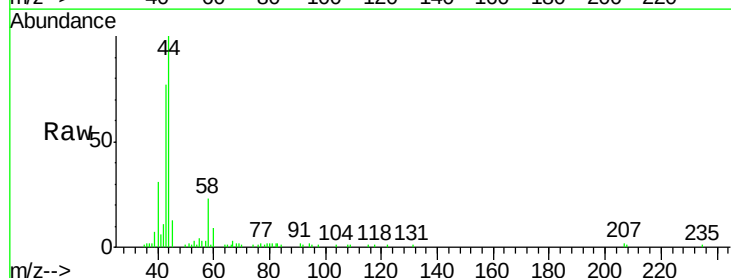
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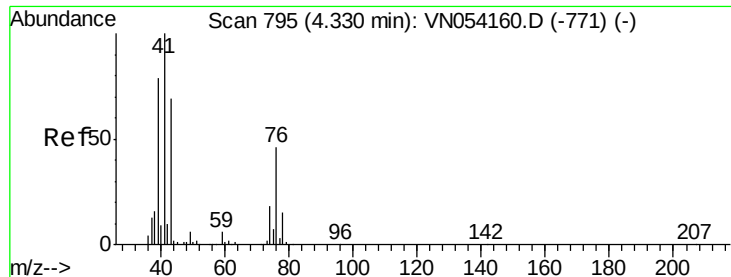
Tot Ion: 41 Resp: 30043
Ion Ratio Lower Upper
41 100
39 0.0 58.2 87.4#
76 0.0 31.7 47.5#



#16
Acetone
Concen: 8.760 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 43 Resp: 36247
Ion Ratio Lower Upper
43 100
58 34.2 29.9 44.9

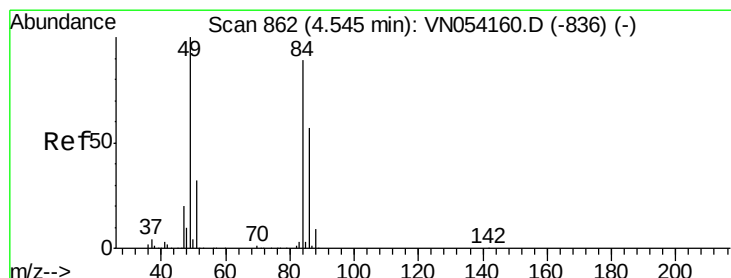
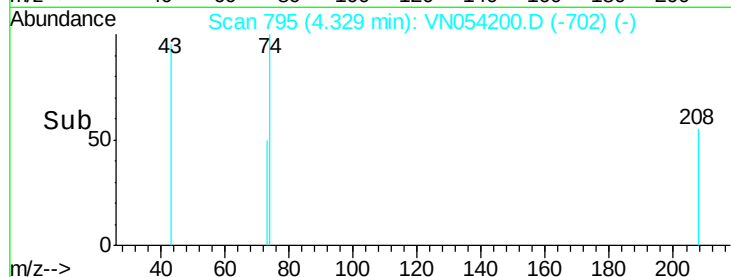
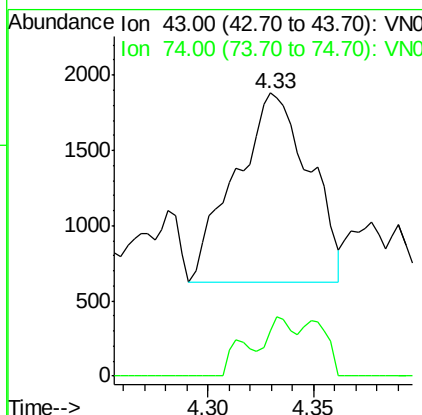
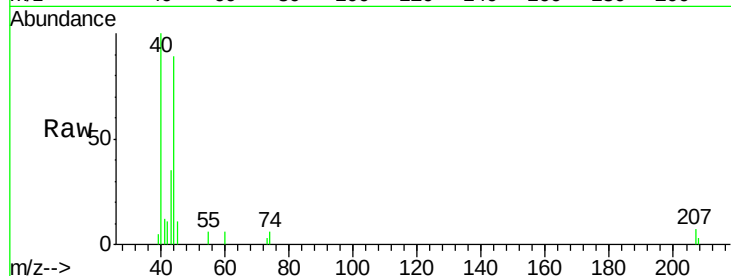




#18
Methvl Acetate
Concen: 0.368 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

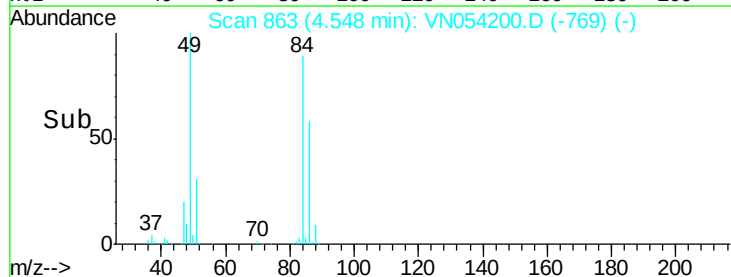
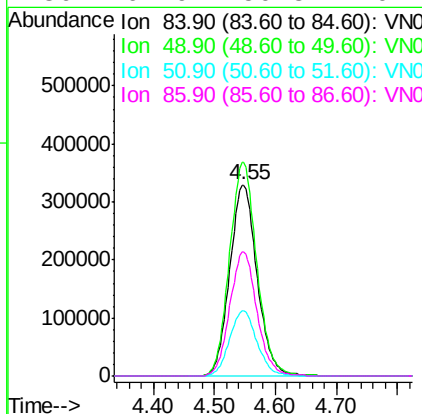
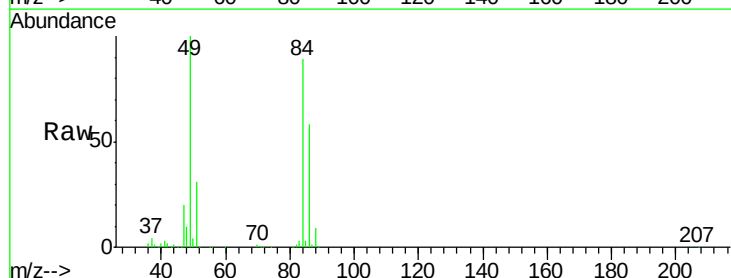
Instrument :
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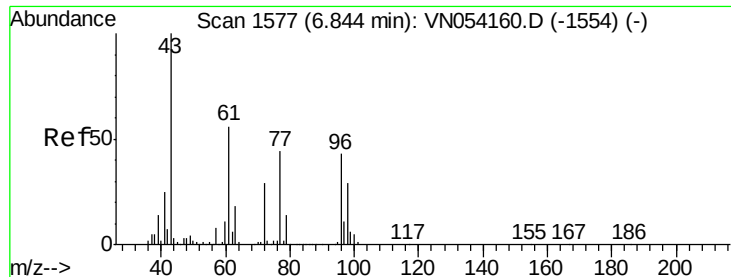
Tot Ion: 43 Resp: 3077
Ion Ratio Lower Upper
43 100
74 11.5 20.8 31.2#



#20
Methylene Chloride
Concen: 75.676 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 84 Resp: 1028179
Ion Ratio Lower Upper
84 100
49 112.0 89.7 134.5
51 34.5 28.2 42.4
86 64.9 50.8 76.2

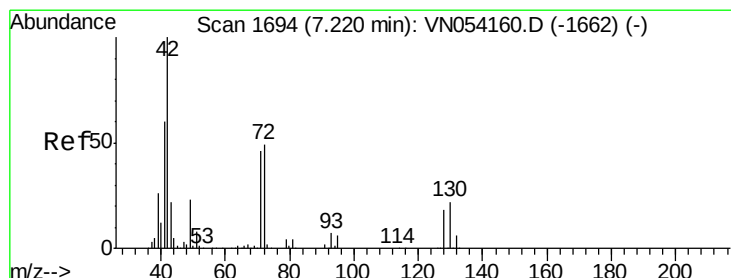
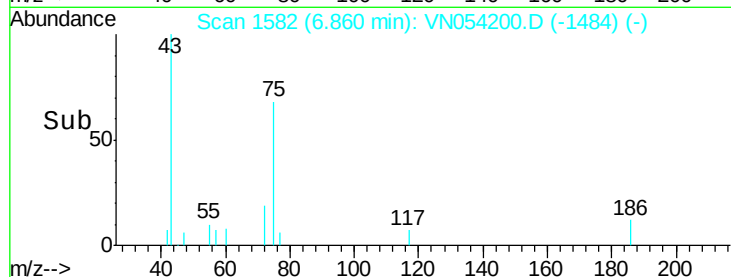
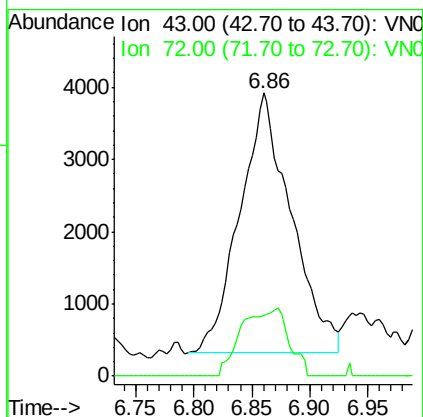
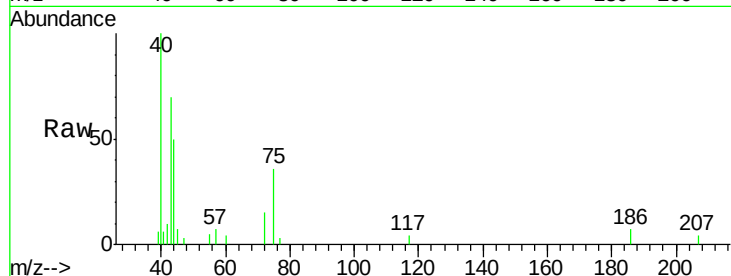




#25
2-Butanone
Concen: 2.288 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

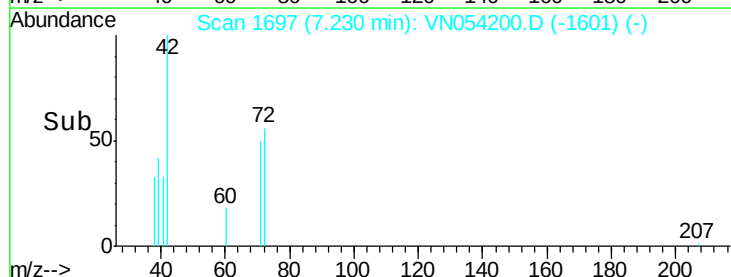
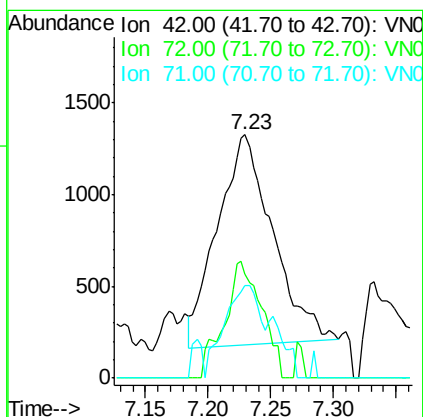
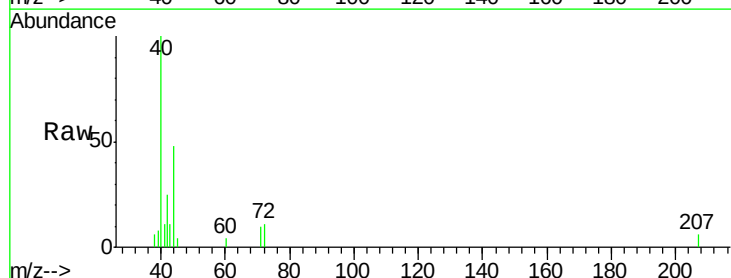
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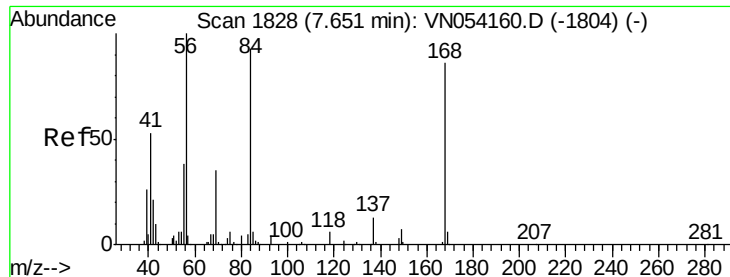
Tot Ion: 43 Resp: 11113
Ion Ratio Lower Upper
43 100
72 23.5 23.0 34.6



#29
Tetrahydrofuran
Concen: 1.127 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 42 Resp: 3518
Ion Ratio Lower Upper
42 100
72 37.2 37.8 56.6#
71 28.6 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

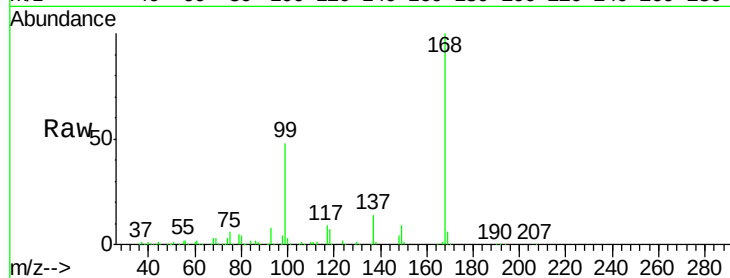
Tot Ion: 56 Resp: 21044

Ion Ratio Lower Upper

56 100

69 169.6 27.8 41.6#

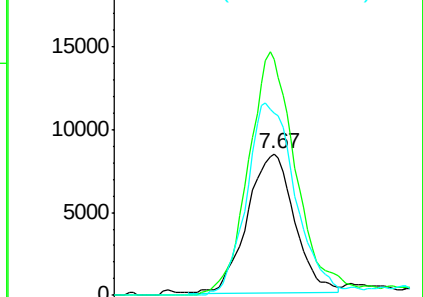
84 131.0 74.6 111.8#



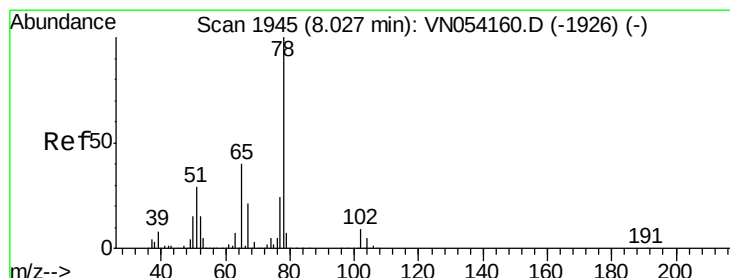
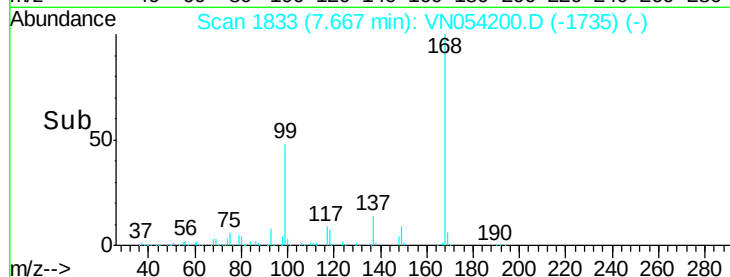
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.532 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054200.D

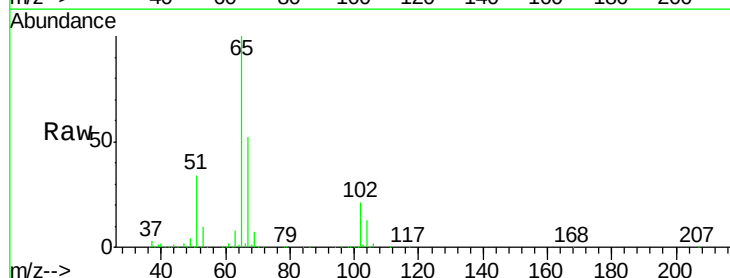
Acq: 13 Mar 2019 8:19

Tgt Ion: 65 Resp: 744704

Ion Ratio Lower Upper

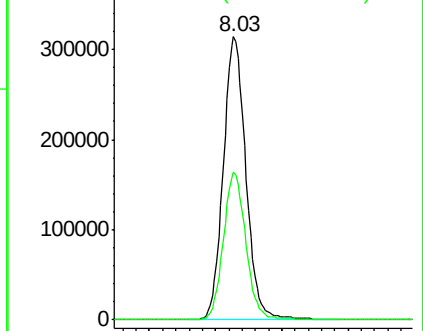
65 100

67 51.5 0.0 104.6

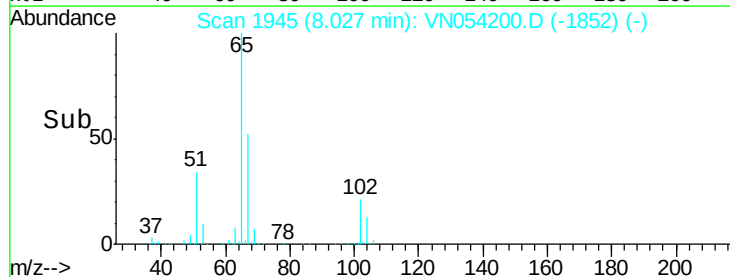


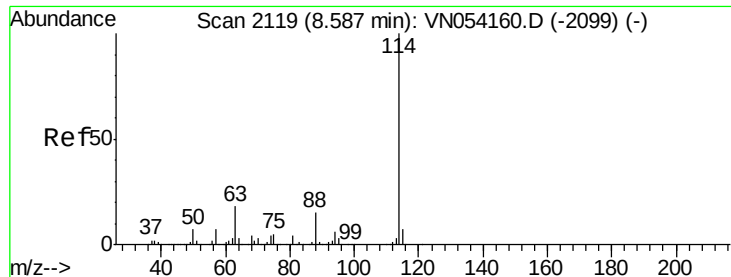
Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

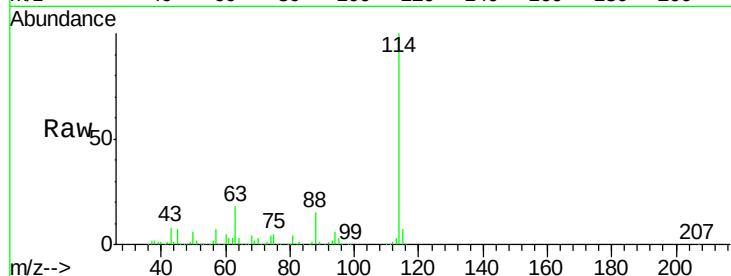
Tot Ion:114 Resp: 2260143

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

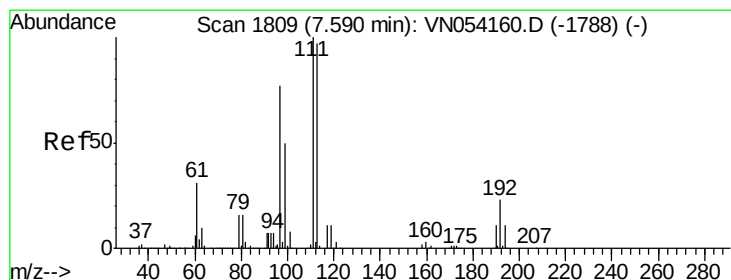
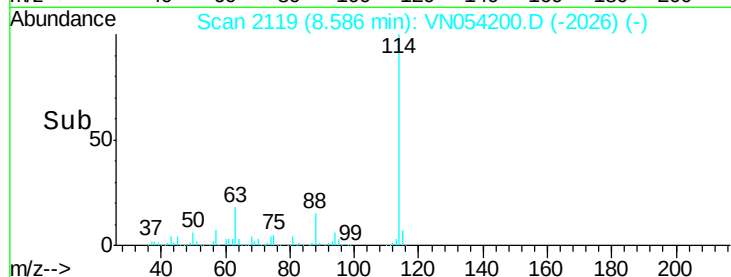
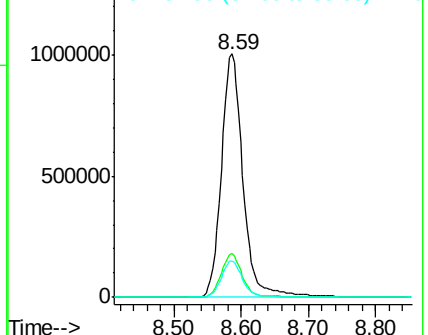
88 14.9 0.0 30.2



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: 47.755 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

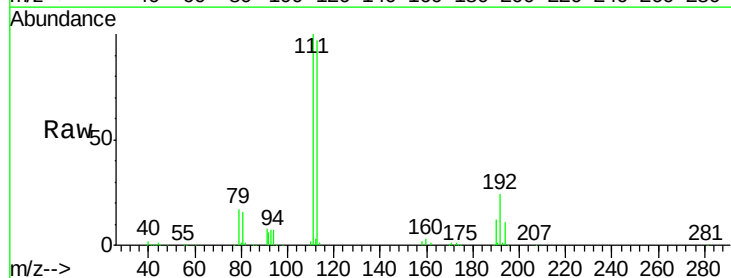
Tgt Ion:113 Resp: 696125

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

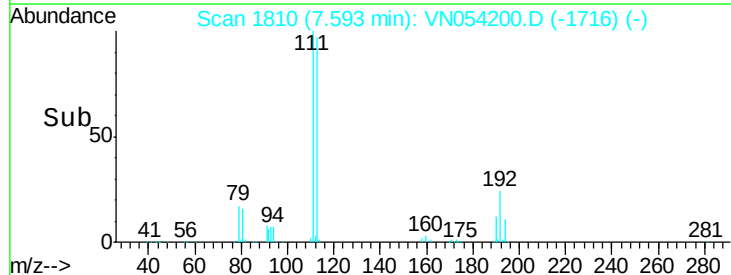
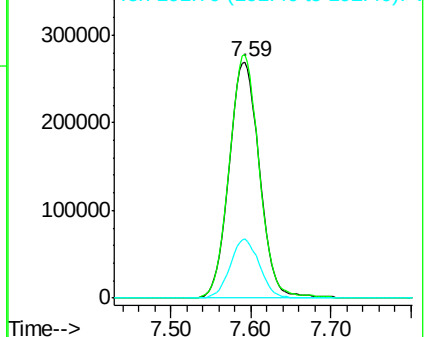
192 24.1 19.2 28.8

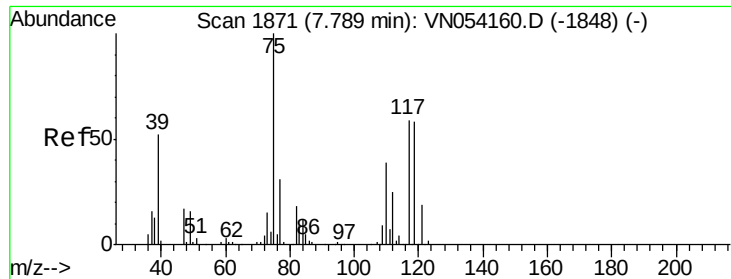


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

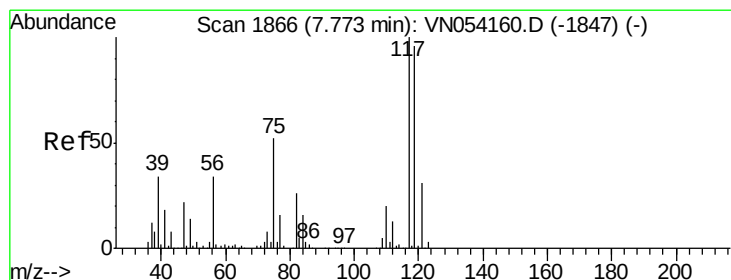
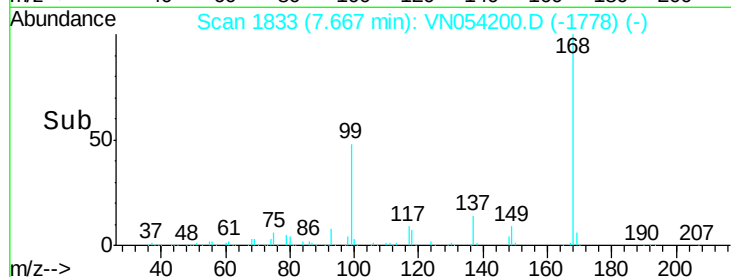
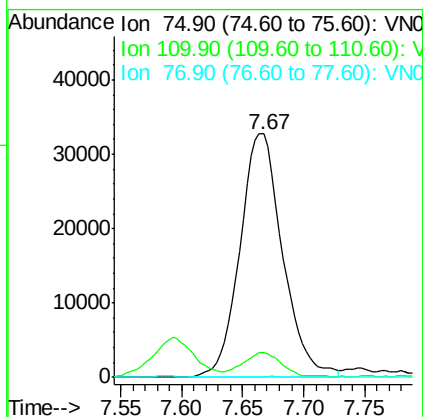
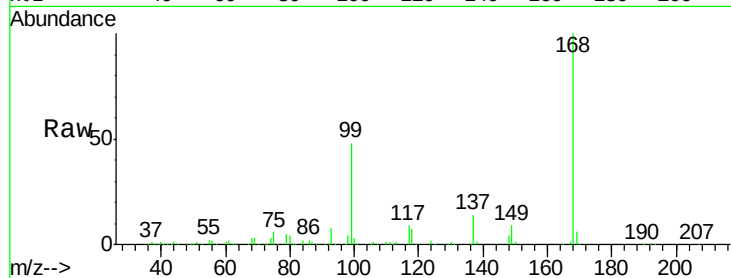




#36
 1,1-Dichloropropene
 Concen: 3.808 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

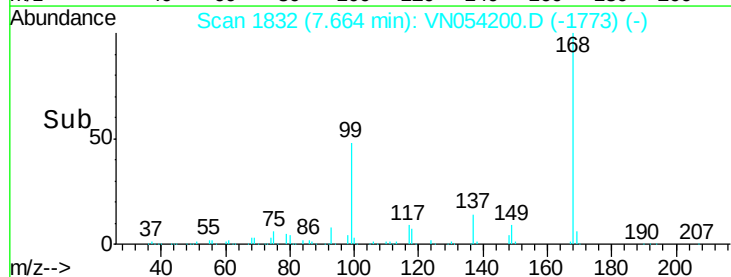
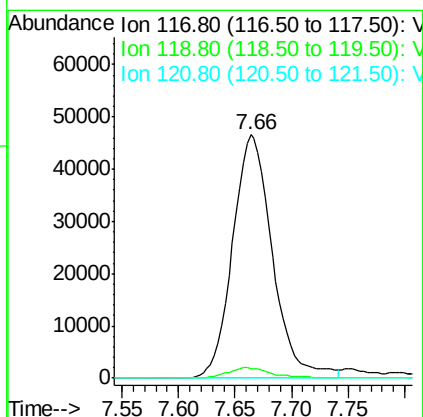
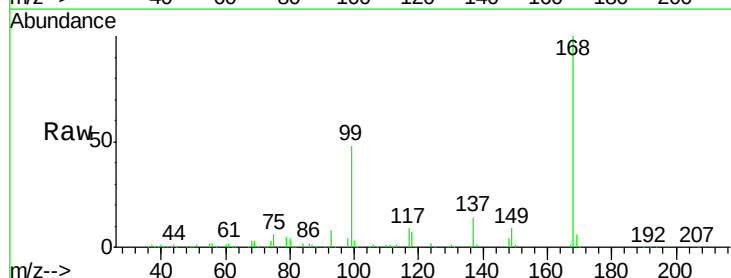
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-C

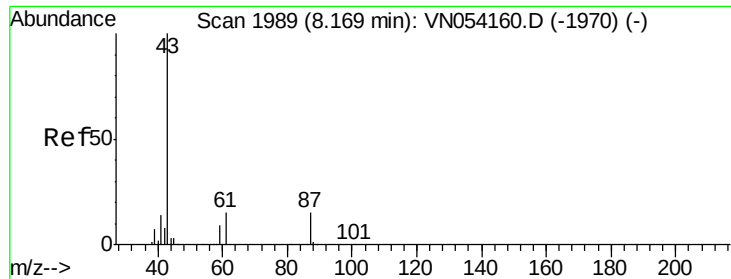
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.218 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.275 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

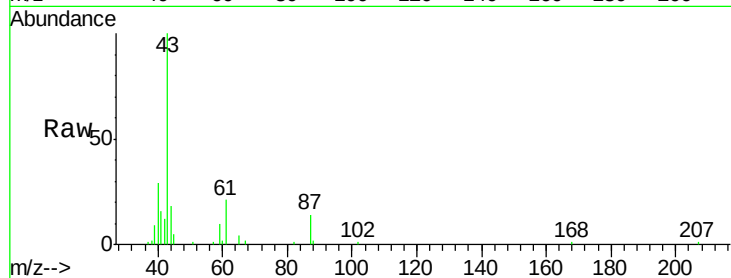
Tot Ion: 43 Resp: 47764

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.8

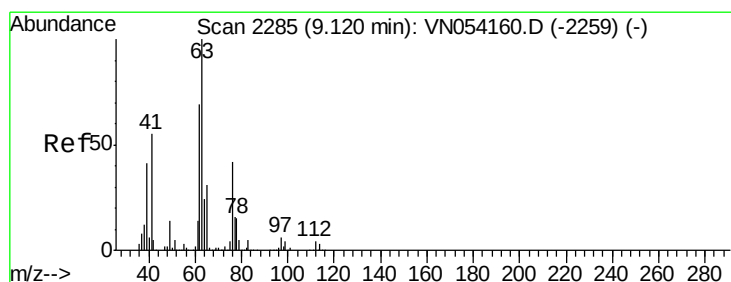
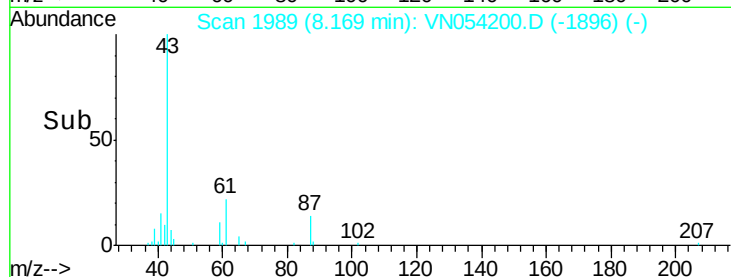
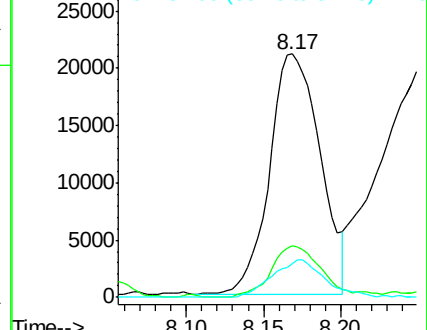
87 16.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054200.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054200.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054200.D (-1896) (-)



#45

1,2-Dichloropropane

Concen: 0.299 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054200.D

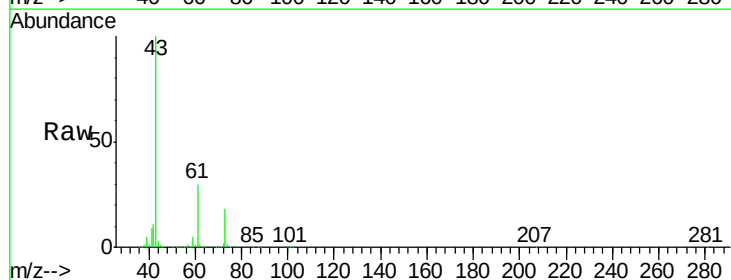
Acq: 13 Mar 2019 8:19

Tgt Ion: 63 Resp: 4426

Ion Ratio Lower Upper

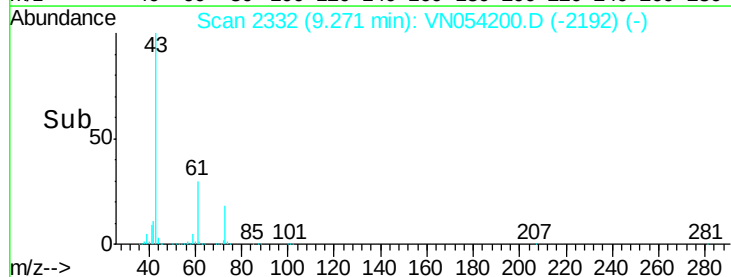
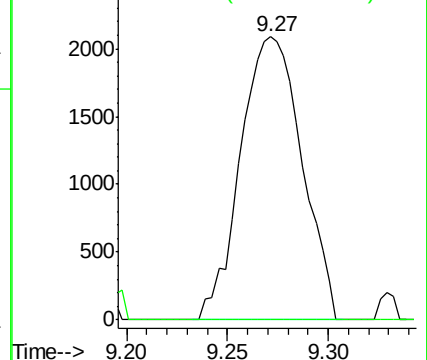
63 100

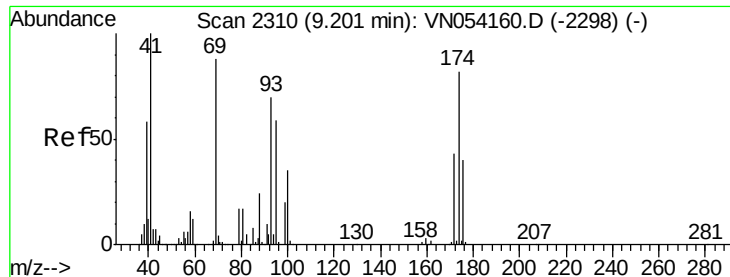
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN054200.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054200.D (-2192) (-)

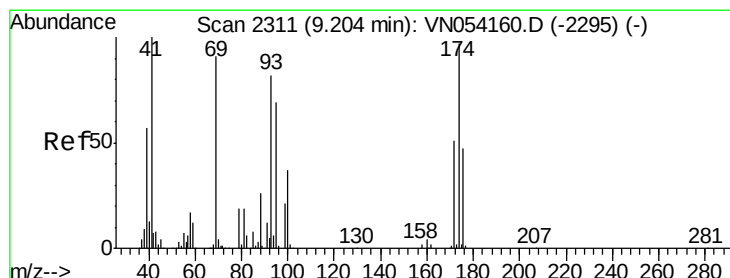
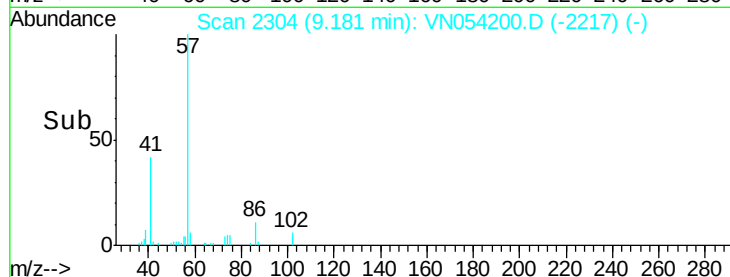
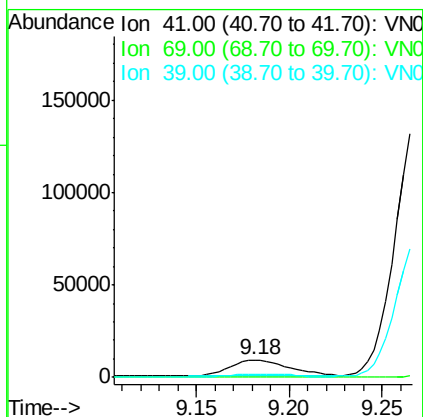
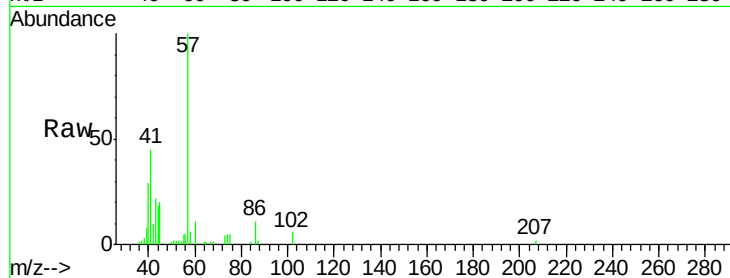




#48
Methvl methacrylate
Concen: 1.857 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

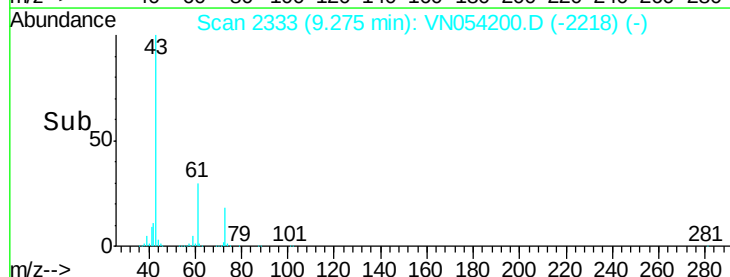
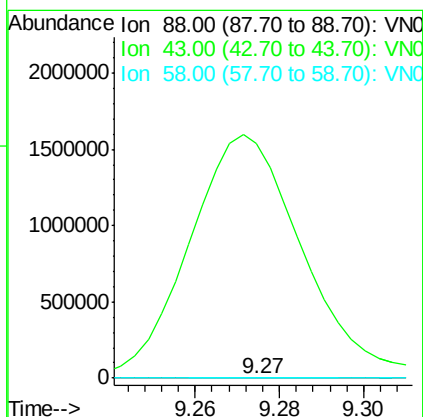
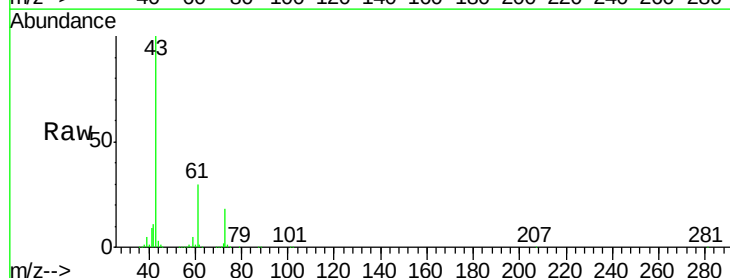
Instrument :
MSVOA_N
ClientSampled :
HR-06-031119-C

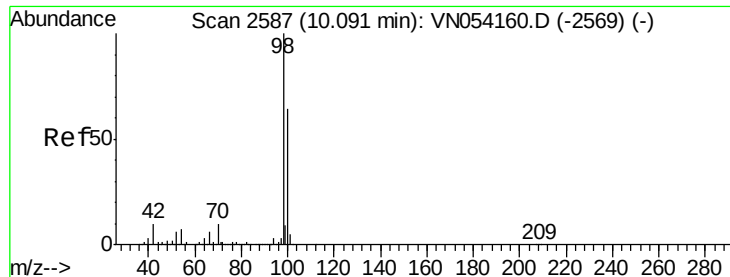
Tot Ion: 41 Resp: 19788
Ion Ratio Lower Upper
41 100
69 0.2 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 1.852 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 88 Resp: 279
Ion Ratio Lower Upper
88 100
43 1133614.7 24.1 36.1#
58 4672.4 50.8 76.2#





#50

Toluene-d8

Concen: 52.324 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

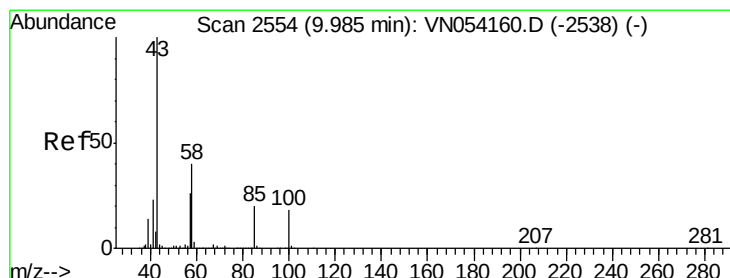
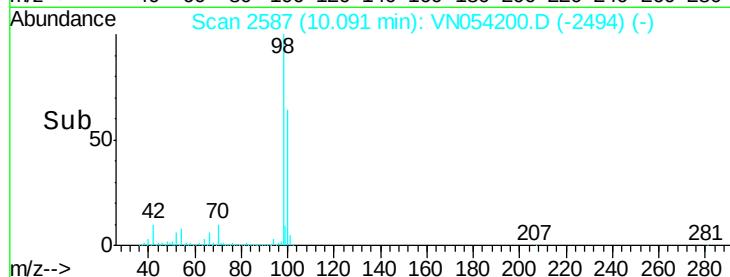
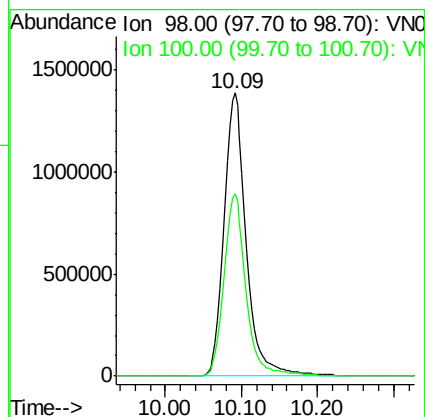
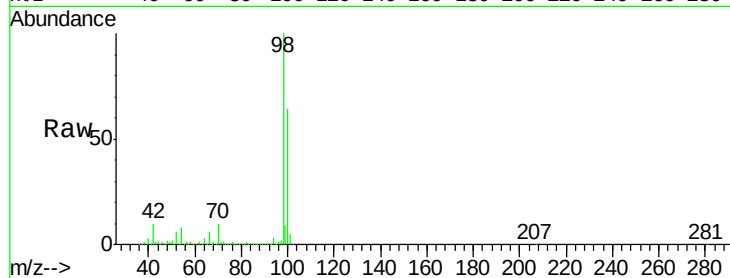
HR-06-031119-C

Tot Ion: 98 Resp: 2816853

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.617 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054200.D

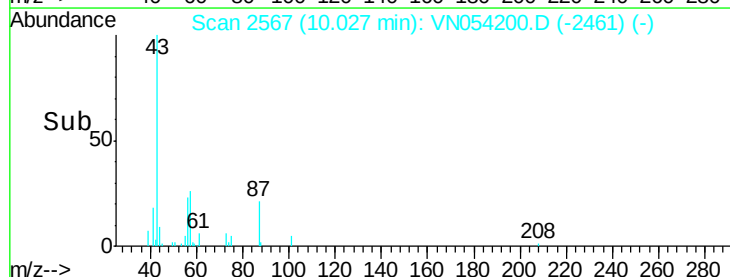
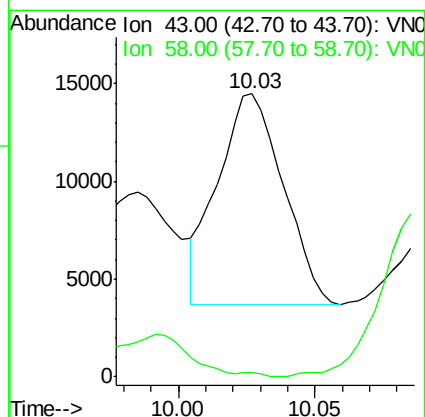
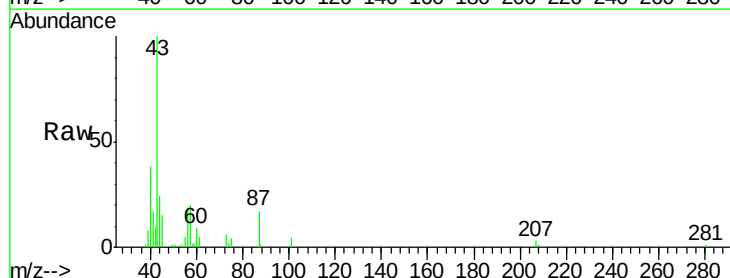
Acq: 13 Mar 2019 8:19

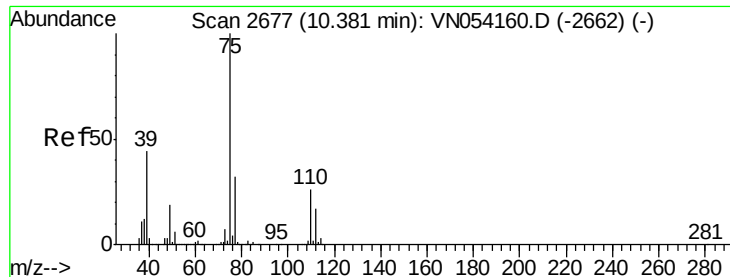
Tgt Ion: 43 Resp: 17963

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.989 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

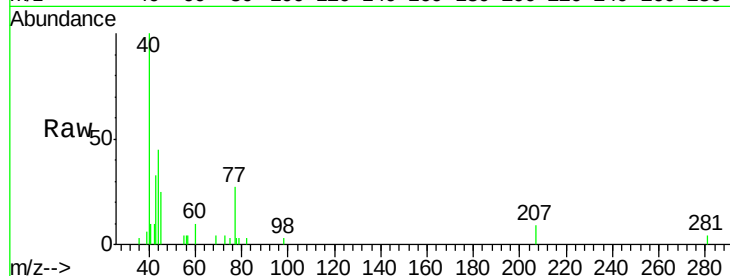
HR-06-031119-C

Tot Ion: 75 Resp: 72

Ion Ratio Lower Upper

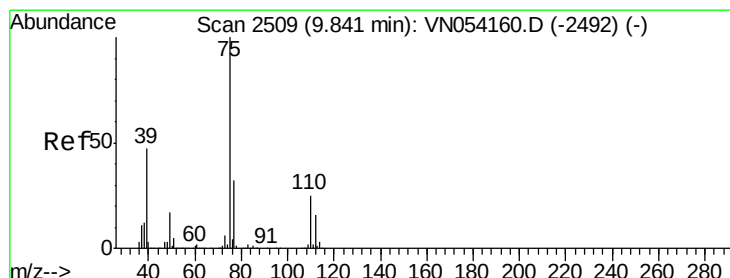
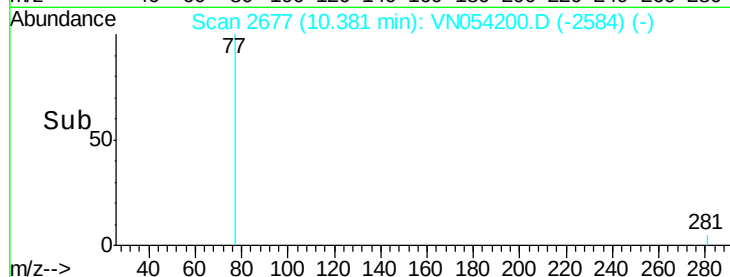
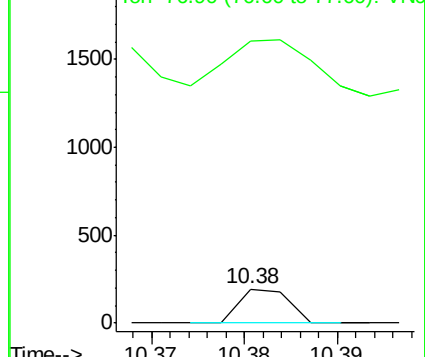
75 100

77 130.6 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: 6.699 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

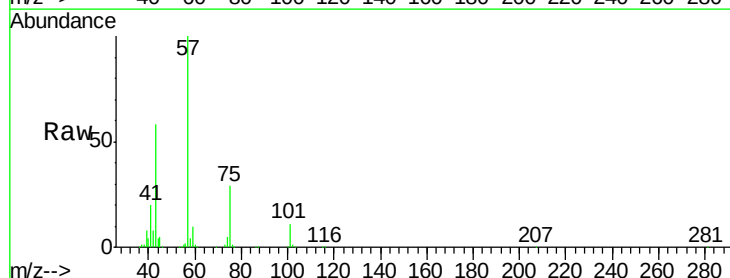
Tgt Ion: 75 Resp: 156392

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

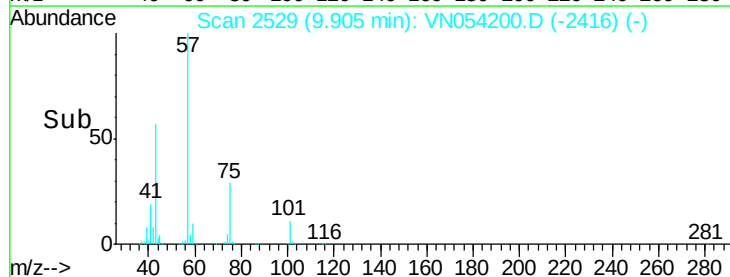
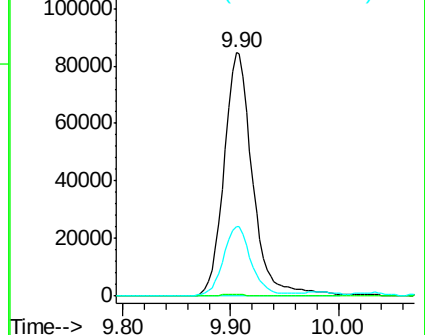
39 28.5 37.2 55.8#

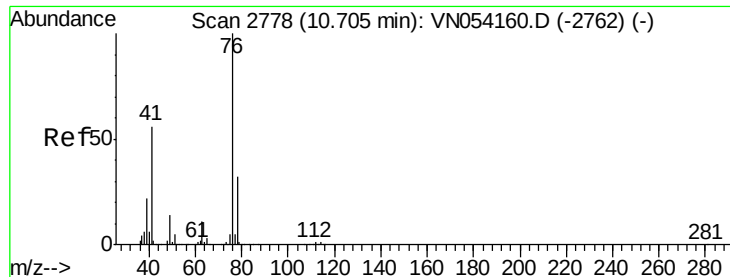


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.320 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

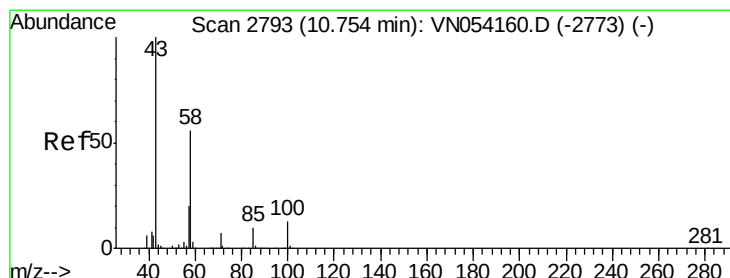
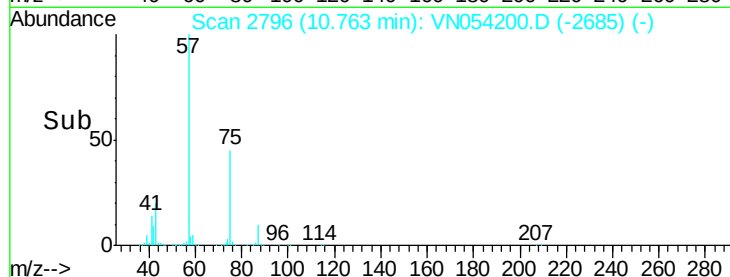
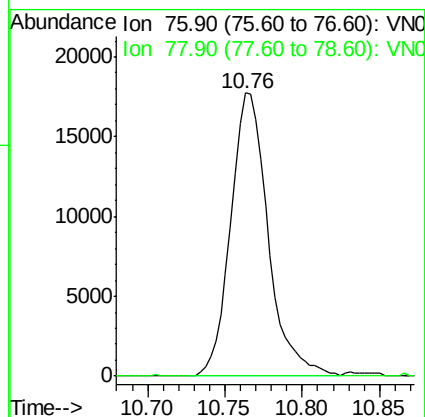
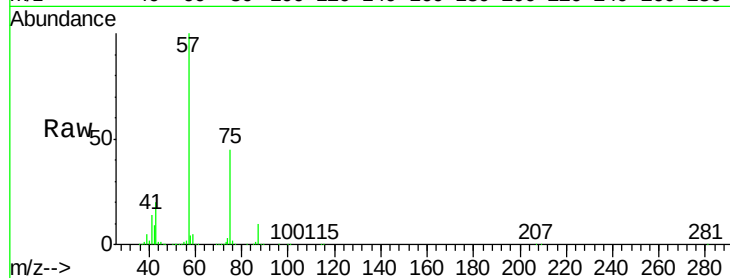
HR-06-031119-C

Tot Ion: 76 Resp: 29764

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 53.940 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054200.D

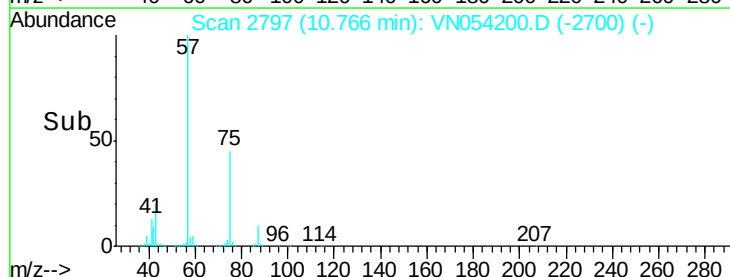
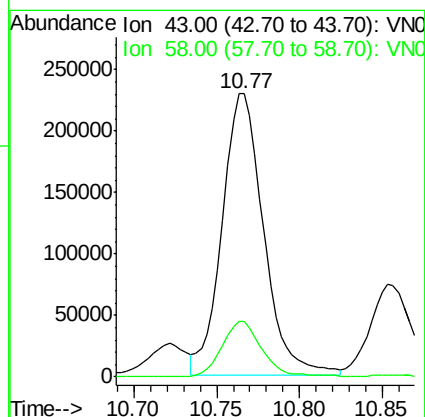
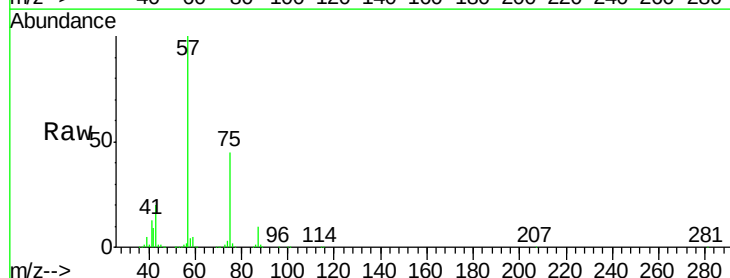
Acq: 13 Mar 2019 8:19

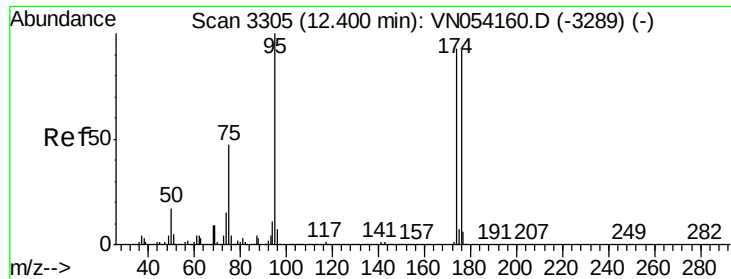
Tgt Ion: 43 Resp: 398729

Ion Ratio Lower Upper

43 100

58 19.2 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 61.014 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

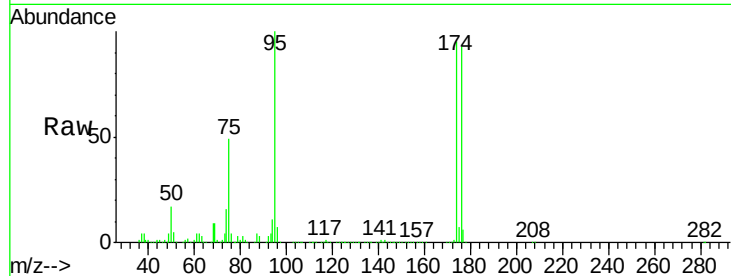
Tot Ion: 95 Resp: 1149309

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

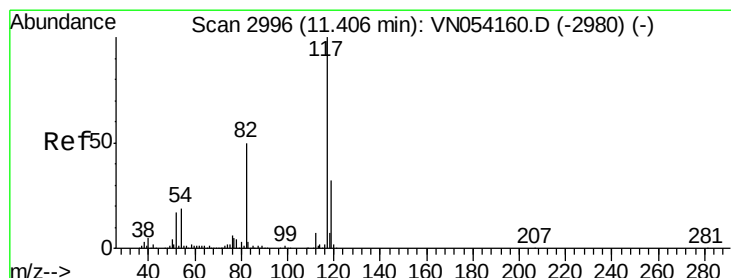
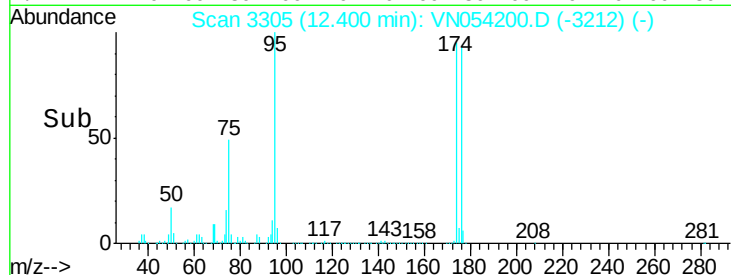
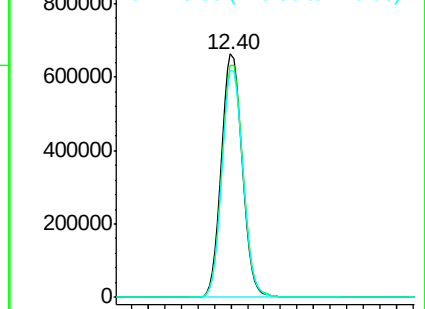
176 94.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054200.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054200.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054200.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

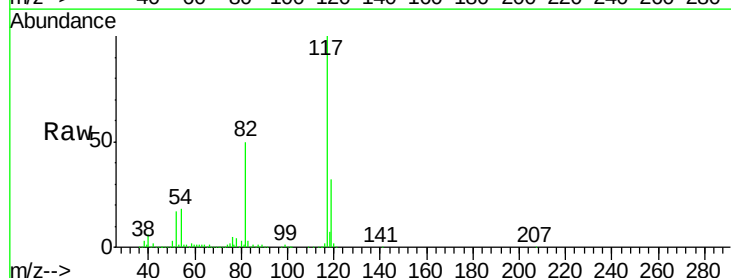
Tgt Ion: 117 Resp: 2414616

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

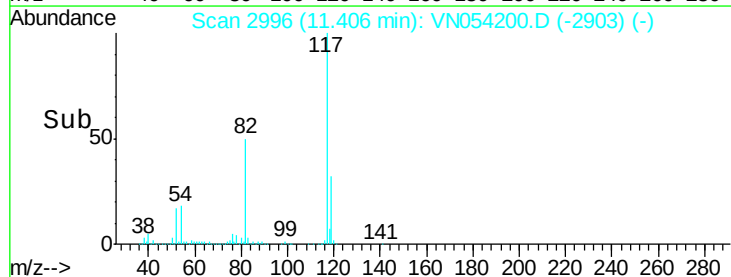
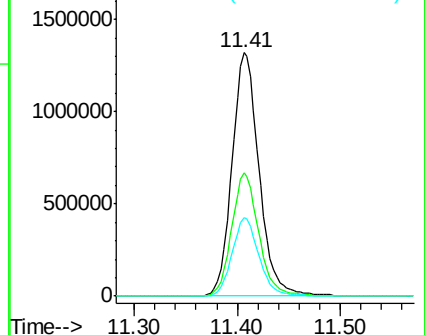
119 32.3 25.8 38.6

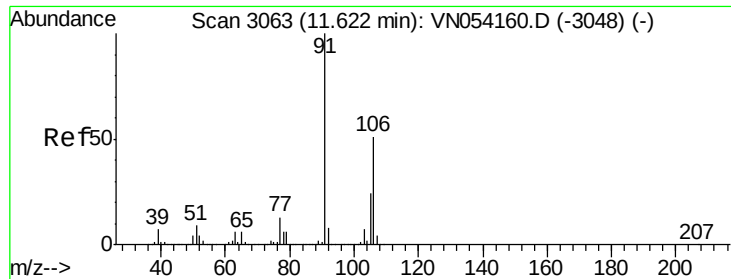


Abundance Ion 116.90 (116.60 to 117.60): VN054200.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054200.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054200.D (-2903) (-)

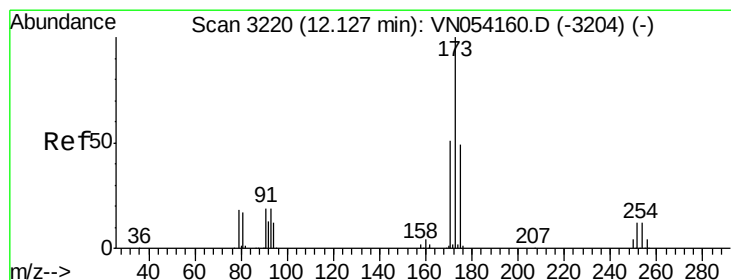
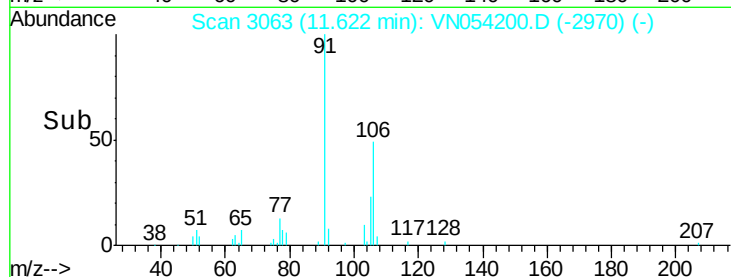
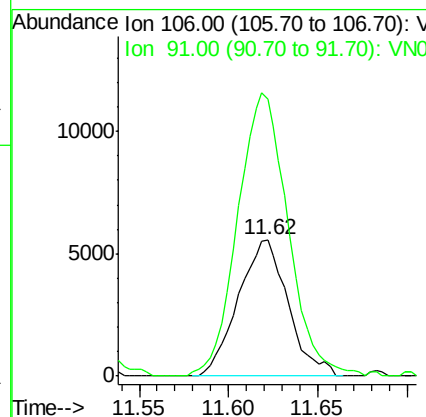
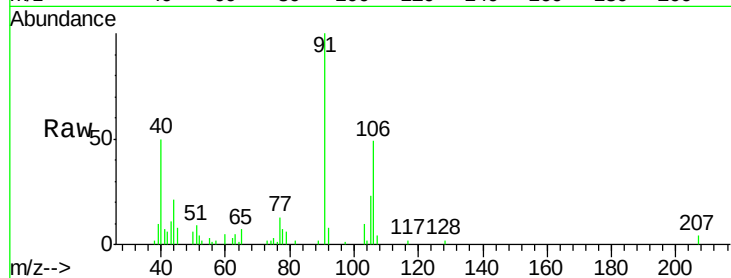




#68
m/p-Xvlenes
Concen: 0.316 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

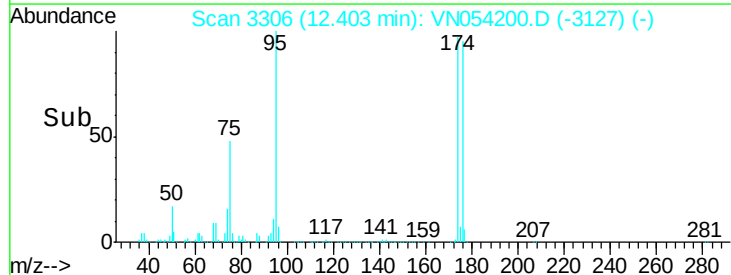
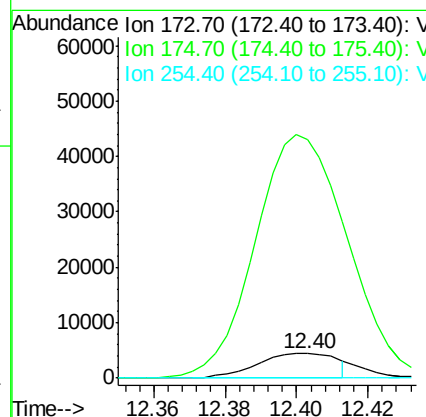
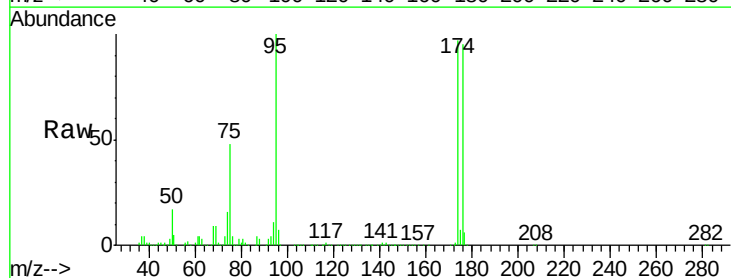
Instrument :
MSVOA_N
ClientSampleId :
HR-06-031119-C

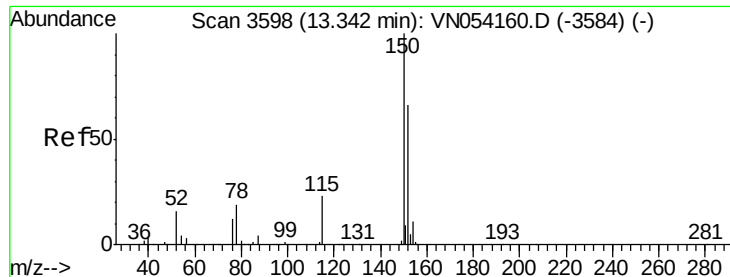
Tot Ion:106 Resp: 10867
Ion Ratio Lower Upper
106 100
91 209.7 159.4 239.2



#71
Bromoform
Concen: 2.799 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion:173 Resp: 6915
Ion Ratio Lower Upper
173 100
175 974.3 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

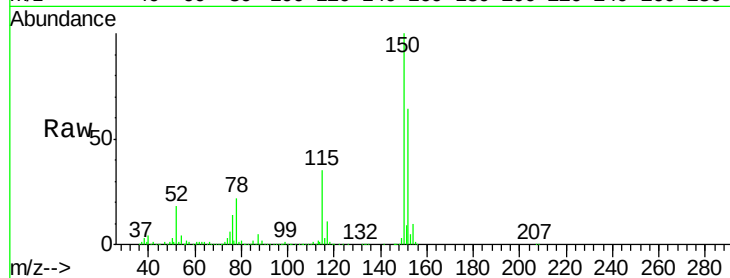
Tot Ion:152 Resp: 1181712

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

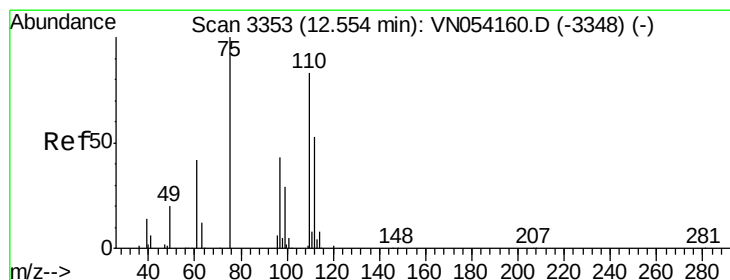
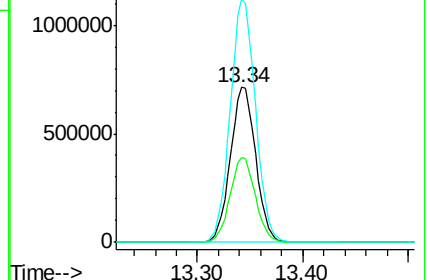
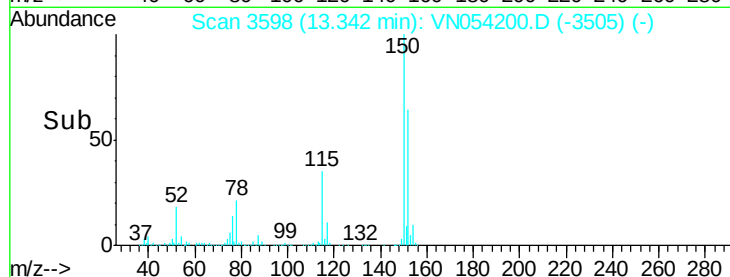
150 156.1 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 31.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054200.D

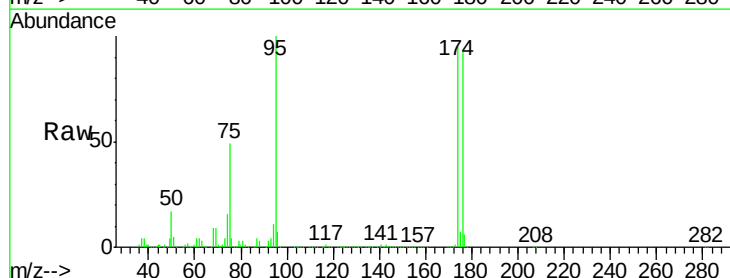
Acq: 13 Mar 2019 8:19

Tgt Ion: 75 Resp: 553956

Ion Ratio Lower Upper

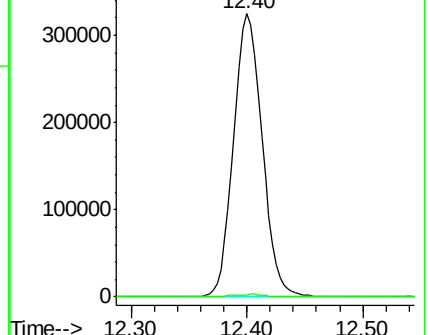
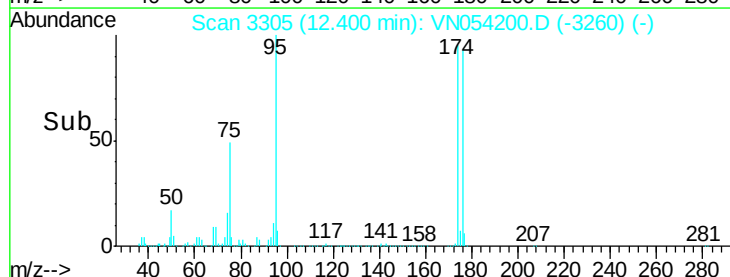
75 100

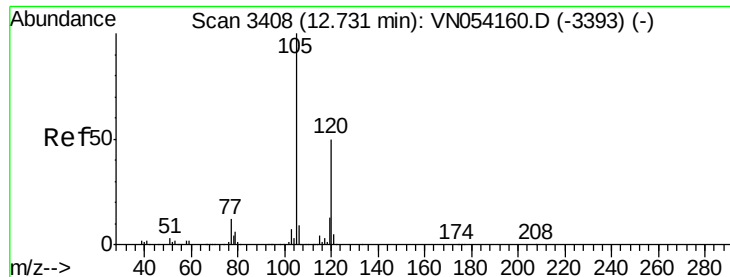
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.591 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

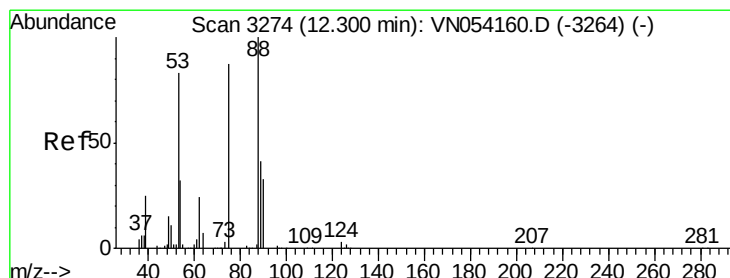
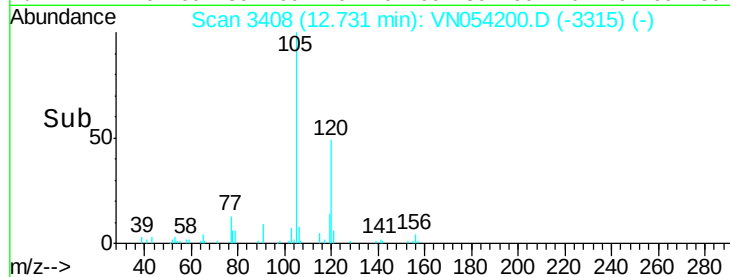
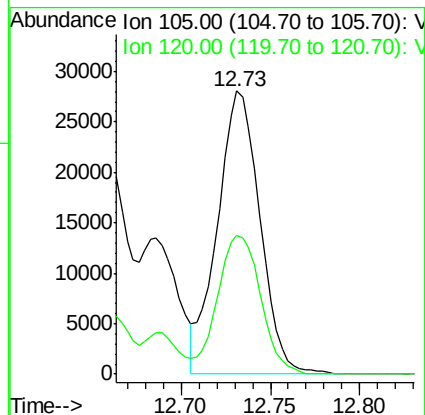
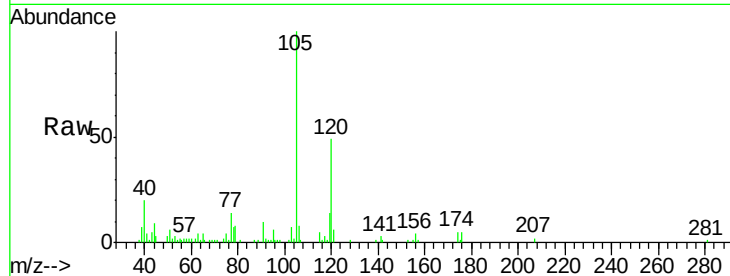
HR-06-031119-C

Tot Ion:105 Resp: 46485

Ion Ratio Lower Upper

105 100

120 49.7 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 108.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

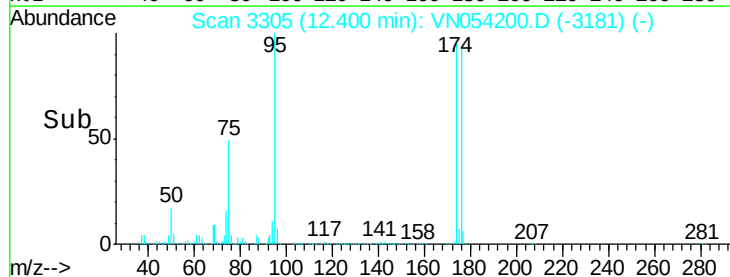
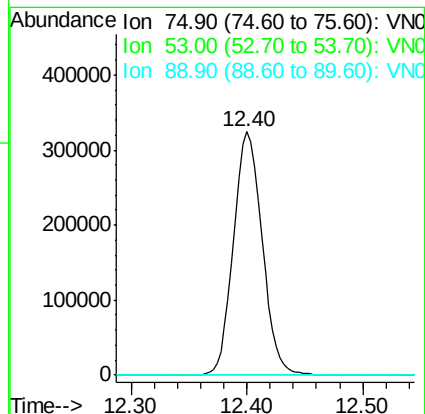
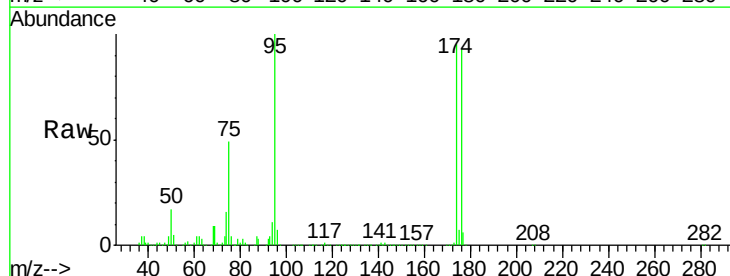
Tgt Ion: 75 Resp: 553956

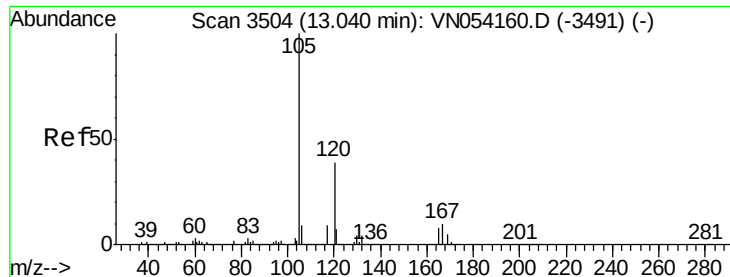
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.159 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

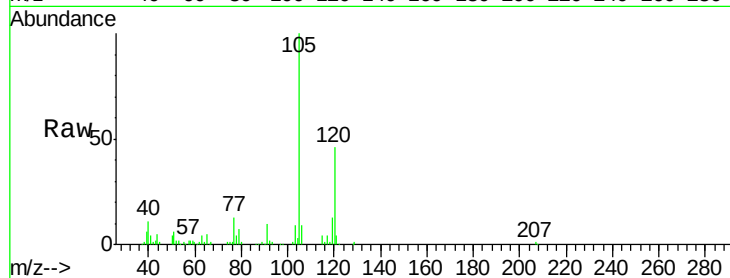
HR-06-031119-C

Tot Ion:105 Resp: 89413

Ion Ratio Lower Upper

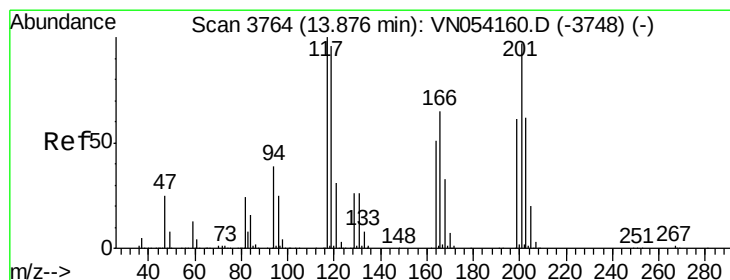
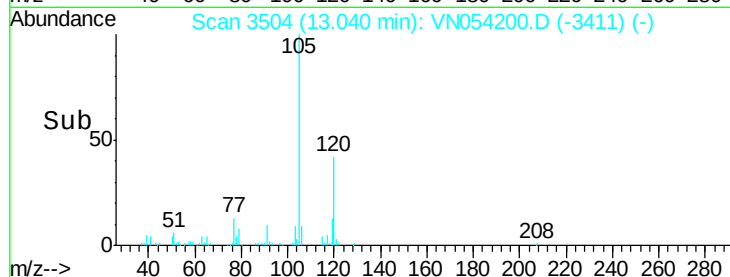
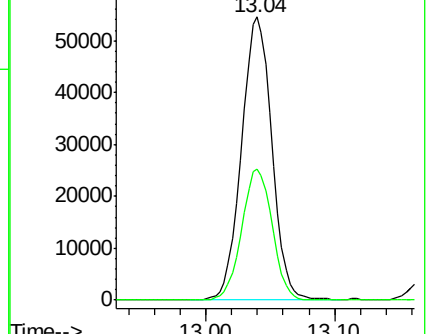
105 100

120 46.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.271 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054200.D

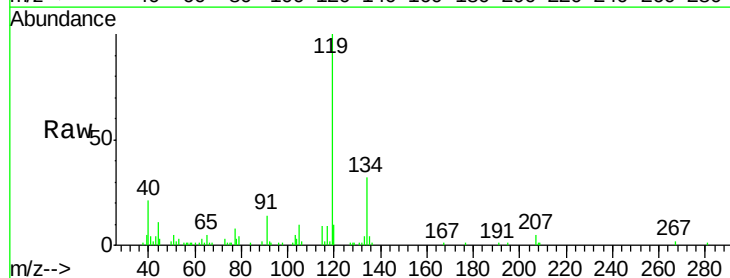
Acq: 13 Mar 2019 8:19

Tgt Ion:117 Resp: 3697

Ion Ratio Lower Upper

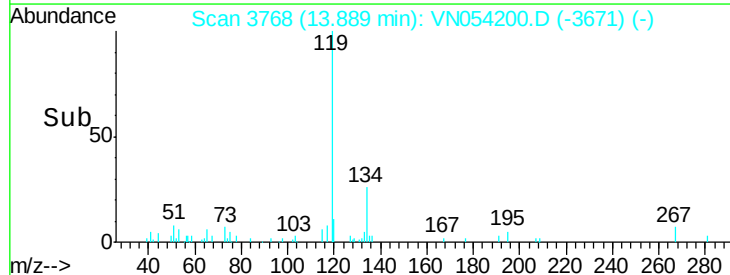
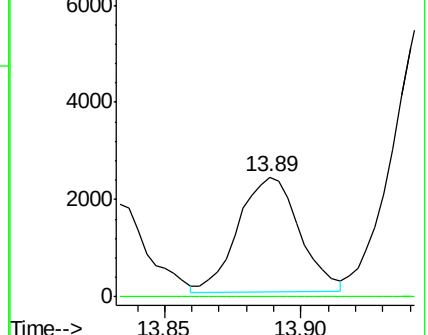
117 100

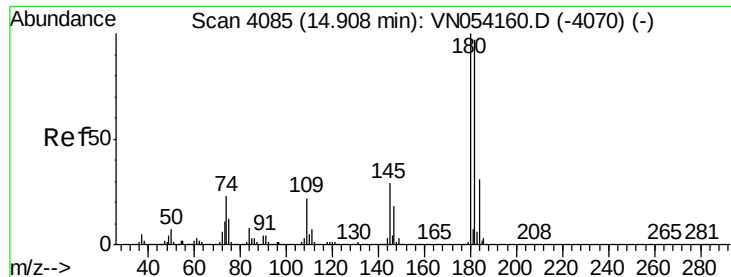
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

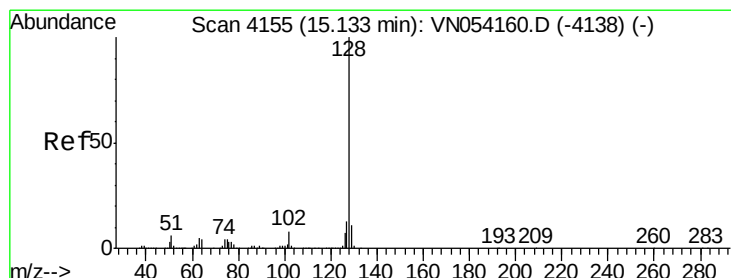
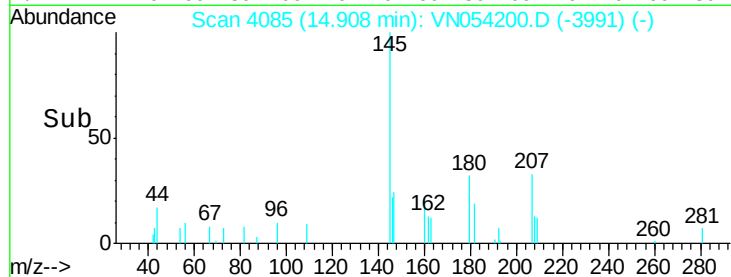
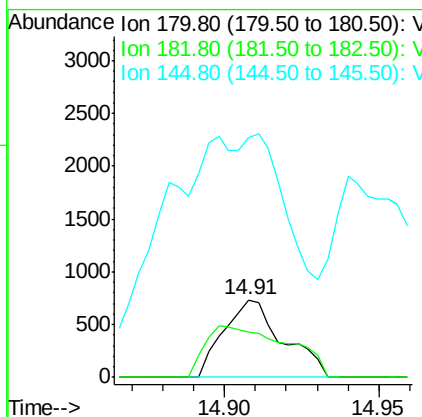
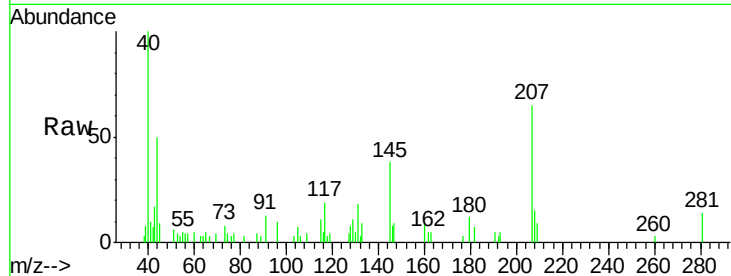




#93
 1,2,4-Trichlorobenzene
 Concen: 2.554 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

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

Tot Ion:180 Resp: 976
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.0 144.2
 145 305.1 14.2 42.8#



#95
 Naphthalene
 Concen: 4.361 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

Tgt Ion:128 Resp: 49657
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.1 15.1
 129 9.5 8.7 13.1

