

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053079.D
 Acq On : 21 Dec 2018 2:09
 Operator : MD\SY
 Sample : J6519-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:40:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1325675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2018297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1796876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	768019	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	632766	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	7.59	113	561772	60.93	ug/l	0.00
Spiked Amount			Recovery	=	121.86%	
50) Toluene-d8	10.09	98	2451948	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	822086	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

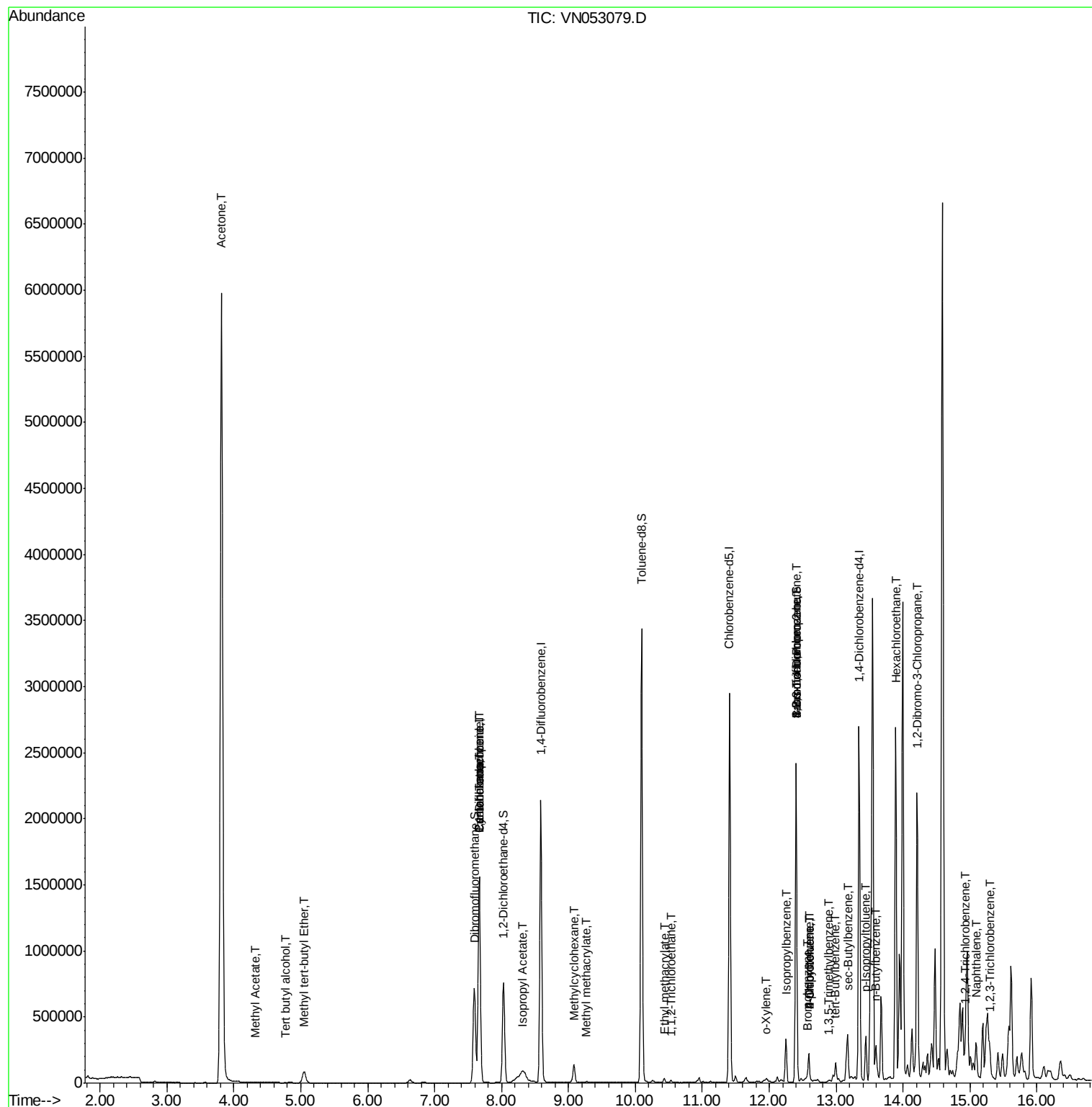
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	1336	1.628	ug/l #	74
16) Acetone	3.82	43	9934760	3766.408	ug/l	96
18) Methyl Acetate	4.32	43	684	1.048	ug/l #	81
19) Methyl tert-butyl Ether	5.05	73	148379	4.388	ug/l	97
31) Cyclohexane	7.66	56	75944	2.258	ug/l #	59
36) 1,1-Dichloropropene	7.66	75	86758	4.478	ug/l #	50
38) Carbon Tetrachloride	7.67	117	113763	6.407	ug/l #	15
39) Methylcyclohexane	9.08	83	62836	2.670	ug/l	98
43) Isopropyl Acetate	8.32	43	152343	6.368	ug/l #	53
48) Methyl methacrylate	9.27	41	3119	0.297	ug/l #	66
55) 1,1,2-Trichloroethane	10.53	97	6482	0.520	ug/l #	18
56) Ethyl methacrylate	10.43	69	3819	0.232	ug/l #	19
69) o-Xylene	11.95	106	5775	0.231	ug/l	88
71) Bromoform	12.40	173	5043	0.504	ug/l #	1
73) Isopropylbenzene	12.25	105	221816	3.691	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	381839	29.534	ug/l #	100
77) Bromobenzene	12.56	156	27617	1.768	ug/l #	1
78) n-propylbenzene	12.59	91	160339	2.343	ug/l	99
79) 2-Chlorotoluene	12.59	91	160339	3.780	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.89	105	10099	0.206	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.40	75	381839	95.191	ug/l #	12
82) 4-Chlorotoluene	12.59	91	160339	3.861	ug/l #	40
83) tert-Butylbenzene	12.99	119	69393	1.602	ug/l	98
85) sec-Butylbenzene	13.17	105	235809	4.025	ug/l	81
86) p-Isopropyltoluene	13.44	119	200888	3.968	ug/l	97
89) n-Butylbenzene	13.59	91	12208	0.280	ug/l #	1
90) Hexachloroethane	13.89	117	134705	17.338	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	8747	4.291	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	498	0.632	ug/l #	79
95) Naphthalene	15.09	128	3984	1.276	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.31	180	499	0.548	ug/l #	70

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

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

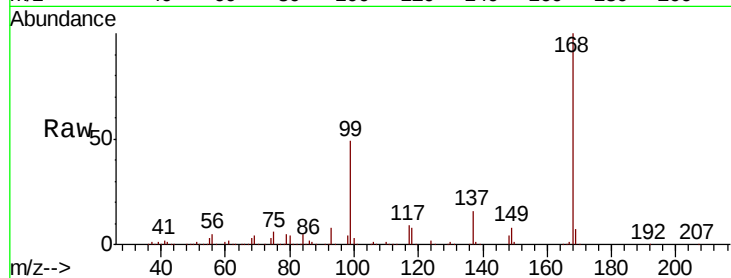
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1325675

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

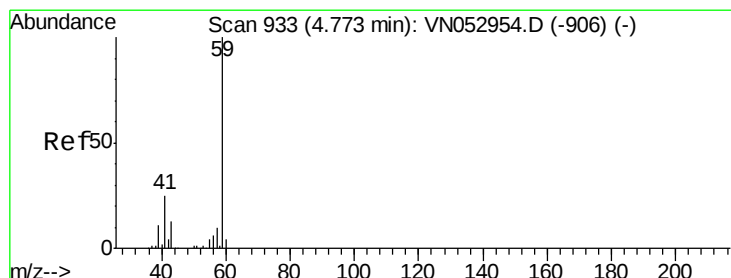
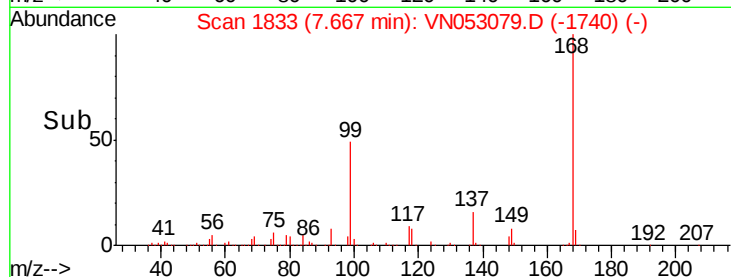
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.628 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN053079.D

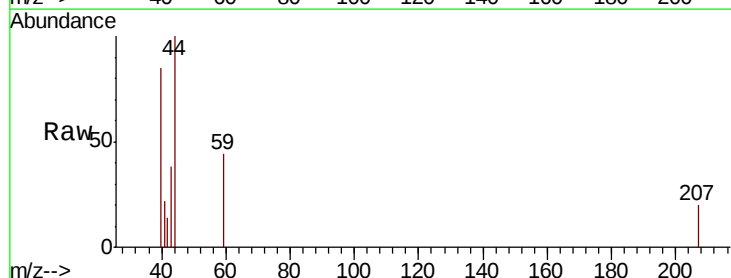
Acq: 21 Dec 2018 2:09

Tgt Ion: 59 Resp: 1336

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

500

400

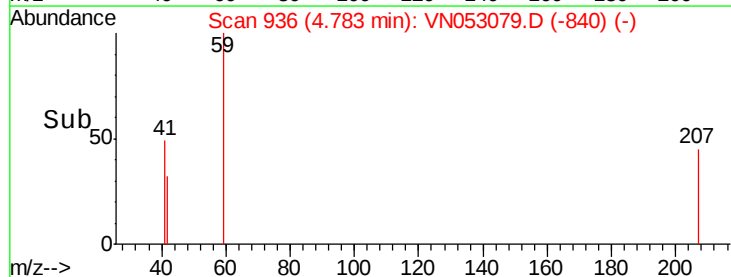
300

200

100

0

Time-->





#16

Acetone

Concen: 3766.408 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

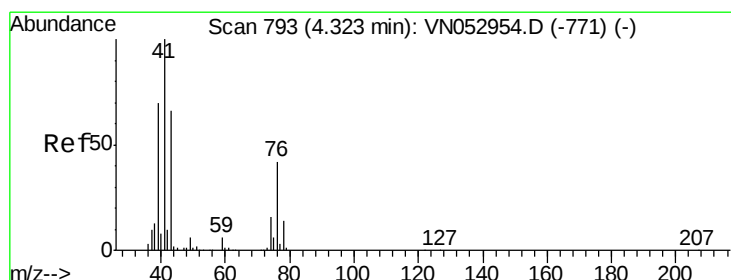
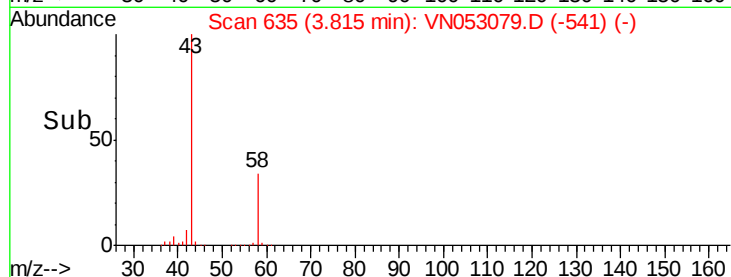
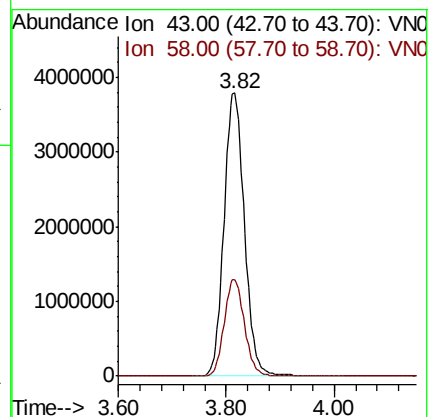
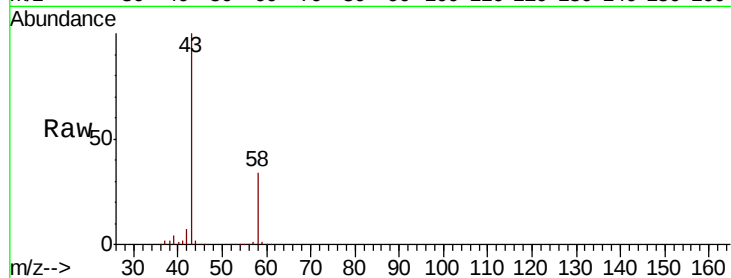
ClientSampled :

Tot Ion: 43 Resp: 9934760

Ion Ratio Lower Upper

43 100

58 34.1 25.4 38.0



#18

Methyl Acetate

Concen: 1.048 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.01 min

Lab File: VN053079.D

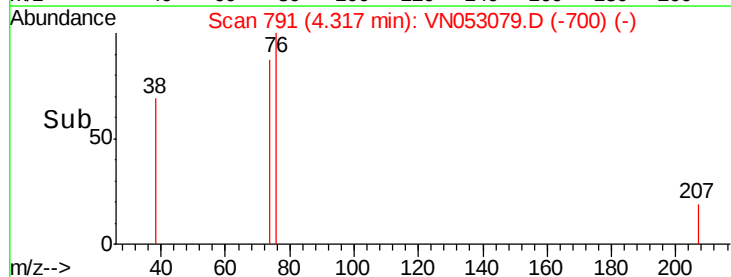
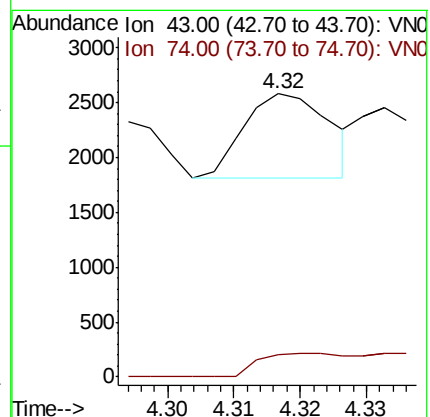
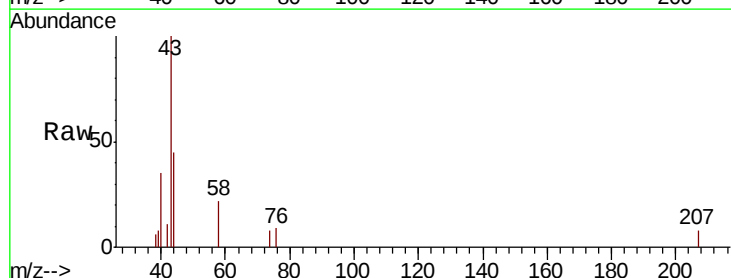
Acq: 21 Dec 2018 2:09

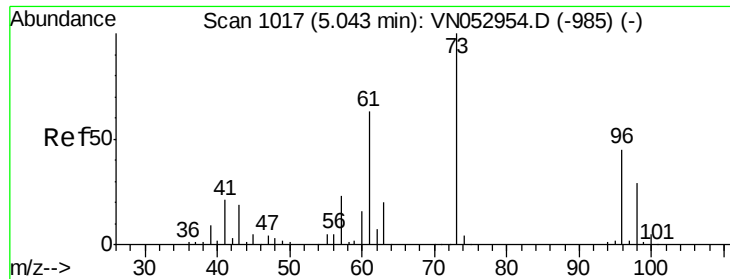
Tgt Ion: 43 Resp: 684

Ion Ratio Lower Upper

43 100

74 33.3 19.2 28.8#



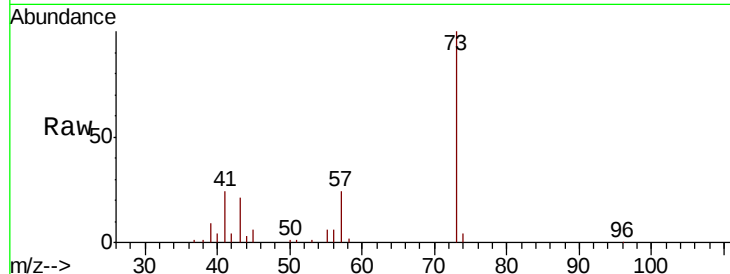


#19

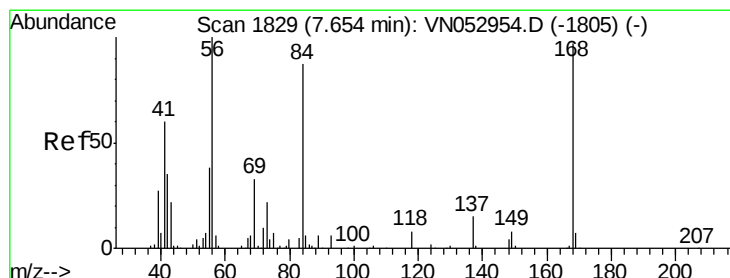
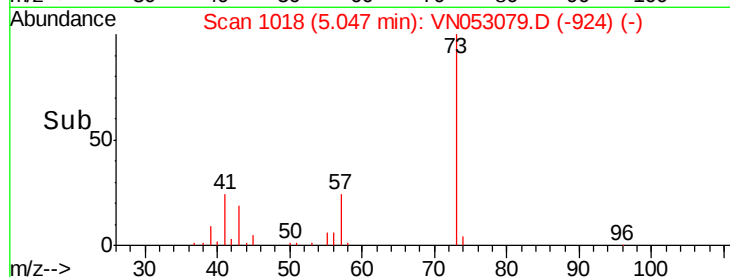
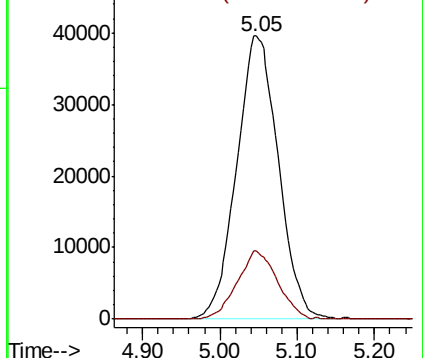
Methvl tert-butvl Ether
 Concen: 4.388 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 73 Resp: 148379
 Ion Ratio Lower Upper
 73 100
 57 24.2 18.4 27.6



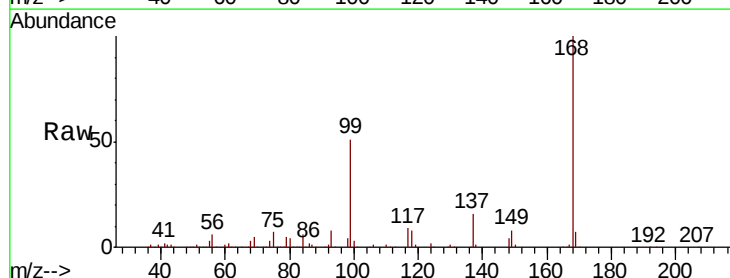
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



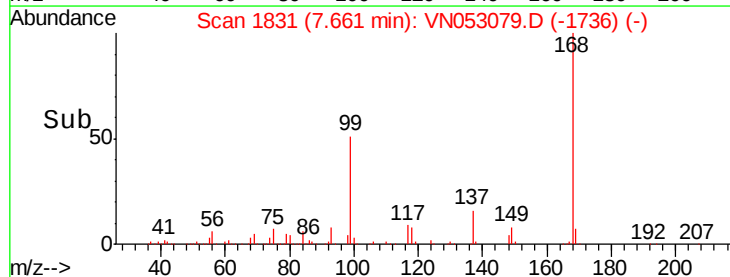
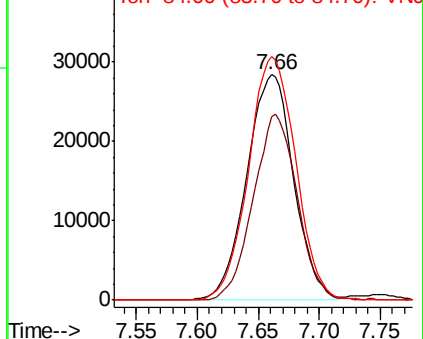
#31

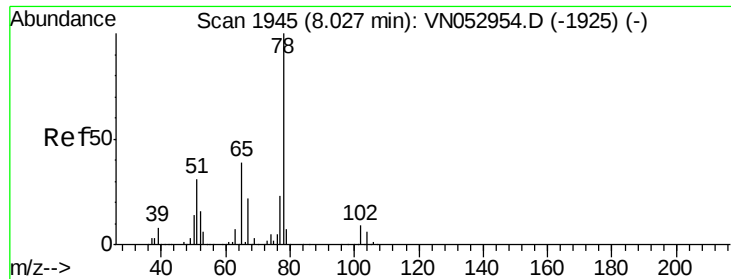
Cyclohexane
 Concen: 2.258 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Tgt Ion: 56 Resp: 75944
 Ion Ratio Lower Upper
 56 100
 69 81.4 26.6 39.8#
 84 108.0 68.4 102.6#



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

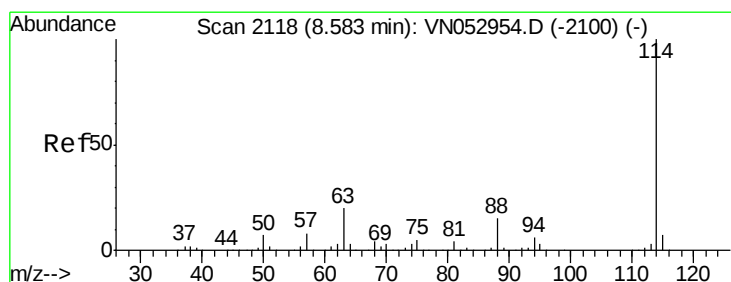
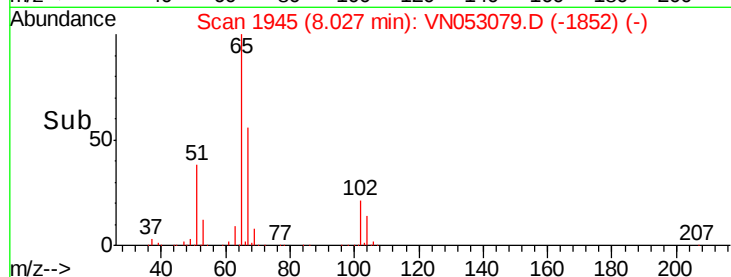
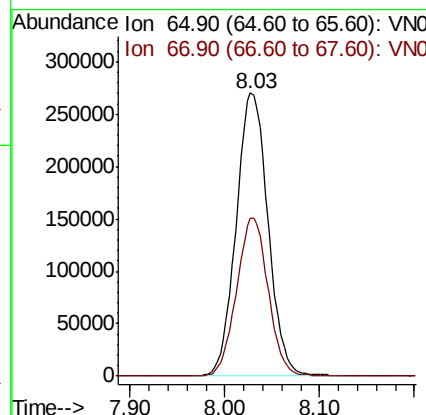
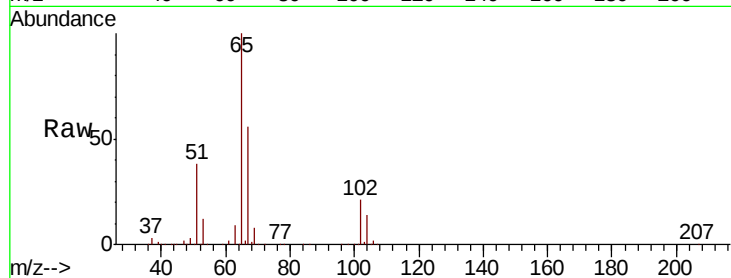




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

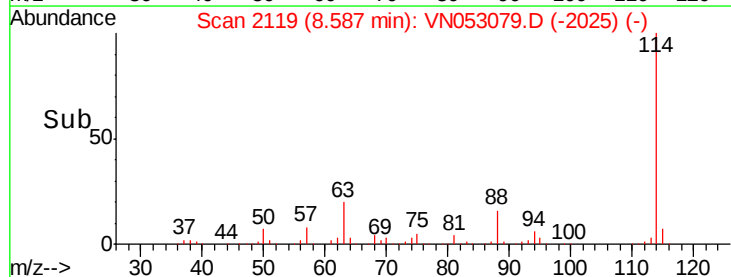
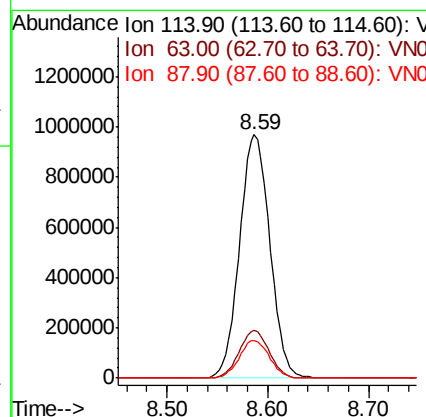
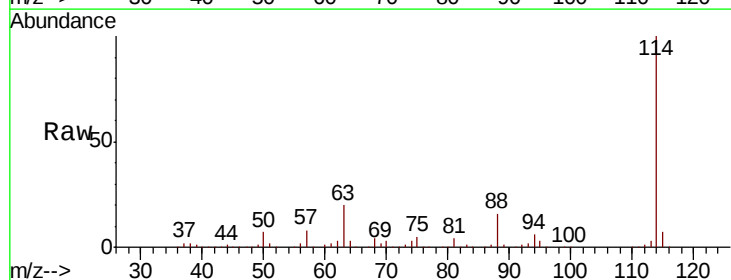
Instrument :
 MSVOA_N
 ClientSampleId :

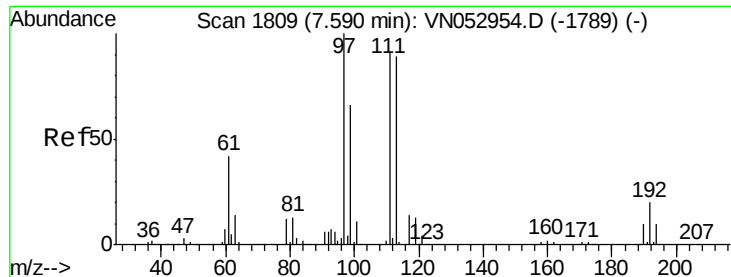
Tot Ion: 65 Resp: 632766
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Tgt Ion: 114 Resp: 2018297
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 31.0

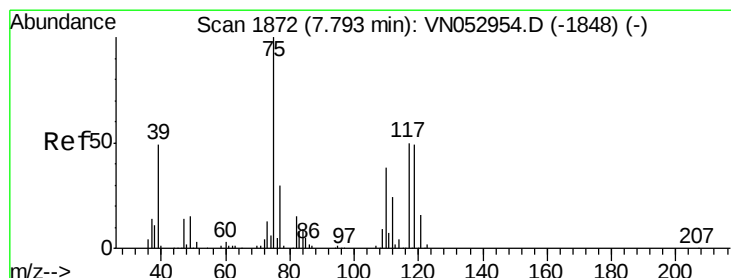
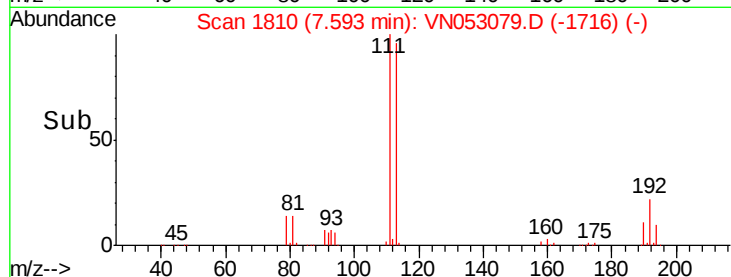
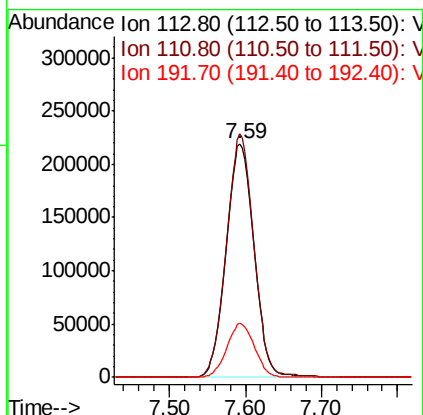
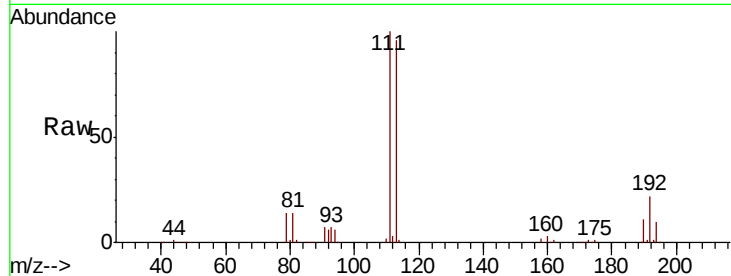




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

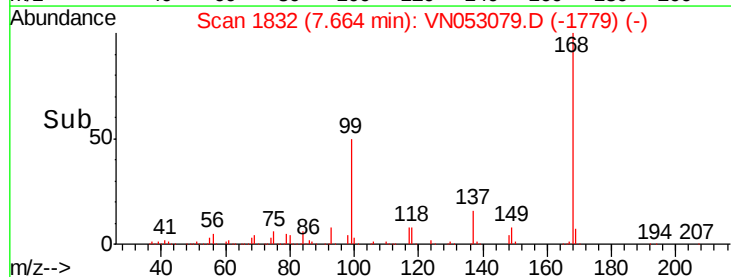
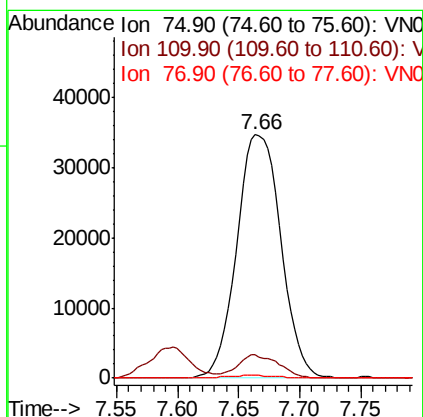
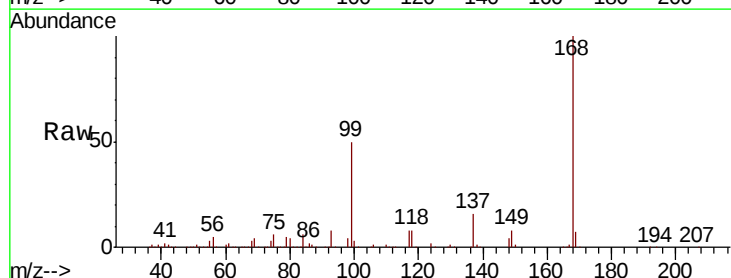
Instrument :
 MSVOA_N
 ClientSampleId :

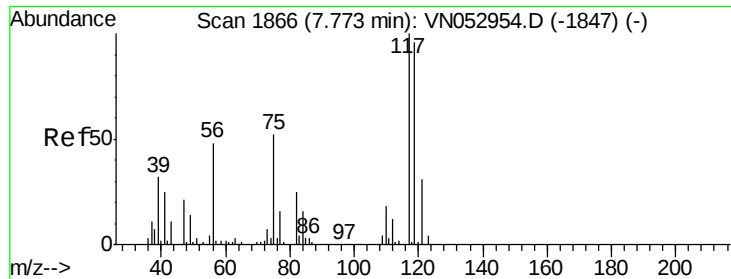
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.8	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.2	54.6#
77	1.1	24.9	37.3#

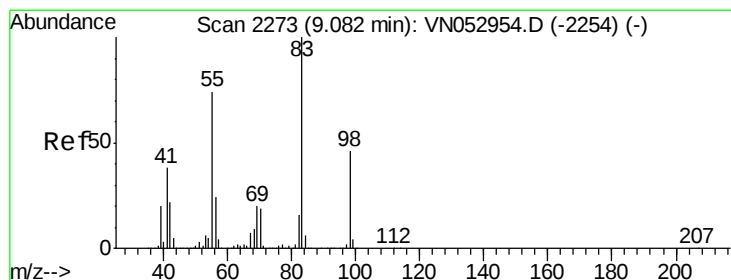
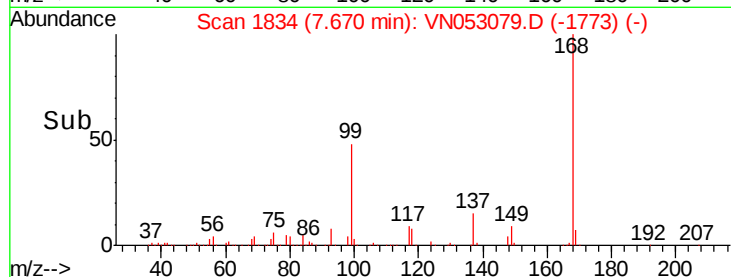
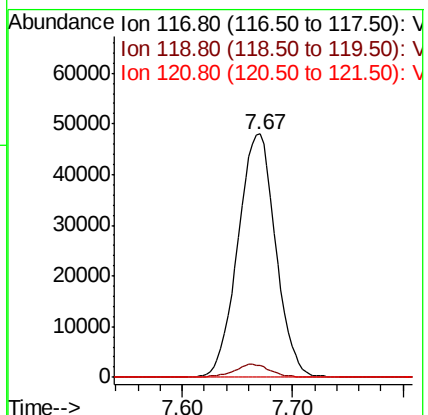
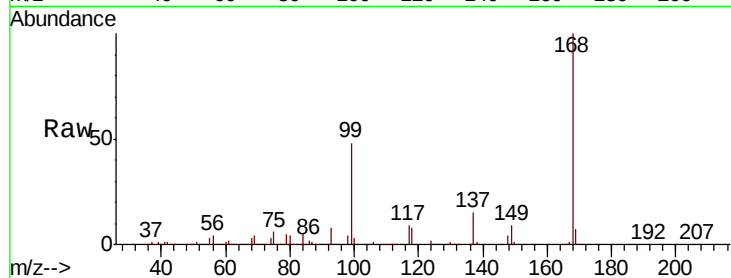




#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

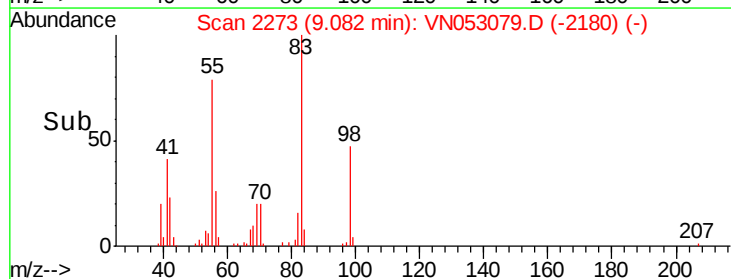
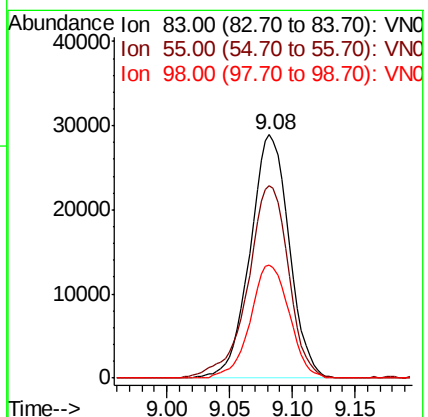
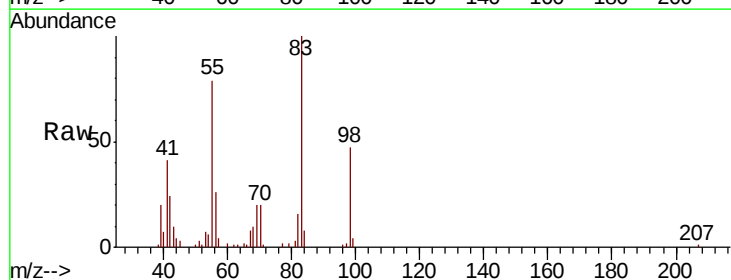
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MSVOA_N
ClientSampleId :

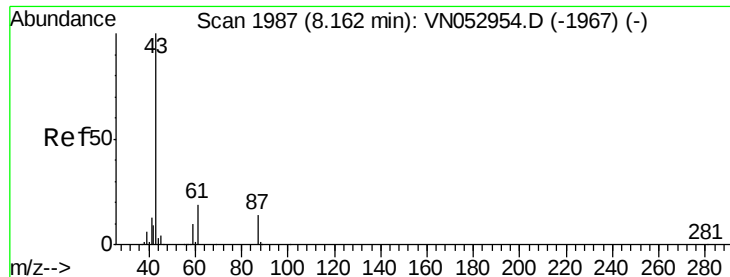
Tot Ion:117 Resp: 113763
Ion Ratio Lower Upper
117 100
119 4.6 77.1 115.7#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 2.670 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 83 Resp: 62836
Ion Ratio Lower Upper
83 100
55 79.1 61.3 91.9
98 46.6 37.0 55.4





#43

Isopropyl Acetate

Concen: 6.368 ug/l

RT: 8.32 min Scan# 2037

Delta R.T. 0.16 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

ClientSampleId :

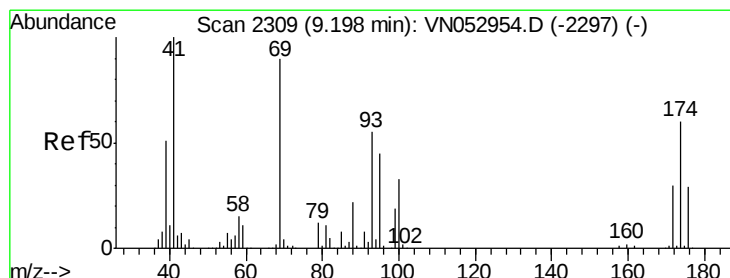
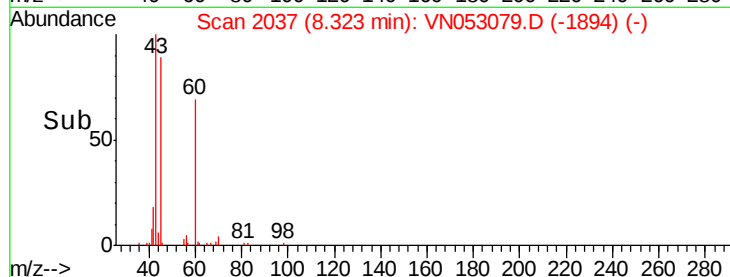
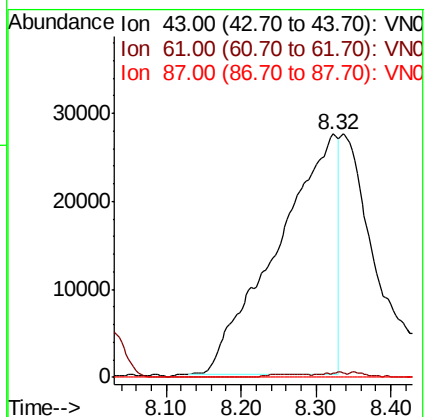
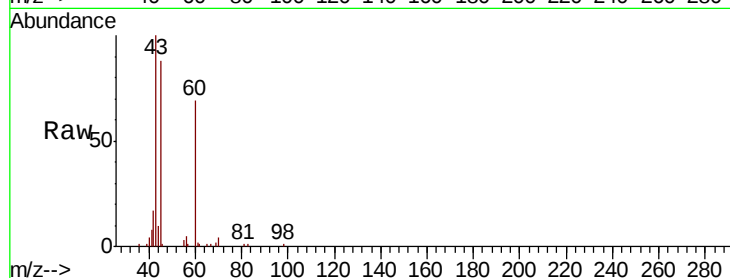
Tot Ion: 43 Resp: 152343

Ion Ratio Lower Upper

43 100

61 0.3 22.9 34.3#

87 0.0 10.6 15.8#



#48

Methyl methacrylate

Concen: 0.297 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.08 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

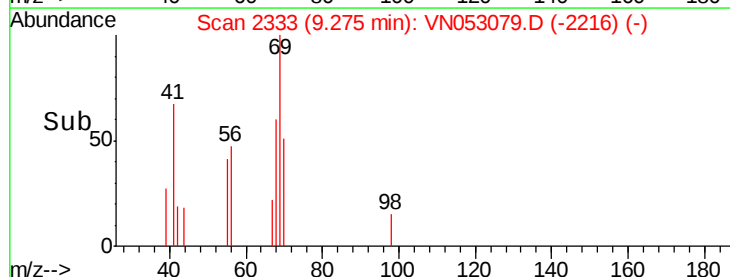
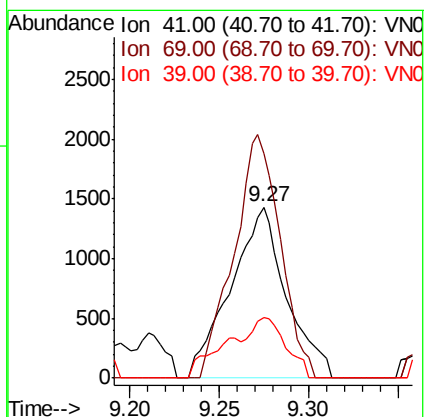
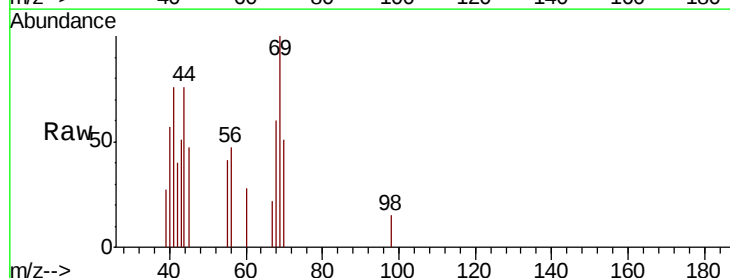
Tgt Ion: 41 Resp: 3119

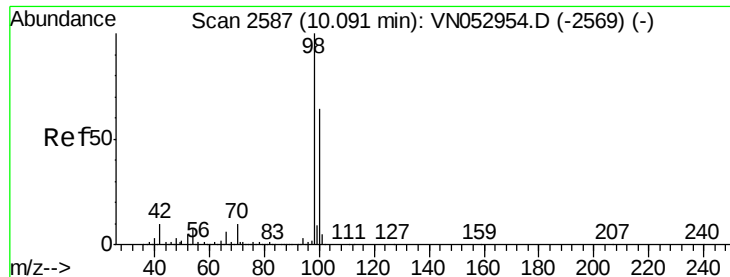
Ion Ratio Lower Upper

41 100

69 118.4 72.2 108.2#

39 23.3 41.9 62.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

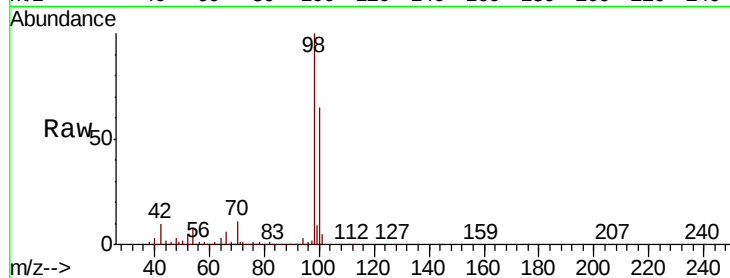
ClientSampled :

Tot Ion: 98 Resp: 2451948

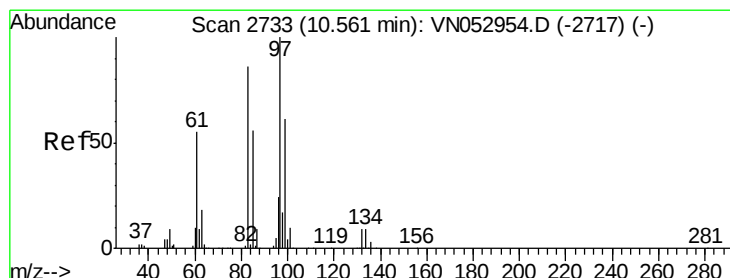
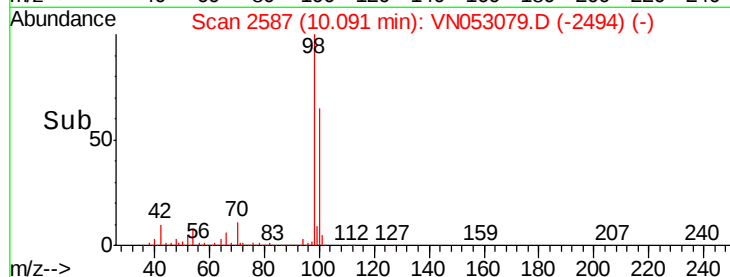
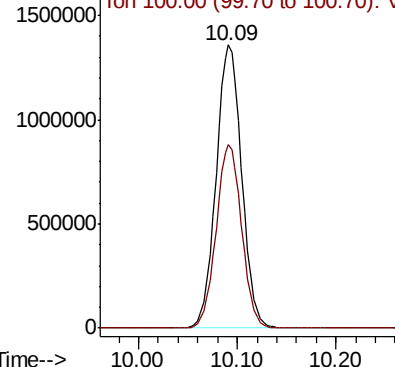
Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053079.D (-2494) (-)



#55

1,1,2-Trichloroethane

Concen: 0.520 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Tgt Ion: 97 Resp: 6482

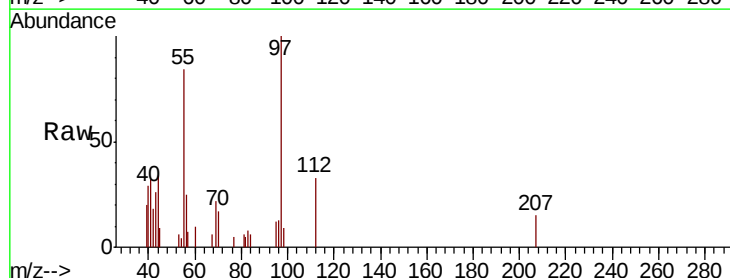
Ion Ratio Lower Upper

97 100

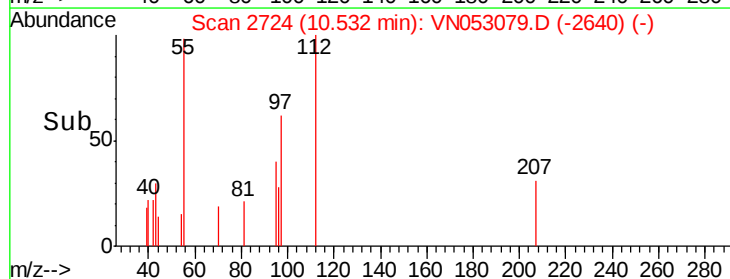
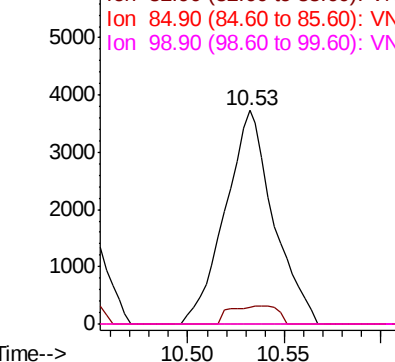
83 8.1 70.9 106.3#

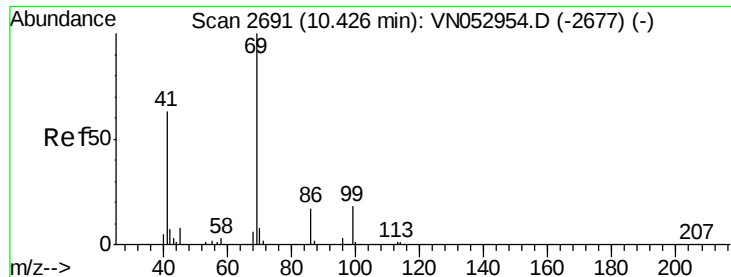
85 0.0 45.4 68.2#

99 0.0 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN053079.D (-2640) (-)





#56

Ethyl methacrylate

Concen: 0.232 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

ClientSampled :

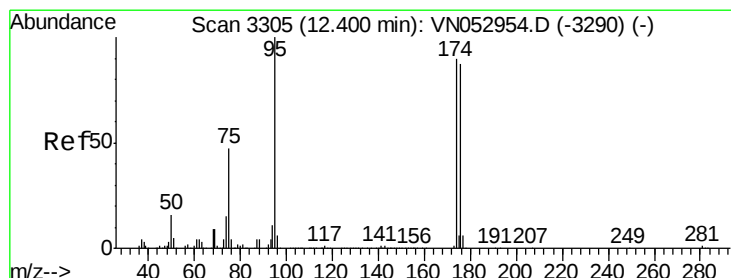
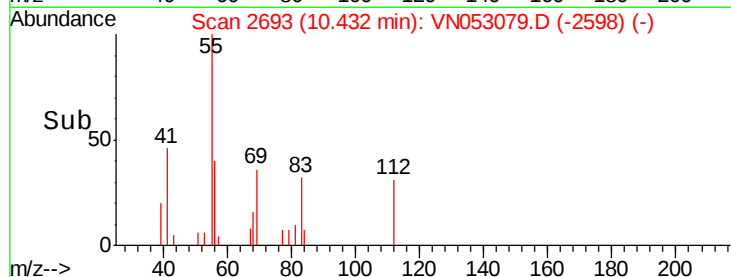
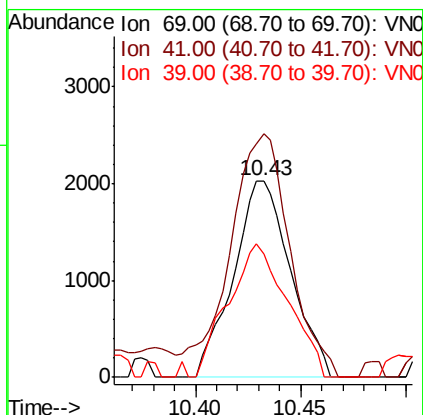
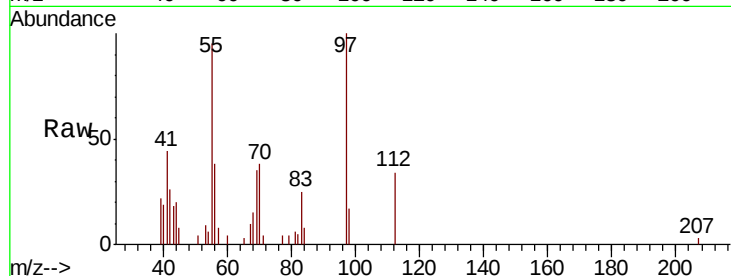
Tot Ion: 69 Resp: 3819

Ion Ratio Lower Upper

69 100

41 131.2 51.7 77.5#

39 70.7 24.6 37.0#



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

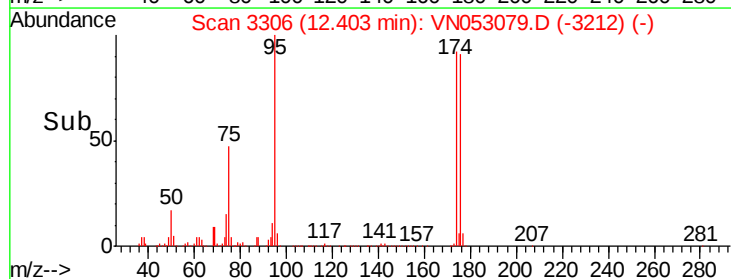
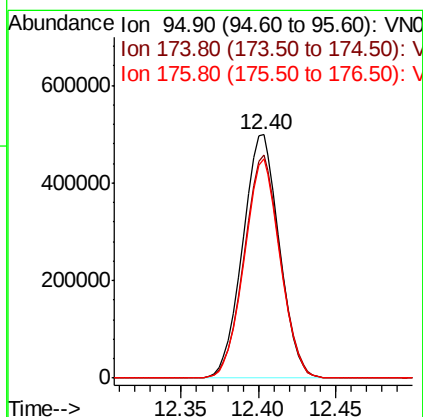
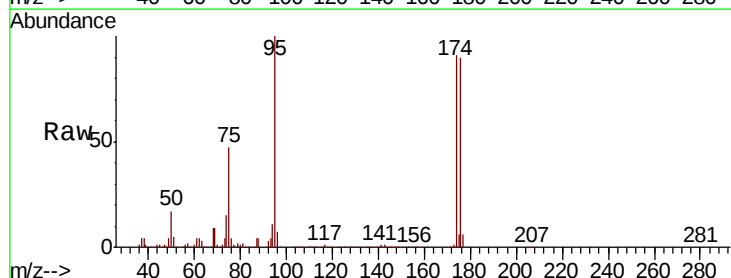
Tgt Ion: 95 Resp: 822086

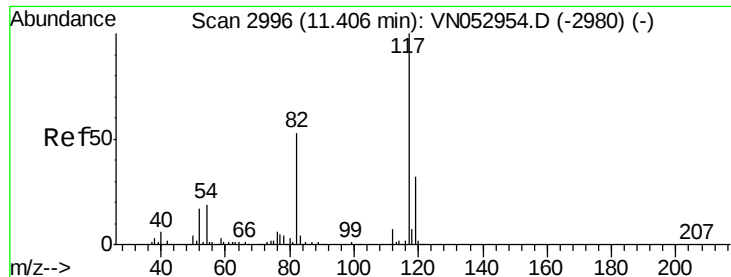
Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.8

176 88.3 0.0 173.8

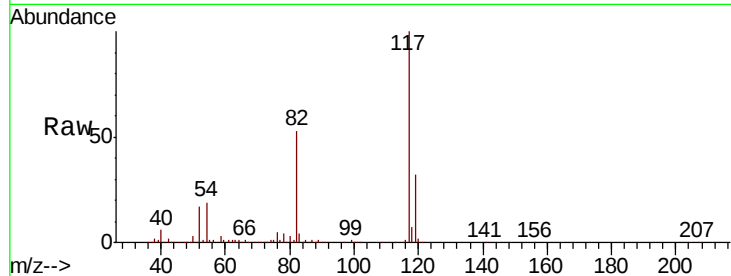




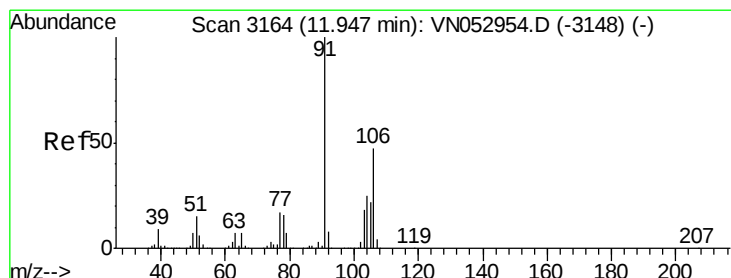
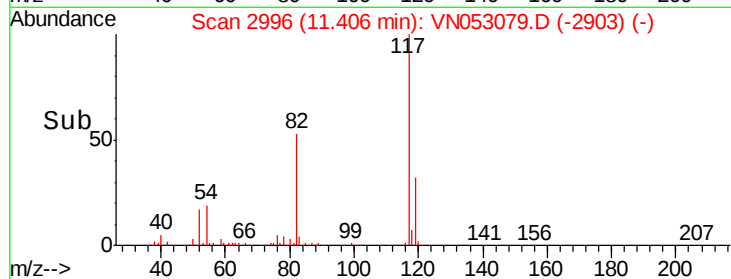
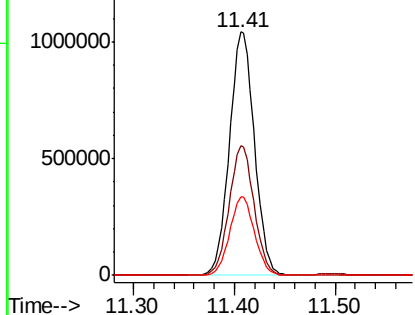
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1796876
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 25.5 38.3

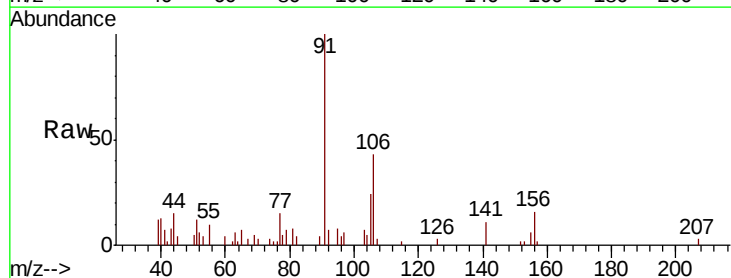


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

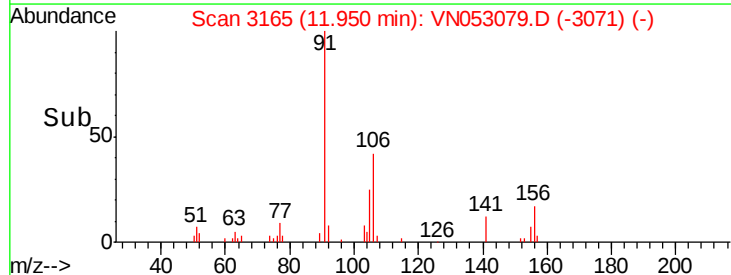
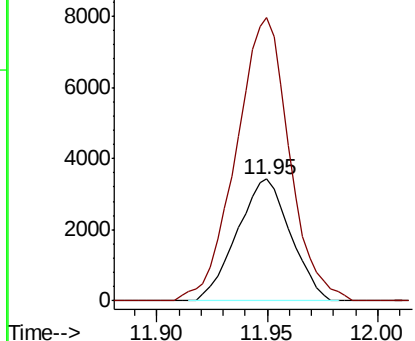


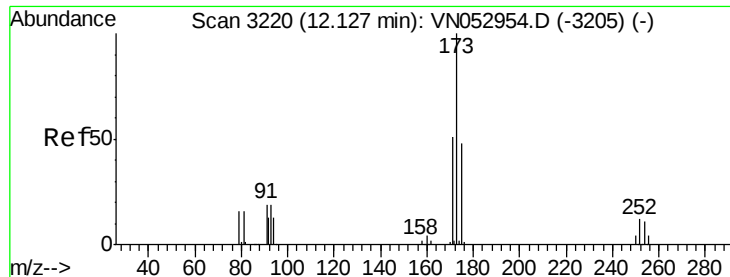
#69
o-Xylene
Concen: 0.231 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:106 Resp: 5775
Ion Ratio Lower Upper
106 100
91 231.6 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.504 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

ClientSampleId :

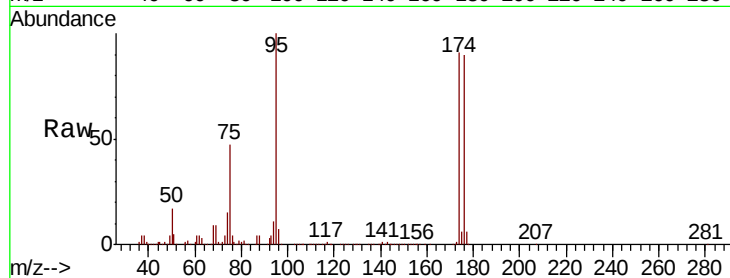
Tot Ion:173 Resp: 5043

Ion Ratio Lower Upper

173 100

175 919.9 24.3 72.9#

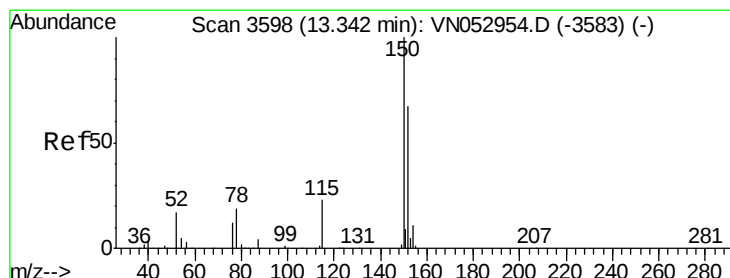
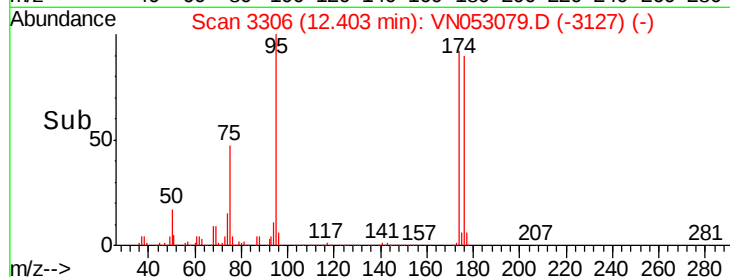
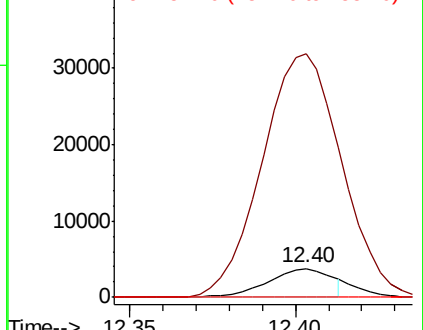
254 0.0 0.1 0.1#



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: VN053079.D

Acq: 21 Dec 2018 2:09

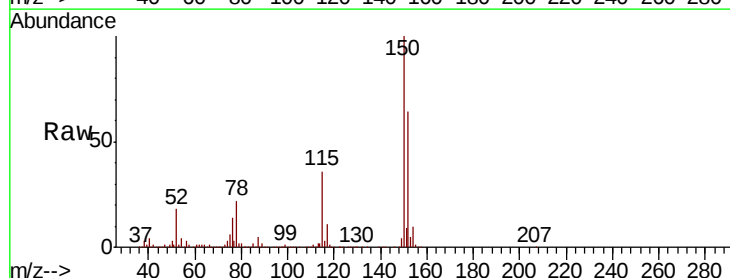
Tgt Ion:152 Resp: 768019

Ion Ratio Lower Upper

152 100

115 57.0 28.3 85.0

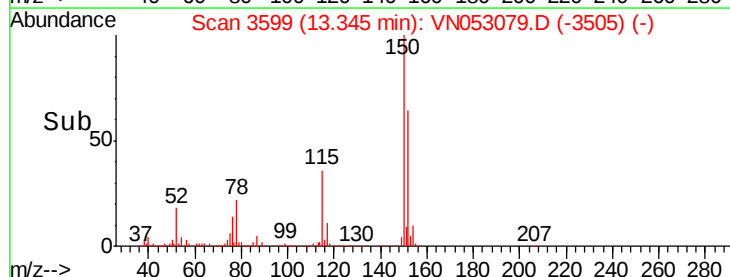
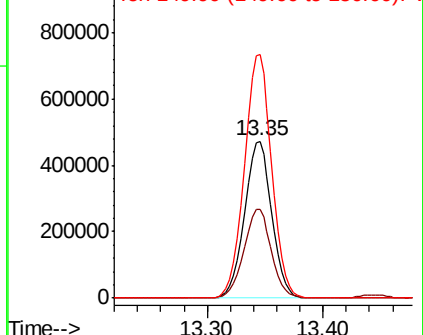
150 156.0 0.0 347.8

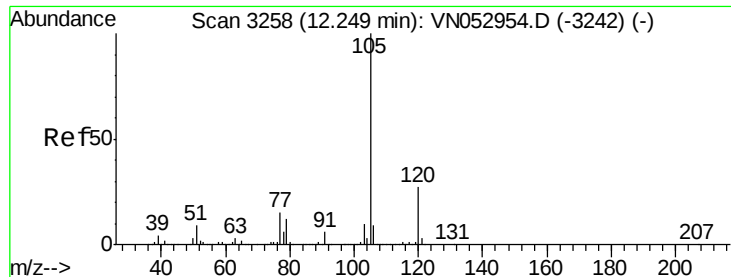


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.691 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

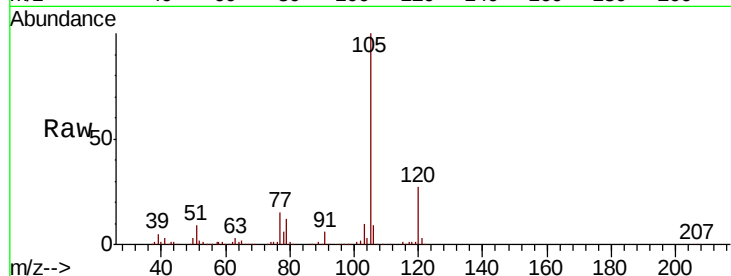
ClientSampled :

Tot Ion: 105 Resp: 221816

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

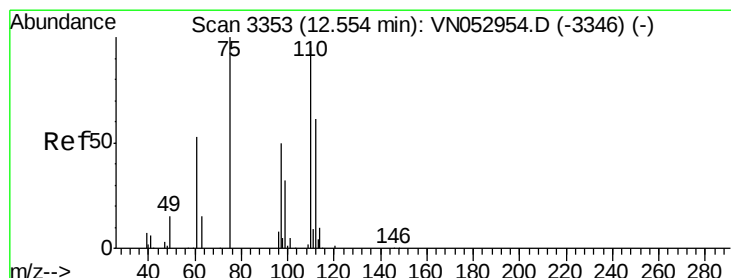
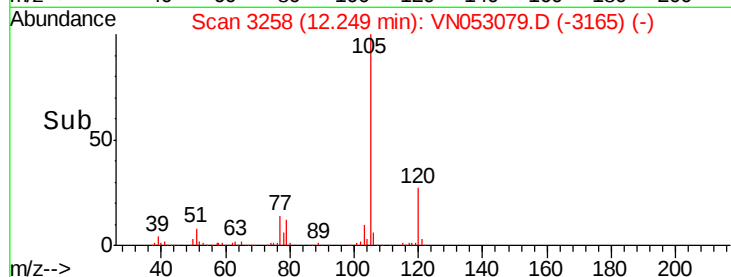
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.534 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053079.D

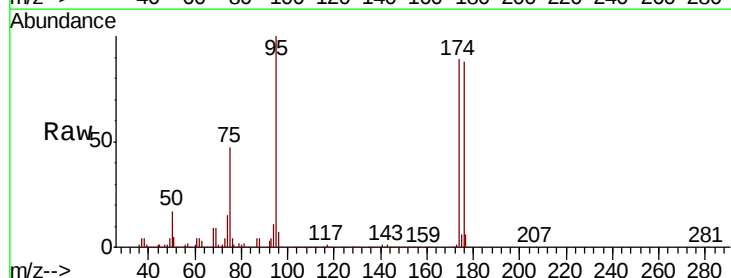
Acq: 21 Dec 2018 2:09

Tgt Ion: 75 Resp: 381839

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

12.40

250000

200000

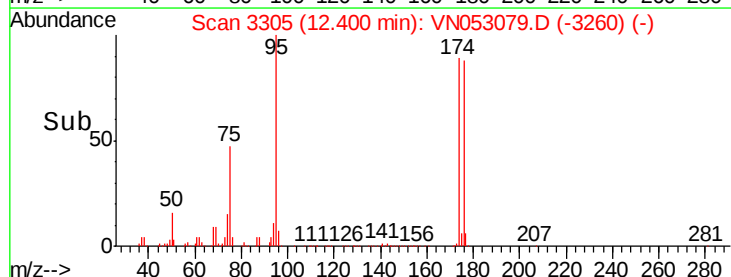
150000

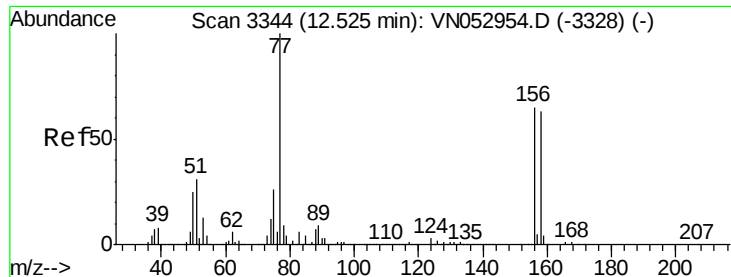
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 1.768 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.03 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

ClientSampleId :

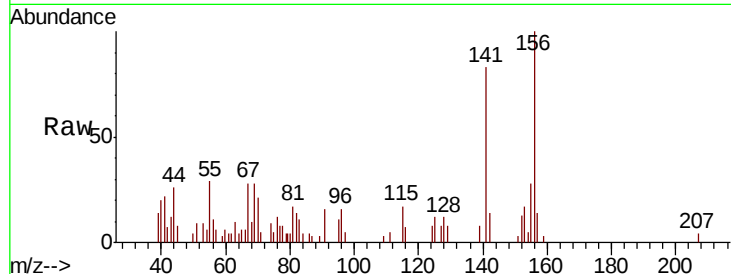
Tot Ion:156 Resp: 27617

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

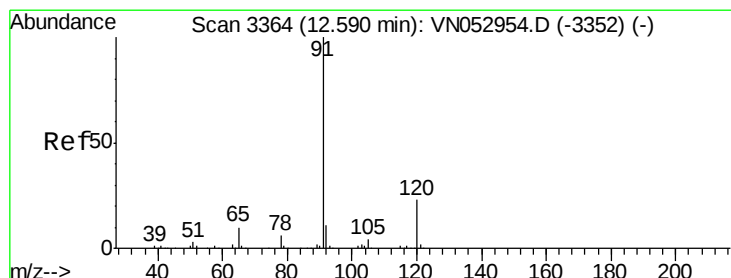
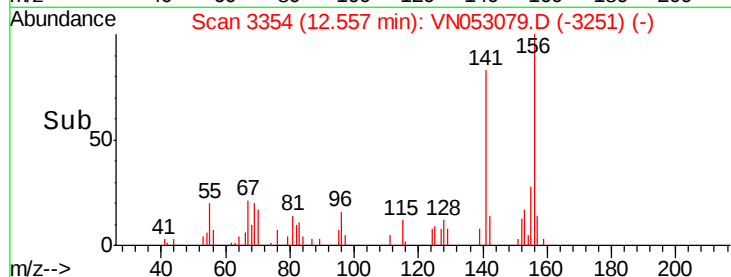
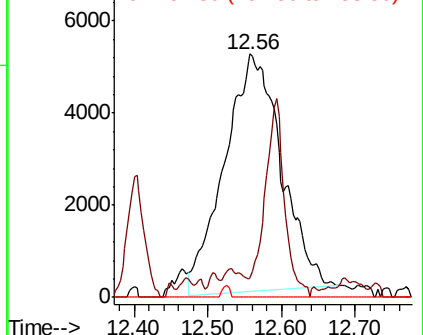
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.343 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053079.D

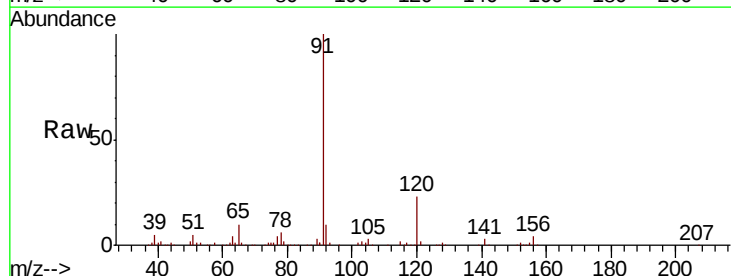
Acq: 21 Dec 2018 2:09

Tgt Ion: 91 Resp: 160339

Ion Ratio Lower Upper

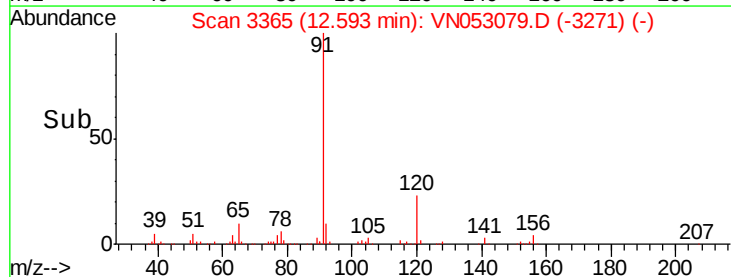
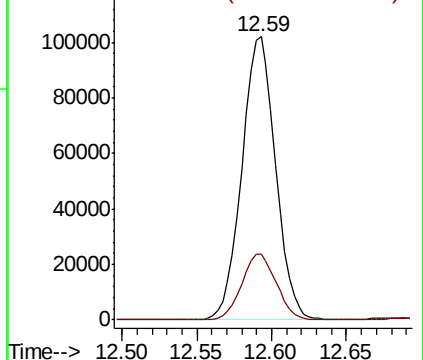
91 100

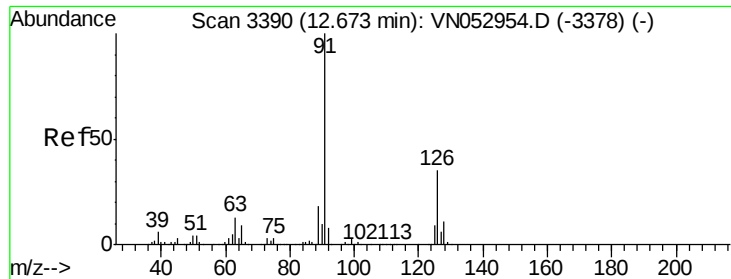
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.780 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

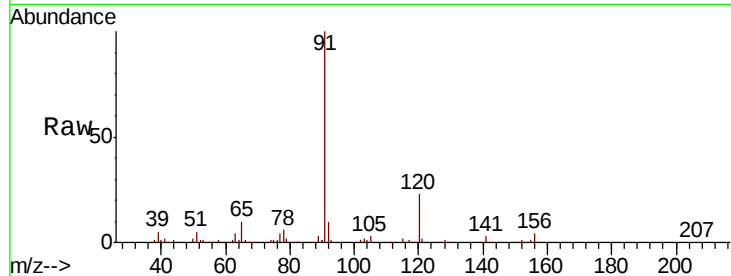
ClientSampleId :

Tot Ion: 91 Resp: 160339

Ion Ratio Lower Upper

91 100

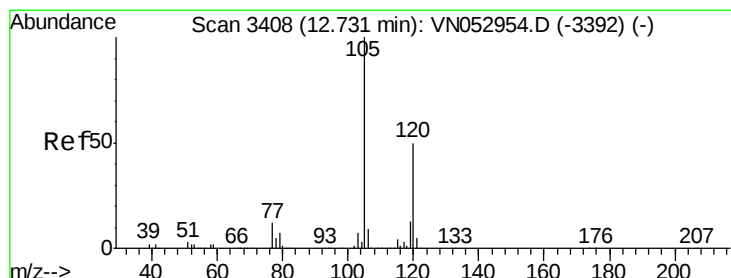
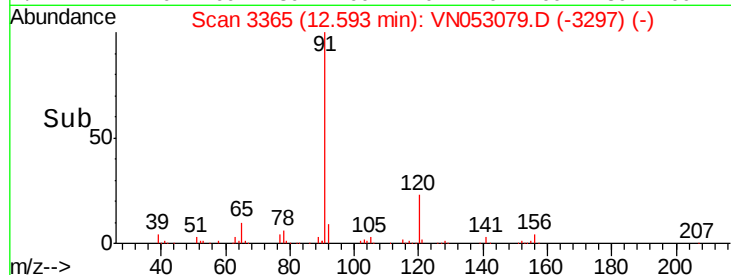
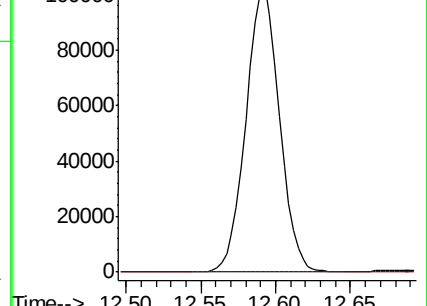
126 0.1 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)

12.59



#80

1,3,5-Trimethylbenzene

Concen: 0.206 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.16 min

Lab File: VN053079.D

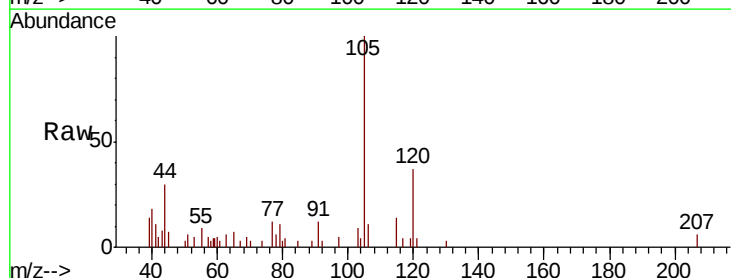
Acq: 21 Dec 2018 2:09

Tgt Ion: 105 Resp: 10099

Ion Ratio Lower Upper

105 100

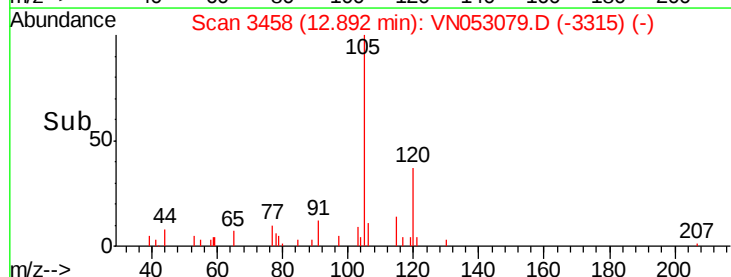
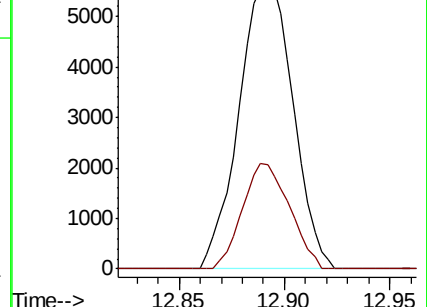
120 32.0 24.4 73.2

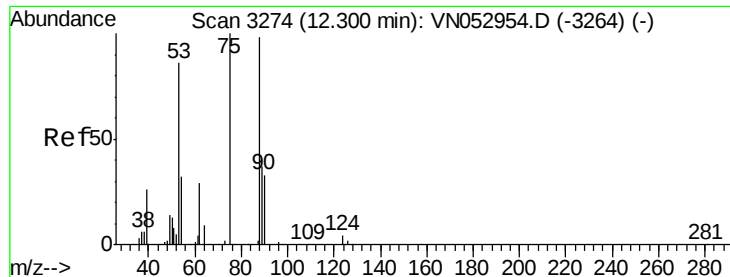


Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

12.89





#81

trans-1,4-Dichloro-2-butene

Concen: 95.191 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

ClientSampleId :

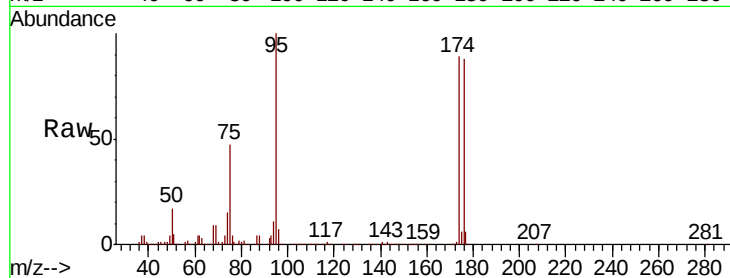
Tot Ion: 75 Resp: 381839

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

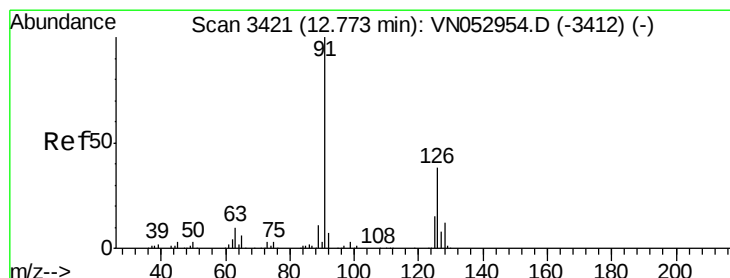
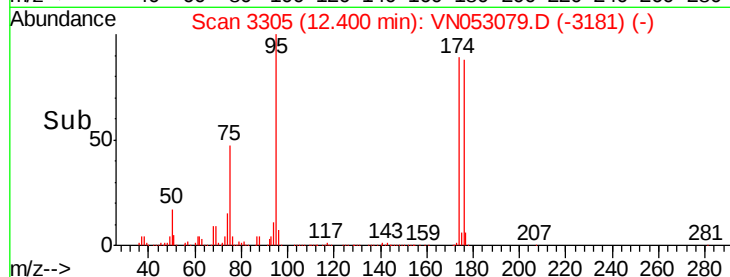
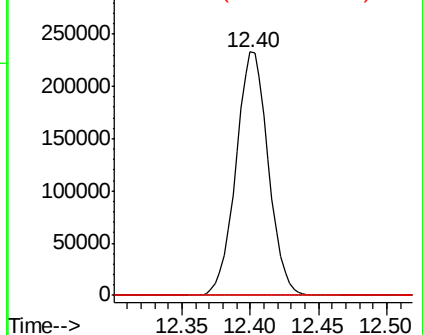
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 3.861 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053079.D

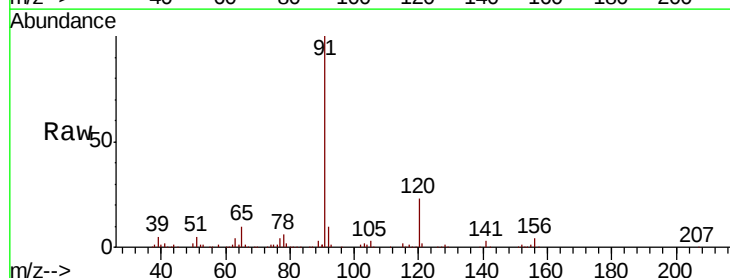
Acq: 21 Dec 2018 2:09

Tgt Ion: 91 Resp: 160339

Ion Ratio Lower Upper

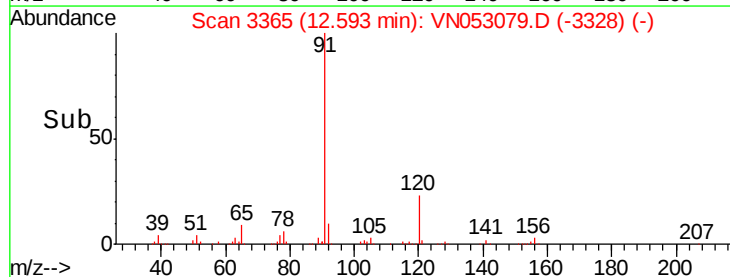
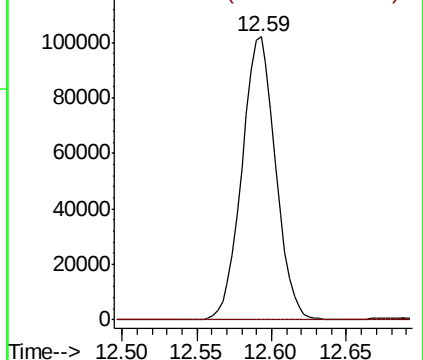
91 100

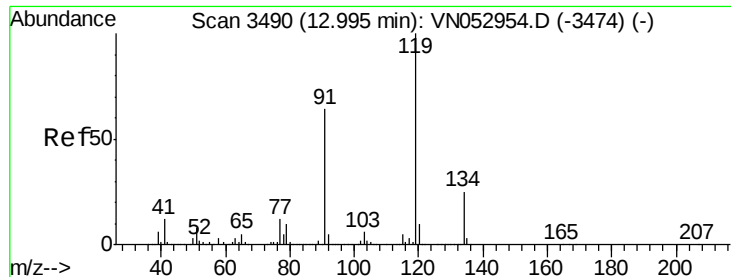
126 0.1 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

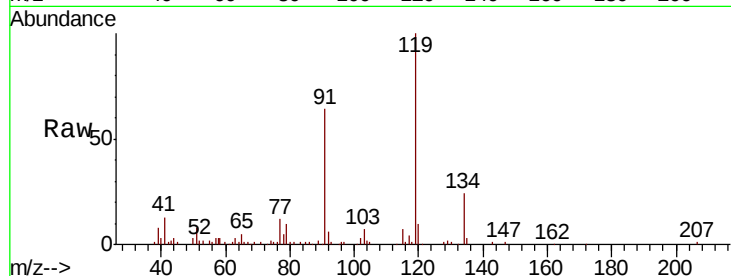




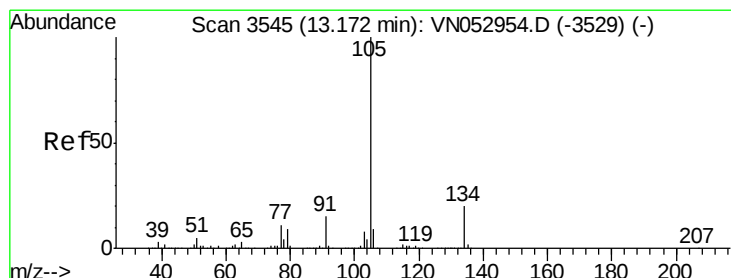
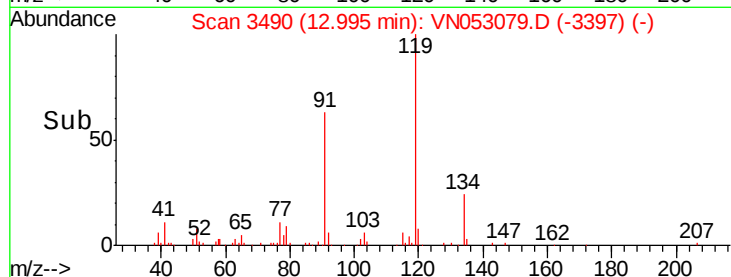
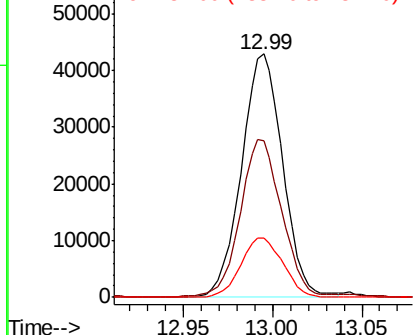
#83
tert-Butylbenzene
Concen: 1.602 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	31.9	95.5
134	24.7	12.8	38.4

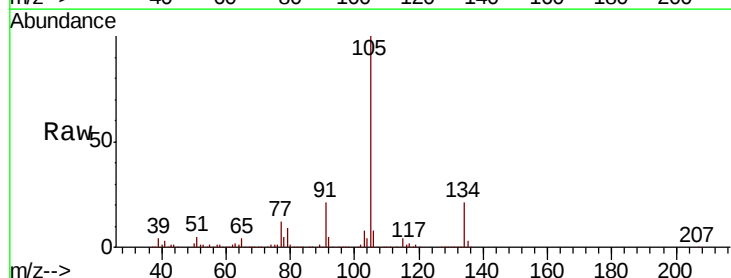


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

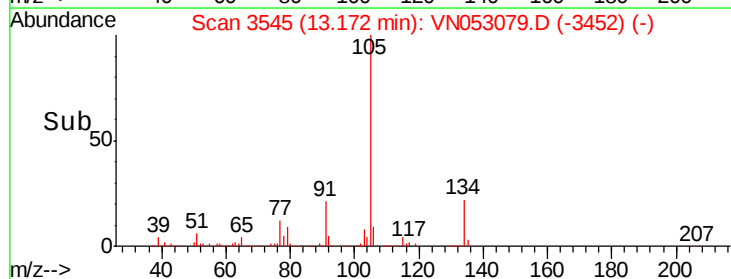
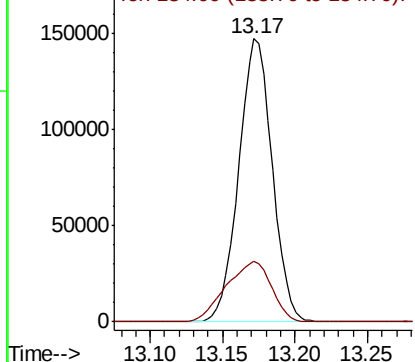


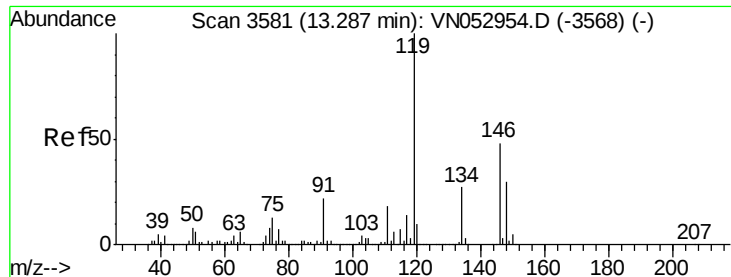
#85
sec-Butylbenzene
Concen: 4.025 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.1	10.1	30.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

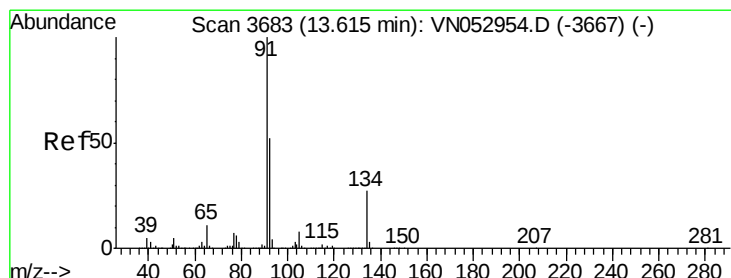
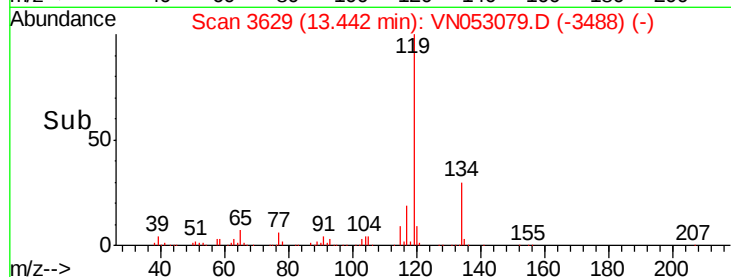
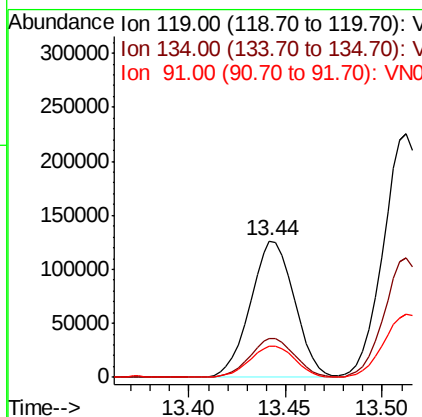
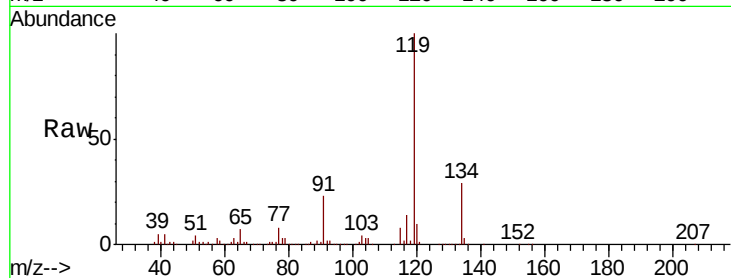




#86
 p-Isopropyltoluene
 Concen: 3.968 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

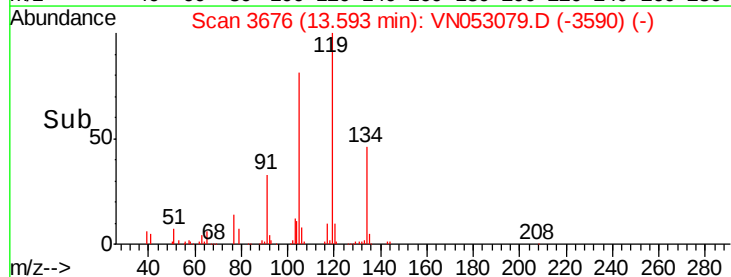
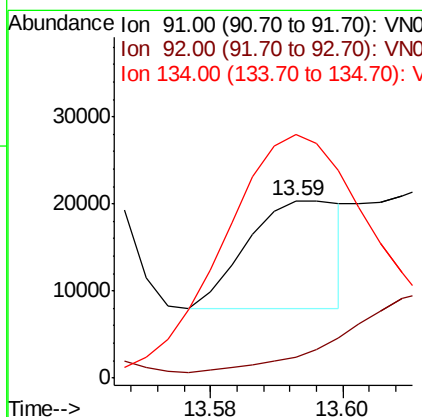
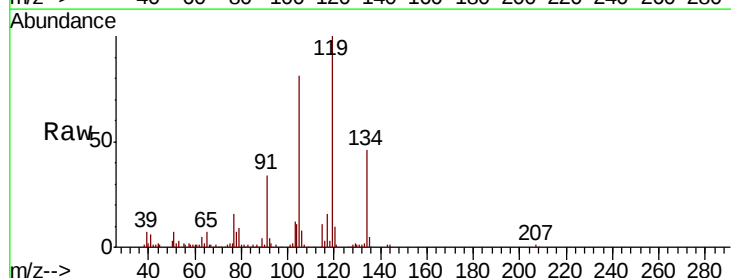
Instrument :
 MSVOA_N
 ClientSampled :

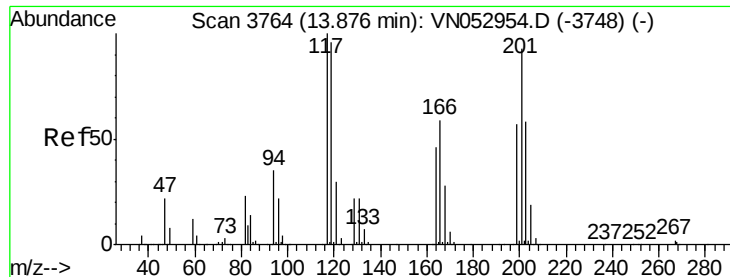
Tot Ion:119 Resp: 200888
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.4 40.2
 91 23.0 11.1 33.3



#89
 n-Butylbenzene
 Concen: 0.280 ug/l
 RT: 13.59 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Tgt Ion: 91 Resp: 12208
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.3 78.9#
 134 403.6 13.3 39.8#





#90

Hexachloroethane

Concen: 17.338 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

Instrument :

MSVOA_N

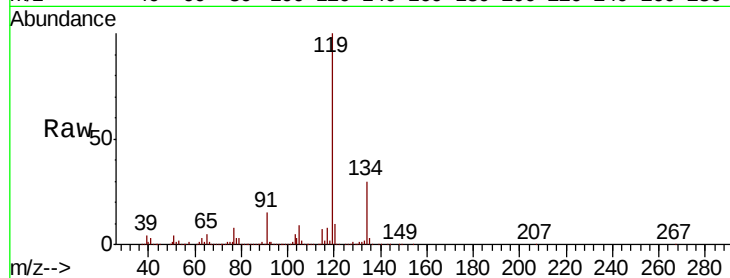
ClientSampleId :

Tot Ion:117 Resp: 134705

Ion Ratio Lower Upper

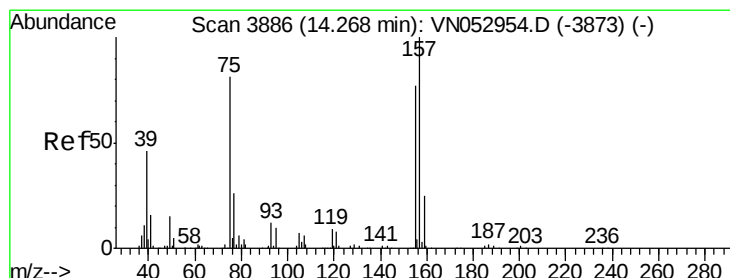
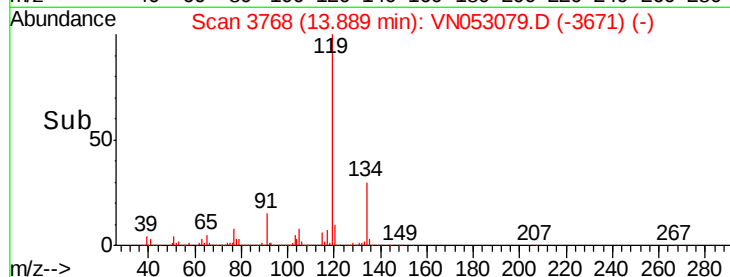
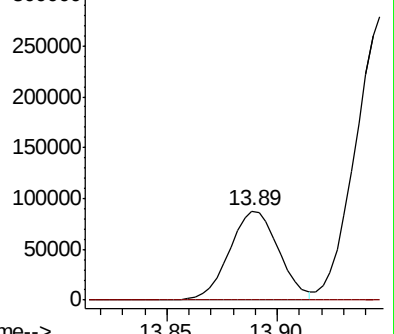
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.291 ug/l

RT: 14.21 min Scan# 3868

Delta R.T. -0.06 min

Lab File: VN053079.D

Acq: 21 Dec 2018 2:09

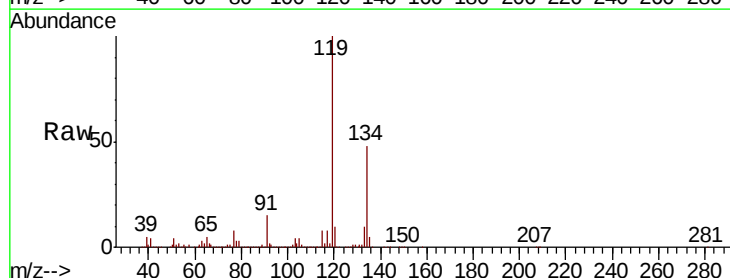
Tgt Ion: 75 Resp: 8747

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

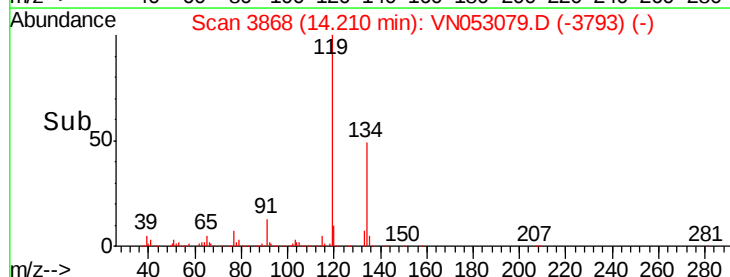
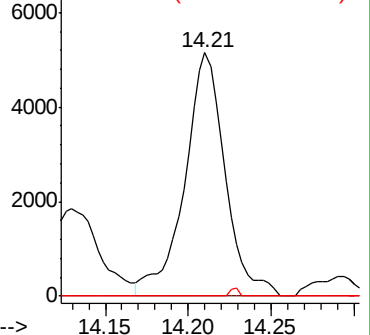
157 0.7 61.2 183.5#

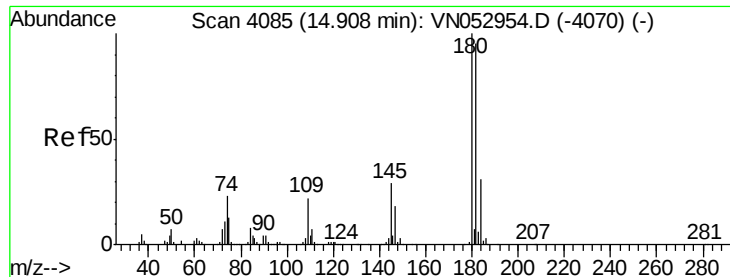


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

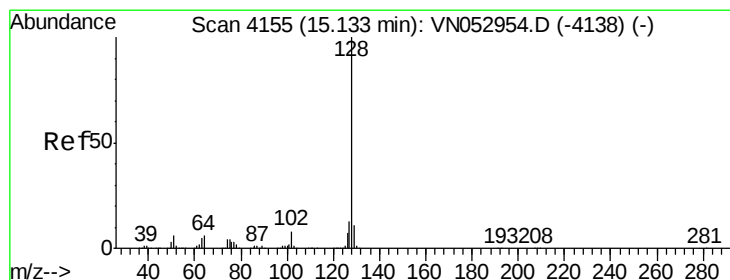
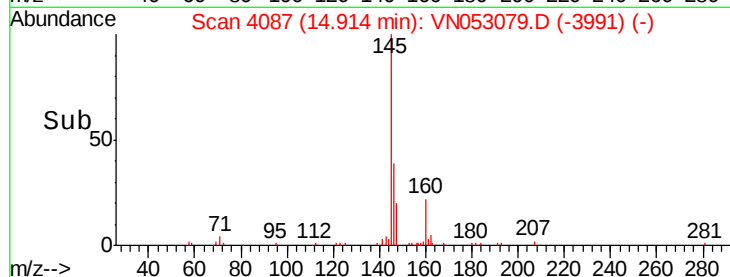
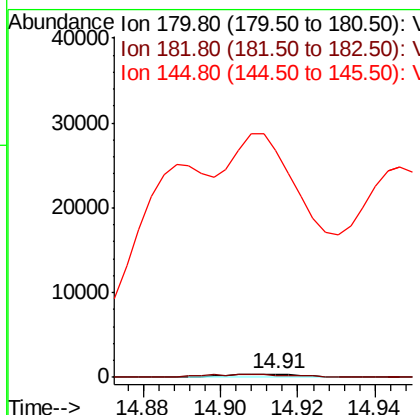
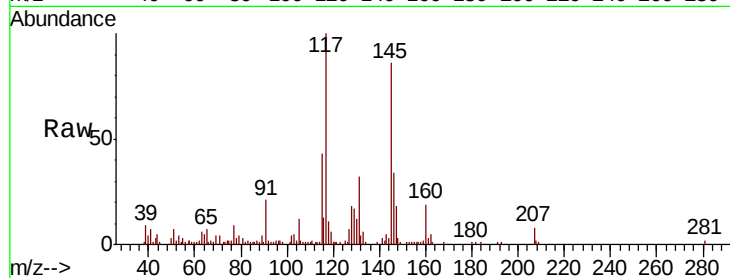




#93
 1,2,4-Trichlorobenzene
 Concen: 0.632 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

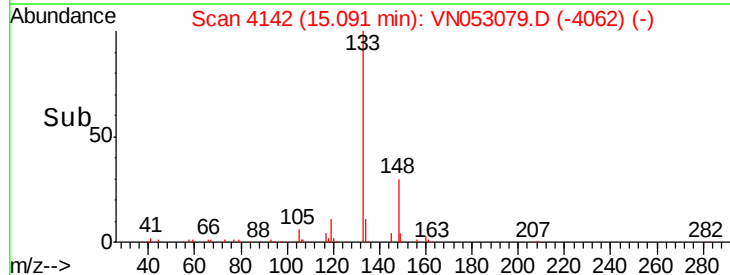
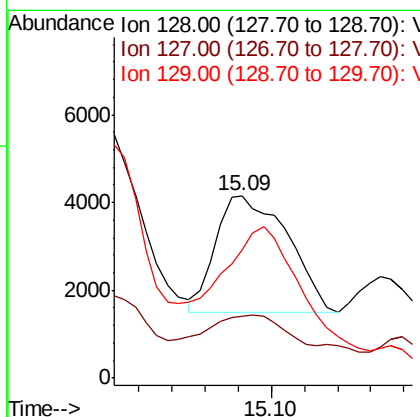
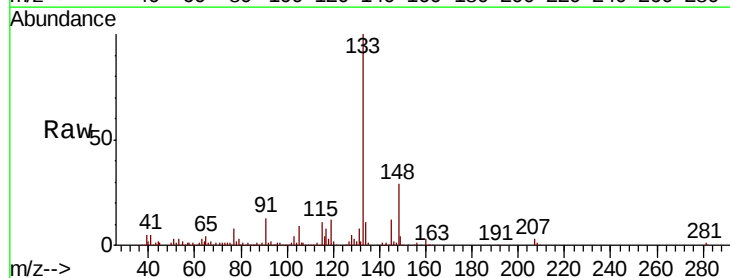
Instrument :
 MSVOA_N
 ClientSampleId :

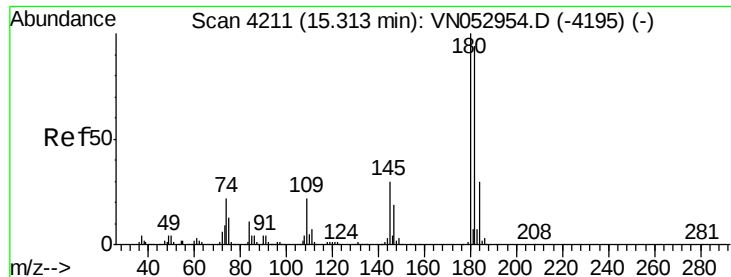
Tot Ion	Ratio	Lower	Upper
180	100		
182	106.2	47.8	143.3
145	0.0	14.2	42.6#



#95
 Naphthalene
 Concen: 1.276 ug/l
 RT: 15.09 min Scan# 4142
 Delta R.T. -0.04 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	33.9	10.2	15.4#
129	113.5	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.548 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053079.D
 Acq: 21 Dec 2018 2:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	74.1	47.9	143.7
145	0.0	15.0	45.0

