

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053295.D
 Acq On : 7 Jan 2019 11:00
 Operator : MD\SY
 Sample : K1061-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

Quant Time: Jan 08 01:22:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1034342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1604270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1511407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	699225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	510958	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.59	113	460505	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.09	98	1980030	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	713401	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.41	74	3726	0.604	ug/l #	1
11) Tert butyl alcohol	4.78	59	17981	27.781	ug/l #	91
13) Acrolein	3.61	56	719	0.884	ug/l #	14
16) Acetone	3.82	43	117490	43.519	ug/l	100
18) Methyl Acetate	4.33	43	8160	0.838	ug/l #	62
22) Diisopropyl ether	5.95	45	39001	1.164	ug/l #	1
25) 2-Butanone	6.84	43	19851	4.496	ug/l	97
29) Tetrahydrofuran	7.21	42	704	0.242	ug/l #	43
31) Cyclohexane	7.66	56	26585	1.258	ug/l #	16
36) 1,1-Dichloropropene	7.66	75	67046	4.477	ug/l #	48
37) Ethyl Acetate	6.84	43	19851	2.035	ug/l #	69
38) Carbon Tetrachloride	7.66	117	88391	6.394	ug/l #	17
39) Methylcyclohexane	9.09	83	9999	0.576	ug/l	97
40) Benzene	8.04	78	623958	13.639	ug/l	100
42) 1,2-Dichloroethane	8.04	62	5042	0.372	ug/l	96
43) Isopropyl Acetate	8.20	43	8978	0.468	ug/l #	52
49) 1,4-Dioxane	9.19	88	293	3.154	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	3677	0.381	ug/l	97
52) Toluene	10.16	92	1002170	35.707	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	2066	0.200	ug/l #	15
59) 2-Hexanone	10.75	43	3022	0.457	ug/l	81
67) Ethyl Benzene	11.51	91	549825	9.855	ug/l	99
68) m/p-Xylenes	11.62	106	1054125	50.247	ug/l	99
69) o-Xylene	11.95	106	567179	27.615	ug/l	99
70) Styrene	11.95	104	30901	0.924	ug/l #	1
71) Bromoform	12.40	173	4368	0.538	ug/l #	1
73) Isopropylbenzene	12.25	105	148127	2.845	ug/l	99
74) N-amyl acetate	12.04	43	3981	0.256	ug/l #	50
76) 1,2,3-Trichloropropane	12.65	75	18087	1.773	ug/l #	100
78) n-propylbenzene	12.59	91	650219	11.042	ug/l	100
79) 2-Chlorotoluene	12.65	91	275309	7.727	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	1105797	26.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	332825	96.016	ug/l #	14
82) 4-Chlorotoluene	12.73	91	108682	2.975	ug/l #	40

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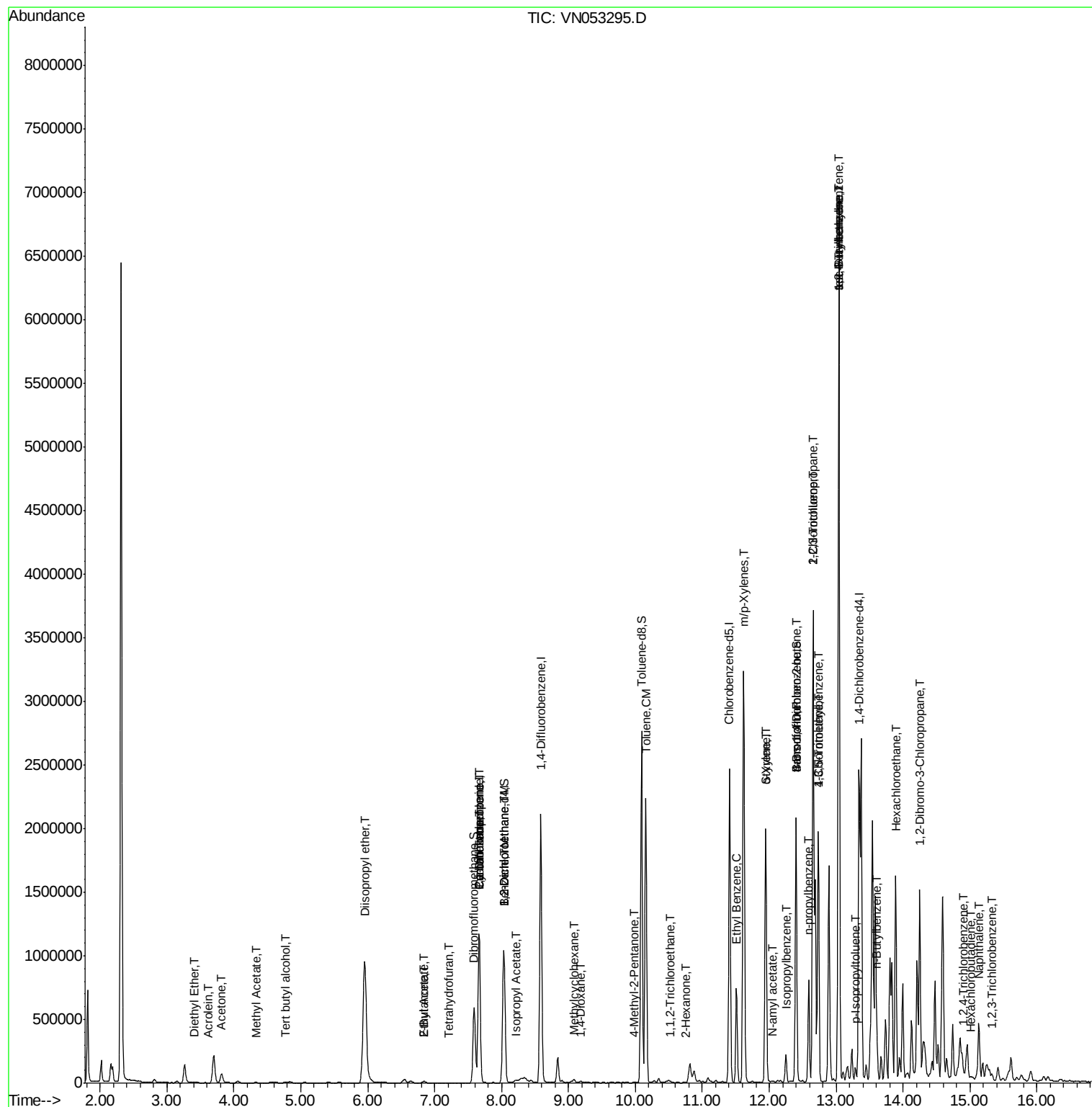
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	499454	13.575	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	4016571	94.020	ug/l	100
85) sec-Butylbenzene	13.04	105	4016571	82.781	ug/l #	56
86) p-Isopropyltoluene	13.29	119	54966	1.308	ug/l	98
89) n-Butylbenzene	13.61	91	123998	3.521	ug/l #	69
90) Hexachloroethane	13.89	117	83453	12.394	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5285	3.639	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2033	0.282	ug/l #	79
94) Hexachlorobutadiene	15.01	225	2573	0.437	ug/l	96
95) Naphthalene	15.13	128	386038	31.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	2097	0.444	ug/l #	83

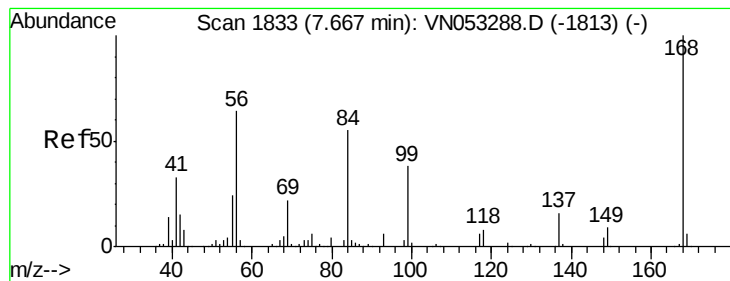
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

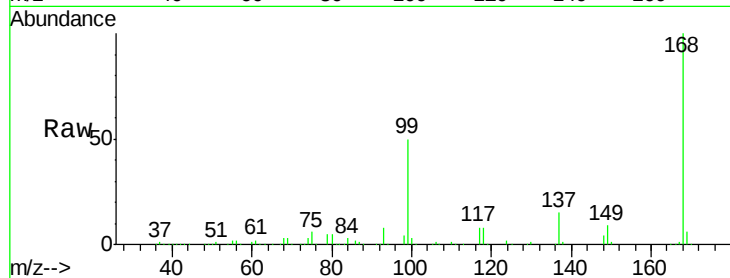
TRE-COMP-1

Tot Ion:168 Resp: 1034342

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

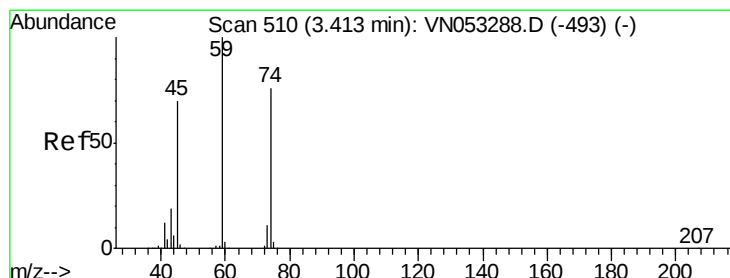
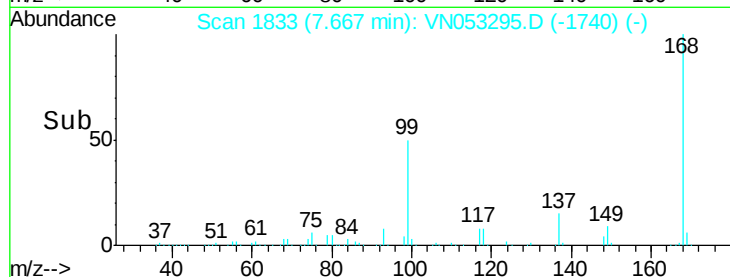
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.604 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053295.D

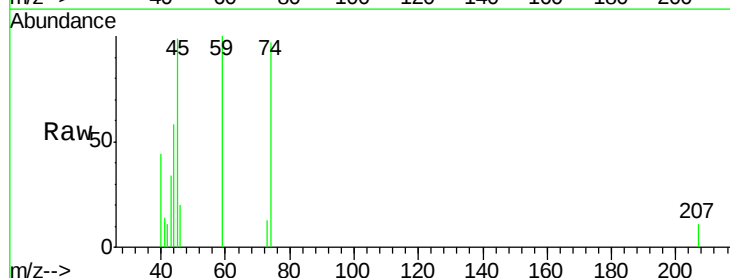
Acq: 7 Jan 2019 11:00

Tgt Ion: 74 Resp: 3726

Ion Ratio Lower Upper

74 100

45 0.0 48.3 144.9#



Abundance Ion 74.00 (73.70 to 74.70): VN053288.D (-493) (-)

Ion 45.00 (44.70 to 45.70): VN053288.D (-493) (-)

3.41

2500

2000

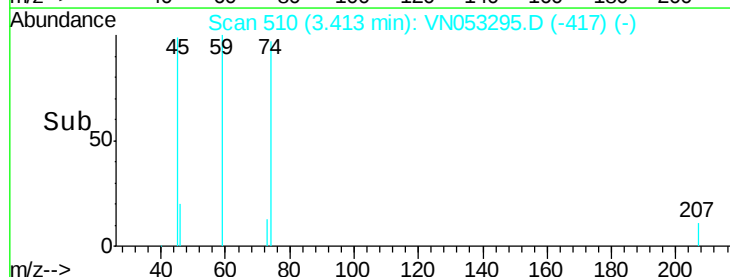
1500

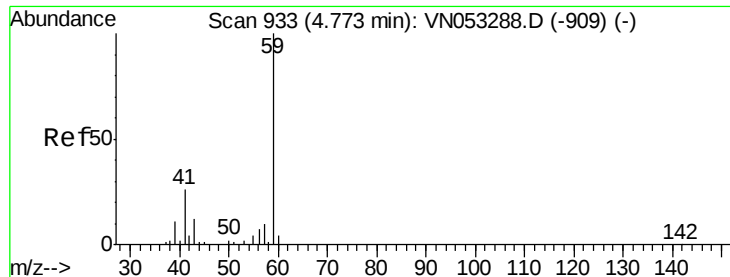
1000

500

0

Time-->

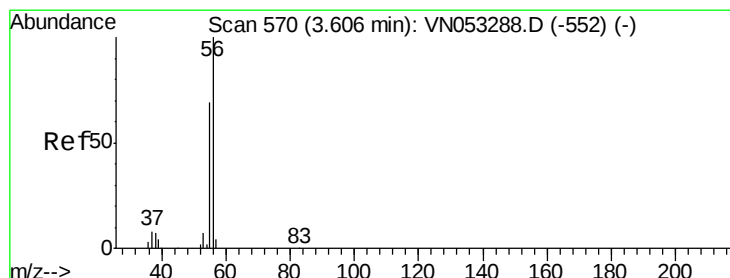
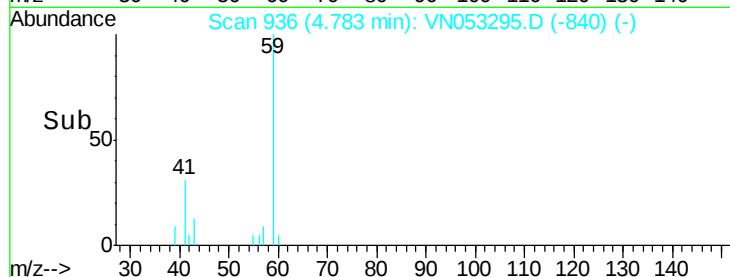
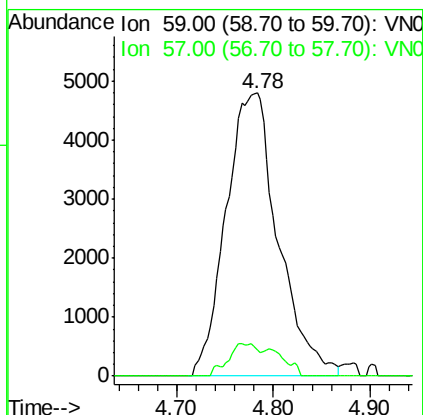
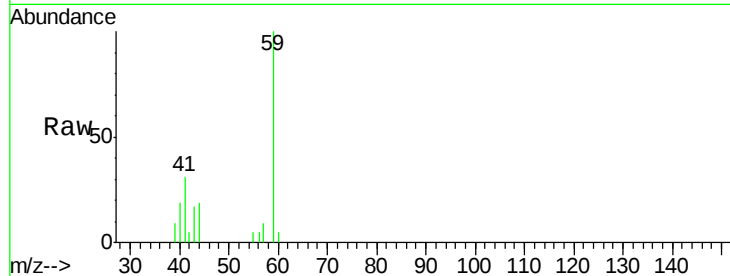




#11
Tert butyl alcohol
Concen: 27.781 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

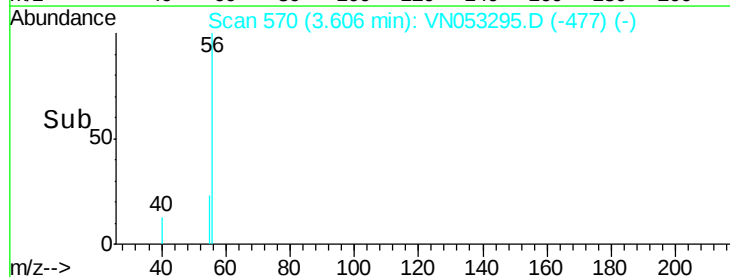
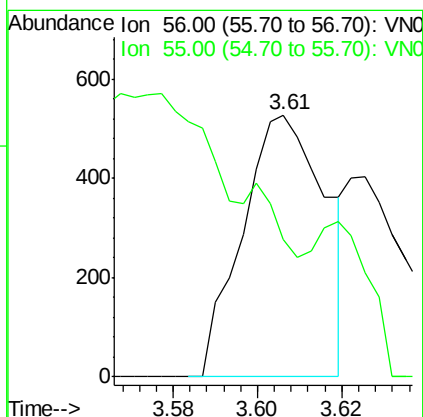
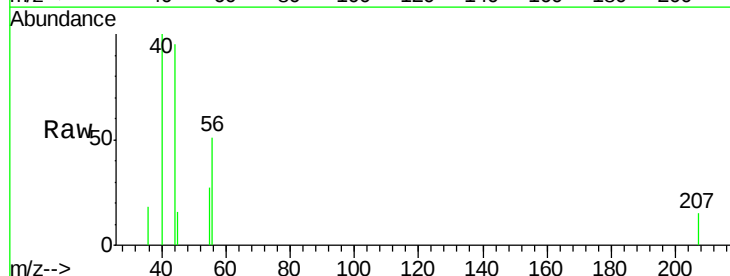
Instrument :
MSVOA_N
ClientSampled :
TRE-COMP-1

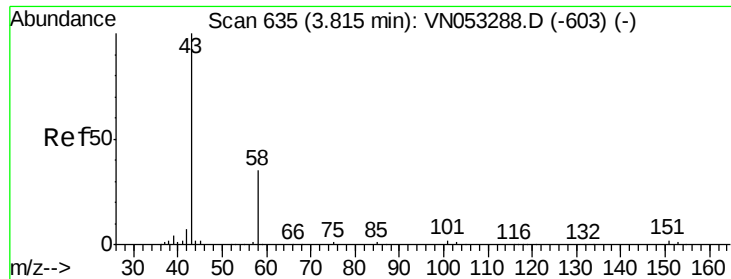
Tot Ion: 59 Resp: 17981
Ion Ratio Lower Upper
59 100
57 6.6 8.0 12.0#



#13
Acrolein
Concen: 0.884 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion: 56 Resp: 719
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#





#16

Acetone

Concen: 43.519 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

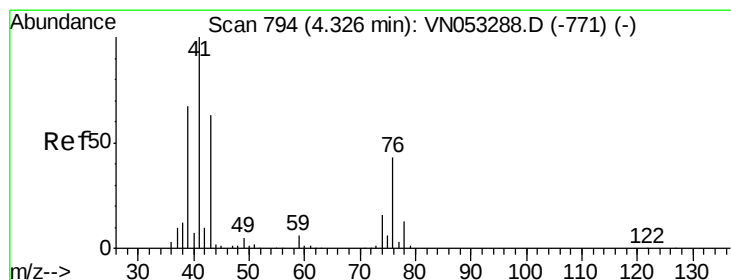
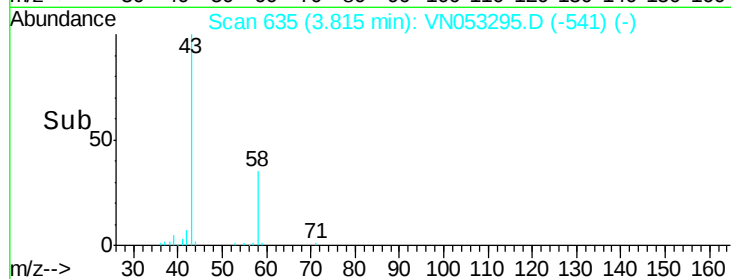
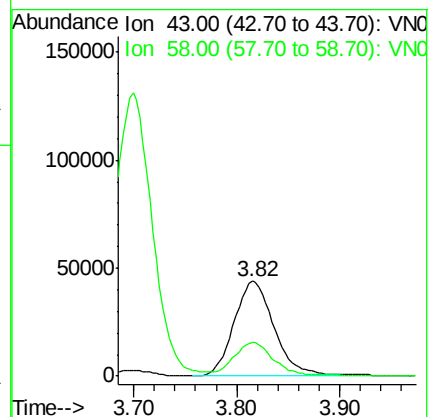
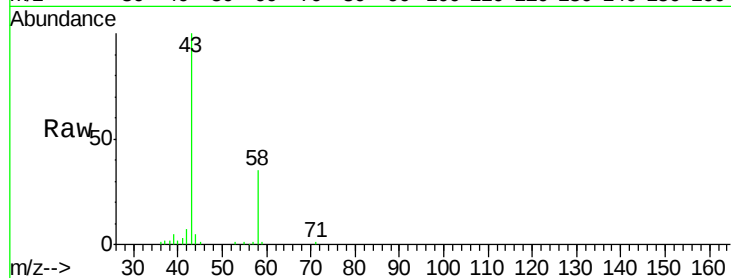
TRE-COMP-1

Tot Ion: 43 Resp: 117490

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6



#18

Methyl Acetate

Concen: 0.838 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053295.D

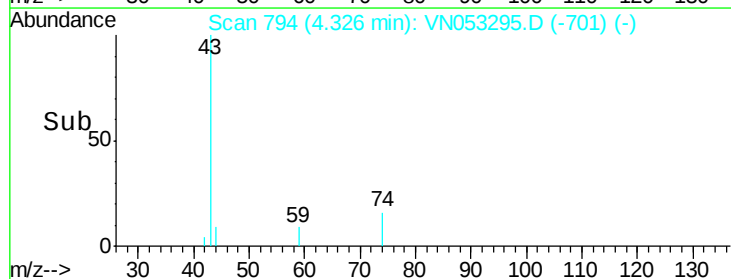
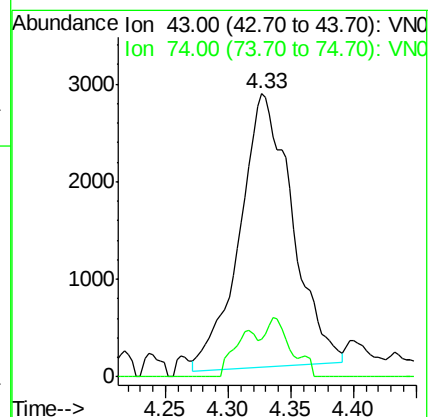
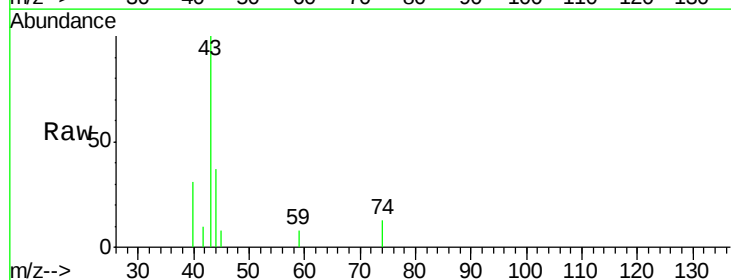
Acq: 7 Jan 2019 11:00

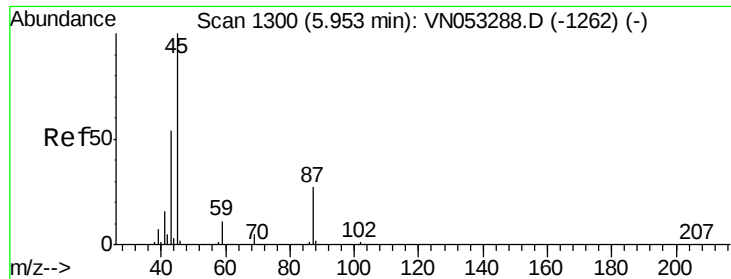
Tgt Ion: 43 Resp: 8160

Ion Ratio Lower Upper

43 100

74 5.7 19.8 29.8#





#22

Diisopropyl ether

Concen: 1.164 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

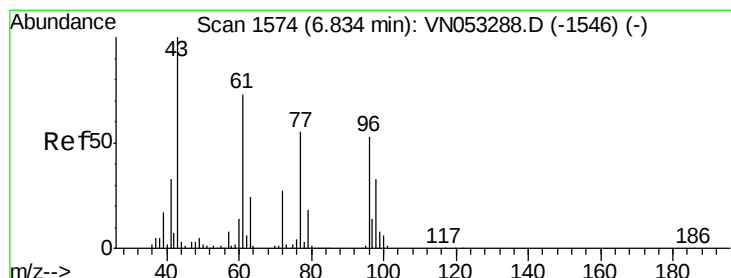
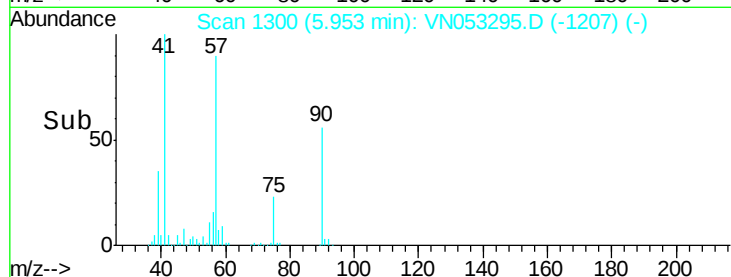
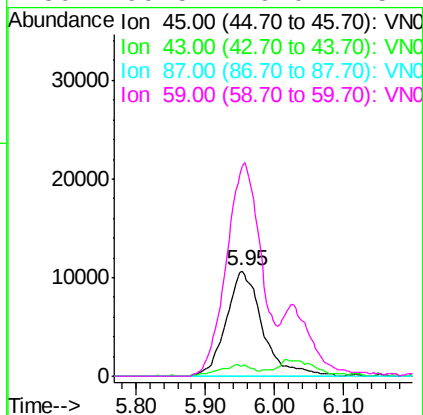
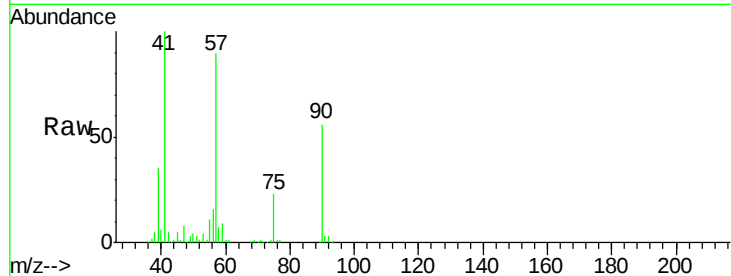
Instrument :

MSVOA_N

ClientSampled :

TRE-COMP-1

Tot Ion:	45	Resp:	39001
Ion	Ratio	Lower	Upper
45	100		
43	10.4	43.0	64.6#
87	0.0	22.1	33.1#
59	199.5	9.0	13.4#



#25

2-Butanone

Concen: 4.496 ug/l

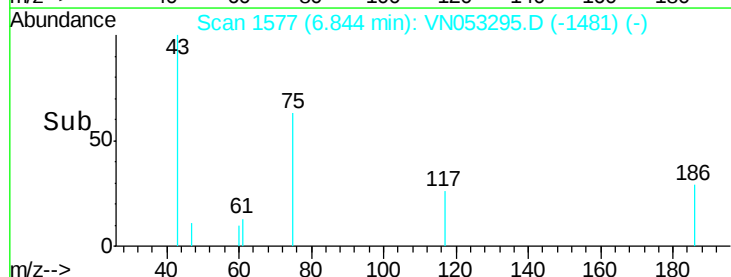
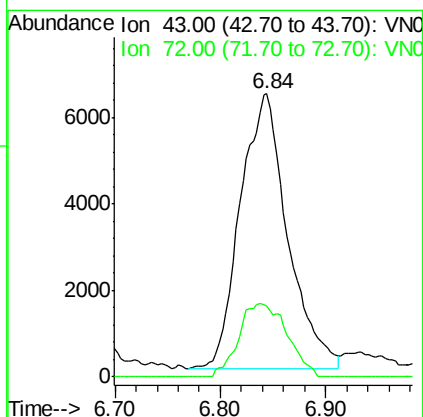
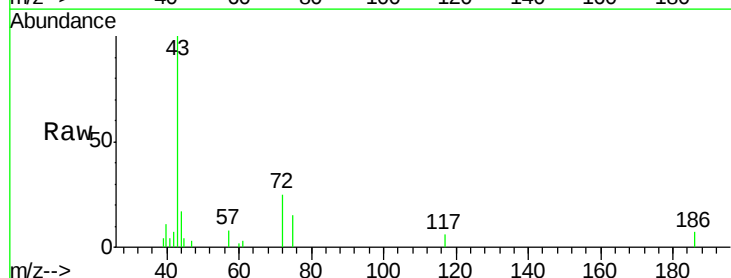
RT: 6.84 min Scan# 1577

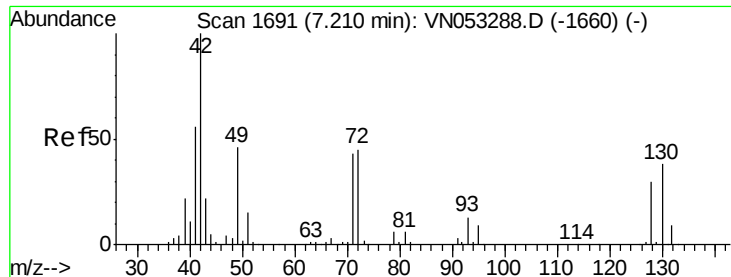
Delta R.T. 0.01 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Tgt Ion:	43	Resp:	19851
Ion	Ratio	Lower	Upper
43	100		
72	25.8	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.242 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

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MSVOA_N

ClientSampleId :

TRE-COMP-1

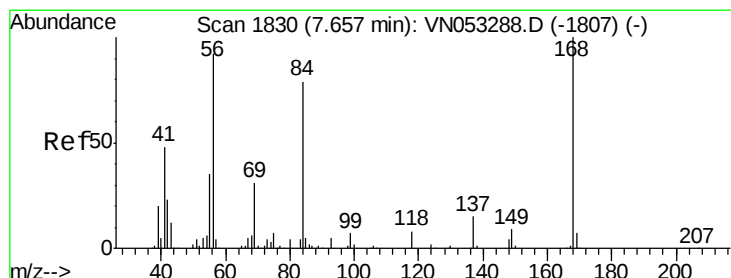
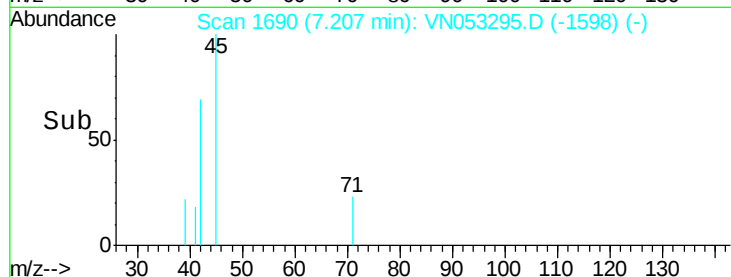
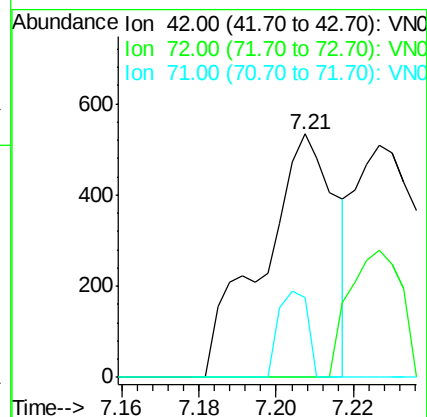
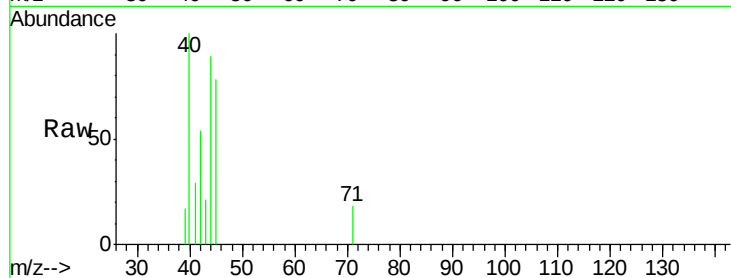
Tot Ion: 42 Resp: 704

Ion Ratio Lower Upper

42 100

72 0.0 35.6 53.4#

71 14.2 33.8 50.8#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

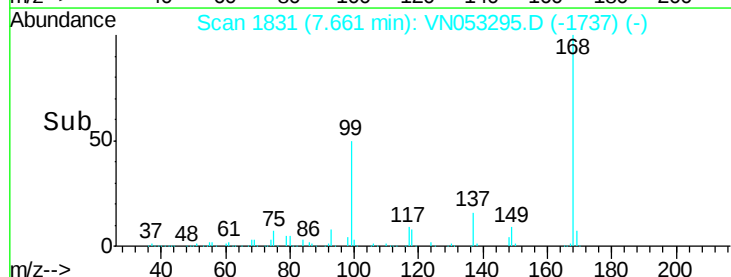
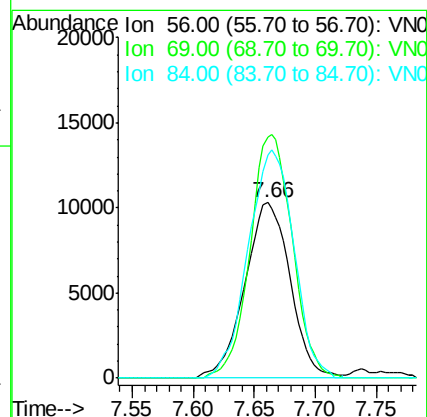
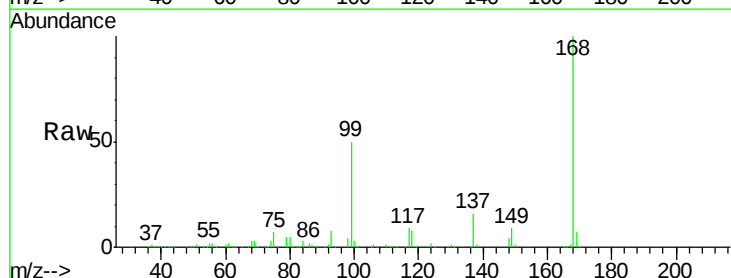
Tgt Ion: 56 Resp: 26585

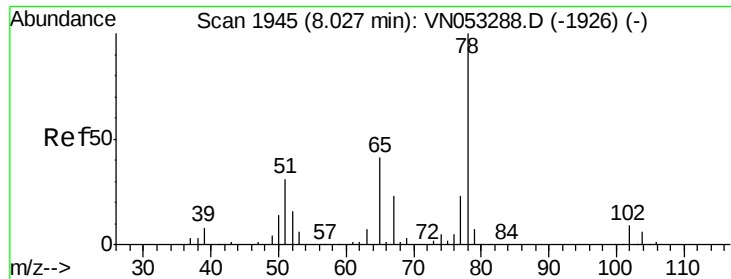
Ion Ratio Lower Upper

56 100

69 137.1 26.7 40.1#

84 127.3 68.2 102.4#

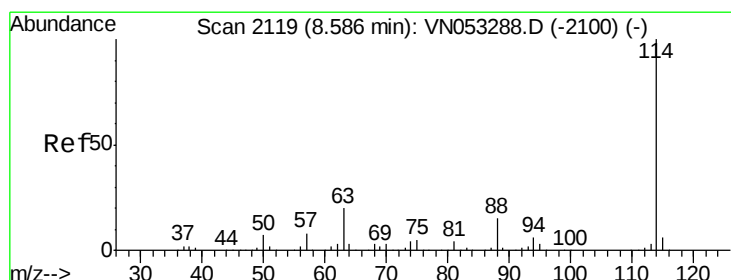
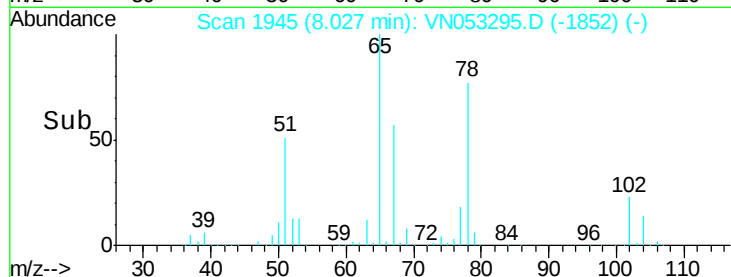
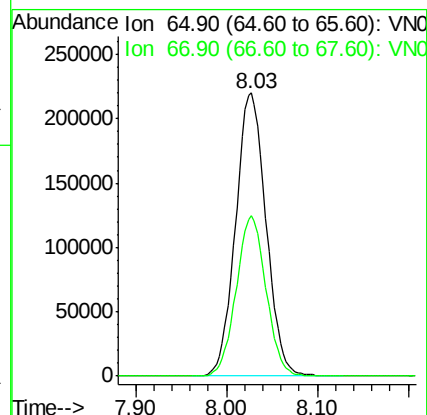
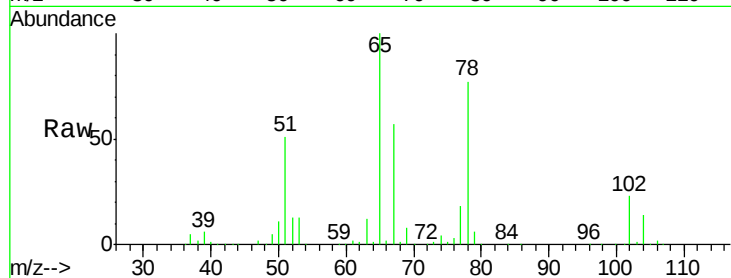




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

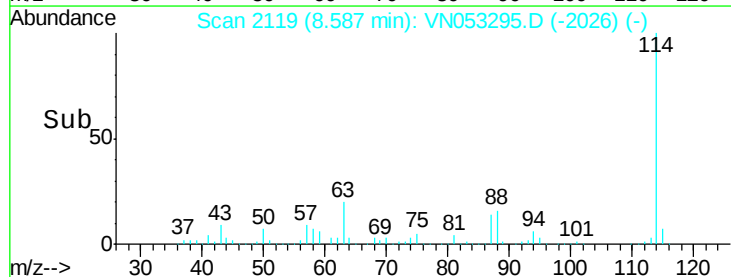
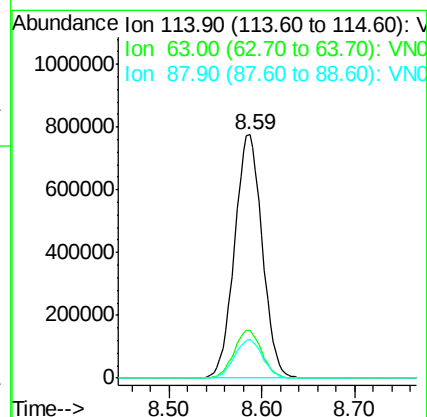
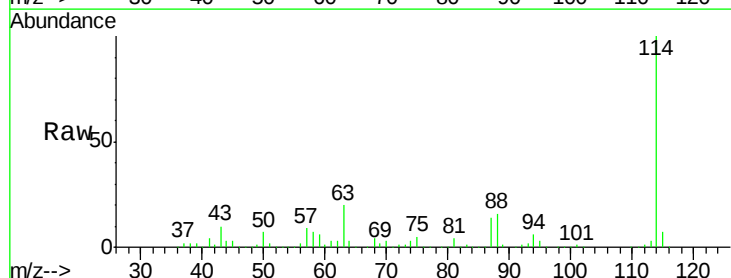
Instrument :
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 TRE-COMP-1

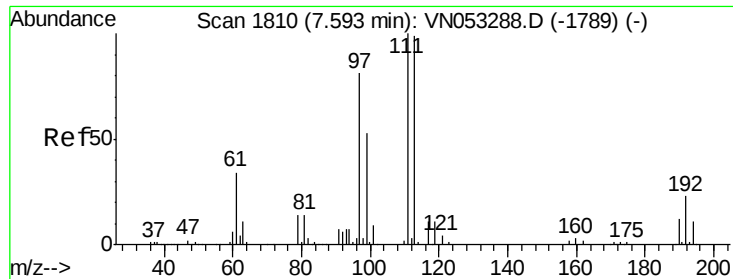
Tot Ion: 65 Resp: 510958
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 114 Resp: 1604270
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.7 0.0 30.8

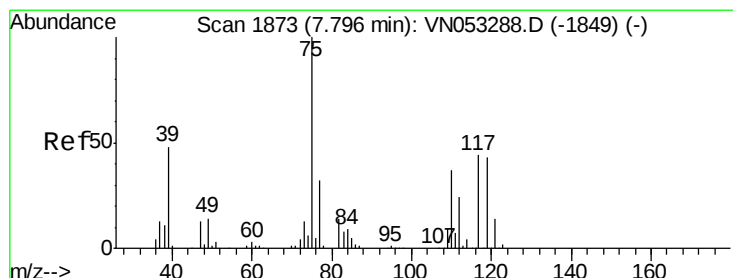
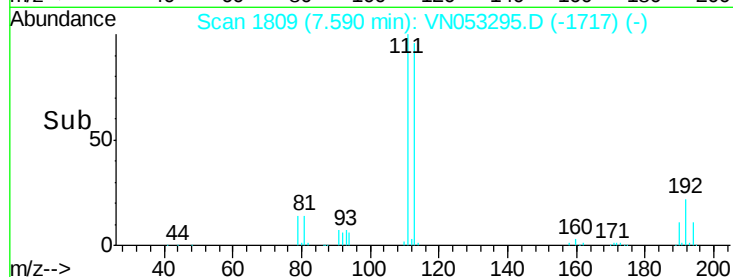
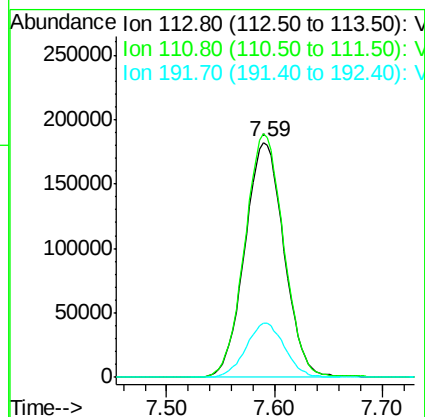
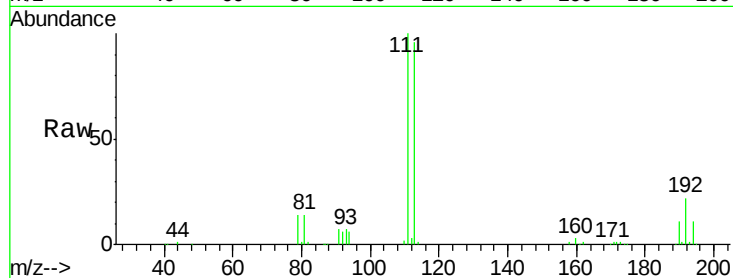




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

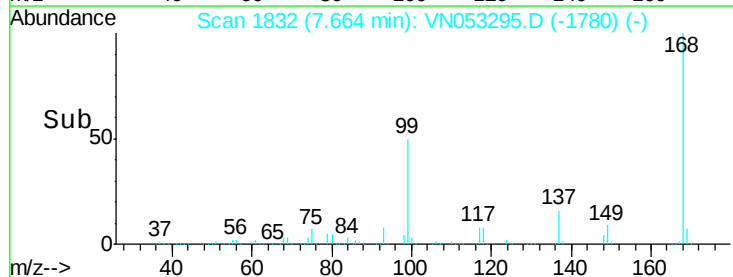
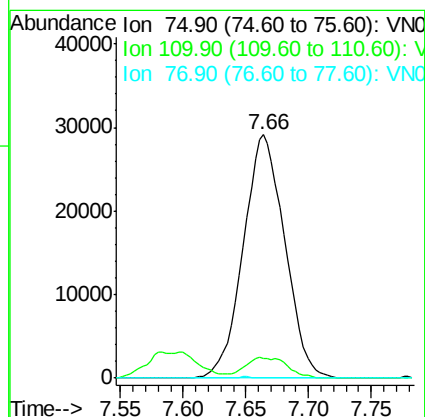
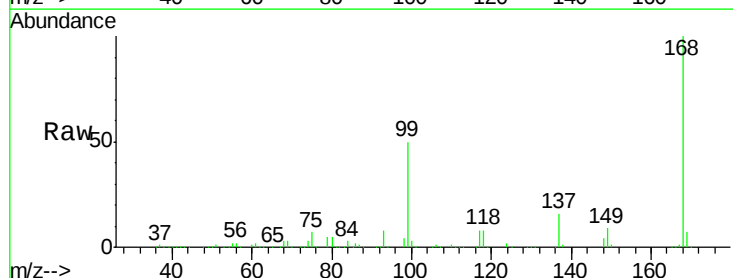
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

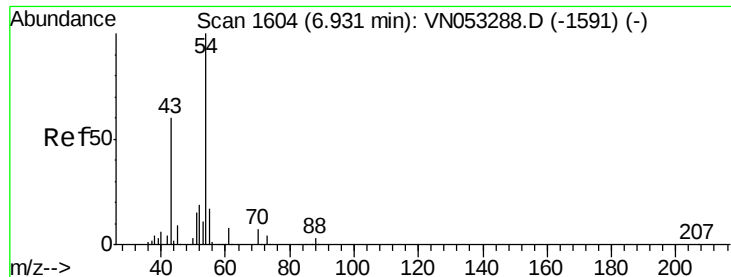
Tot Ion:113 Resp: 460505
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 22.8 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.477 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 75 Resp: 67046
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.0#
 77 0.0 25.3 37.9#

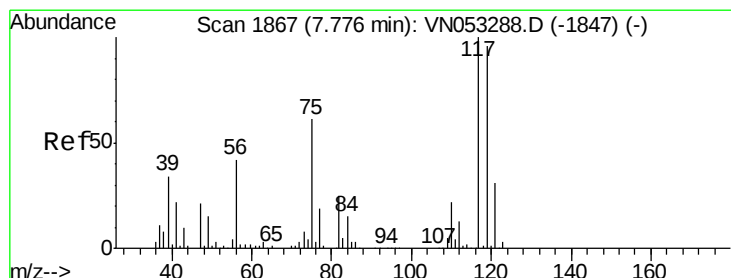
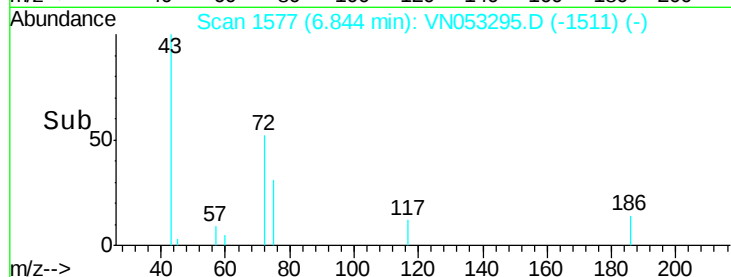
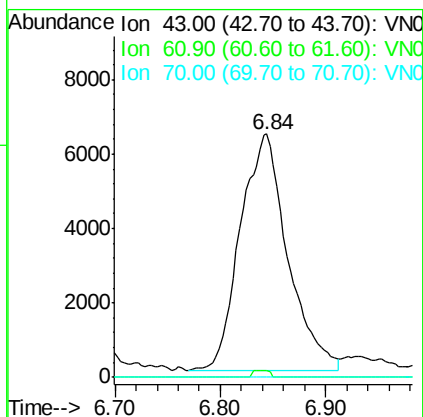
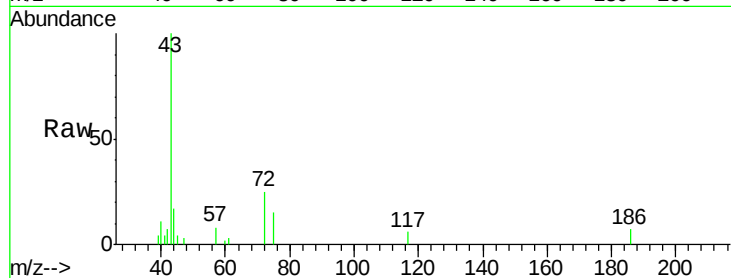




#37
Ethyl Acetate
Concen: 2.035 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

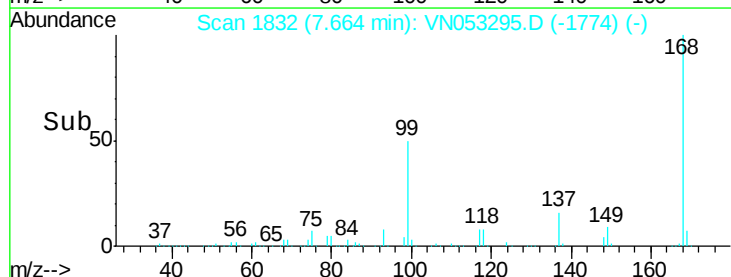
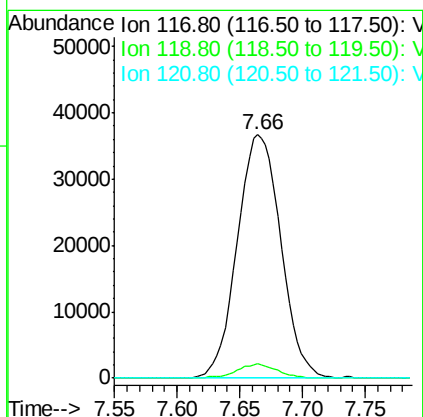
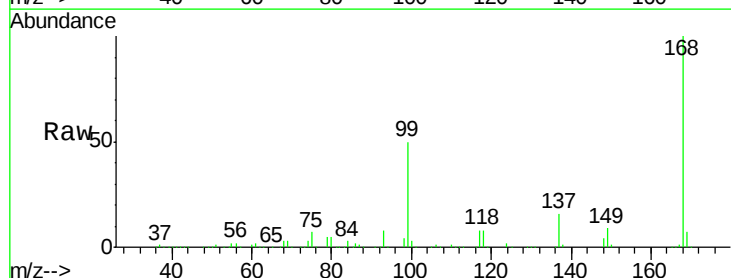
Instrument :
MSVOA_N
ClientSampleId :
TRE-COMP-1

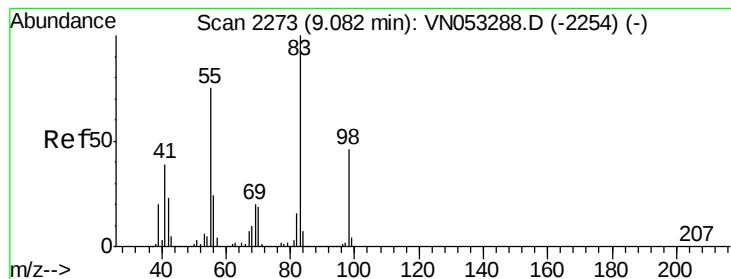
Tot Ion: 43 Resp: 19851
Ion Ratio Lower Upper
43 100
61 1.0 11.9 17.9#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion: 117 Resp: 88391
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 25.0 37.4#





#39

Methvlcvclohexane

Concen: 0.576 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

TRE-COMP-1

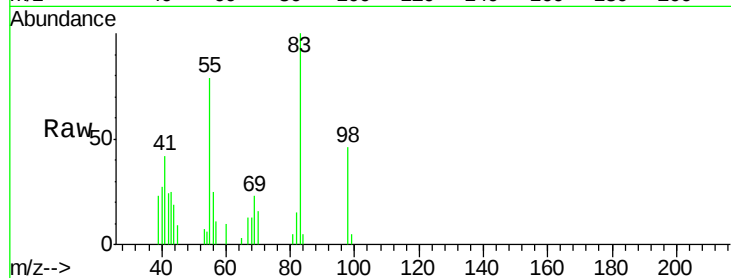
Tot Ion: 83 Resp: 9999

Ion Ratio Lower Upper

83 100

55 78.8 60.1 90.1

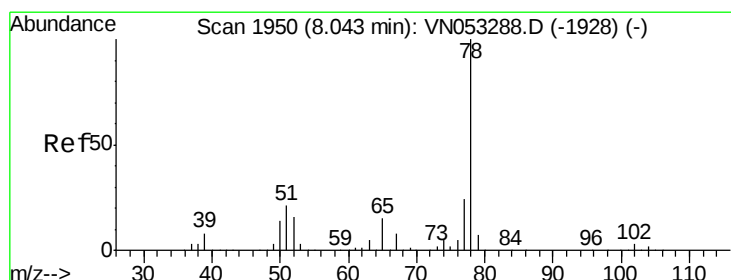
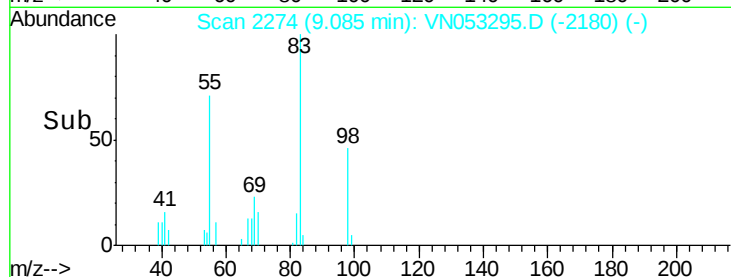
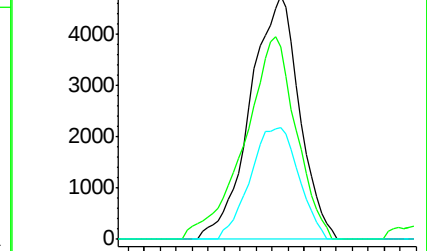
98 45.9 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN053288.D (-2254) (-)

Ion 55.00 (54.70 to 55.70): VN053288.D (-2254) (-)

Ion 98.00 (97.70 to 98.70): VN053288.D (-2254) (-)



#40

Benzene

Concen: 13.639 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053295.D

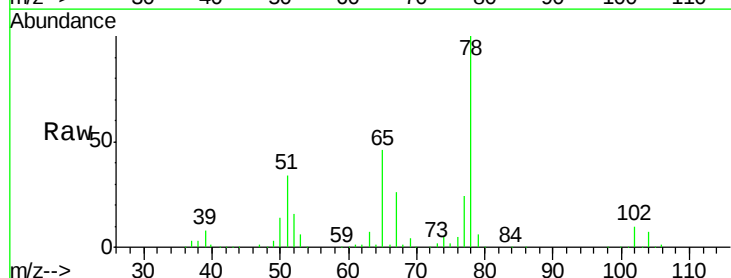
Acq: 7 Jan 2019 11:00

Tgt Ion: 78 Resp: 623958

Ion Ratio Lower Upper

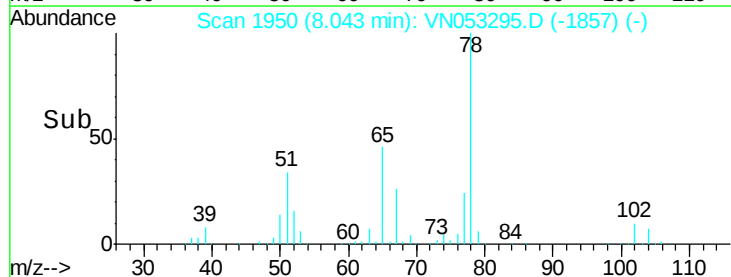
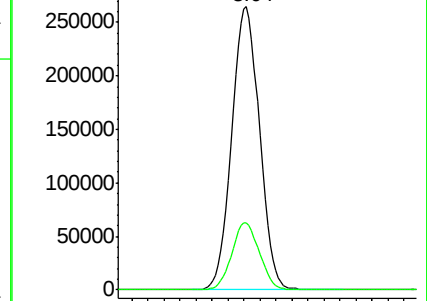
78 100

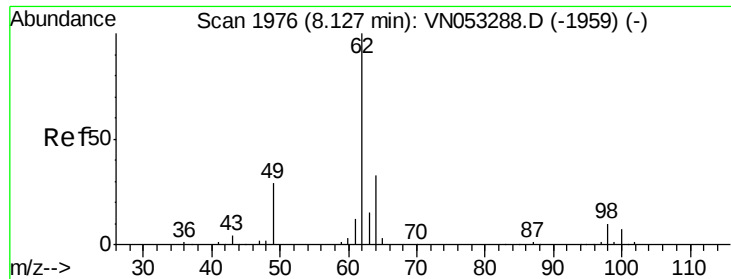
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN053288.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN053288.D (-1928) (-)

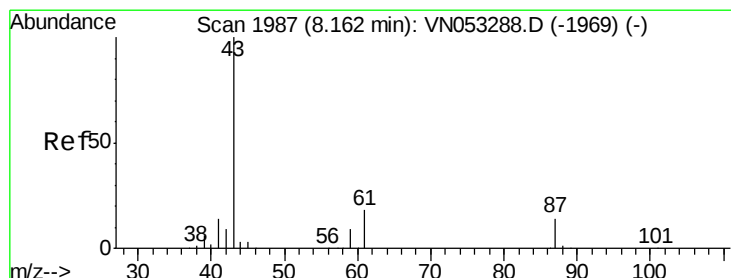
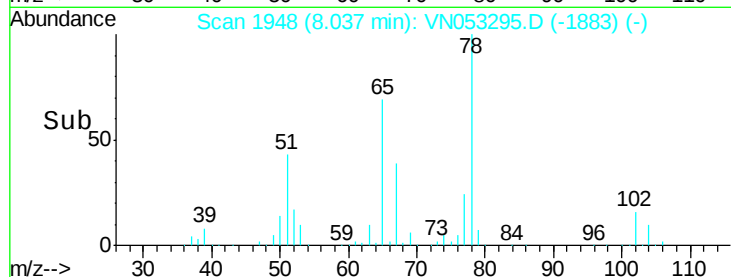
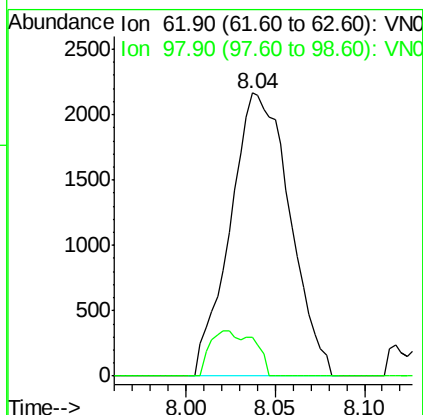
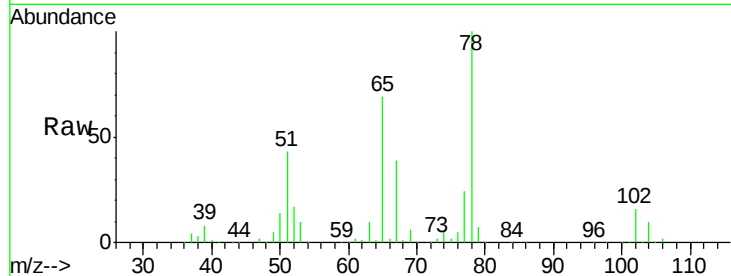




#42
 1,2-Dichloroethane
 Concen: 0.372 ug/l
 RT: 8.04 min Scan# 1948
 Delta R.T. -0.09 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

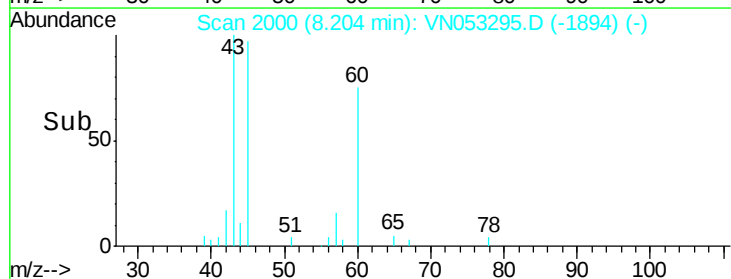
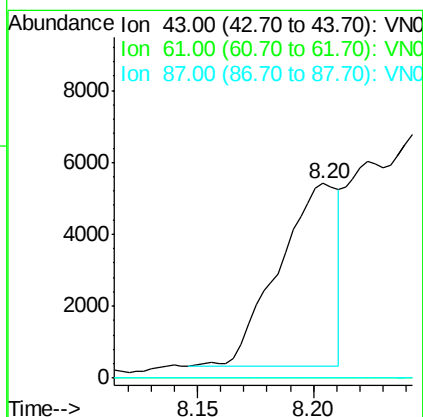
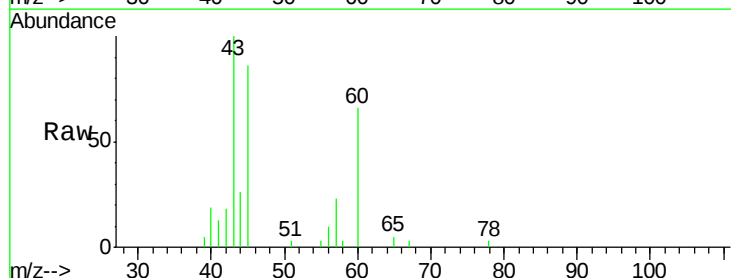
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

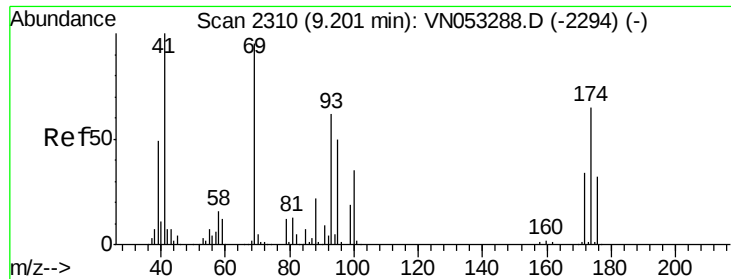
Tot Ion: 62 Resp: 5042
 Ion Ratio Lower Upper
 62 100
 98 11.7 0.0 20.2



#43
 Isopropyl Acetate
 Concen: 0.468 ug/l
 RT: 8.20 min Scan# 2000
 Delta R.T. 0.04 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 43 Resp: 8978
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.3 34.9#
 87 0.0 10.8 16.2#

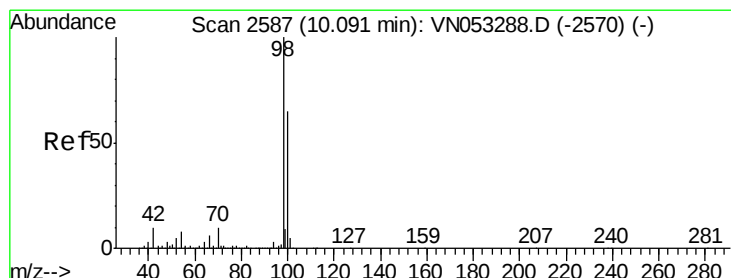
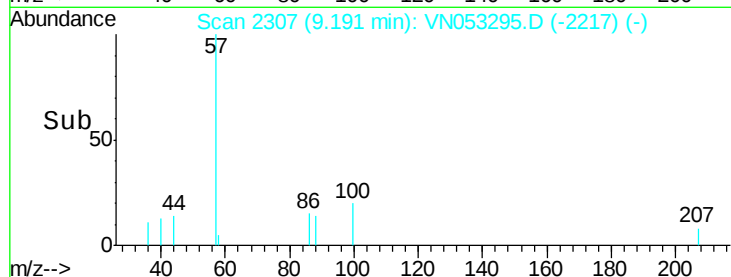
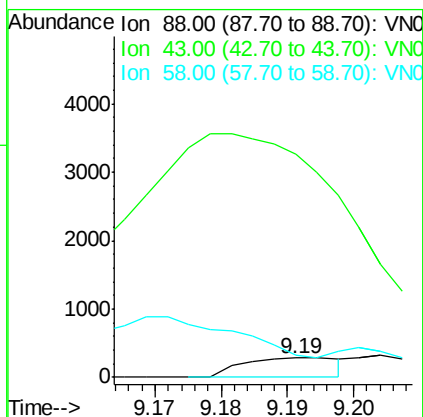
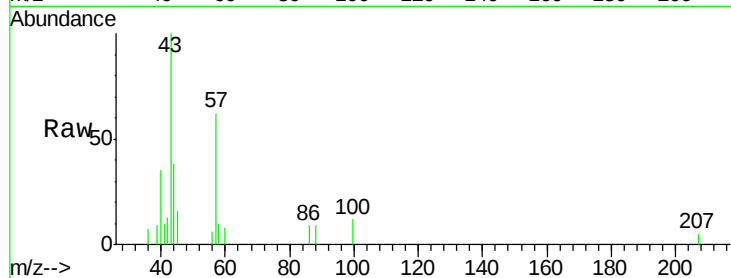




#49
1,4-Dioxane
Concen: 3.154 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.01 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

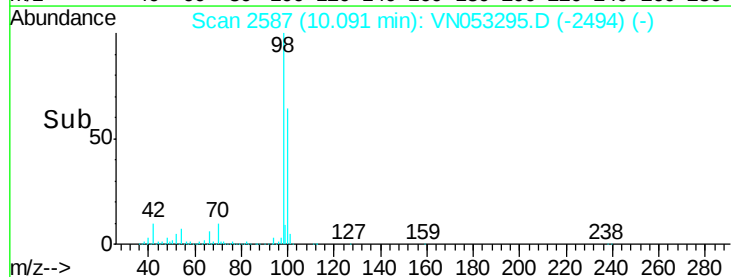
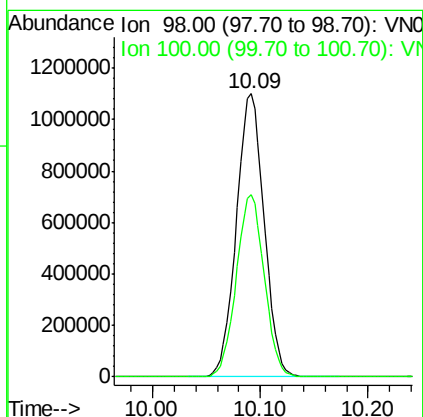
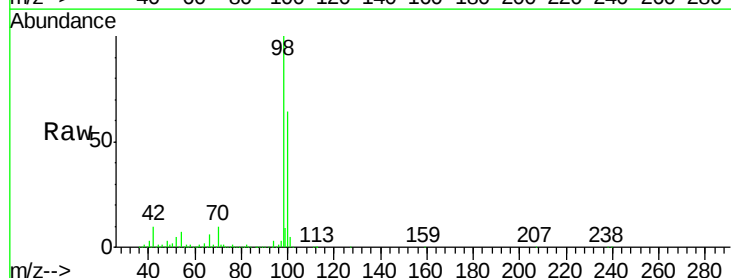
Instrument :
MSVOA_N
ClientSampleId :
TRE-COMP-1

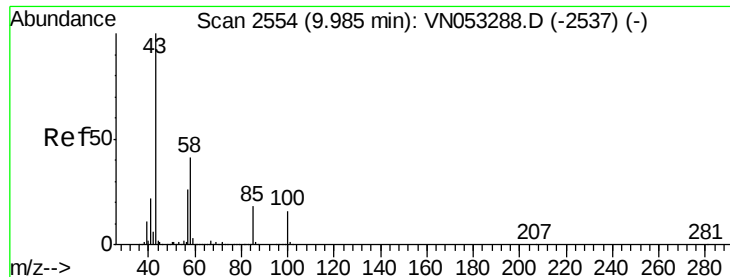
Tot Ion: 88 Resp: 293
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 137.9 55.5 83.3#



#50
Toluene-d8
Concen: 3.154 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion: 98 Resp: 1980030
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

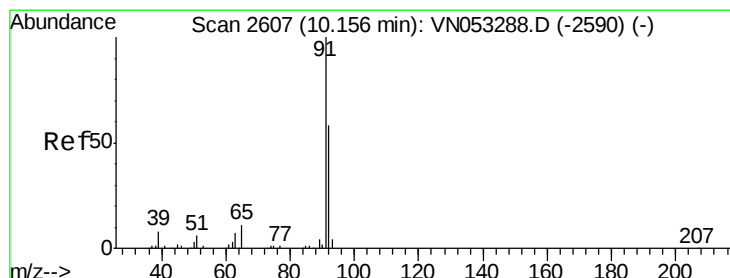
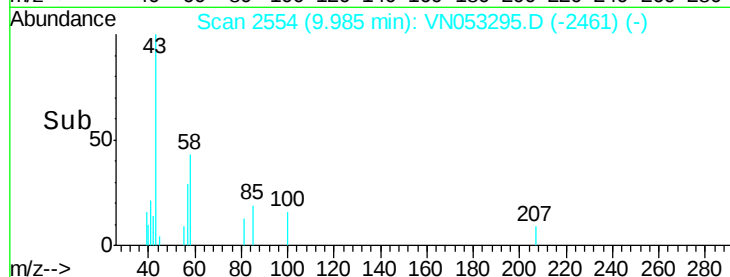
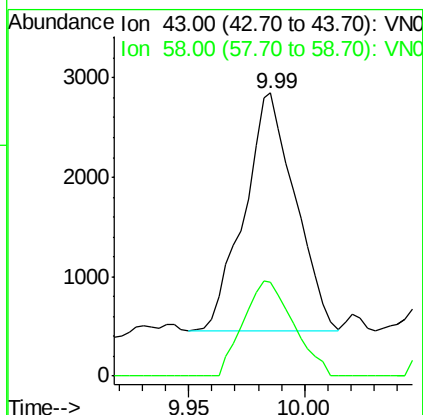
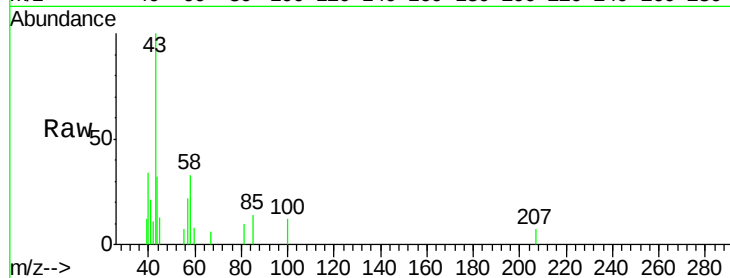




#51
 4-Methyl-2-Pentanone
 Concen: 0.381 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

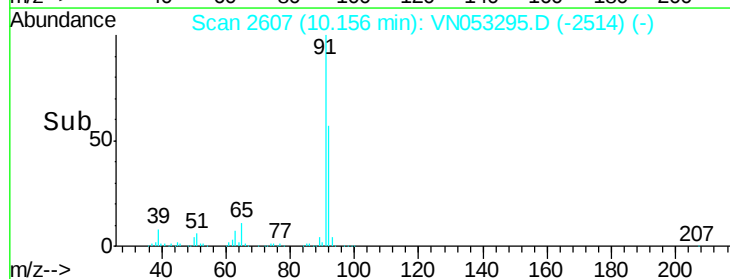
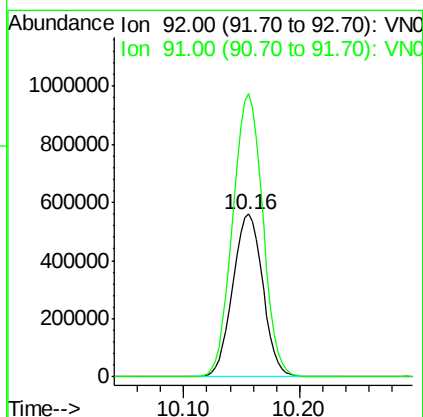
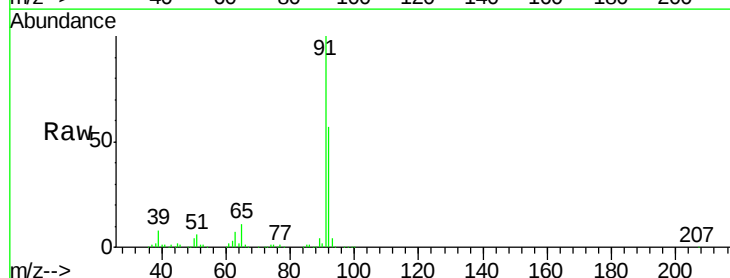
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

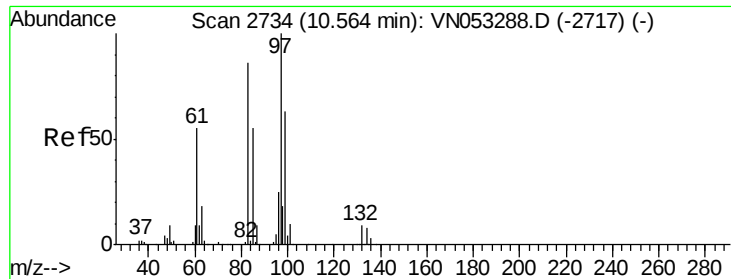
Tot Ion: 43 Resp: 3677
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.7 49.1



#52
 Toluene
 Concen: 35.707 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 92 Resp: 1002170
 Ion Ratio Lower Upper
 92 100
 91 174.5 138.6 208.0

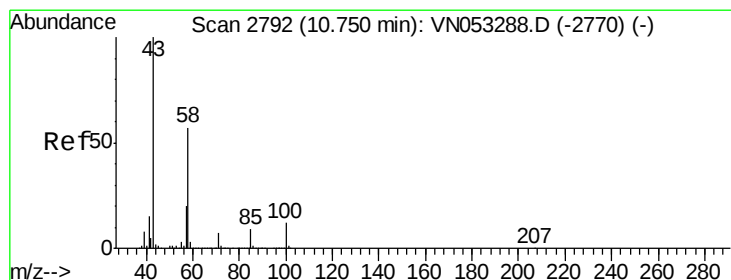
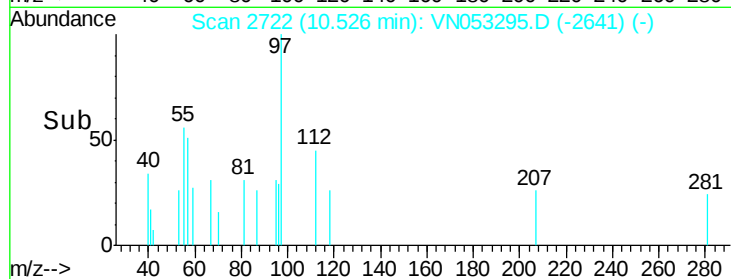
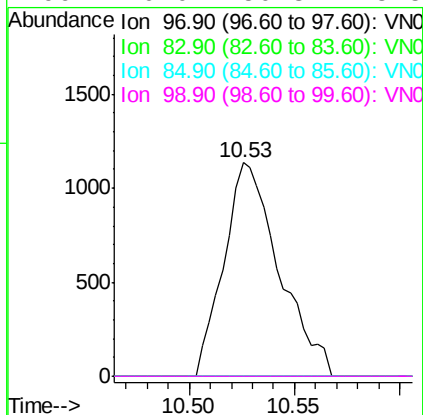
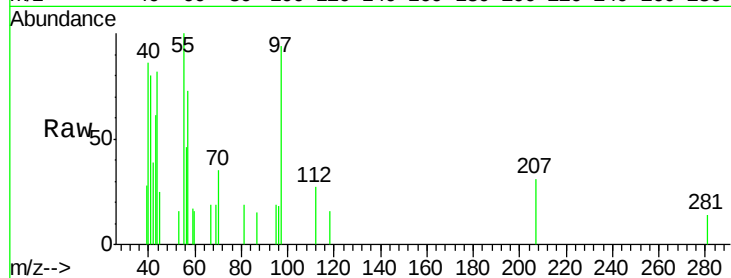




#55
 1,1,2-Trichloroethane
 Concen: 0.200 ug/l
 RT: 10.53 min Scan# 2722
 Delta R.T. -0.04 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

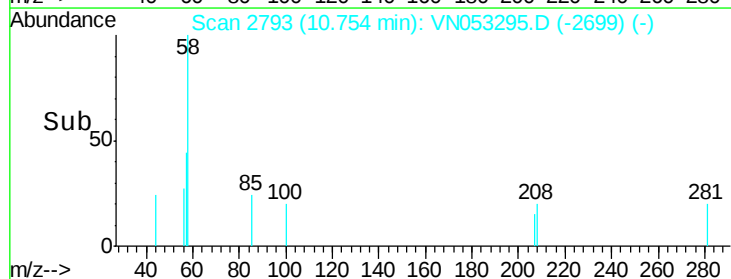
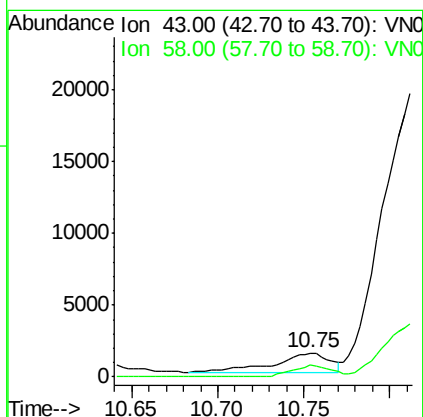
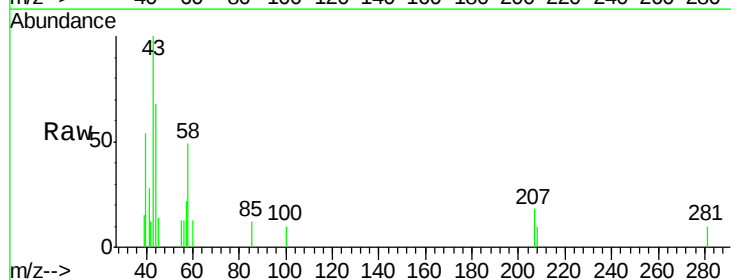
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

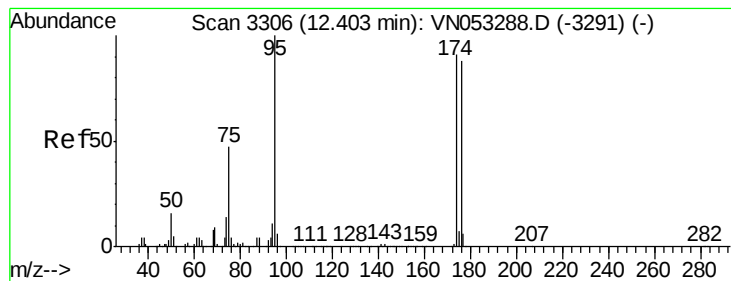
Tot Ion: 97 Resp: 2066
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.1 103.7#
 85 0.0 44.2 66.4#
 99 0.0 50.3 75.5#



#59
 2-Hexanone
 Concen: 0.457 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 43 Resp: 3022
 Ion Ratio Lower Upper
 43 100
 58 43.0 28.3 85.0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

TRE-COMP-1

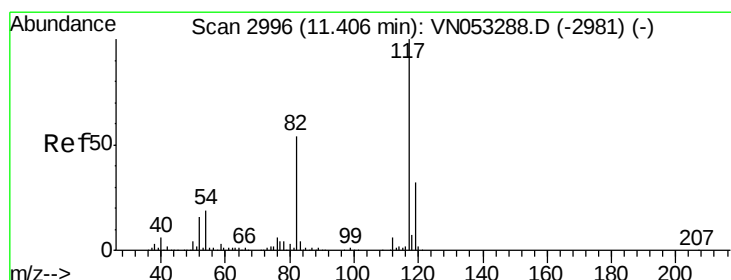
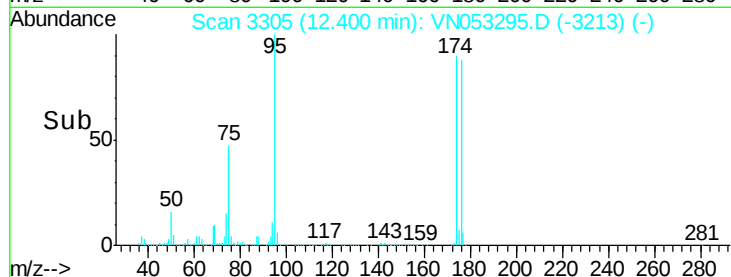
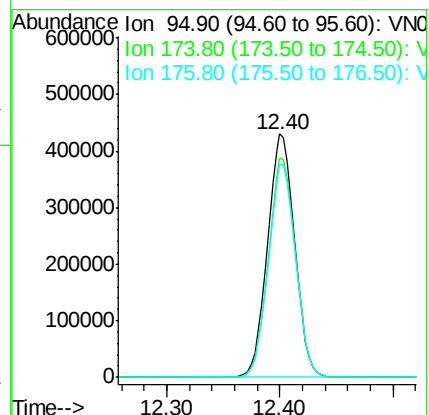
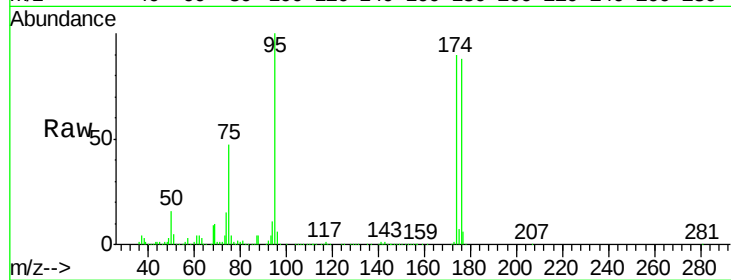
Tot Ion: 95 Resp: 713401

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.4

176 87.9 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

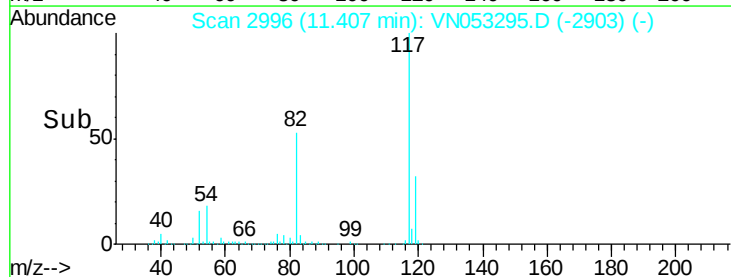
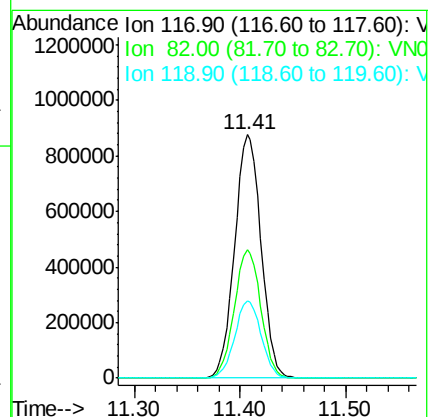
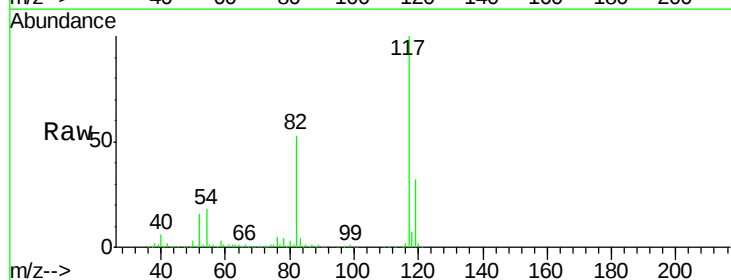
Tgt Ion: 117 Resp: 1511407

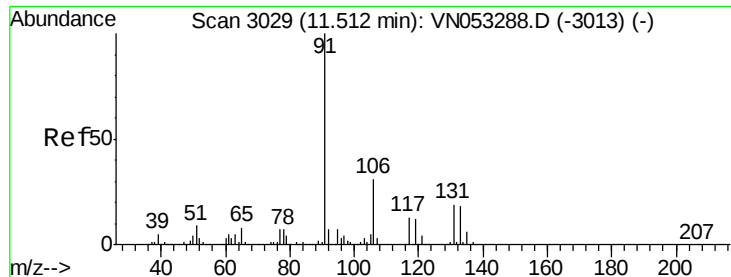
Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

119 31.9 25.6 38.4





#67

Ethyl Benzene

Concen: 9.855 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

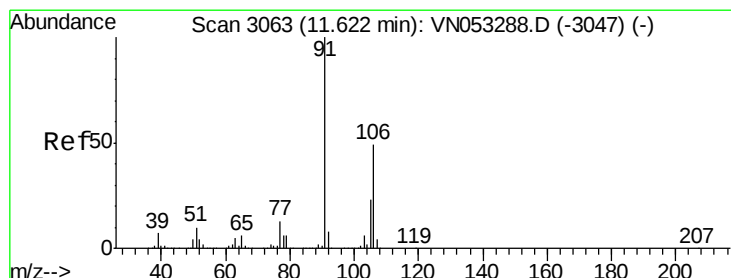
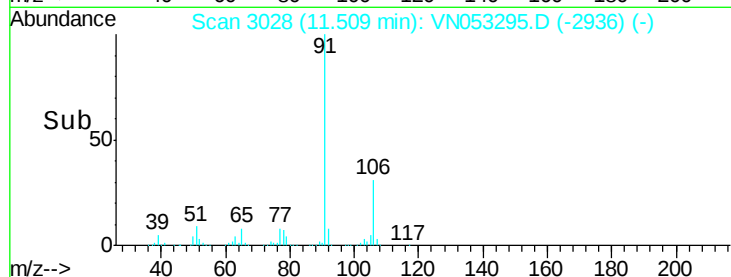
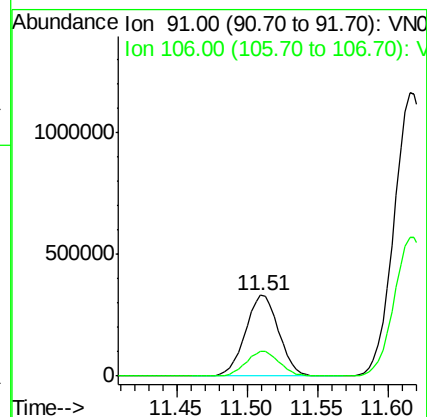
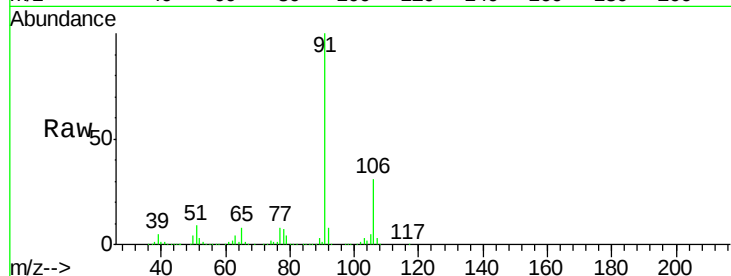
TRE-COMP-1

Tot Ion: 91 Resp: 549825

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 50.247 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN053295.D

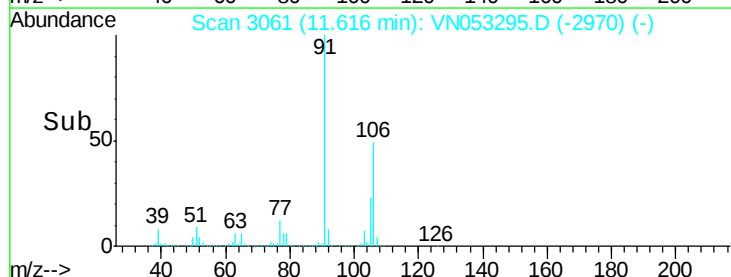
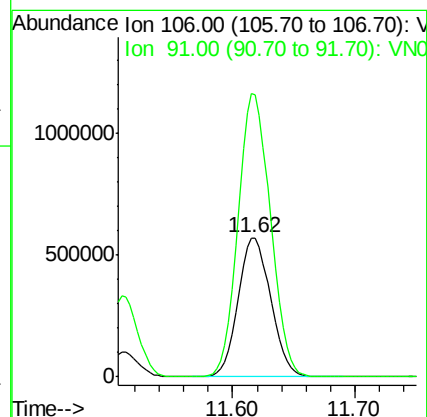
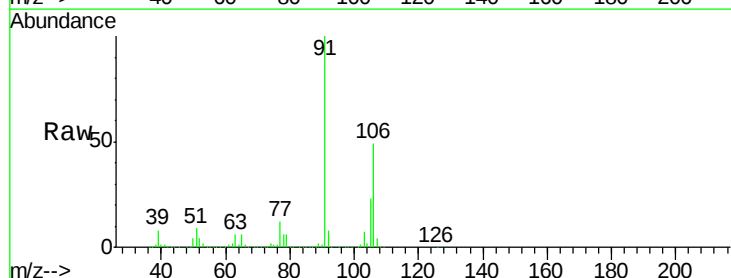
Acq: 7 Jan 2019 11:00

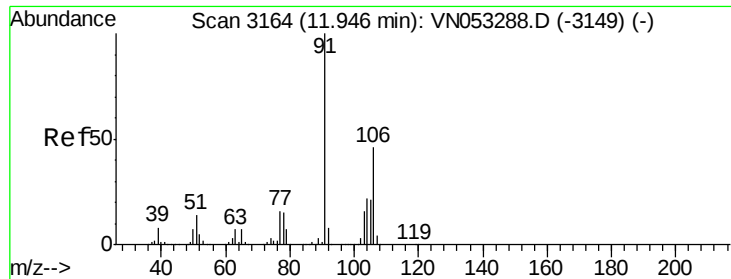
Tgt Ion: 106 Resp: 1054125

Ion Ratio Lower Upper

106 100

91 202.7 161.4 242.2

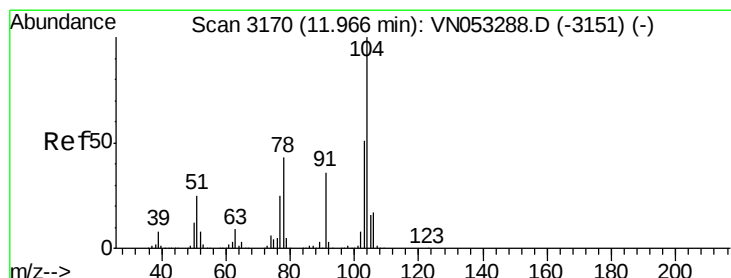
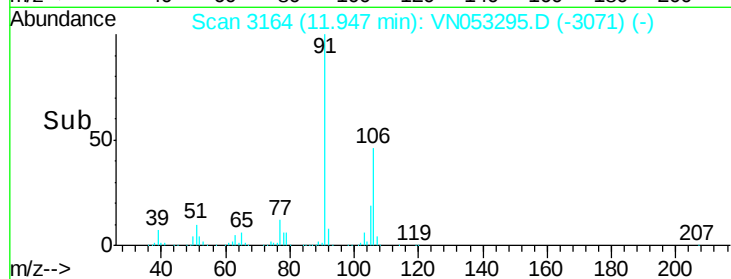
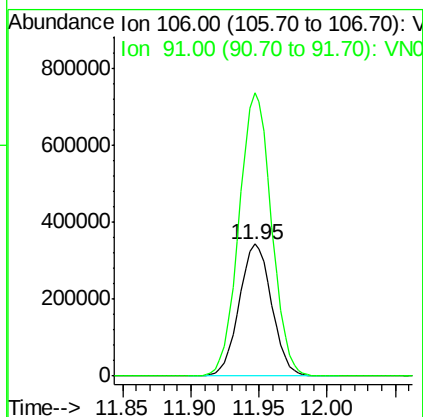
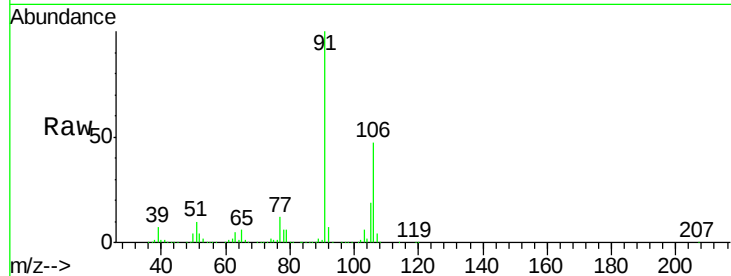




#69
o-Xylene
Concen: 27.615 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

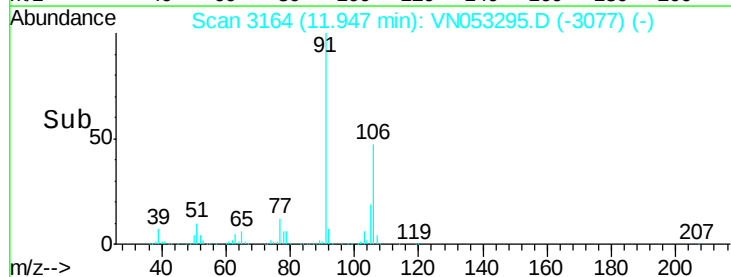
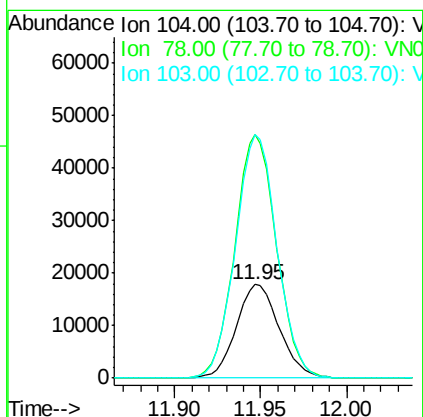
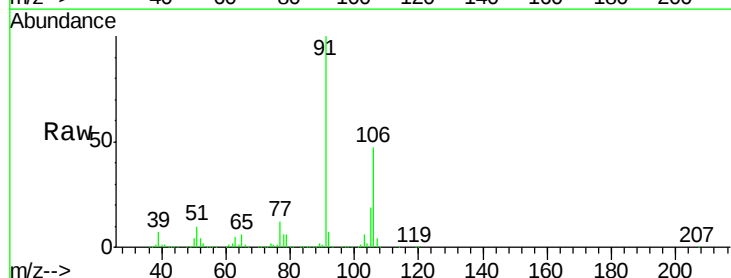
Instrument :
MSVOA_N
ClientSampled :
TRE-COMP-1

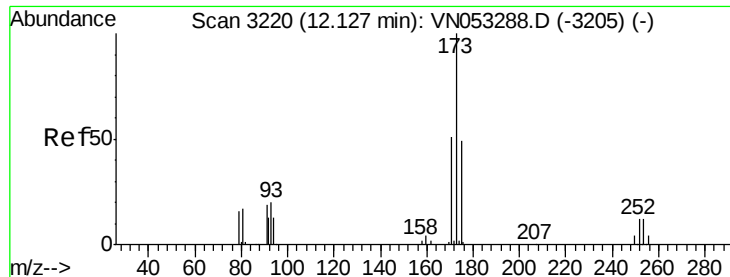
Tot Ion:106 Resp: 567179
Ion Ratio Lower Upper
106 100
91 214.5 106.8 320.4



#70
Styrene
Concen: 0.924 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion:104 Resp: 30901
Ion Ratio Lower Upper
104 100
78 252.0 38.5 57.7#
103 251.2 44.5 66.7#

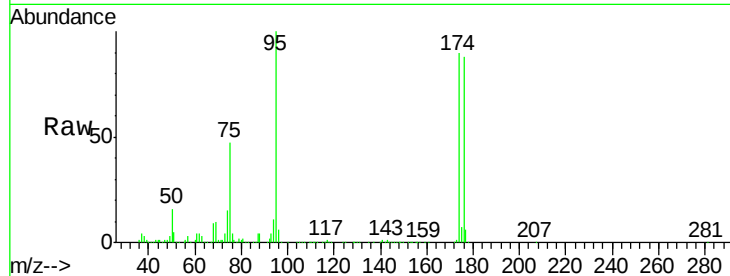




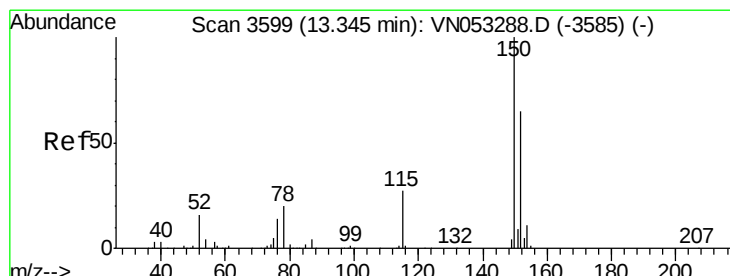
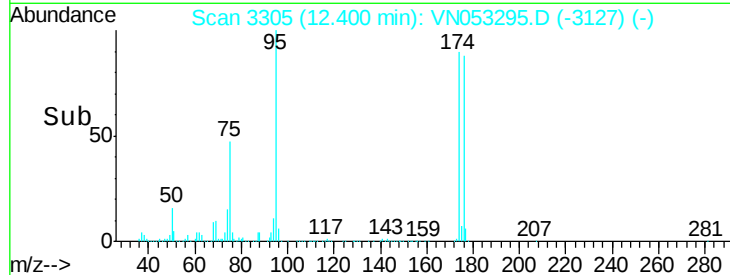
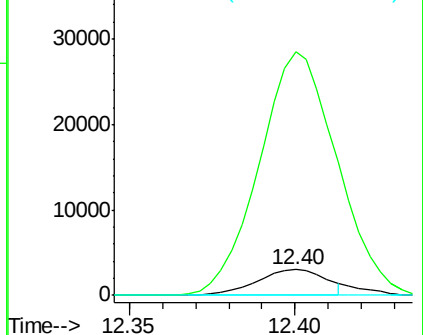
#71
Bromoform
Concen: 0.538 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Instrument :
MSVOA_N
ClientSampleId :
TRE-COMP-1

Tot Ion:173 Resp: 4368
Ion Ratio Lower Upper
173 100
175 943.7 24.3 72.8#
254 0.0 0.2 0.2#

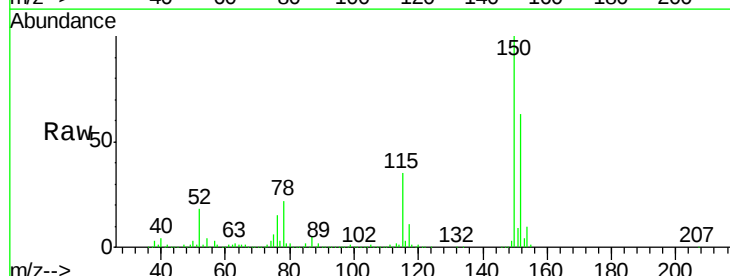


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

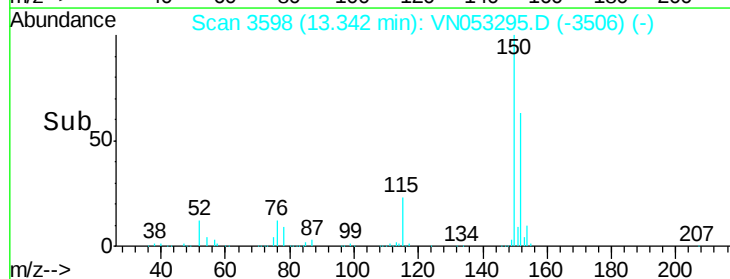
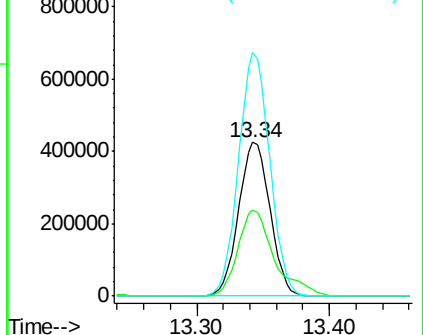


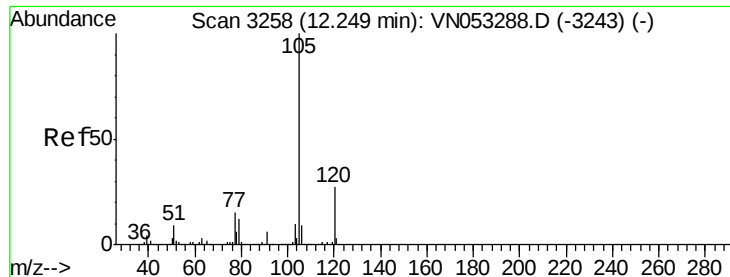
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion:152 Resp: 699225
Ion Ratio Lower Upper
152 100
115 64.1 28.0 84.0
150 157.5 0.0 346.6



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: 2.845 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

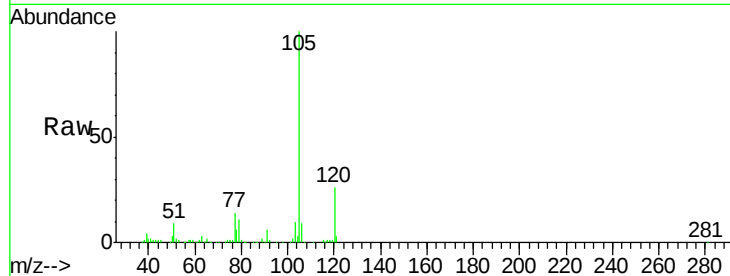
TRE-COMP-1

Tot Ion:105 Resp: 148127

Ion Ratio Lower Upper

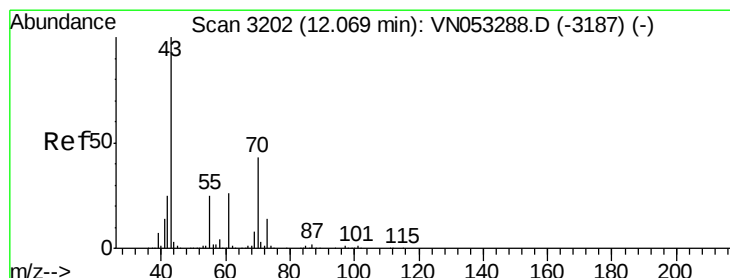
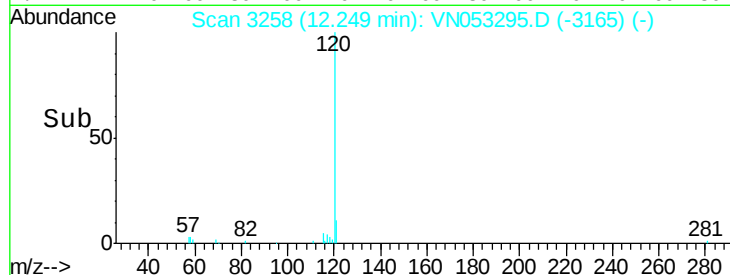
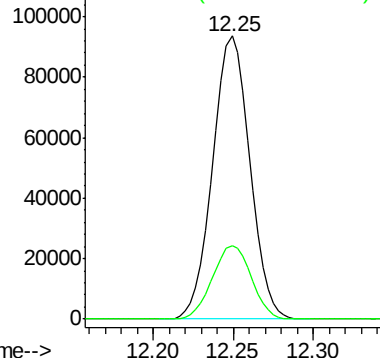
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.256 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Tgt Ion: 43 Resp: 3981

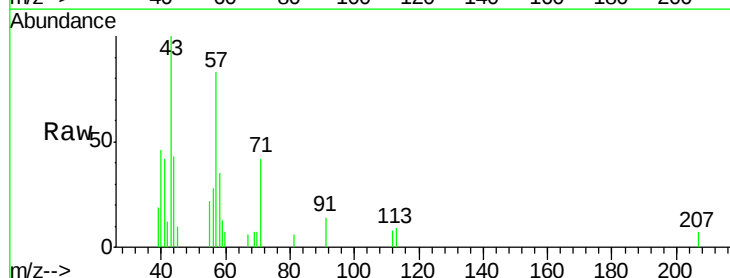
Ion Ratio Lower Upper

43 100

70 6.9 35.0 52.6#

55 6.1 20.0 30.0#

61 0.0 20.3 30.5#

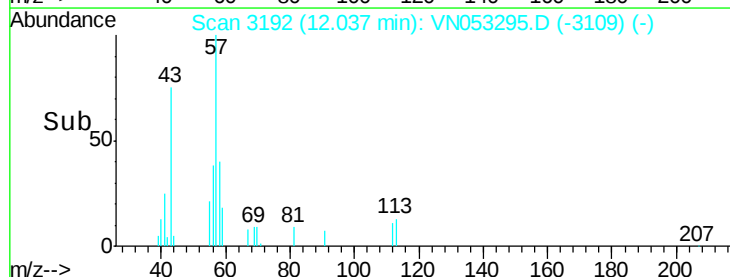
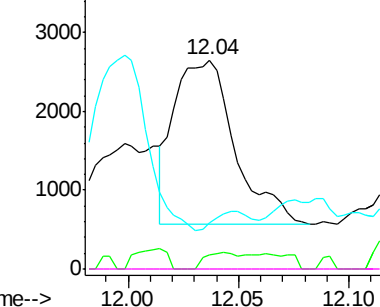


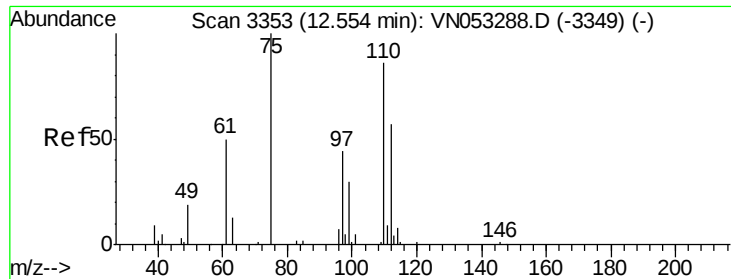
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 1.773 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. 0.10 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

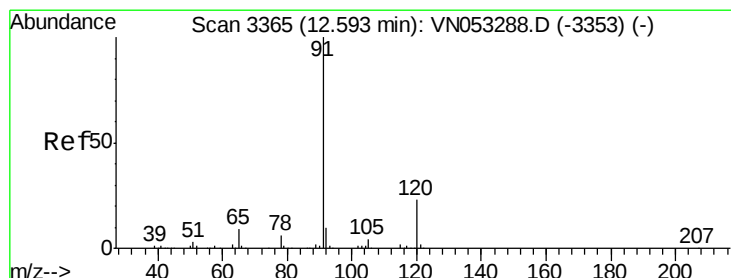
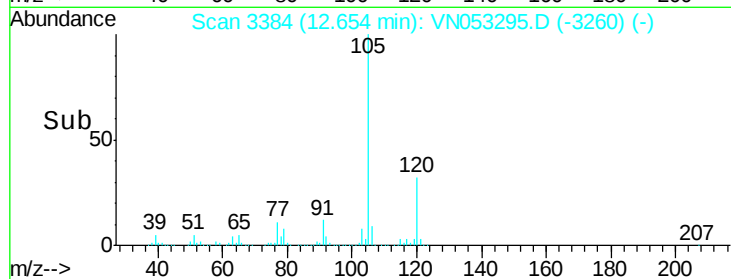
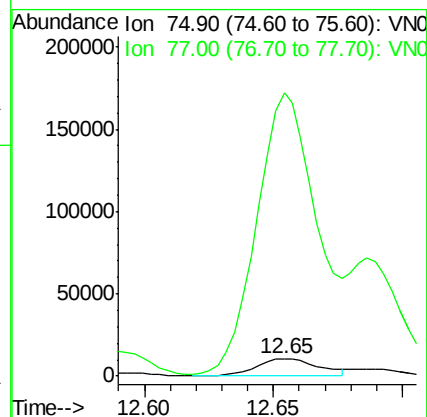
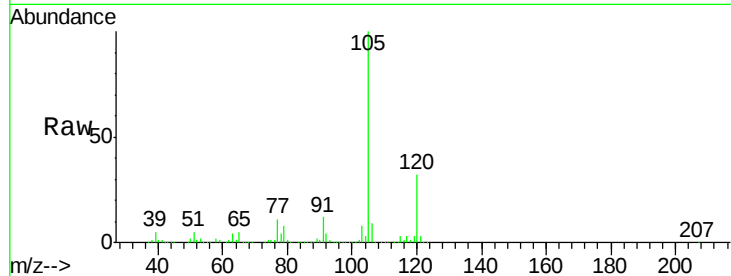
TRE-COMP-1

Tot Ion: 75 Resp: 18087

Ion Ratio Lower Upper

75 100

77 1544.0 0.0 0.0#



#78

n-propylbenzene

Concen: 11.042 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053295.D

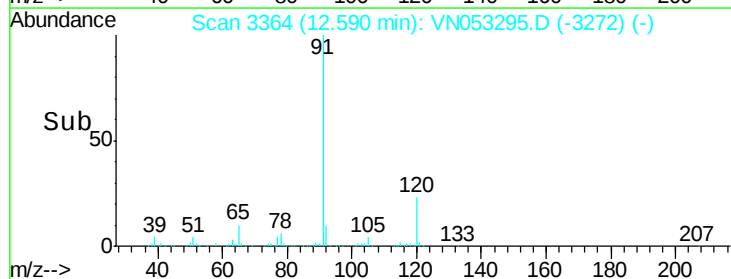
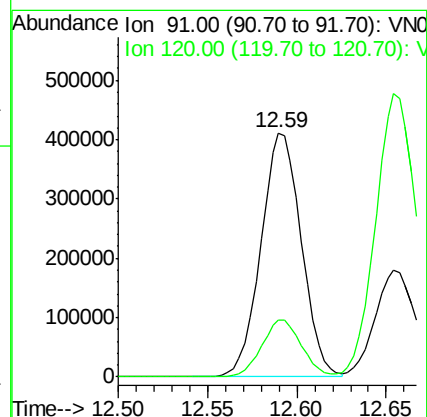
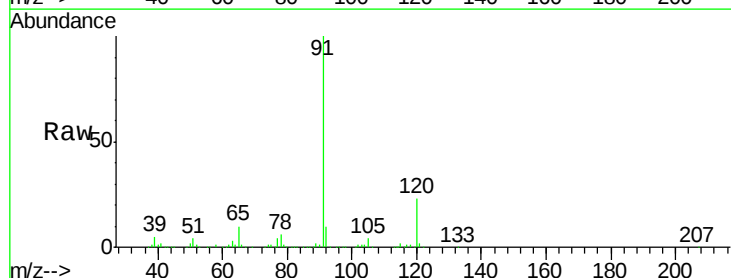
Acq: 7 Jan 2019 11:00

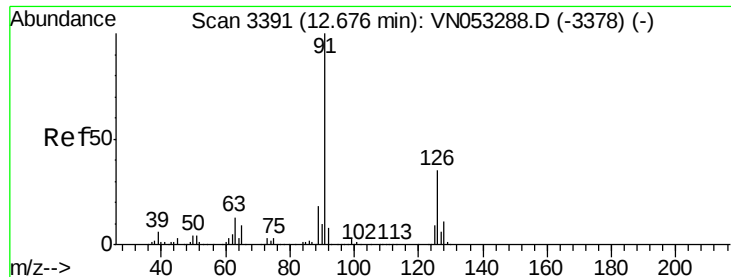
Tgt Ion: 91 Resp: 650219

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 7.727 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

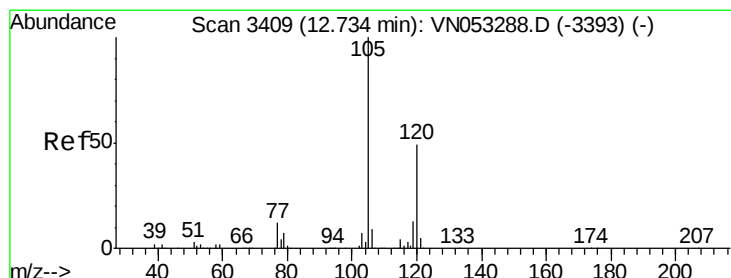
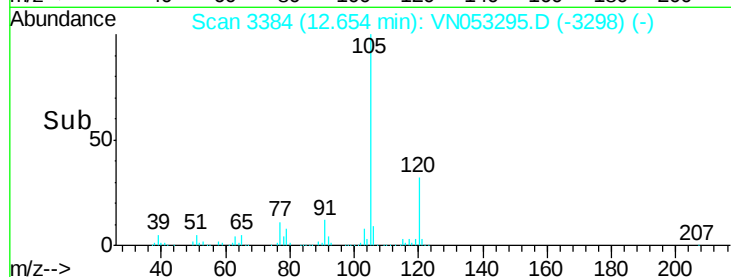
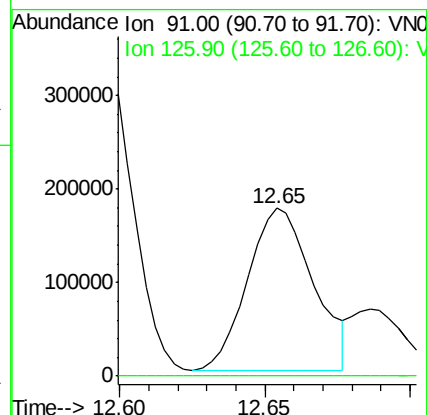
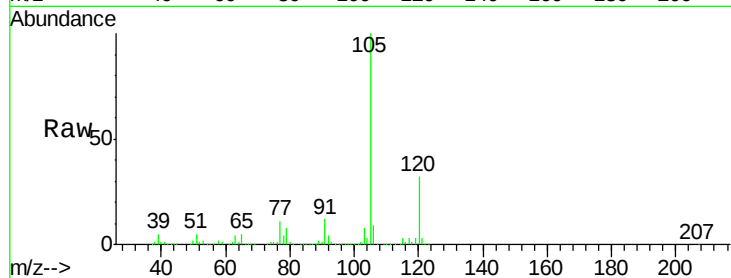
TRE-COMP-1

Tot Ion: 91 Resp: 275309

Ion Ratio Lower Upper

91 100

126 0.1 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 26.370 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053295.D

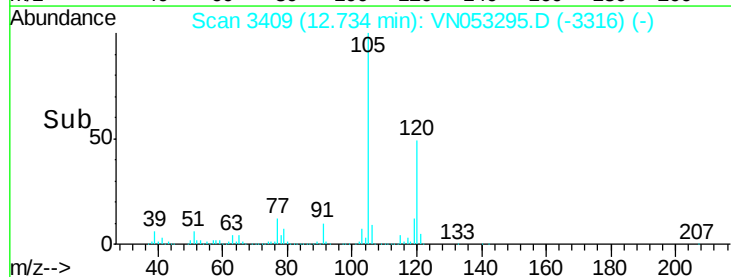
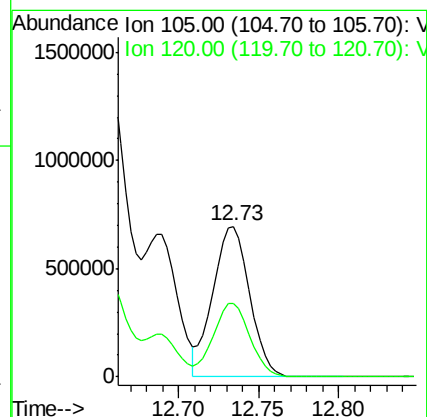
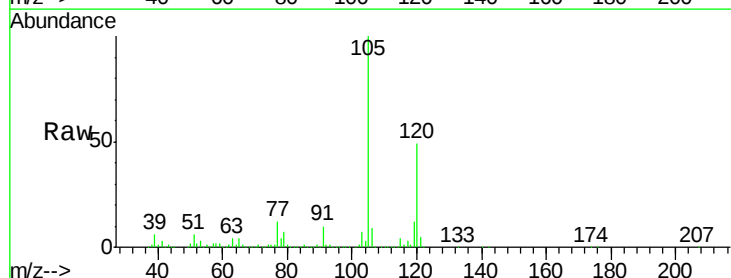
Acq: 7 Jan 2019 11:00

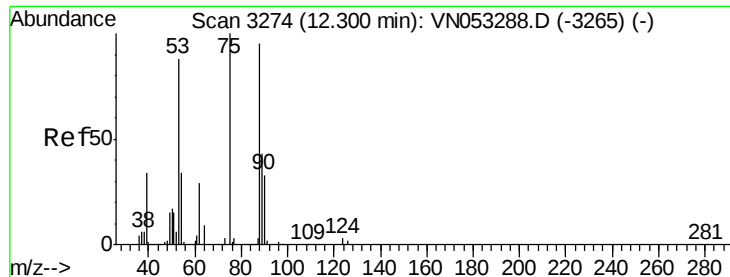
Tgt Ion: 105 Resp: 1105797

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 96.016 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

TRE-COMP-1

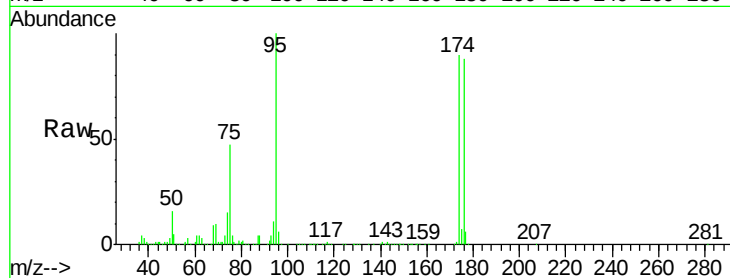
Tot Ion: 75 Resp: 332825

Ion Ratio Lower Upper

75 100

53 0.1 70.5 105.7#

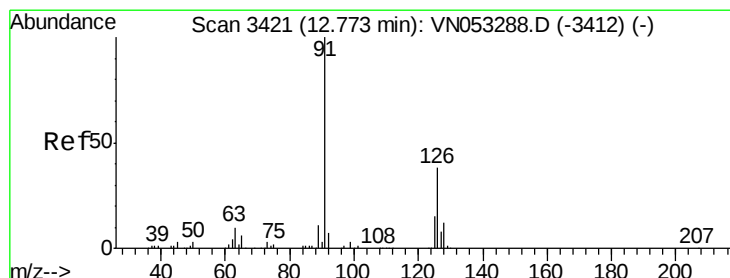
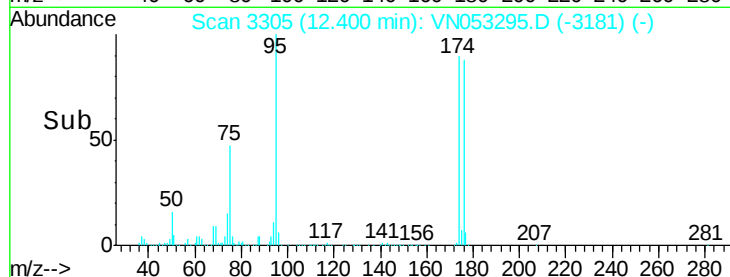
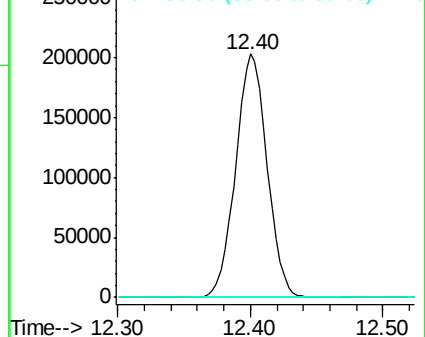
89 0.0 35.4 53.0#



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: 2.975 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053295.D

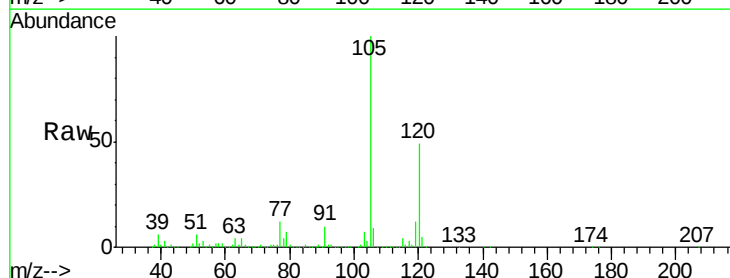
Acq: 7 Jan 2019 11:00

Tgt Ion: 91 Resp: 108682

Ion Ratio Lower Upper

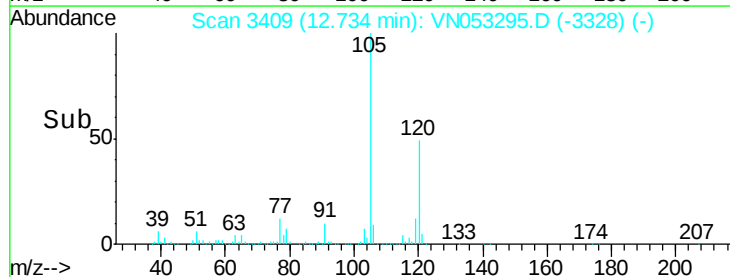
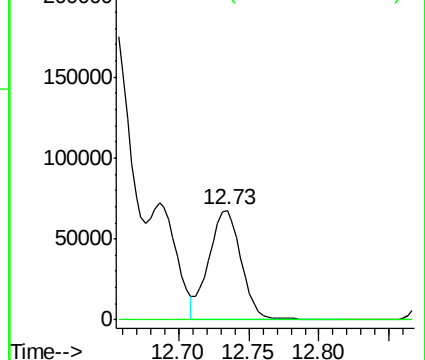
91 100

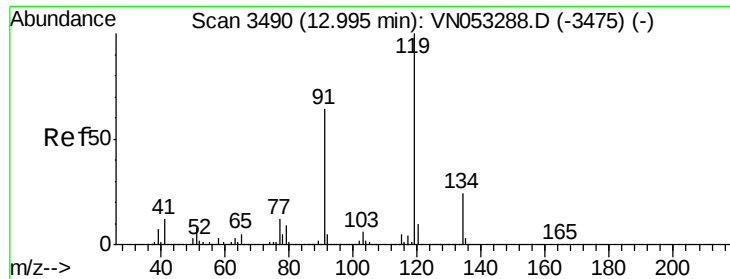
126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

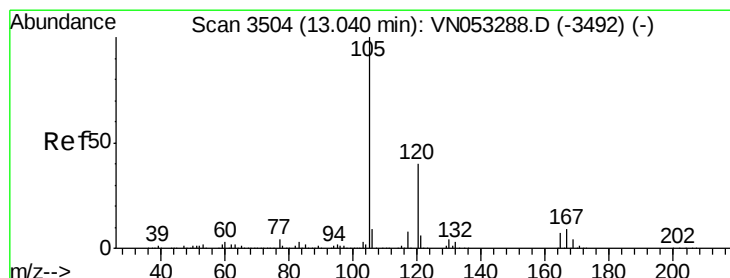
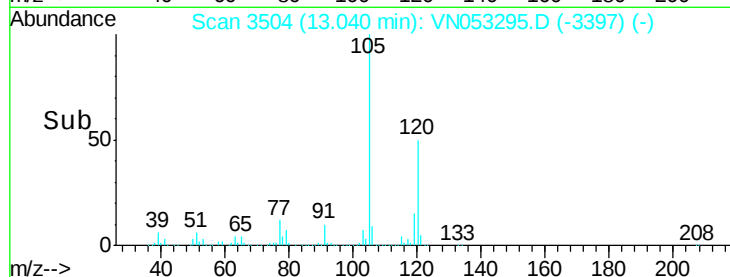
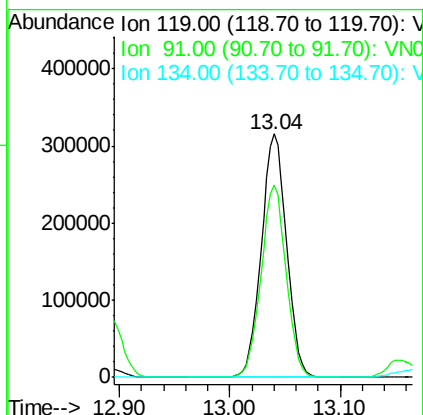
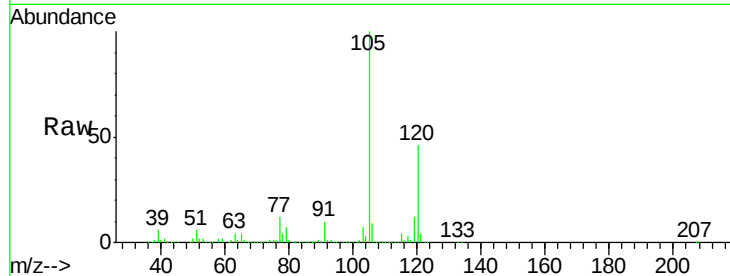




#83
 tert-Butylbenzene
 Concen: 13.575 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

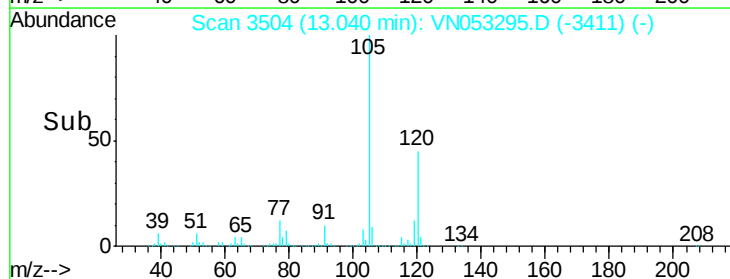
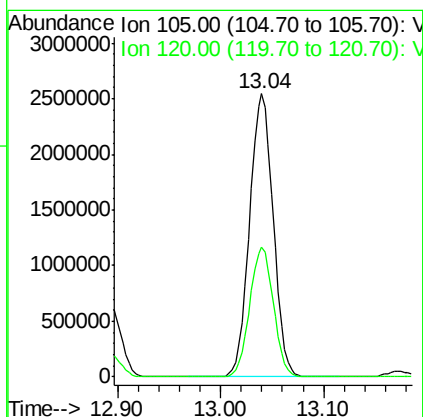
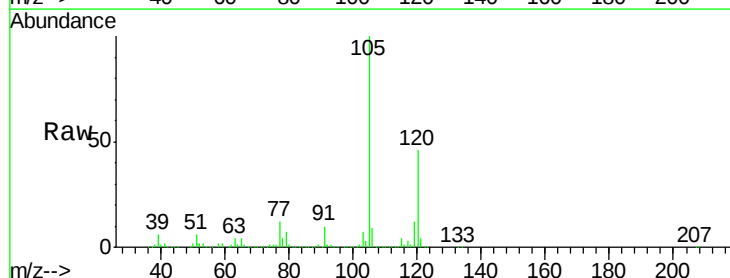
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-COMP-1

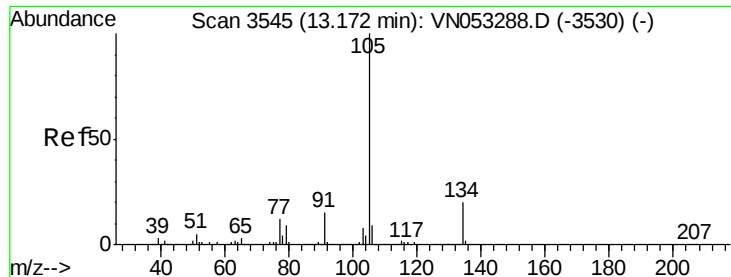
Tot Ion:119 Resp: 499454
 Ion Ratio Lower Upper
 119 100
 91 78.5 31.6 95.0
 134 0.0 12.9 38.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 94.020 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion:105 Resp: 4016571
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0

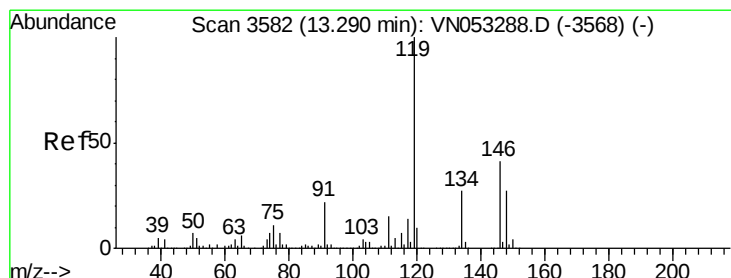
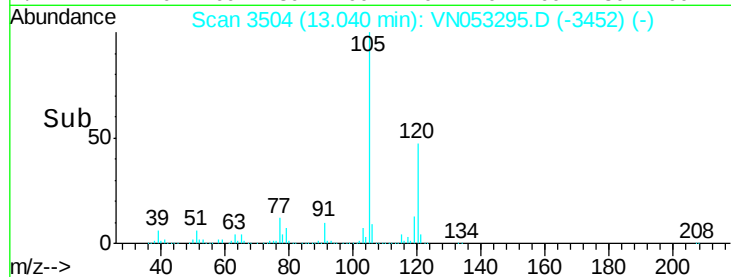
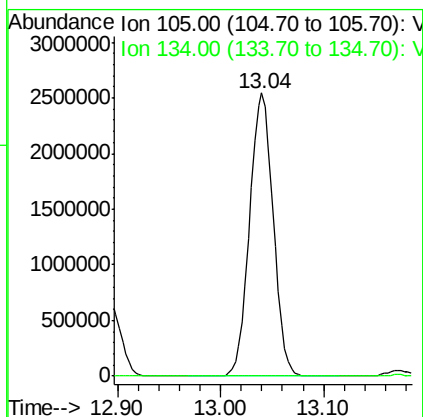
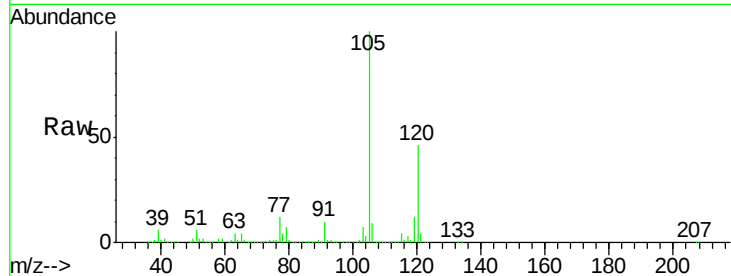




#85
 sec-Butylbenzene
 Concen: 82.781 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

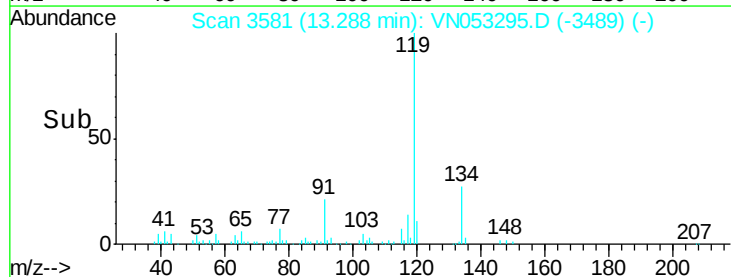
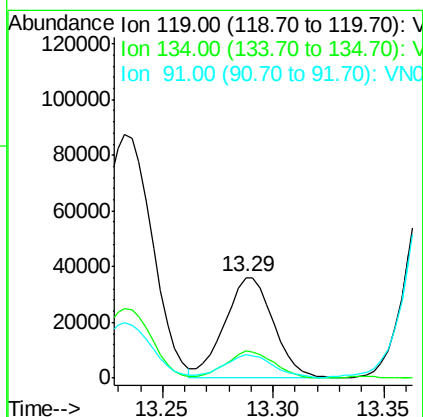
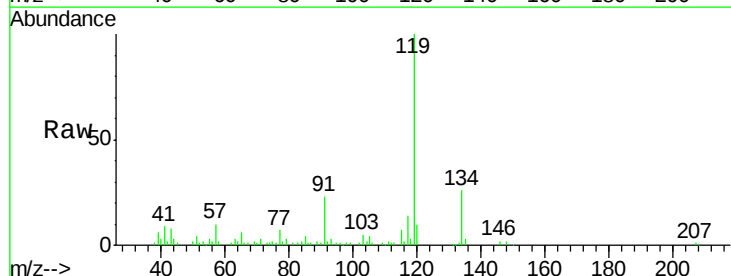
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

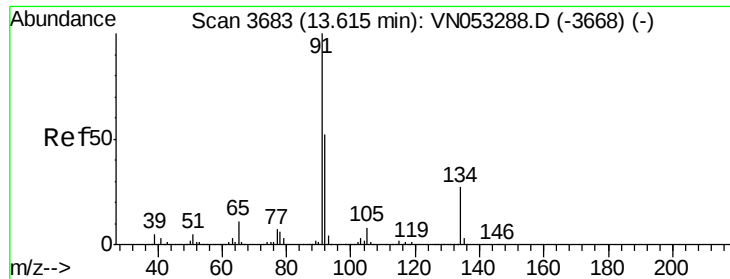
Tot Ion:105 Resp: 4016571
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 1.308 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion:119 Resp: 54966
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.1
 91 21.3 11.1 33.1

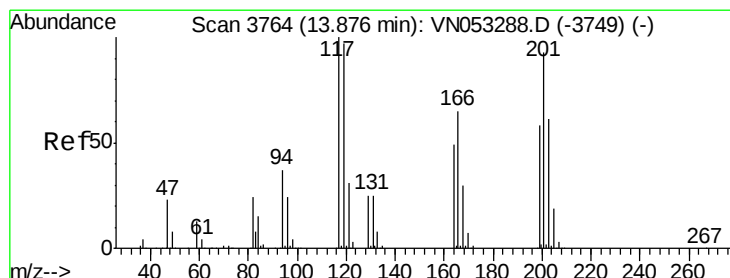
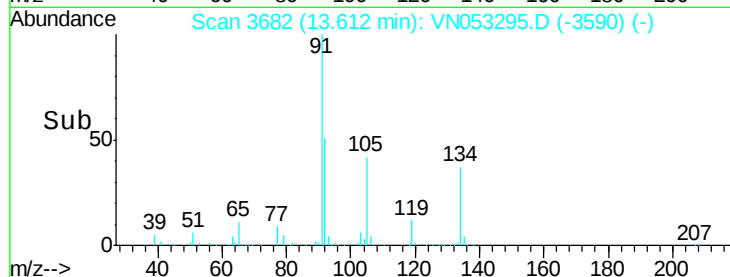
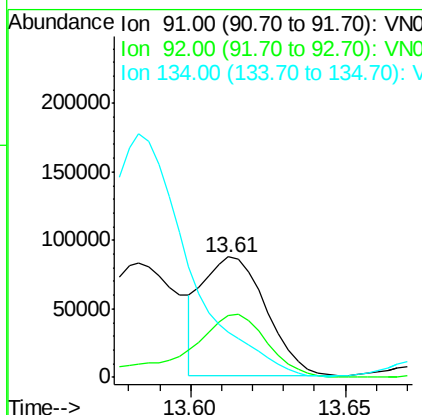
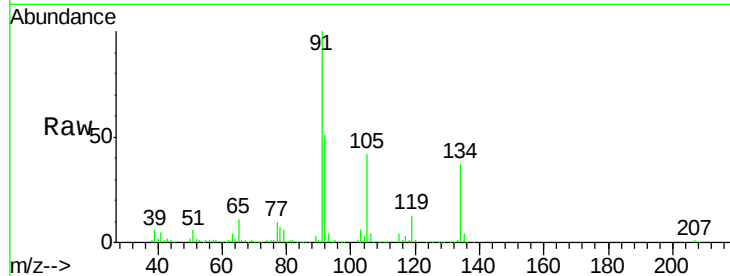




#89
n-Butylbenzene
Concen: 3.521 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

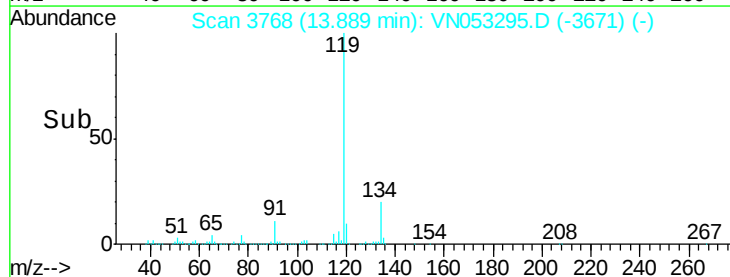
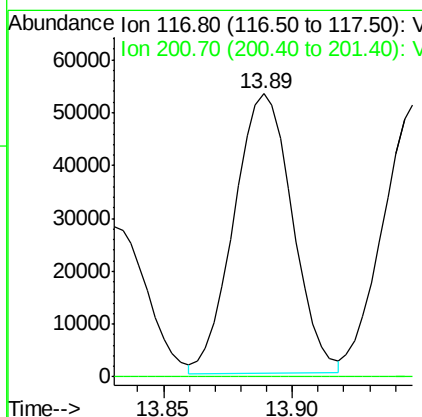
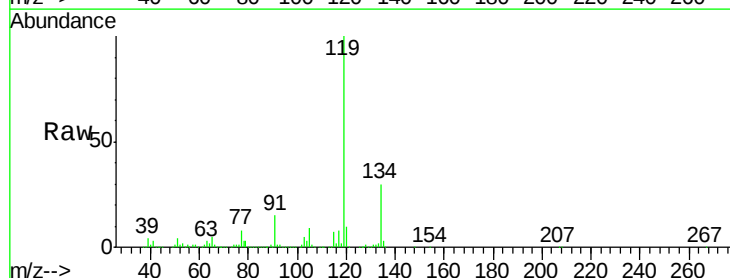
Instrument :
MSVOA_N
ClientSampled :
TRE-COMP-1

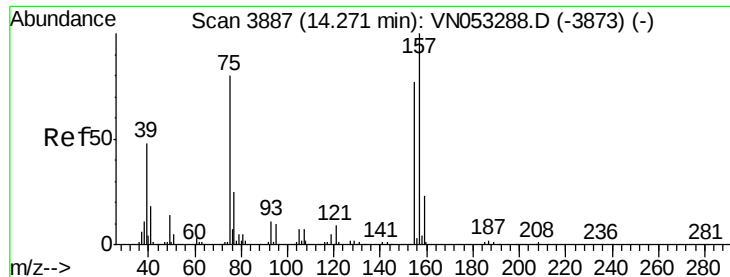
Tot Ion: 91 Resp: 123998
Ion Ratio Lower Upper
91 100
92 67.1 26.3 78.8
134 0.0 13.5 40.5#



#90
Hexachloroethane
Concen: 12.394 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053295.D
Acq: 7 Jan 2019 11:00

Tgt Ion: 117 Resp: 83453
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.3#

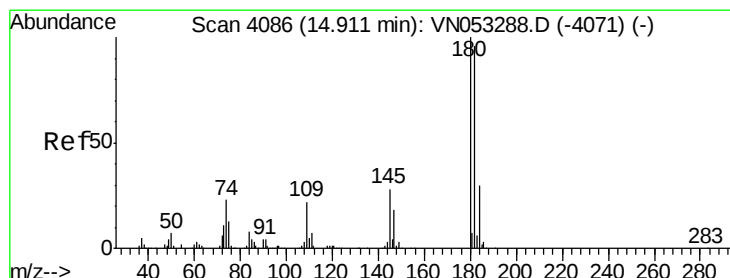
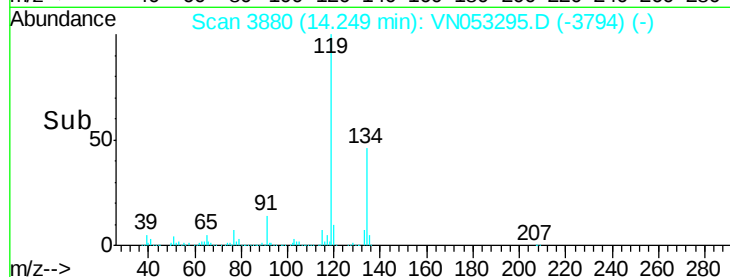
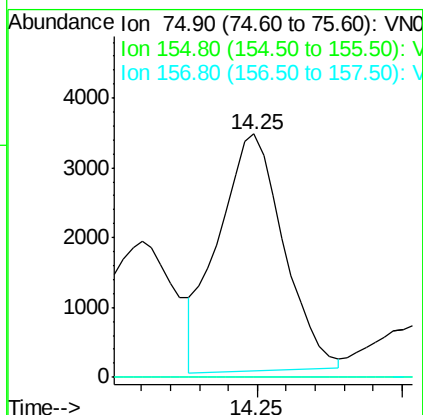
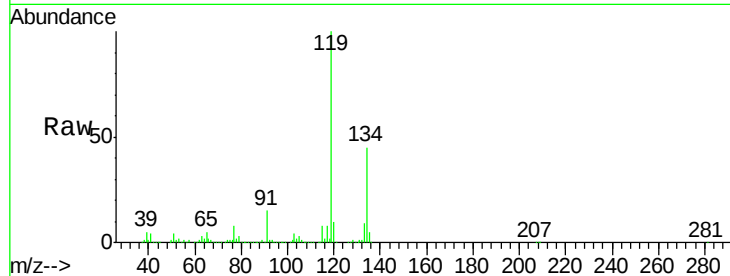




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.639 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

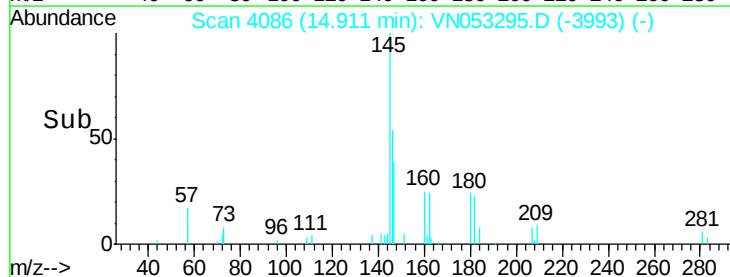
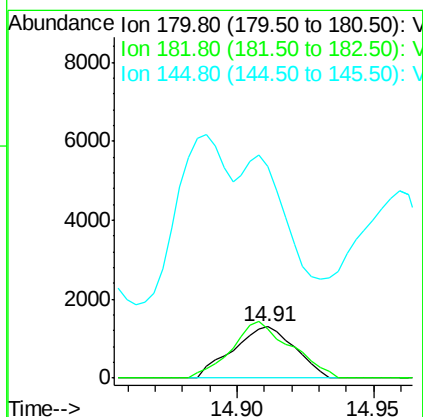
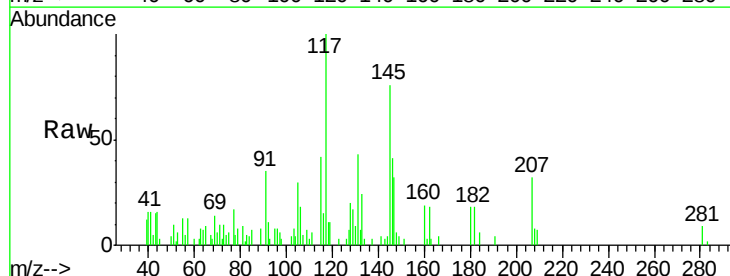
Instrument :
 MSVOA_N
 ClientSampled :
 TRE-COMP-1

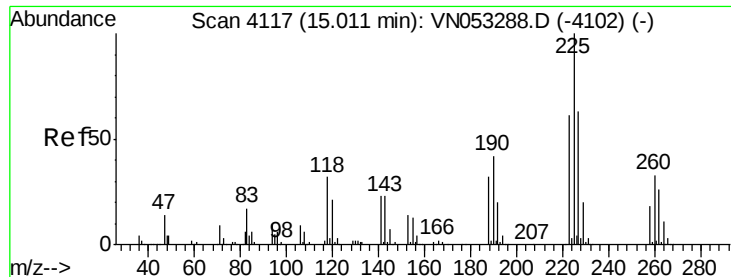
Tot Ion: 75 Resp: 5285
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.1 144.3#
 157 0.0 61.5 184.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Tgt Ion: 180 Resp: 2033
 Ion Ratio Lower Upper
 180 100
 182 106.3 47.8 143.4
 145 0.0 14.4 43.0#





#94

Hexachlorobutadiene

Concen: 0.437 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

TRE-COMP-1

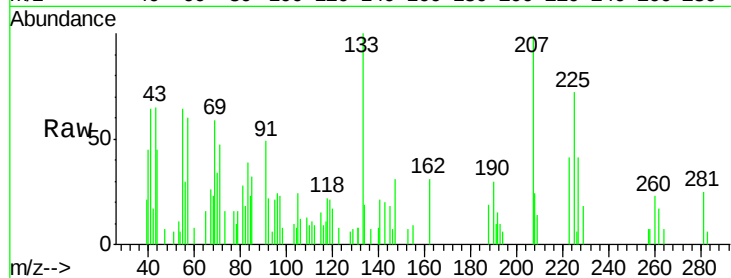
Tot Ion:225 Resp: 2573

Ion Ratio Lower Upper

225 100

223 67.2 30.9 92.8

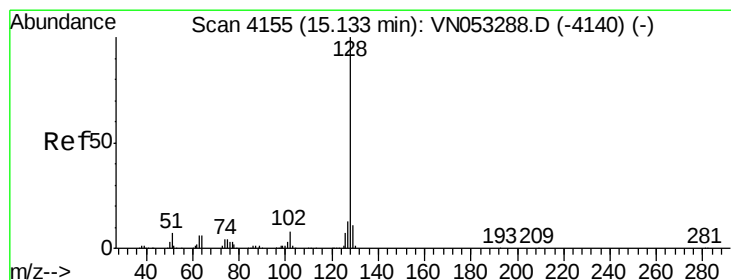
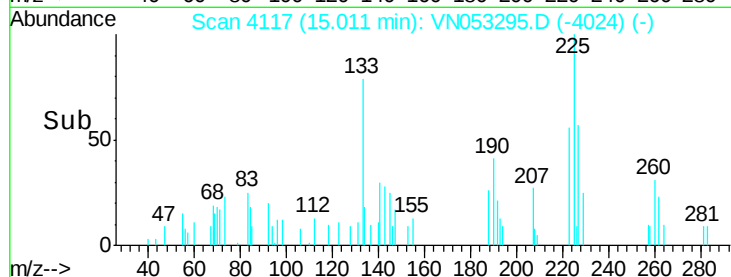
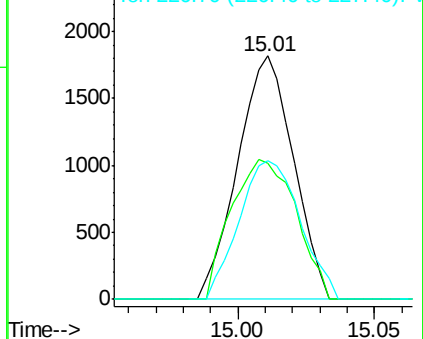
227 62.5 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 31.401 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053295.D

Acq: 7 Jan 2019 11:00

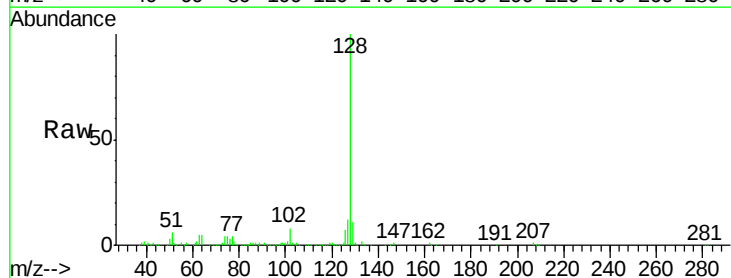
Tgt Ion:128 Resp: 386038

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

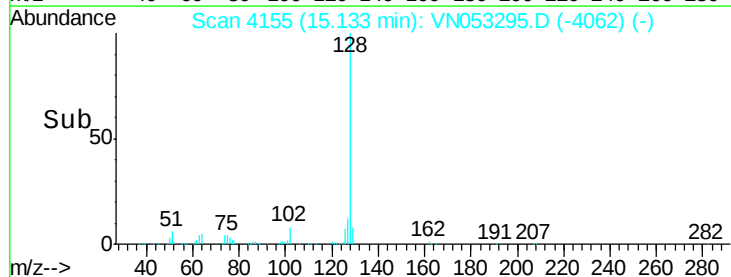
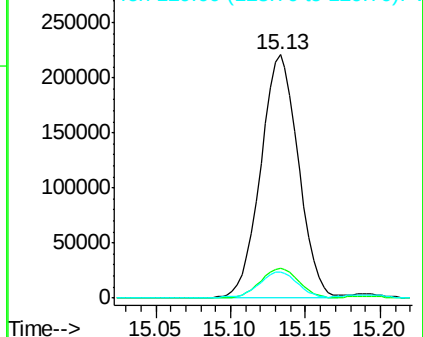
129 11.0 8.7 13.1

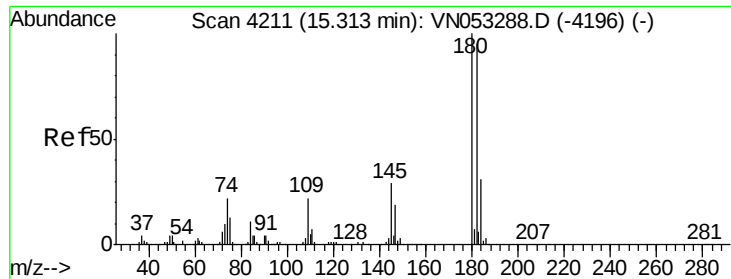


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.444 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053295.D
 Acq: 7 Jan 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.5	48.4	145.0
145	0.0	14.9	44.5#

