

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053299.D
 Acq On : 7 Jan 2019 12:47
 Operator : MD\SY
 Sample : K1053-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-DRUM

Quant Time: Jan 08 01:23:43 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	1049491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1605236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1458271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	634562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	518332	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.59	113	457229	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.09	98	1969935	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	671133	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.42	74	4222	0.674	ug/l #	1
11) Tert butyl alcohol	4.77	59	11818	17.995	ug/l #	94
13) Acrolein	3.62	56	1013	1.227	ug/l #	67
16) Acetone	3.82	43	83792	29.919	ug/l	98
17) Carbon Disulfide	4.05	76	6218	0.206	ug/l	96
18) Methyl Acetate	4.33	43	167712	16.972	ug/l	99
20) Methylene Chloride	4.55	84	20048	1.710	ug/l	90
25) 2-Butanone	6.84	43	130620	29.160	ug/l	98
29) Tetrahydrofuran	7.18	42	14958	5.060	ug/l #	68
31) Cyclohexane	7.66	56	24556	1.128	ug/l #	3
36) 1,1-Dichloropropene	7.67	75	70086	4.677	ug/l #	49
37) Ethyl Acetate	6.93	43	44159	4.524	ug/l	99
38) Carbon Tetrachloride	7.67	117	90855	6.568	ug/l #	16
39) Methylcyclohexane	9.09	83	9765	0.562	ug/l	98
40) Benzene	8.04	78	802898	17.540	ug/l	100
41) Methacrylonitrile	7.18	41	80926	13.354	ug/l #	100
42) 1,2-Dichloroethane	8.04	62	6716	0.495	ug/l	94
43) Isopropyl Acetate	8.21	43	17346	0.903	ug/l #	52
48) Methyl methacrylate	9.17	41	7286	0.835	ug/l #	33
49) 1,4-Dioxane	9.19	88	1587	17.074	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	14329	1.484	ug/l	96
52) Toluene	10.16	92	645211	22.975	ug/l	99
59) 2-Hexanone	10.75	43	2724	0.412	ug/l	77
67) Ethyl Benzene	11.51	91	164561	3.057	ug/l	98
68) m/p-Xylenes	11.62	106	212430	10.495	ug/l	99
69) o-Xylene	11.95	106	89137	4.498	ug/l	99
70) Styrene	11.96	104	223374	6.926	ug/l	97
71) Bromoform	12.40	173	3879	0.495	ug/l #	1
73) Isopropylbenzene	12.25	105	15782	0.334	ug/l	99
74) N-amyl acetate	12.00	43	8483	0.601	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	313195	33.839	ug/l #	100
78) n-propylbenzene	12.59	91	26769	0.501	ug/l	99
79) 2-Chlorotoluene	12.66	91	11955	0.370	ug/l #	57
80) 1,3,5-Trimethylbenzene	12.73	105	73994	1.944	ug/l	99

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 QLast Update : Mon Jan 07 09:34:27 2019
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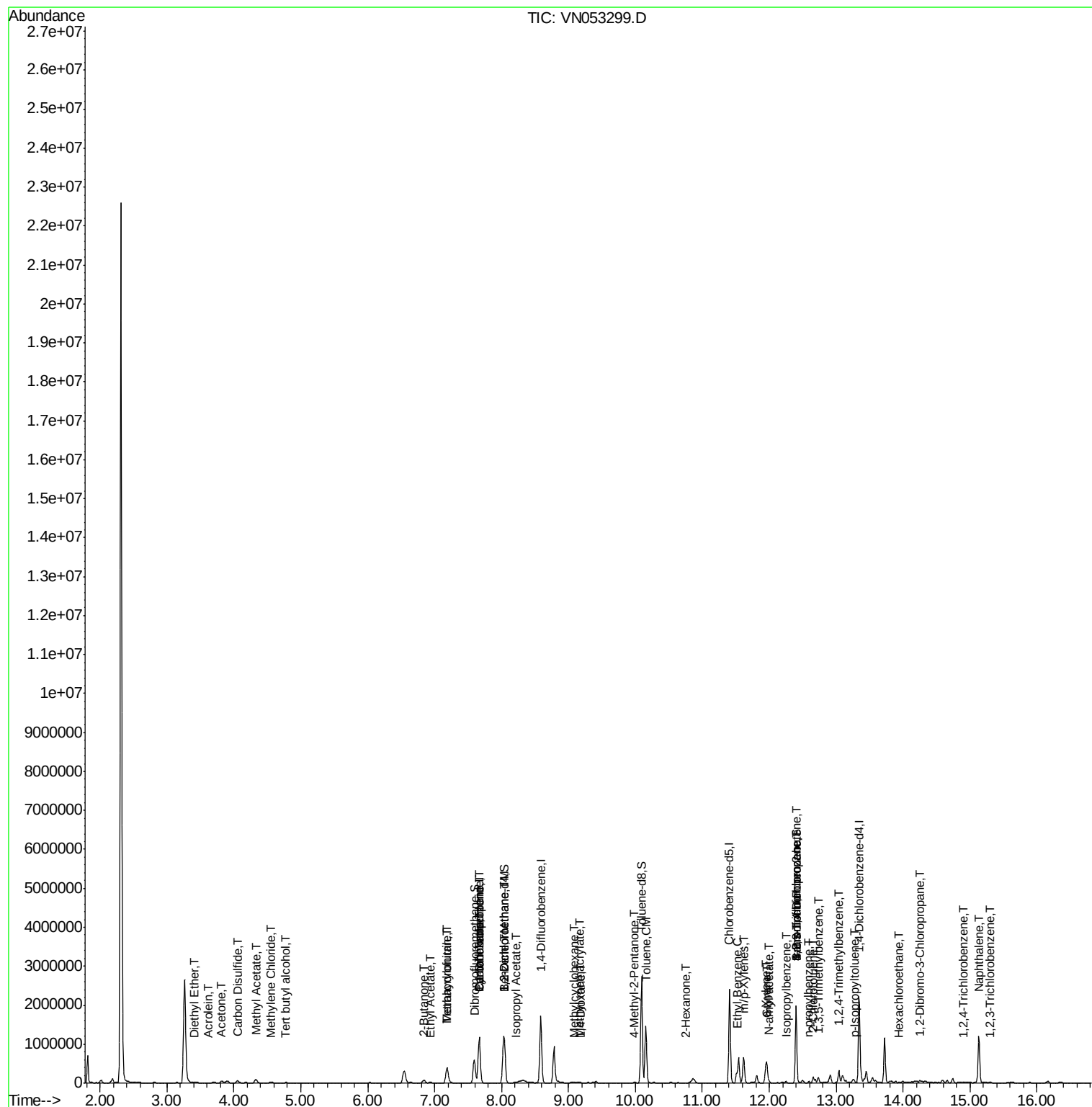
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	313195	99.560	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	183648	4.737	ug/l	99
86) p-Isopropyltoluene	13.29	119	9251	0.243	ug/l	96
90) Hexachloroethane	13.94	117	3248	0.532	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.27	75	615	0.467	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1397	0.214	ug/l #	64
95) Naphthalene	15.13	128	1034122	92.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1551	0.362	ug/l #	70

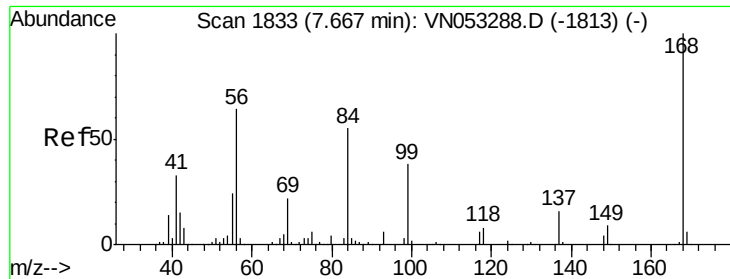
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

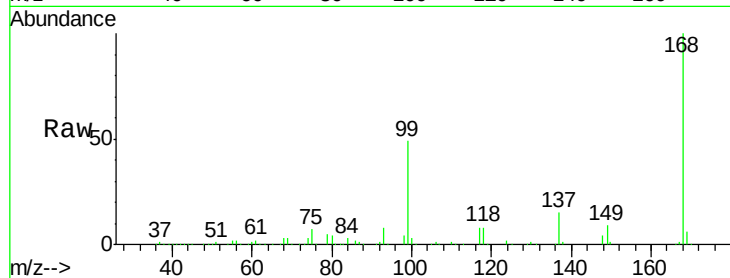
COMP-1-DRUM

Tot Ion:168 Resp: 1049491

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

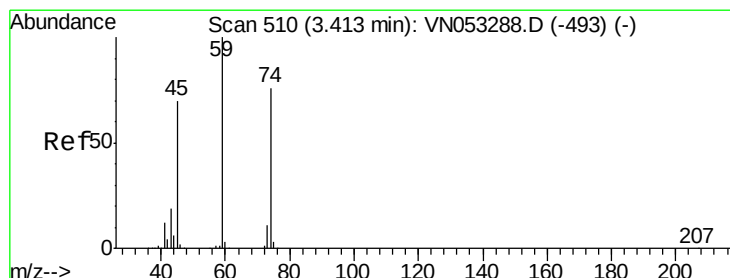
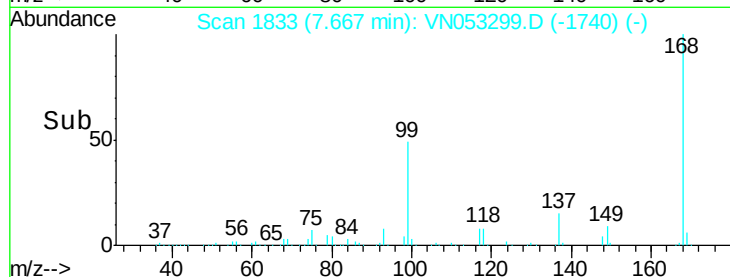
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.674 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN053299.D

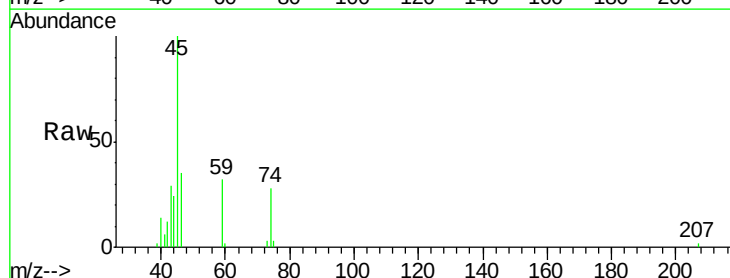
Acq: 7 Jan 2019 12:47

Tgt Ion: 74 Resp: 4222

Ion Ratio Lower Upper

74 100

45 0.0 48.3 144.9#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

25000

20000

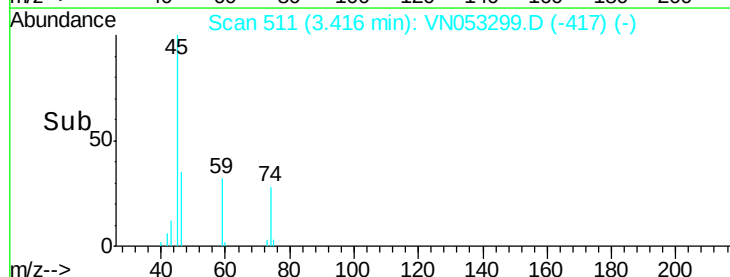
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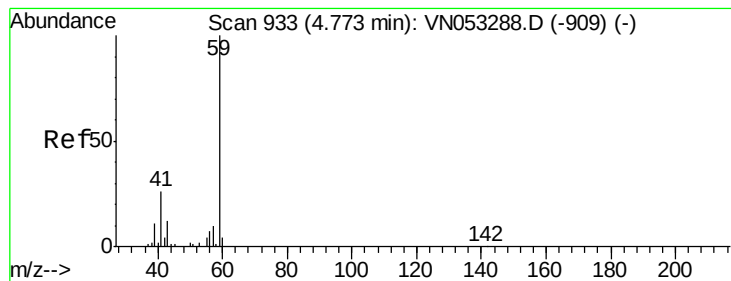
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Time-->



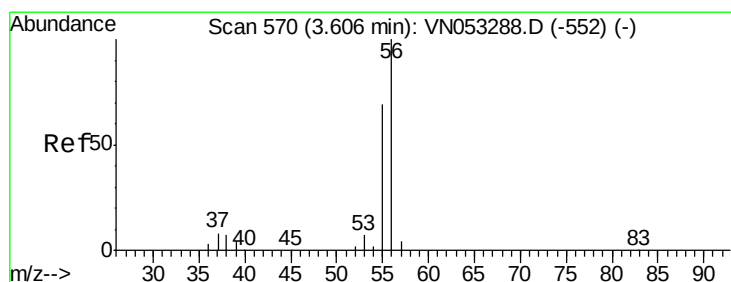
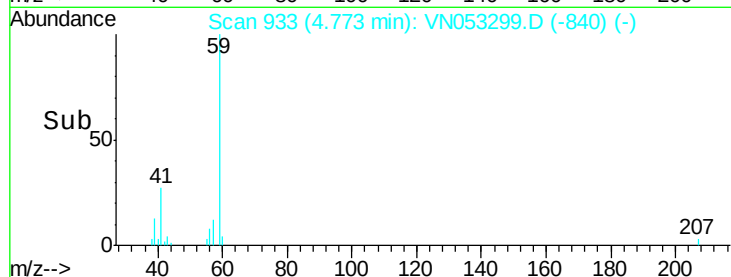
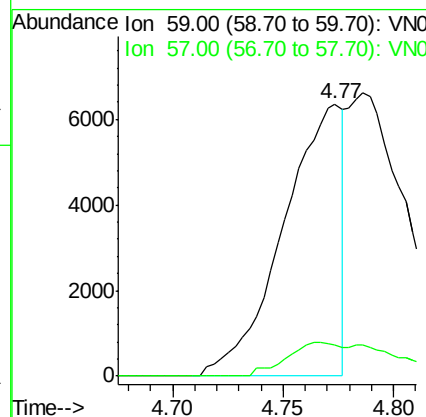
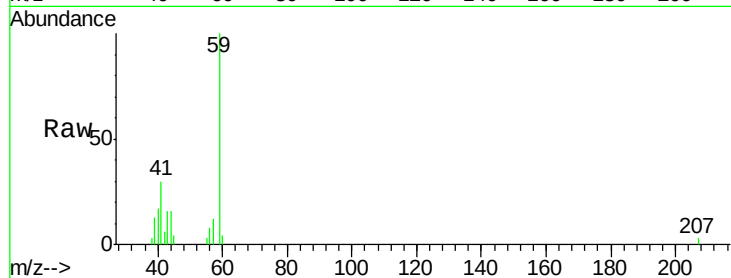


#11

Tert butyl alcohol
 Concen: 17.995 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-DRUM

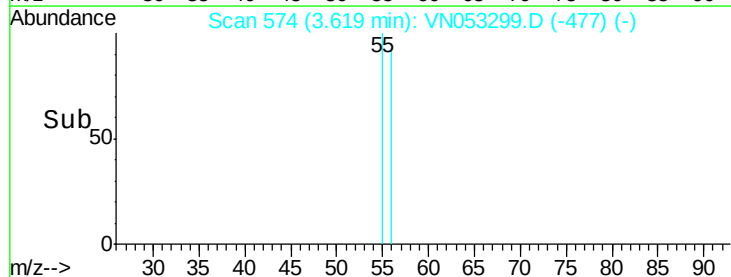
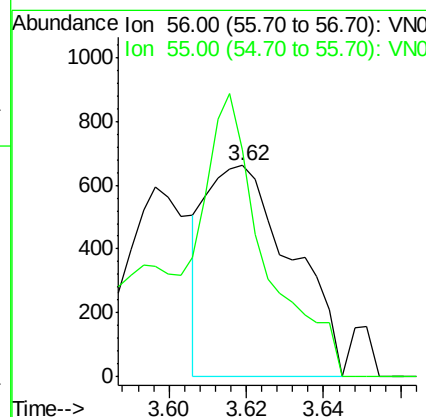
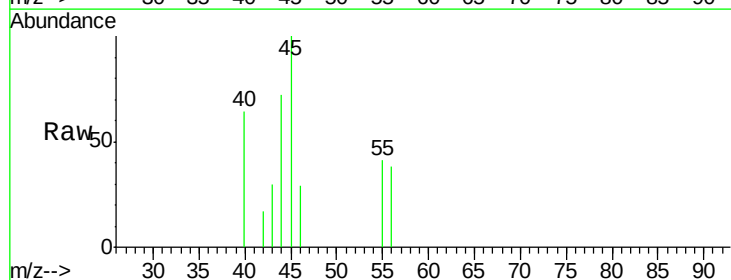
Tot Ion: 59 Resp: 11818
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.0 12.0#

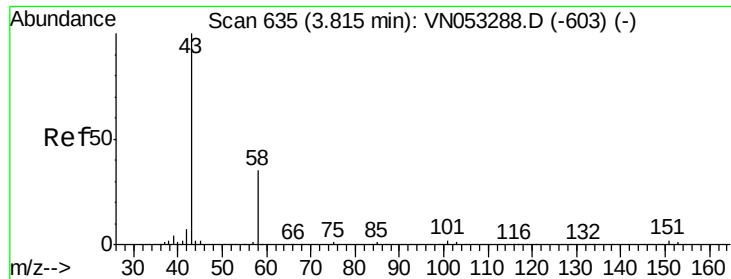


#13

Acrolein
 Concen: 1.227 ug/l
 RT: 3.62 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

Tgt Ion: 56 Resp: 1013
 Ion Ratio Lower Upper
 56 100
 55 97.6 56.3 84.5#

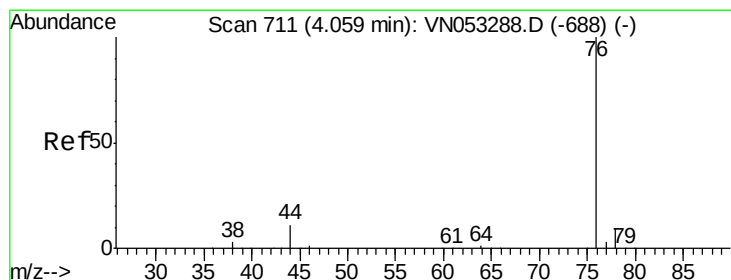
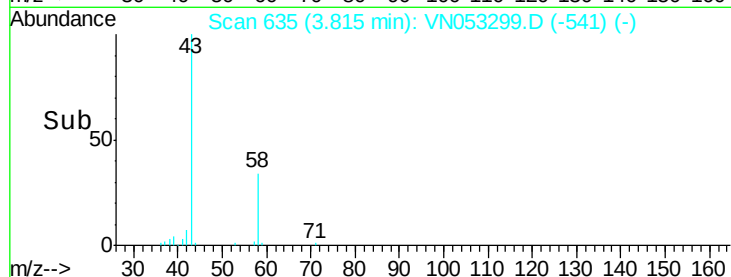
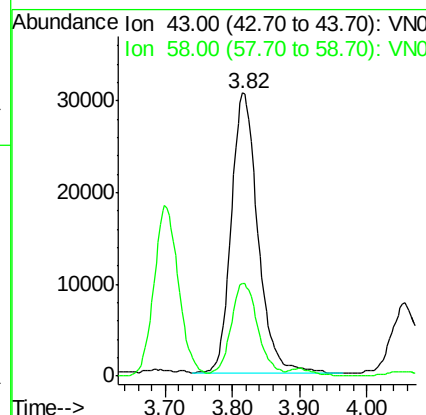
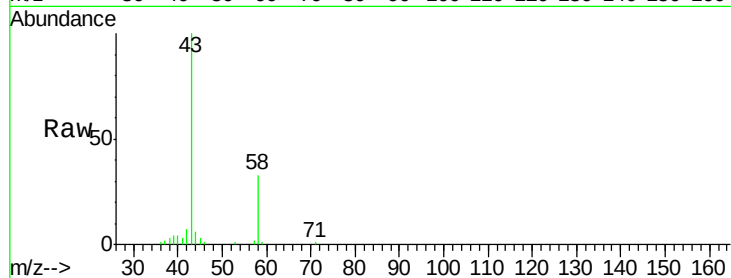




#16
Acetone
Concen: 29.919 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

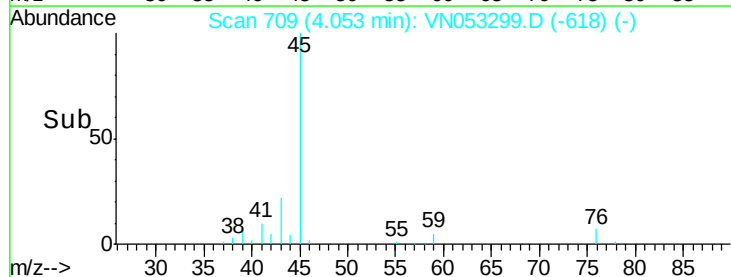
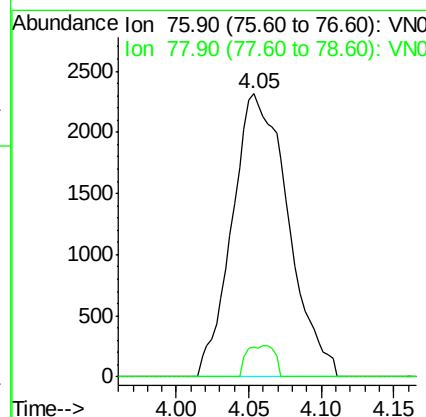
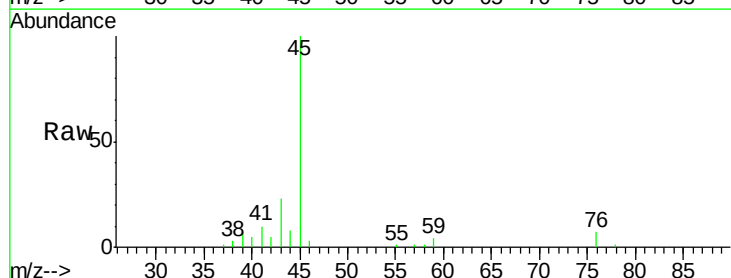
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

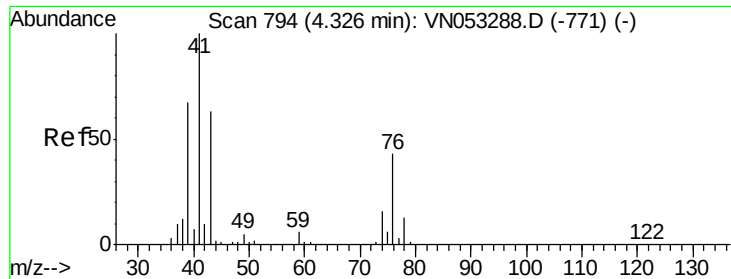
Tot Ion: 43 Resp: 83792
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.6



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 76 Resp: 6218
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8

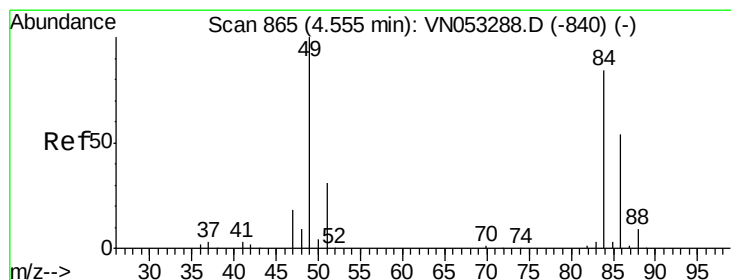
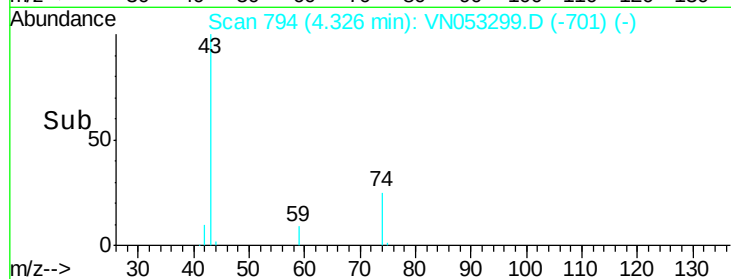
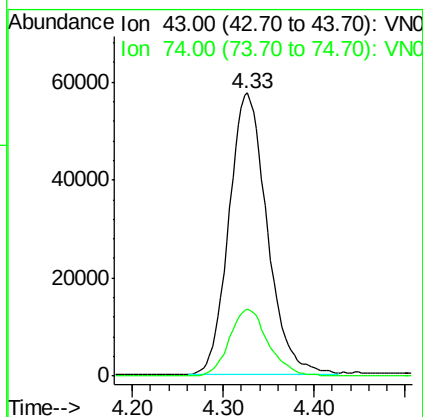
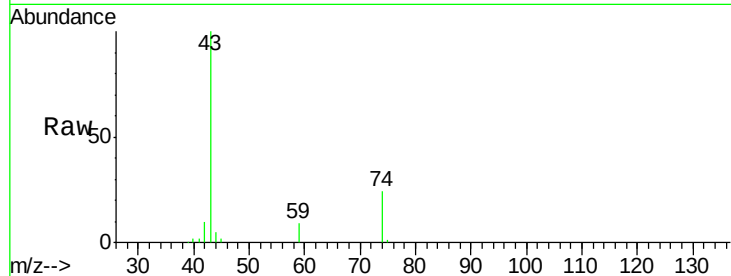




#18
Methvl Acetate
Concen: 16.972 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

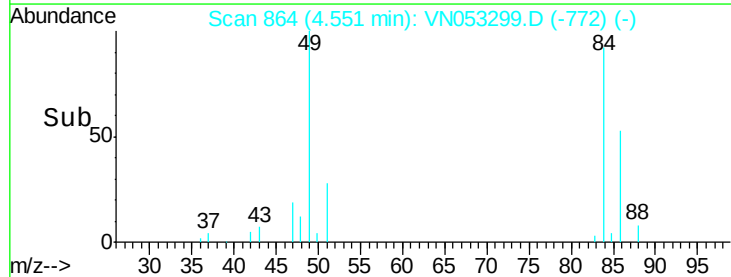
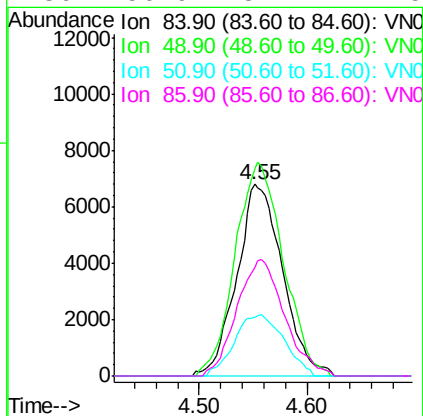
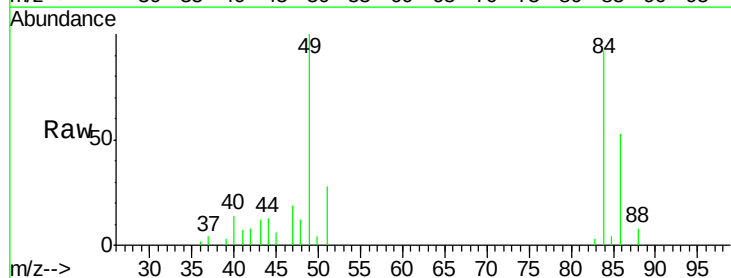
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

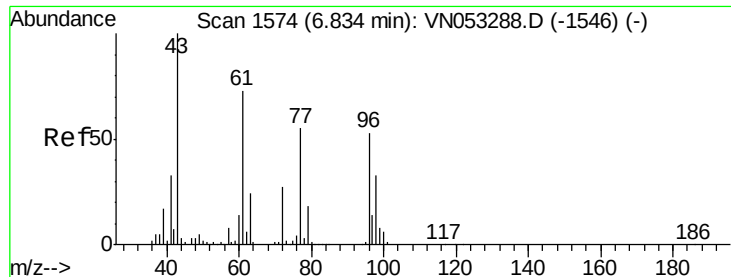
Tot Ion: 43 Resp: 167712
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8



#20
Methylene Chloride
Concen: 1.710 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 84 Resp: 20048
Ion Ratio Lower Upper
84 100
49 108.2 95.3 142.9
51 30.5 29.0 43.6
86 56.9 51.7 77.5





#25

2-Butanone

Concen: 29.160 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

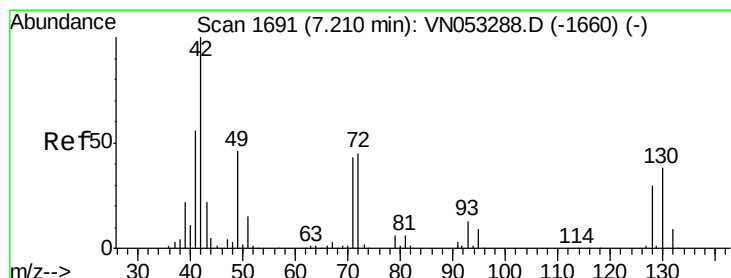
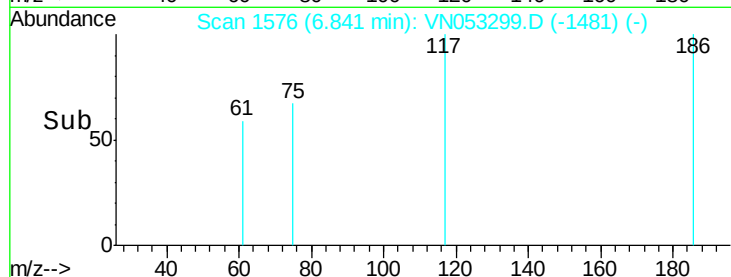
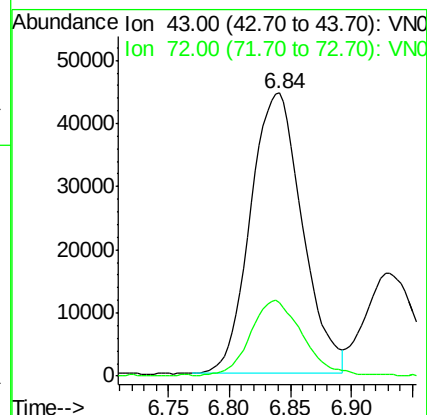
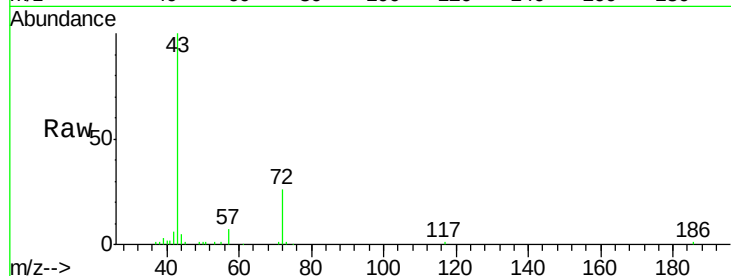
COMP-1-DRUM

Tot Ion: 43 Resp: 130620

Ion Ratio Lower Upper

43 100

72 26.4 22.0 33.0



#29

Tetrahydrofuran

Concen: 5.060 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.03 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

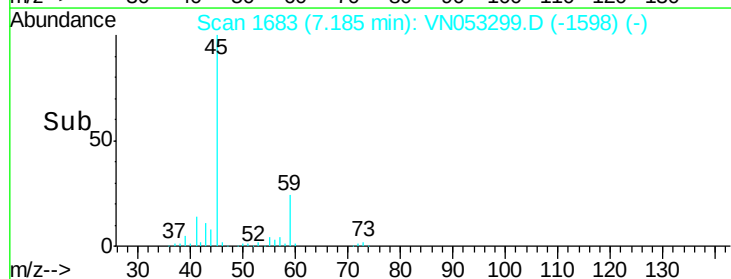
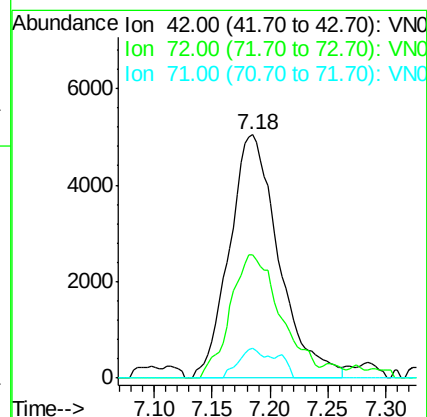
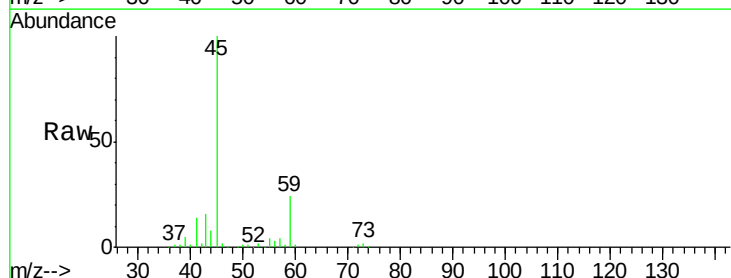
Tgt Ion: 42 Resp: 14958

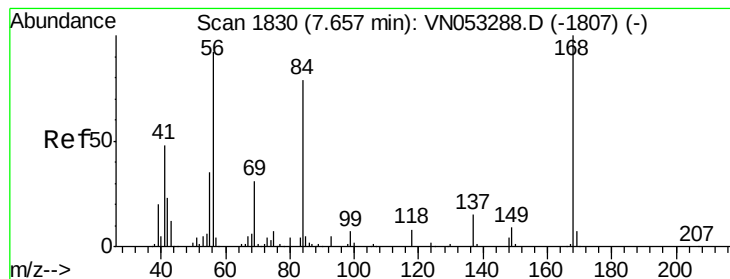
Ion Ratio Lower Upper

42 100

72 51.7 35.6 53.4

71 7.5 33.8 50.8#





#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-DRUM

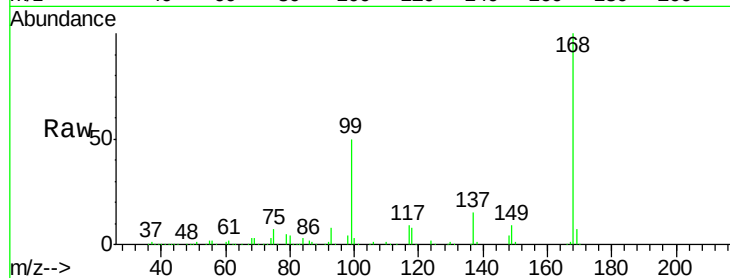
Tot Ion: 56 Resp: 24556

Ion Ratio Lower Upper

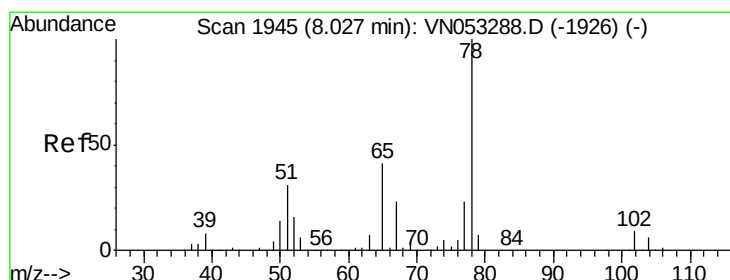
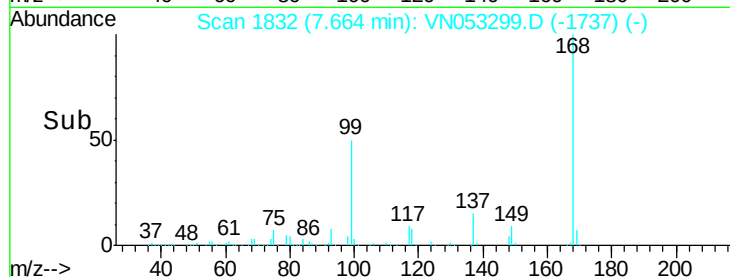
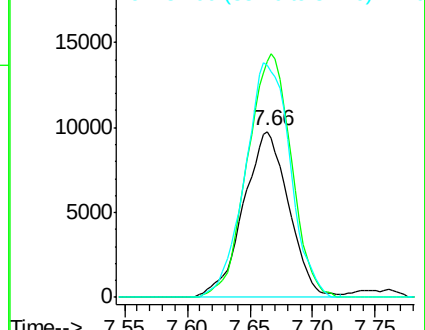
56 100

69 142.0 26.7 40.1#

84 140.1 68.2 102.4#



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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053299.D

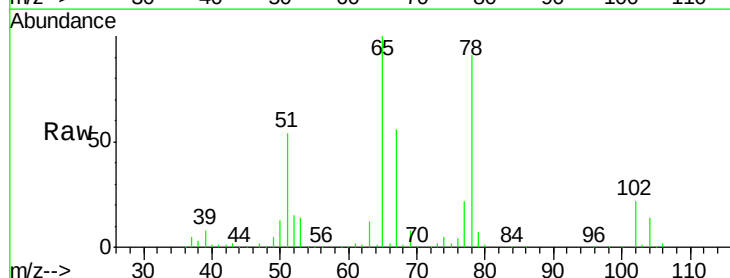
Acq: 7 Jan 2019 12:47

Tgt Ion: 65 Resp: 518332

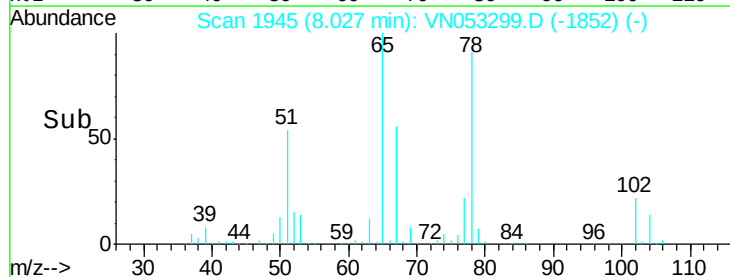
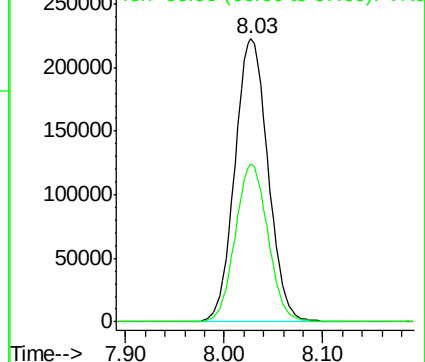
Ion Ratio Lower Upper

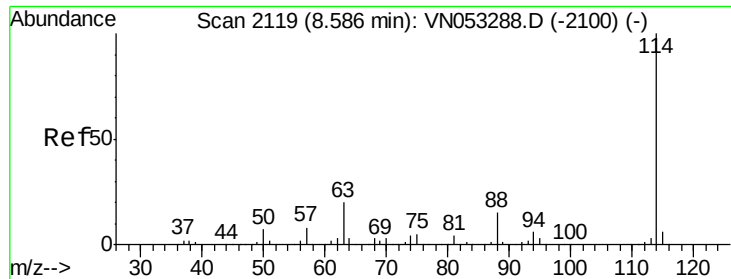
65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

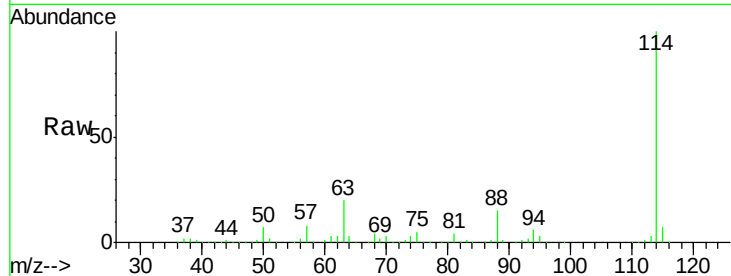




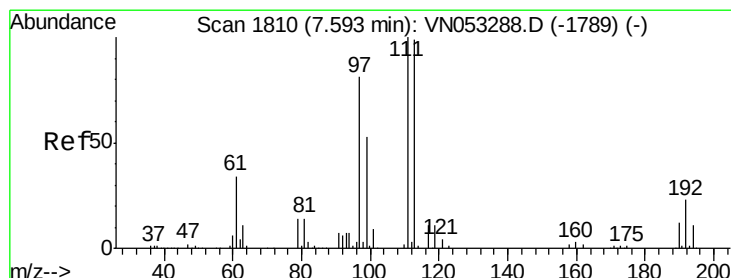
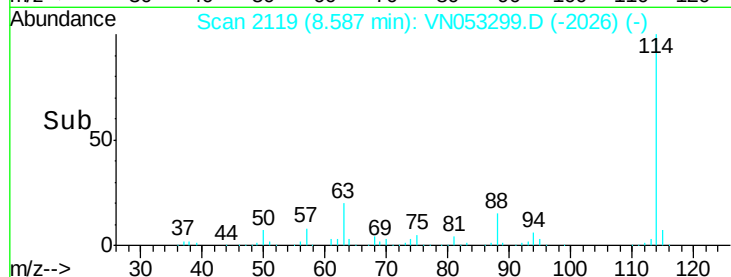
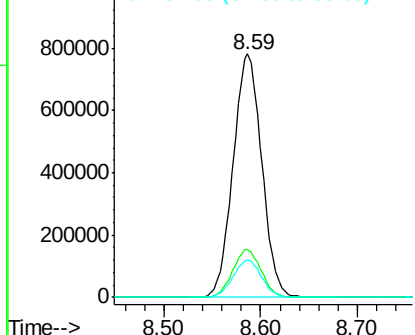
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

Tot Ion:114 Resp: 1605236
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.0
88 15.4 0.0 30.8

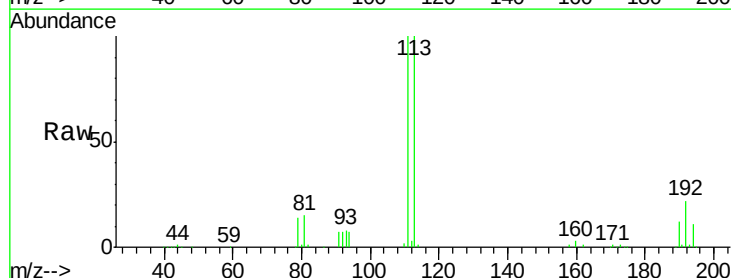


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

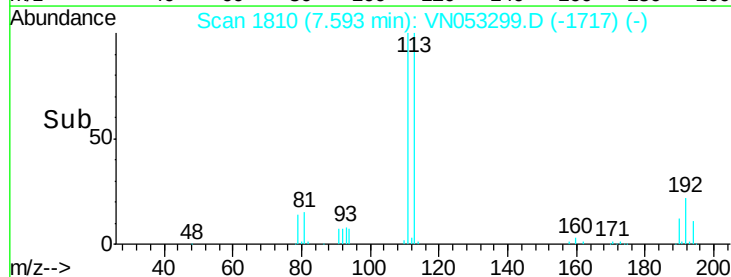
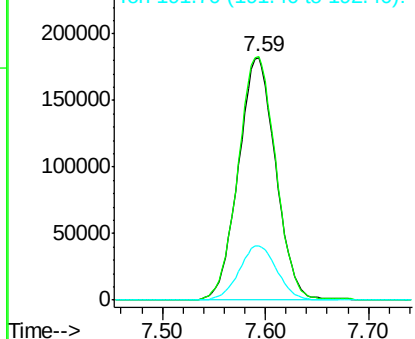


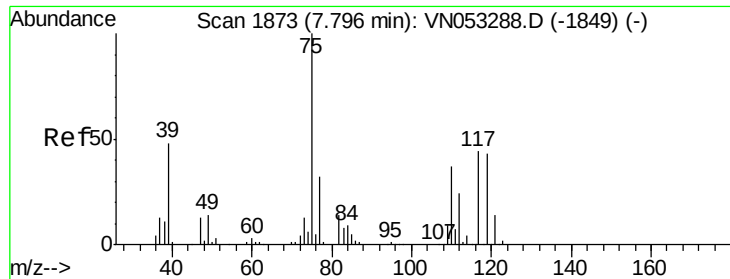
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion:113 Resp: 457229
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.2
192 22.7 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

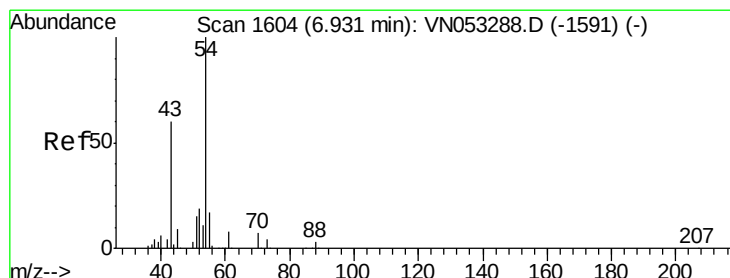
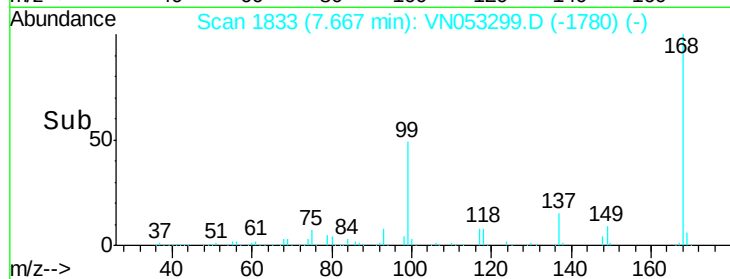
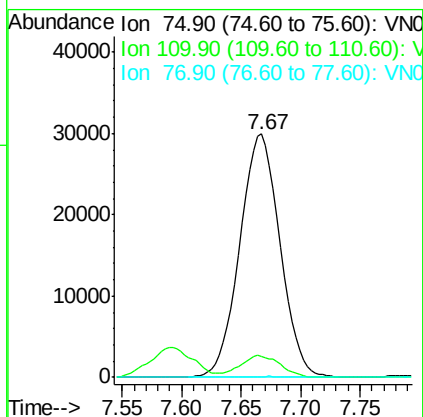
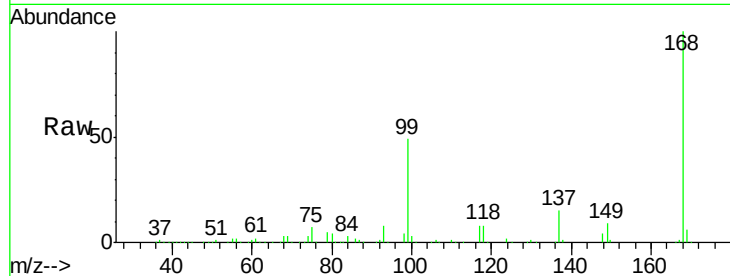




#36
 1,1-Dichloropropene
 Concen: 4.677 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

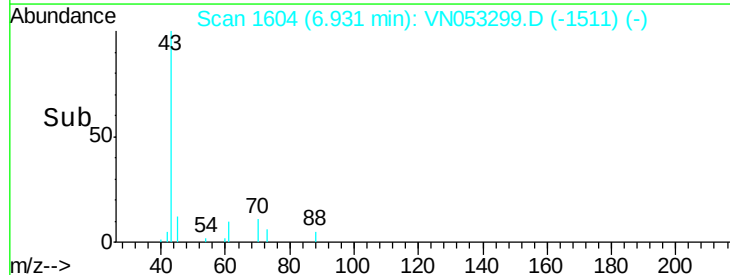
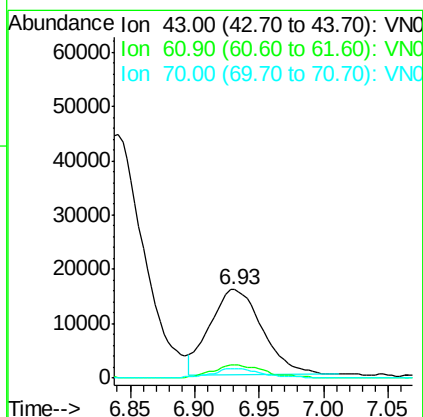
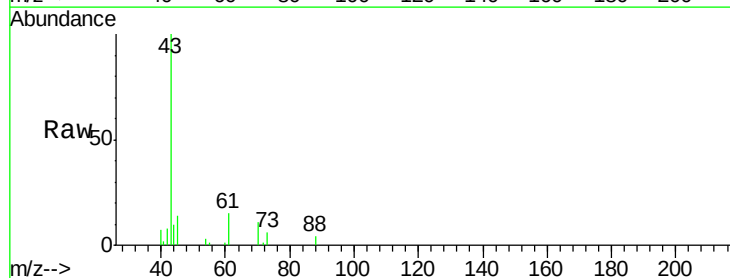
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-DRUM

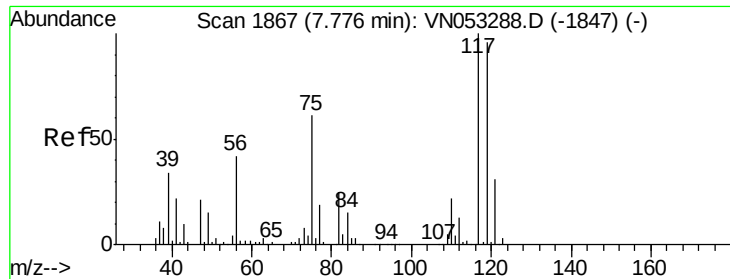
Tot Ion: 75 Resp: 70086
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.0#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 4.524 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

Tgt Ion: 43 Resp: 44159
 Ion Ratio Lower Upper
 43 100
 61 15.6 11.9 17.9
 70 10.5 8.6 13.0

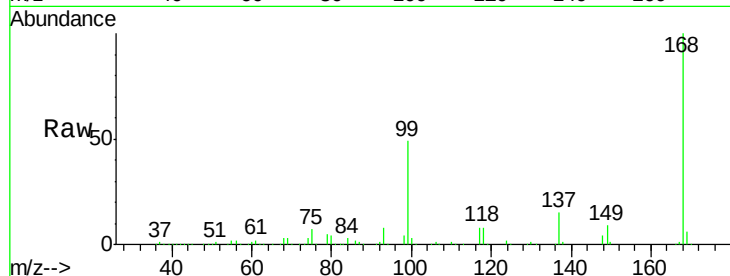




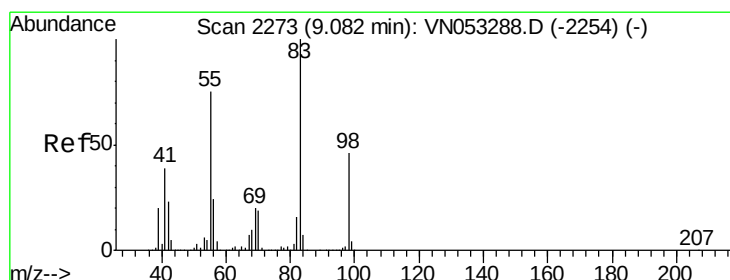
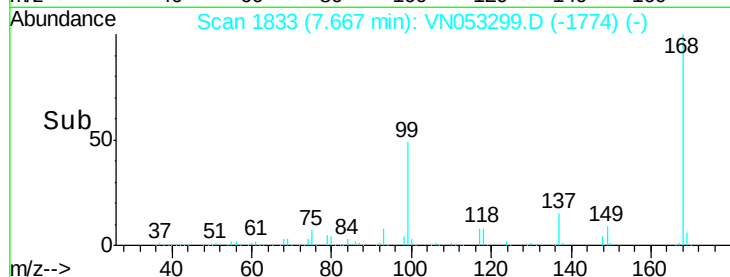
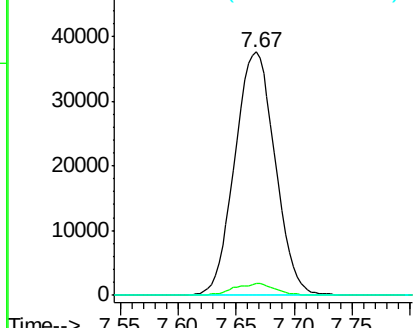
#38
Carbon Tetrachloride
Concen: 6.568 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

Tot Ion:117 Resp: 90855
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 25.0 37.4#

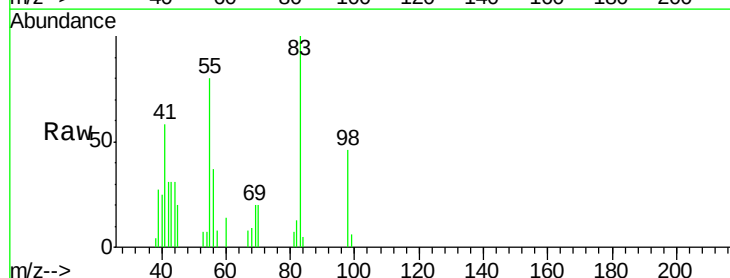


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

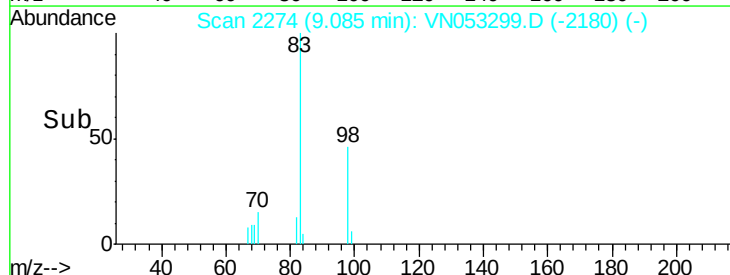
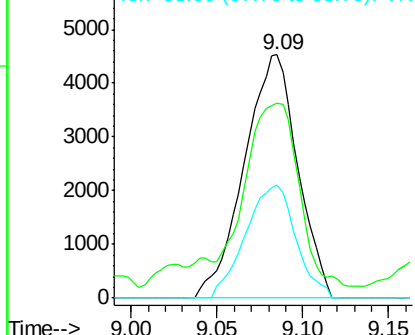


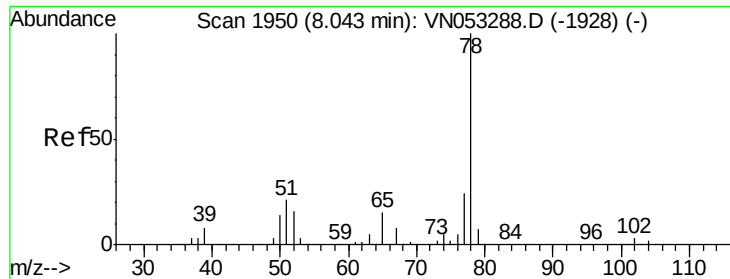
#39
Methylcyclohexane
Concen: 0.562 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 83 Resp: 9765
Ion Ratio Lower Upper
83 100
55 72.5 60.1 90.1
98 46.3 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 17.540 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

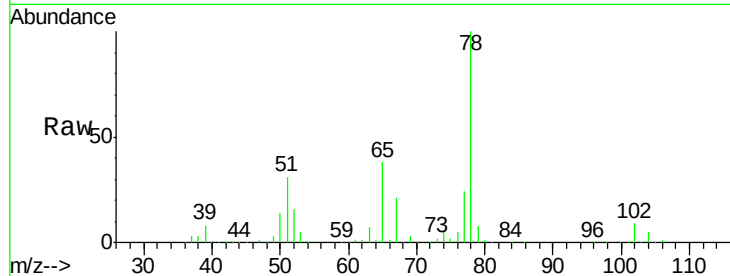
COMP-1-DRUM

Tot Ion: 78 Resp: 802898

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.04

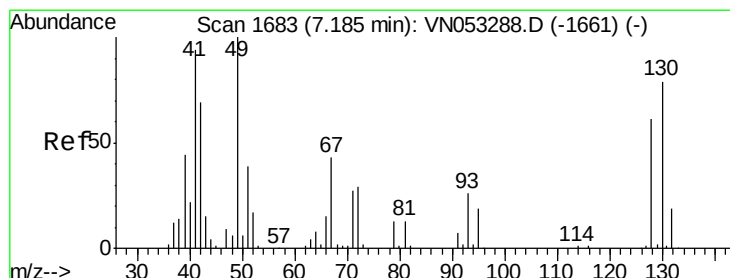
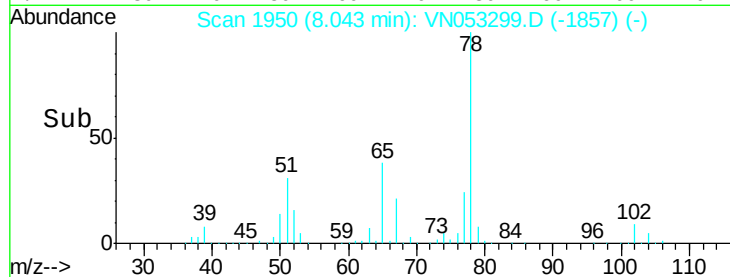
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 13.354 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Tgt Ion: 41 Resp: 80926

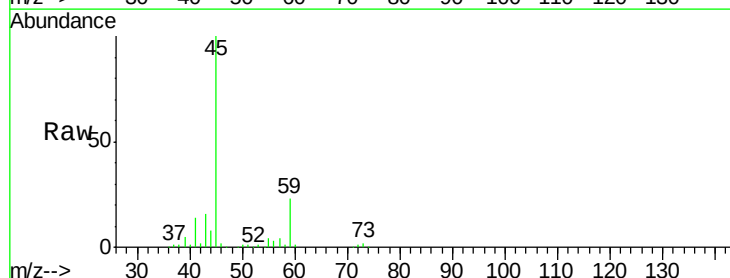
Ion Ratio Lower Upper

41 100

39 34.1 0.0 0.0#

67 0.0 0.0 0.0

52 1.4 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

7.18

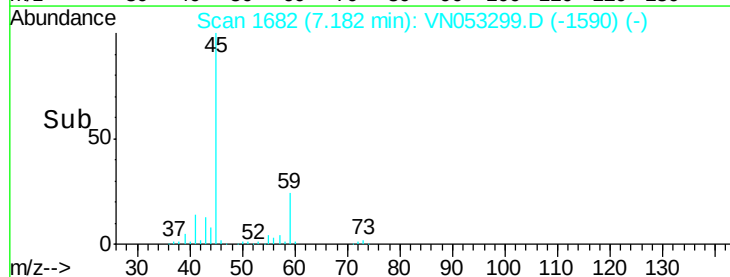
30000

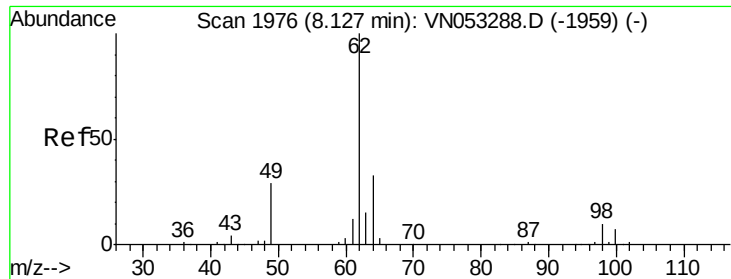
20000

10000

0

Time-->

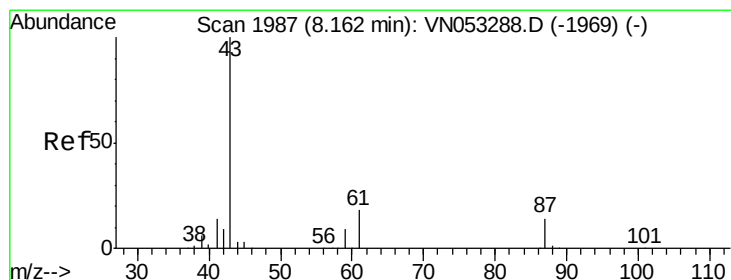
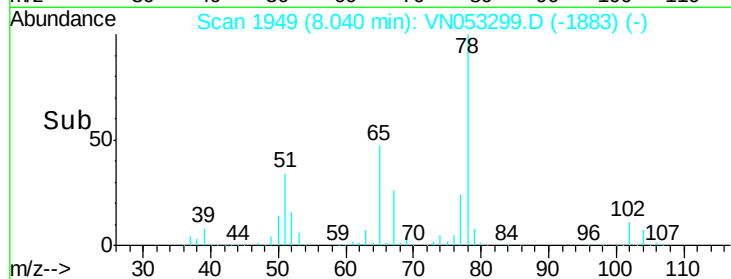
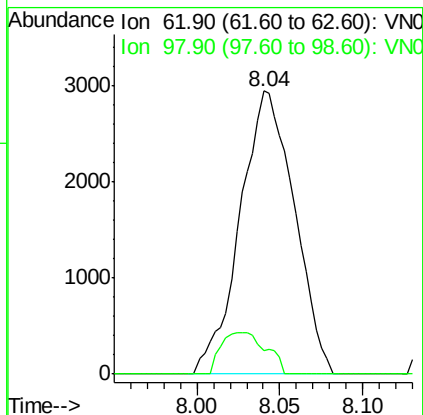
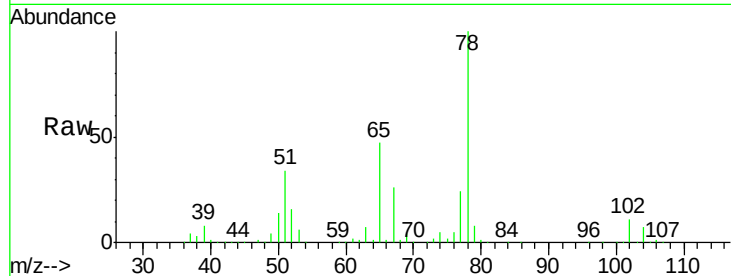




#42
 1,2-Dichloroethane
 Concen: 0.495 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. -0.09 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

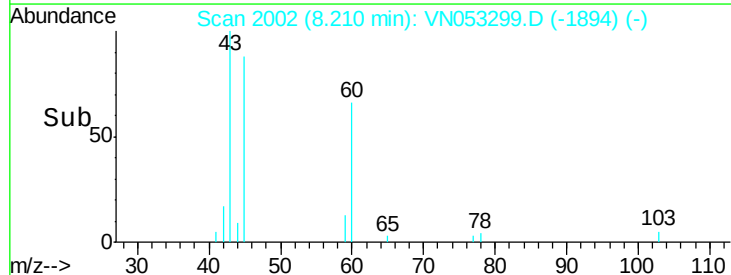
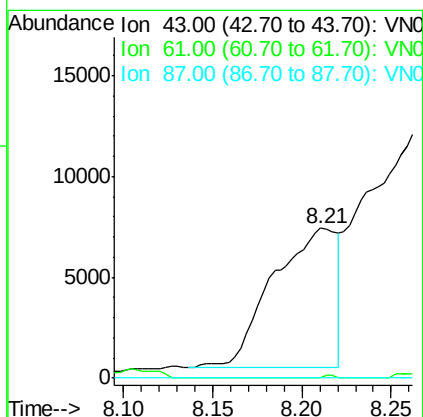
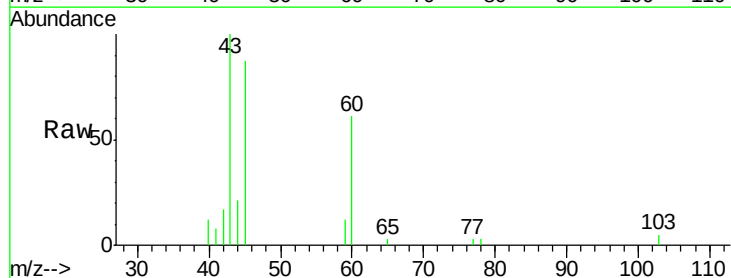
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-DRUM

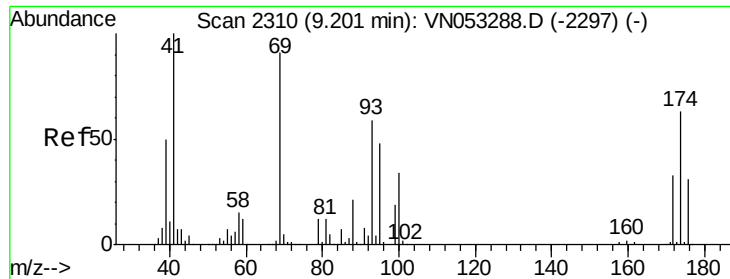
Tot Ion: 62 Resp: 6716
 Ion Ratio Lower Upper
 62 100
 98 12.2 0.0 20.2



#43
 Isopropyl Acetate
 Concen: 0.903 ug/l
 RT: 8.21 min Scan# 2002
 Delta R.T. 0.05 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

Tgt Ion: 43 Resp: 17346
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.3 34.9#
 87 0.0 10.8 16.2#

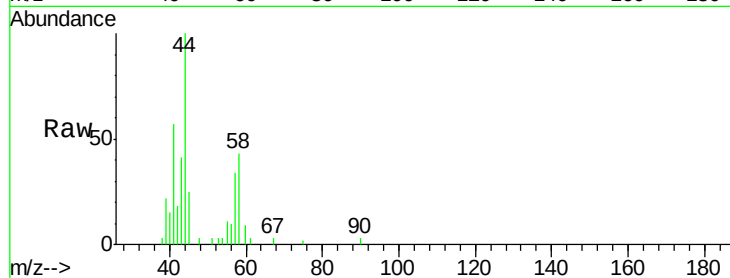




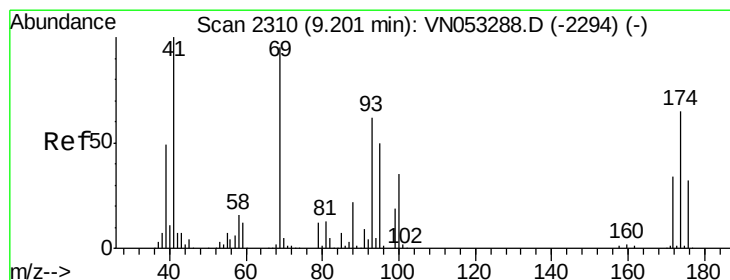
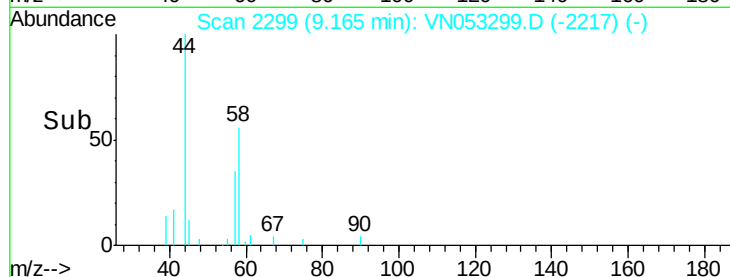
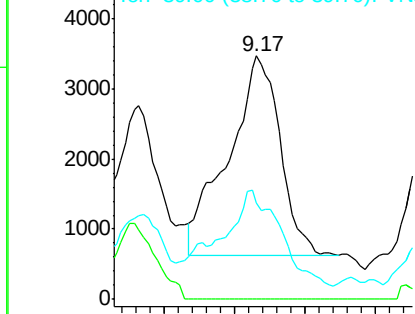
#48
Methvl methacrylate
Concen: 0.835 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.04 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

Tot Ion: 41 Resp: 7286
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 40.9 41.6 62.4#

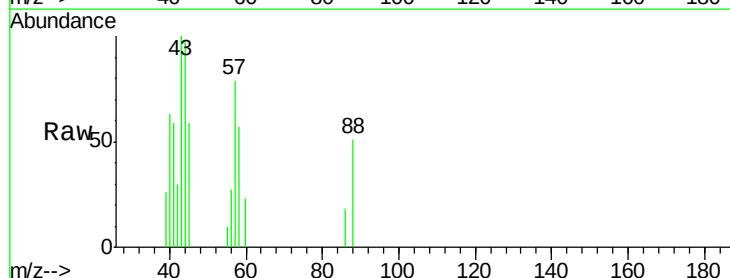


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

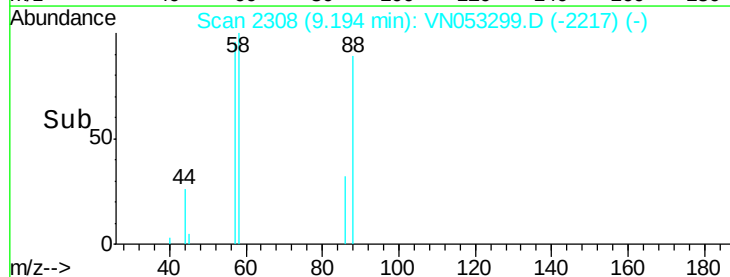
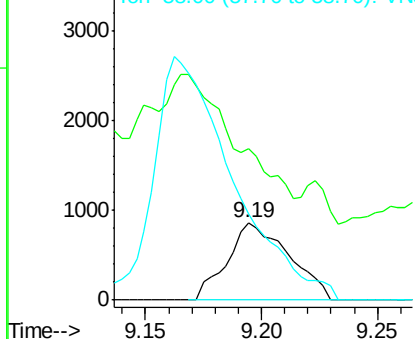


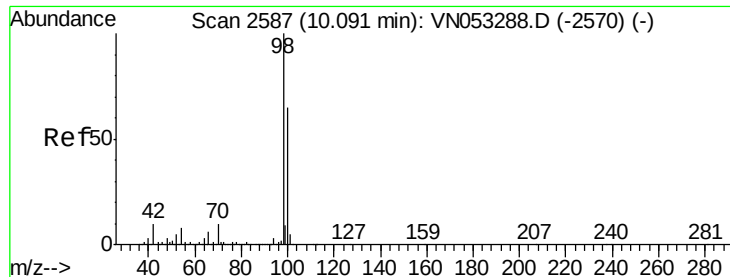
#49
1,4-Dioxane
Concen: 17.074 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 88 Resp: 1587
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 0.0 55.5 83.3#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

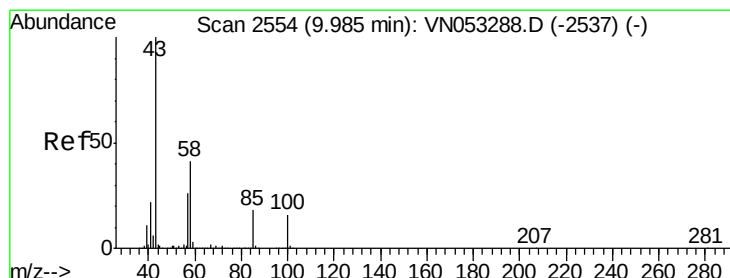
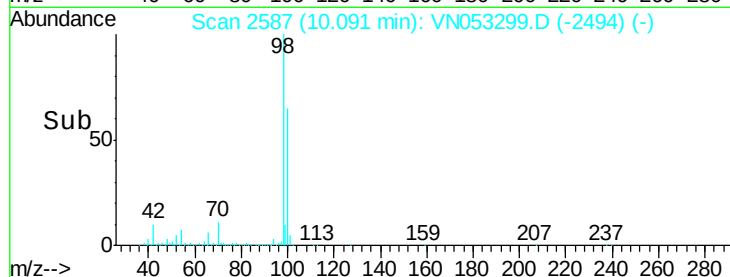
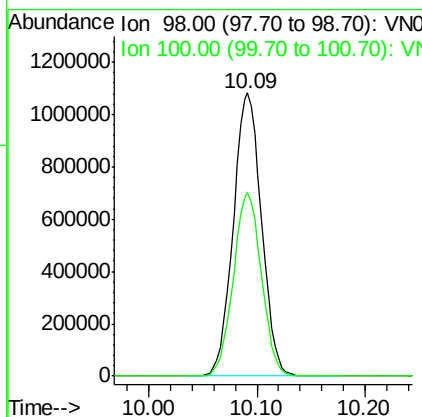
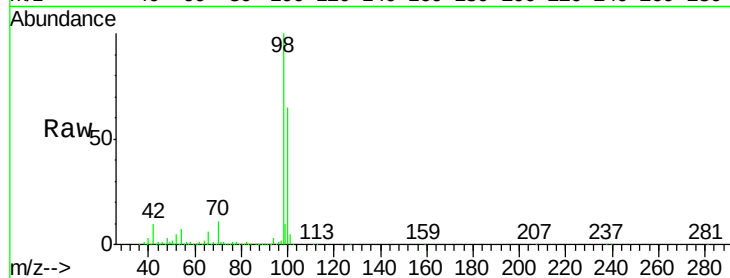




#50
Toluene-d8
Concen: 17.074 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

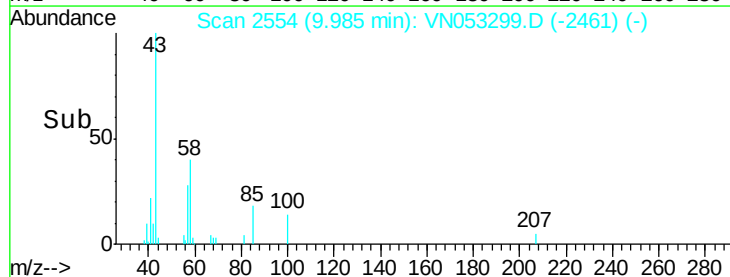
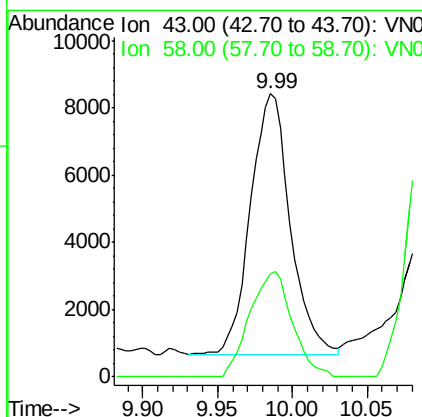
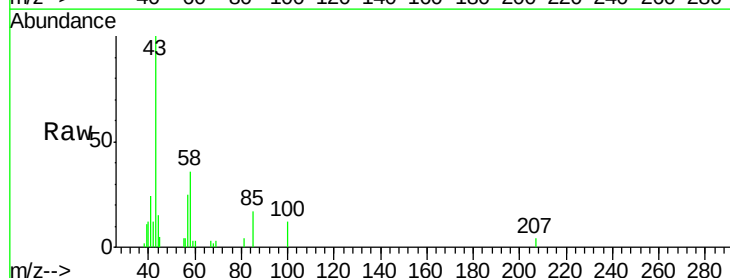
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-DRUM

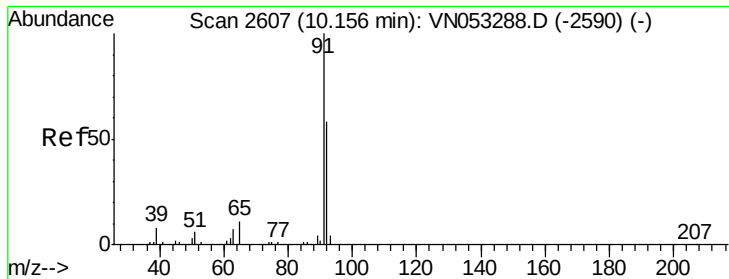
Tot Ion: 98 Resp: 1969935
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.484 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 43 Resp: 14329
Ion Ratio Lower Upper
43 100
58 43.2 32.7 49.1





#52

Toluene

Concen: 22.975 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

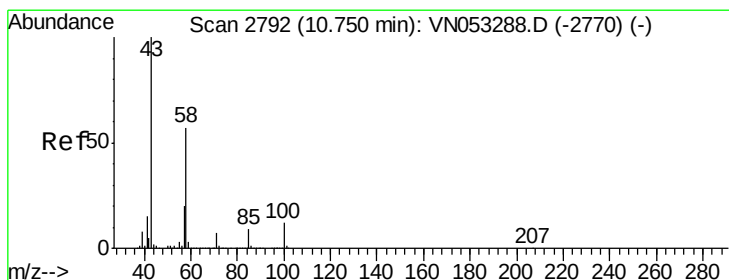
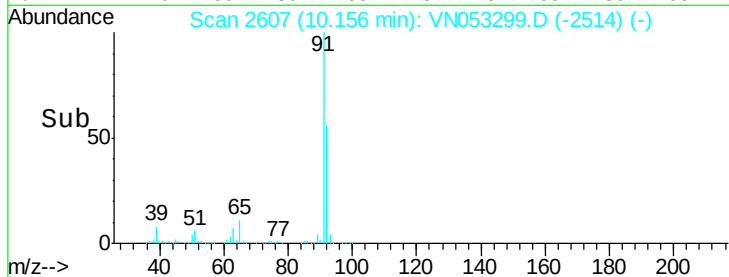
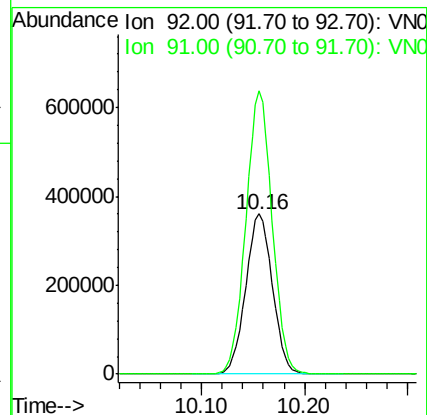
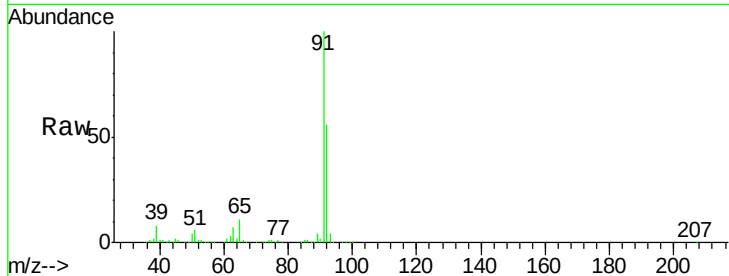
COMP-1-DRUM

Tot Ion: 92 Resp: 645211

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0



#59

2-Hexanone

Concen: 0.412 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN053299.D

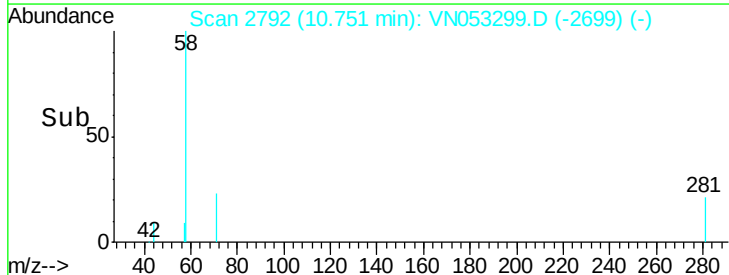
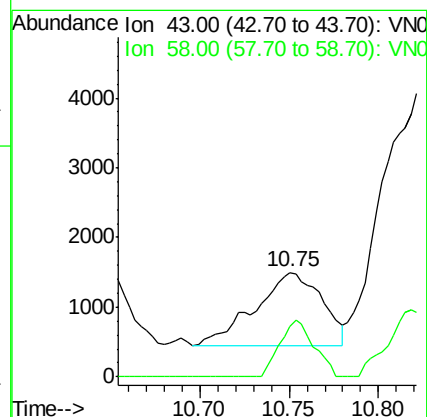
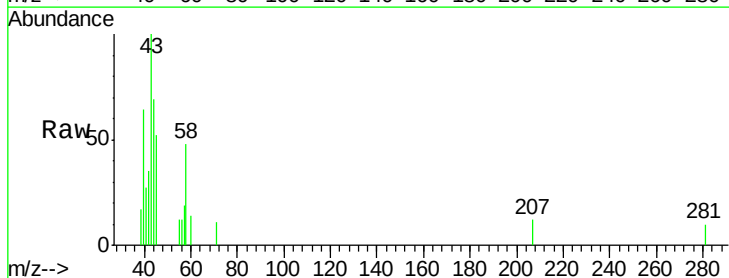
Acq: 7 Jan 2019 12:47

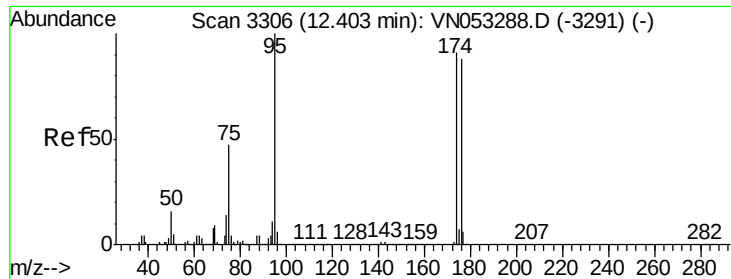
Tgt Ion: 43 Resp: 2724

Ion Ratio Lower Upper

43 100

58 39.8 28.3 85.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-DRUM

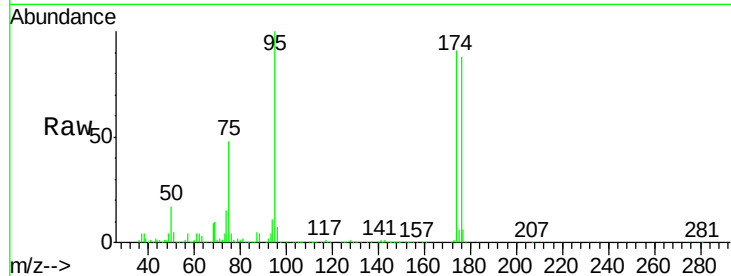
Tot Ion: 95 Resp: 671133

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.4

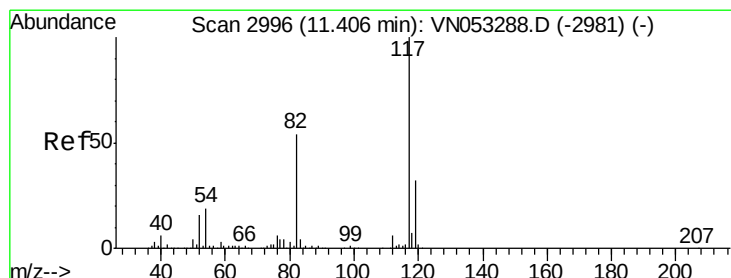
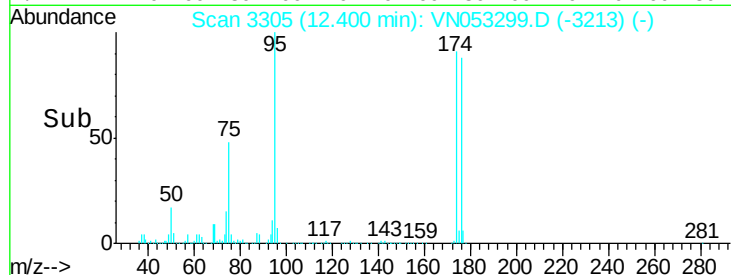
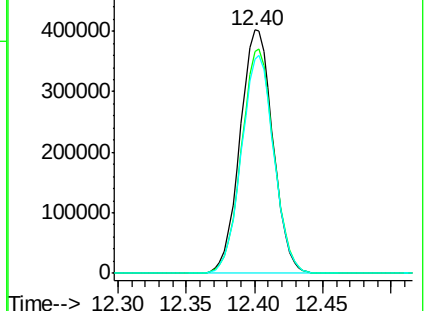
176 88.5 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

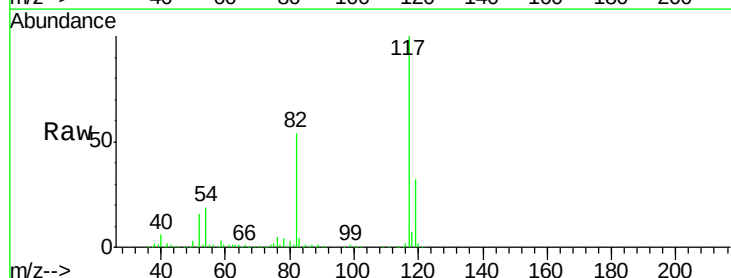
Tgt Ion: 117 Resp: 1458271

Ion Ratio Lower Upper

117 100

82 53.9 42.9 64.3

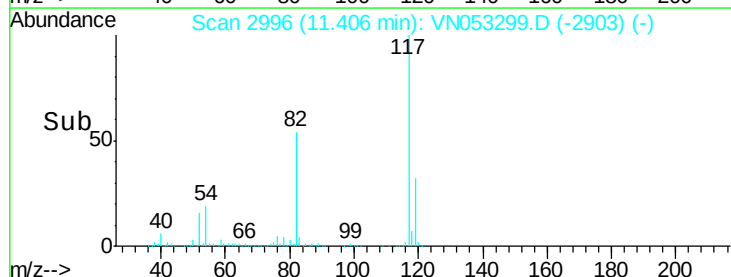
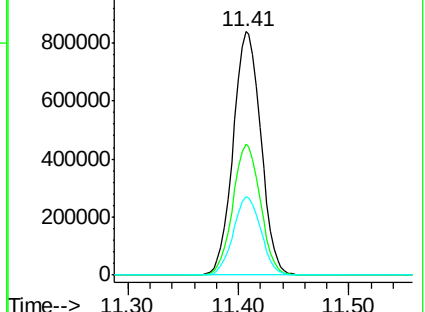
119 32.2 25.6 38.4

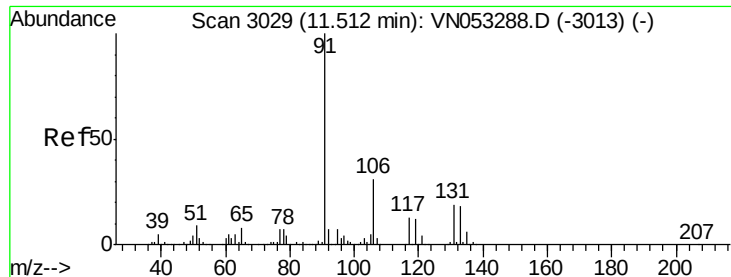


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)

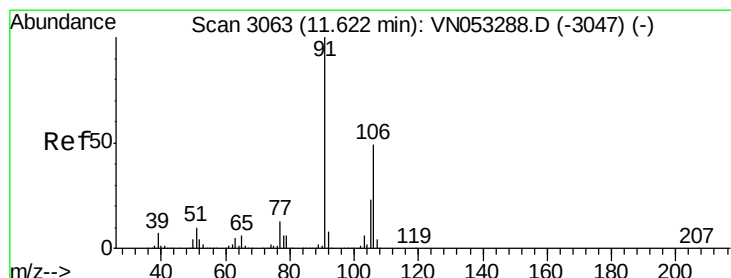
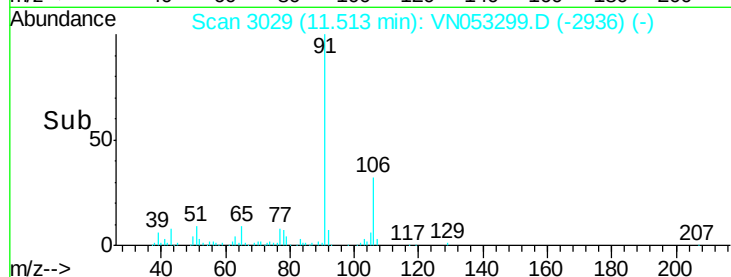
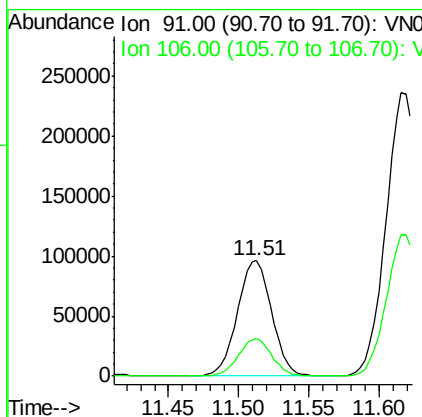
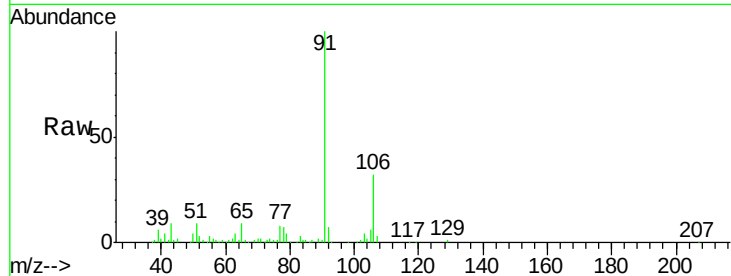




#67
Ethyl Benzene
Concen: 3.057 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

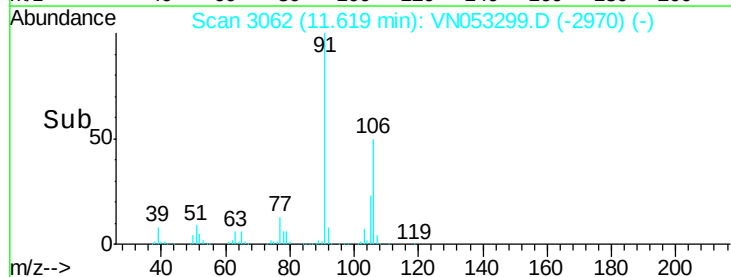
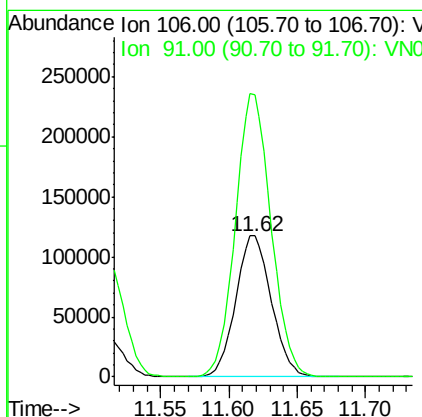
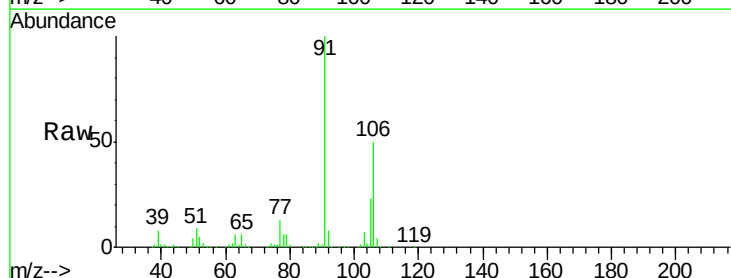
Instrument :
MSVOA_N
ClientSampled :
COMP-1-DRUM

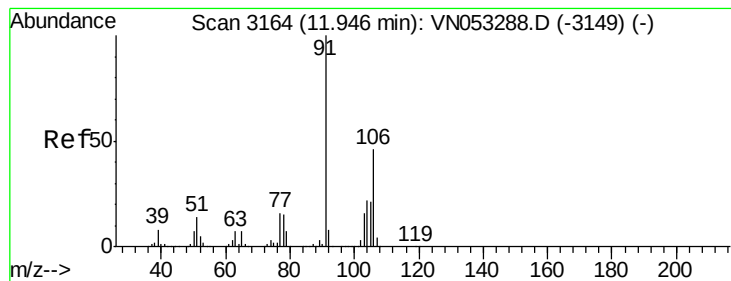
Tot Ion: 91 Resp: 164561
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 10.495 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053299.D
Acq: 7 Jan 2019 12:47

Tgt Ion: 106 Resp: 212430
Ion Ratio Lower Upper
106 100
91 200.3 161.4 242.2





#69

o-Xylene

Concen: 4.498 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

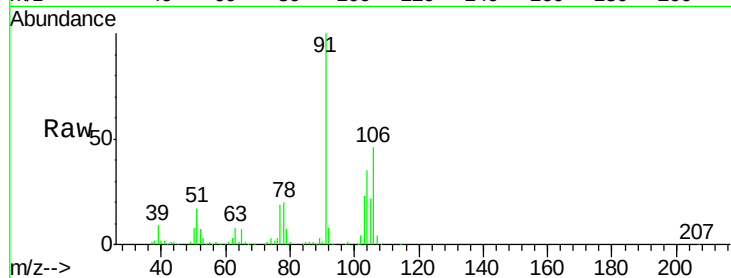
COMP-1-DRUM

Tot Ion:106 Resp: 89137

Ion Ratio Lower Upper

106 100

91 211.6 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

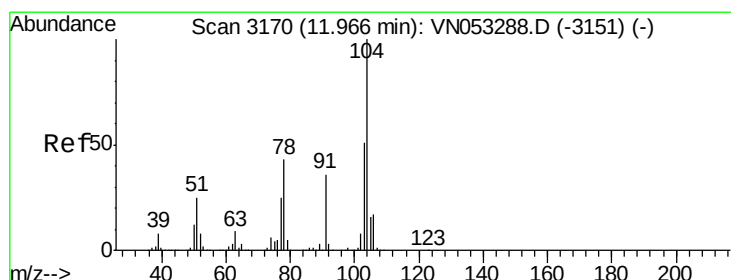
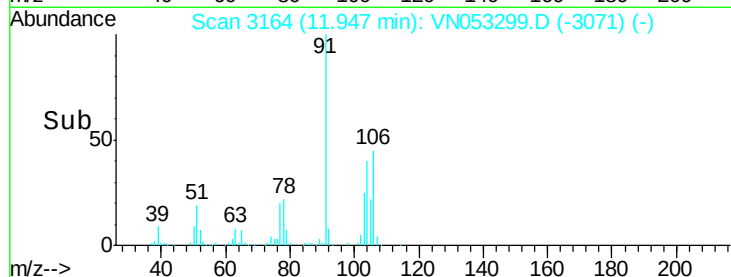
Ion 91.00 (90.70 to 91.70): VN0

100000

50000

0

Time-->



#70

Styrene

Concen: 6.926 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

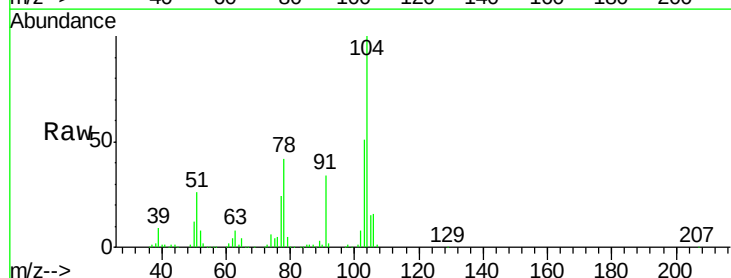
Tgt Ion:104 Resp: 223374

Ion Ratio Lower Upper

104 100

78 45.5 38.5 57.7

103 53.5 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V

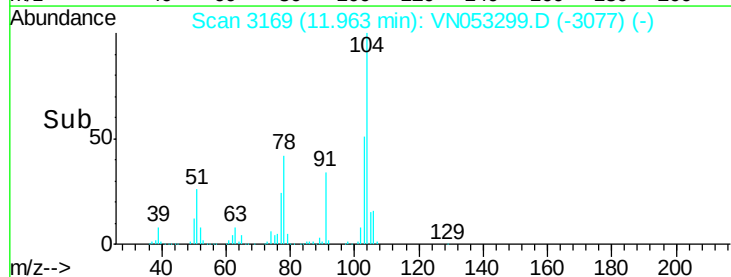
150000

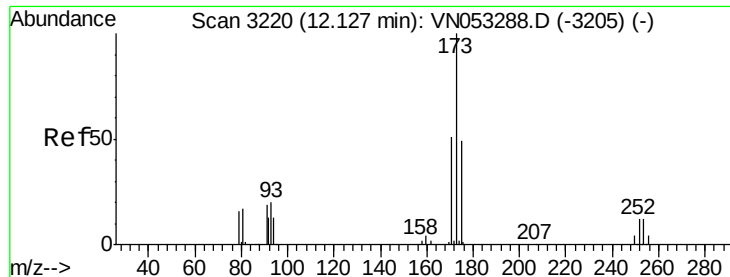
100000

50000

0

Time-->





#71

Bromoform

Concen: 0.495 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-DRUM

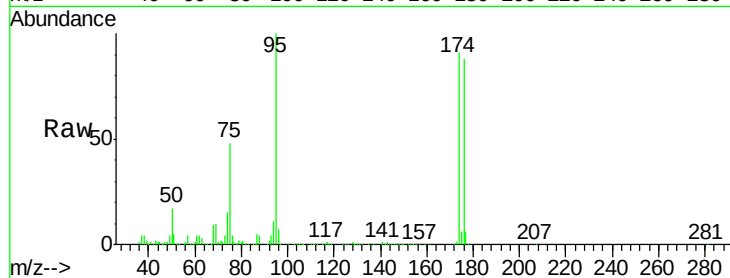
Tot Ion:173 Resp: 3879

Ion Ratio Lower Upper

173 100

175 993.5 24.3 72.8#

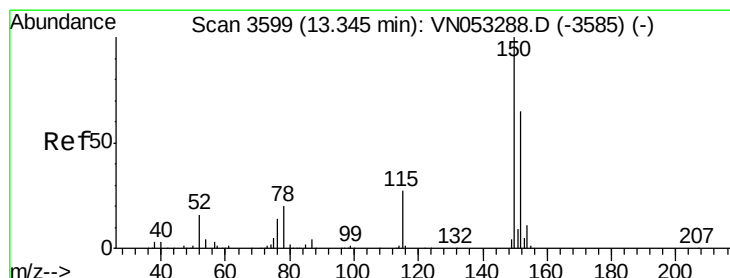
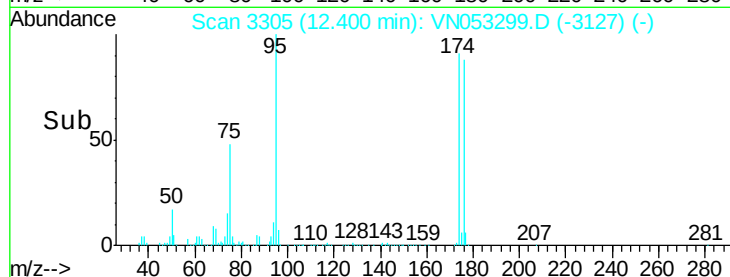
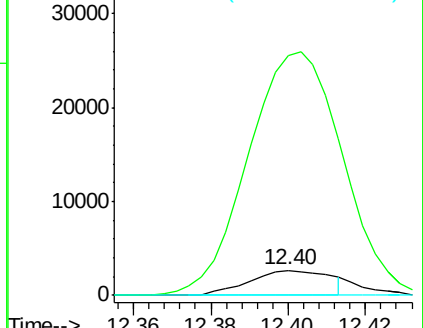
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

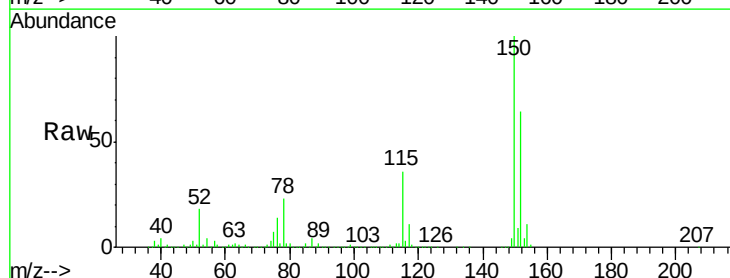
Tgt Ion:152 Resp: 634562

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

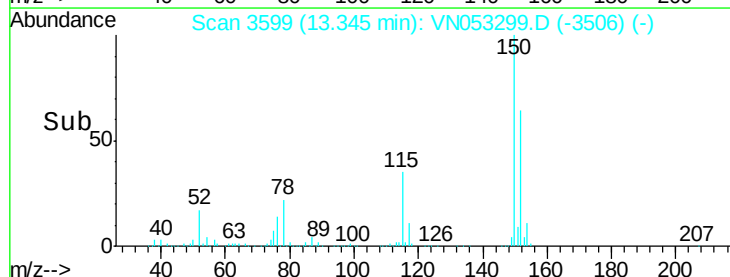
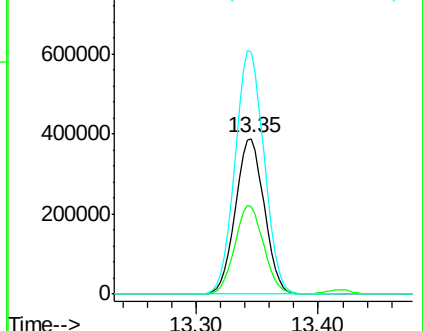
150 157.4 0.0 346.6

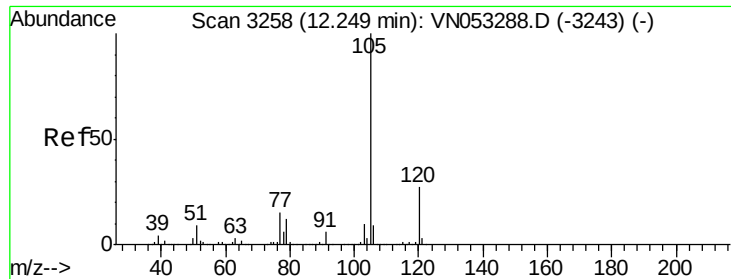


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.334 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

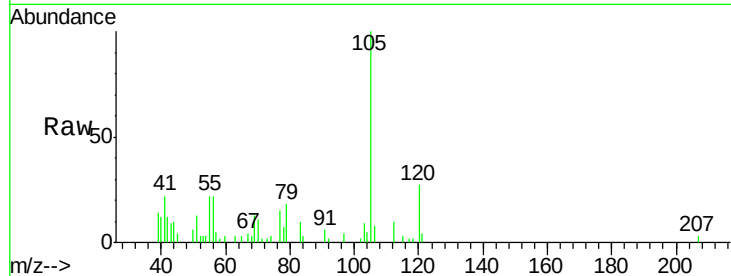
COMP-1-DRUM

Tot Ion:105 Resp: 15782

Ion Ratio Lower Upper

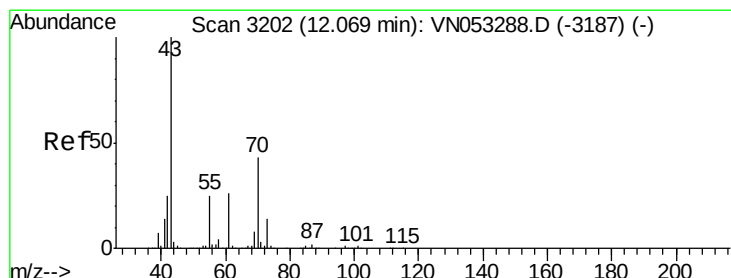
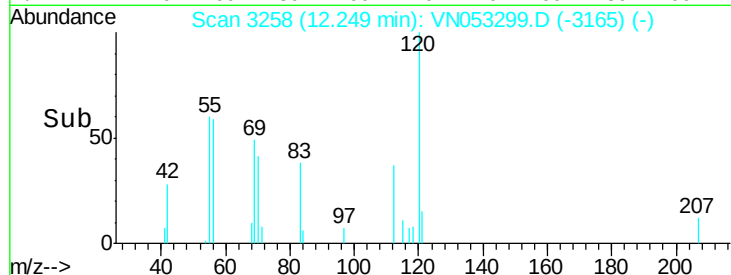
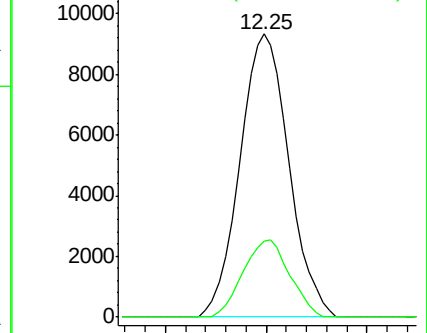
105 100

120 26.1 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: 0.601 ug/l

RT: 12.00 min Scan# 3180

Delta R.T. -0.07 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Tgt Ion: 43 Resp: 8483

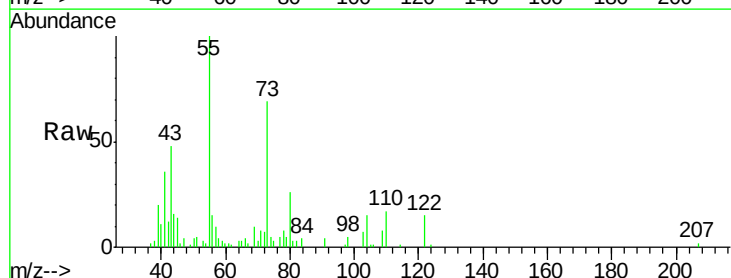
Ion Ratio Lower Upper

43 100

70 8.5 35.0 52.6#

55 216.5 20.0 30.0#

61 0.0 20.3 30.5#

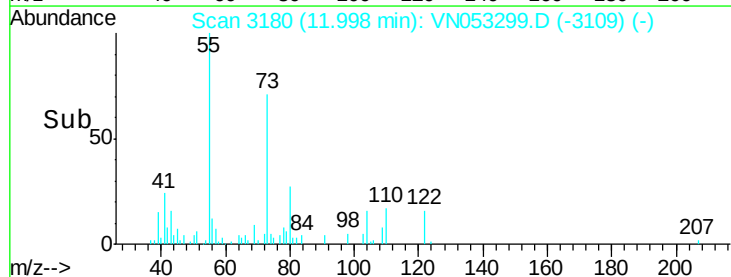
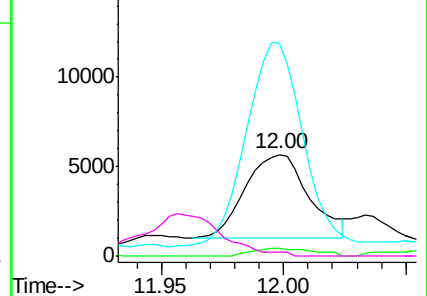


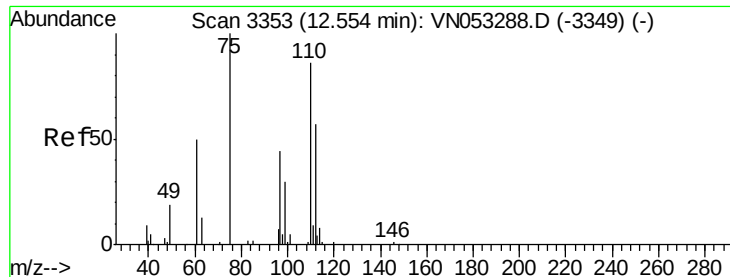
Abundance Ion 43.00 (42.70 to 43.70): V

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: 33.839 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

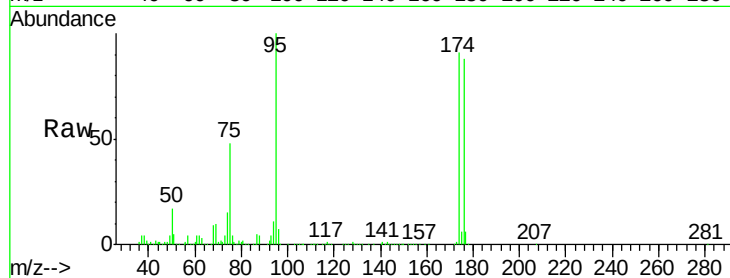
COMP-1-DRUM

Tot Ion: 75 Resp: 313195

Ion Ratio Lower Upper

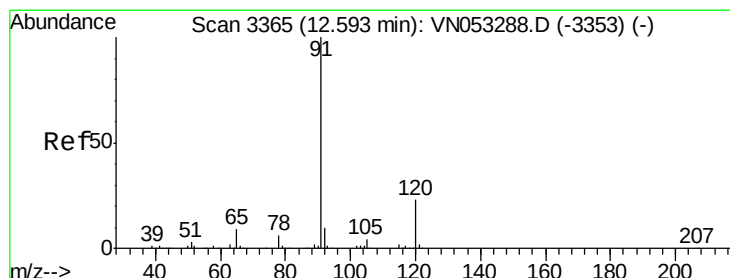
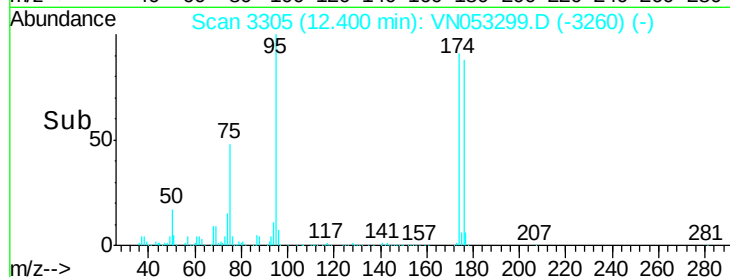
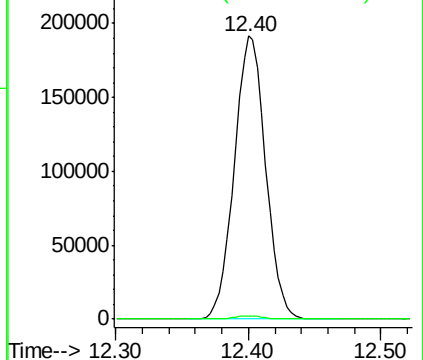
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.501 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053299.D

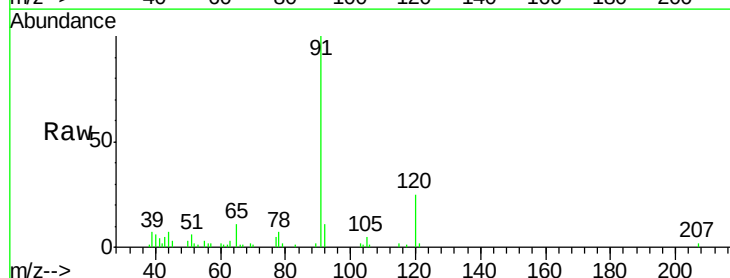
Acq: 7 Jan 2019 12:47

Tgt Ion: 91 Resp: 26769

Ion Ratio Lower Upper

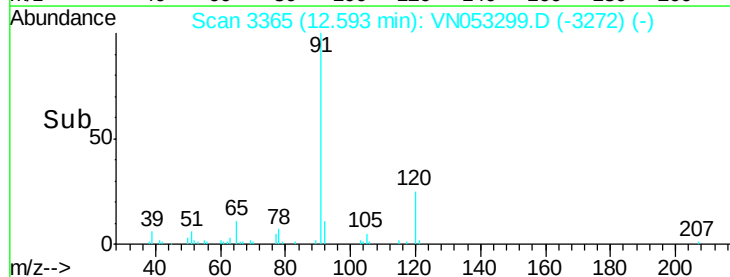
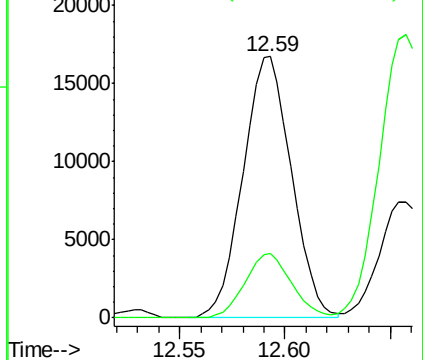
91 100

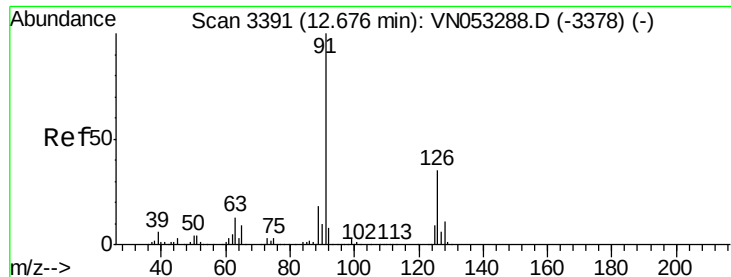
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.370 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

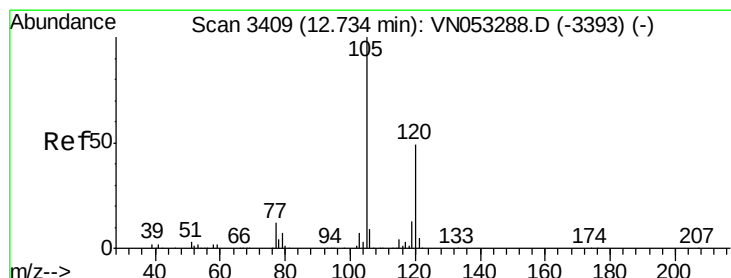
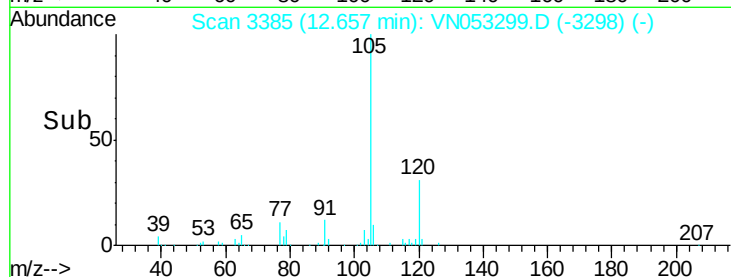
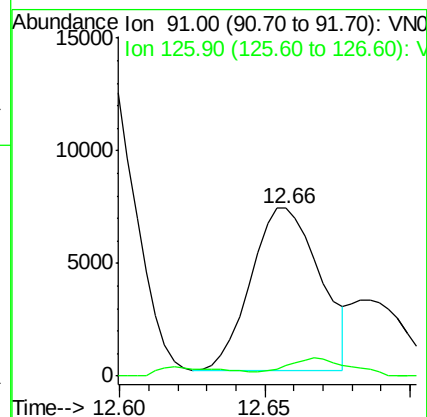
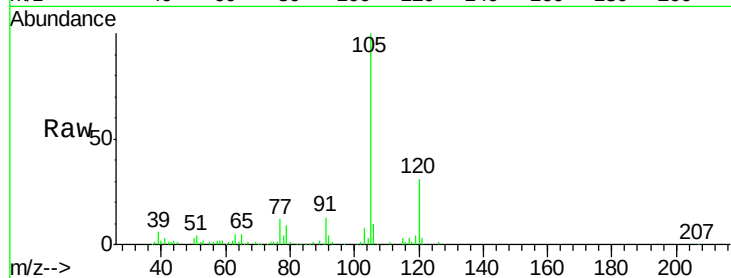
COMP-1-DRUM

Tot Ion: 91 Resp: 11955

Ion Ratio Lower Upper

91 100

126 10.2 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 1.944 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053299.D

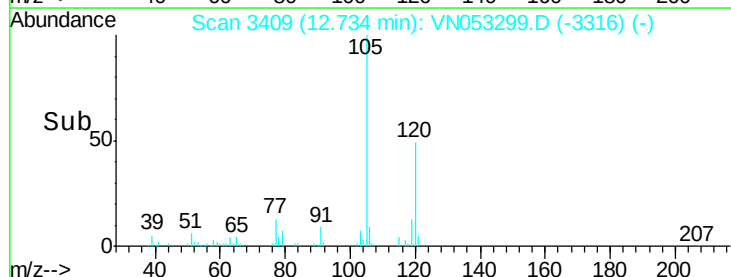
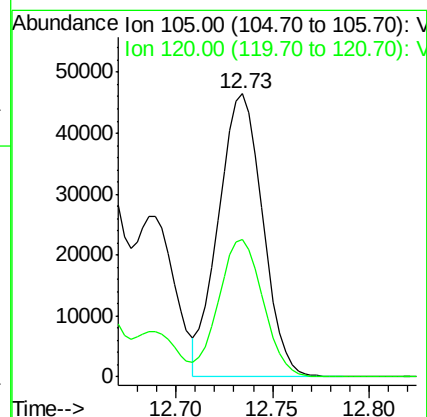
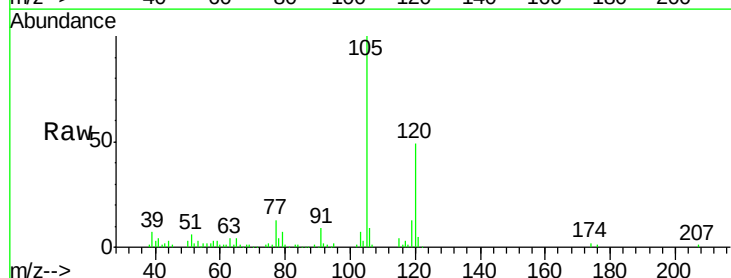
Acq: 7 Jan 2019 12:47

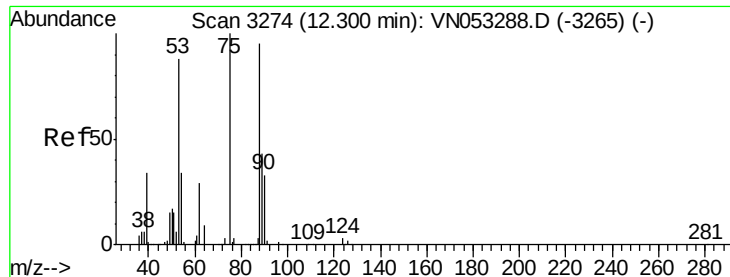
Tgt Ion: 105 Resp: 73994

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 99.560 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-DRUM

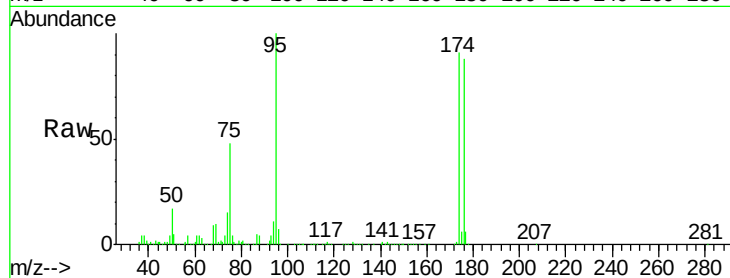
Tot Ion: 75 Resp: 313195

Ion Ratio Lower Upper

75 100

53 0.2 70.5 105.7#

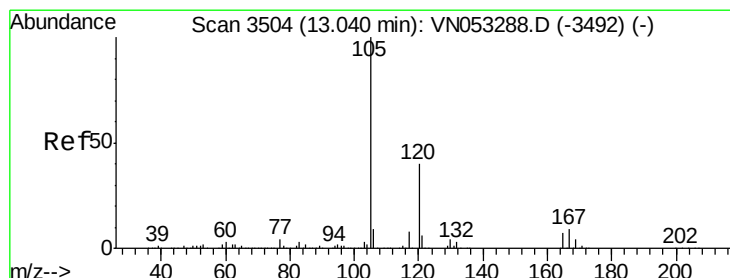
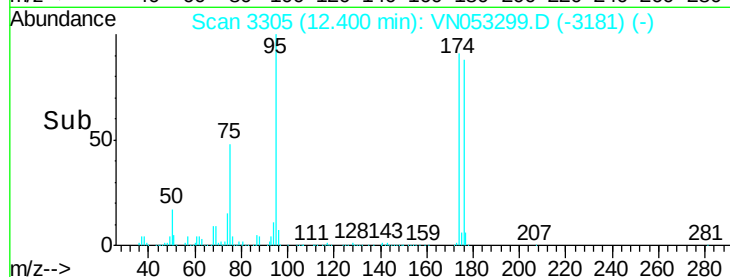
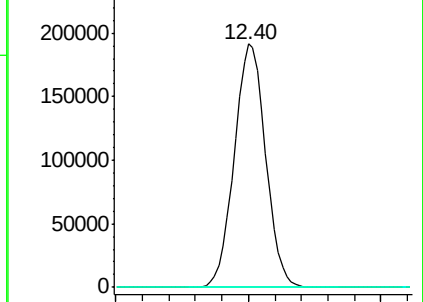
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053288.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN053288.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN053288.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 4.737 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053299.D

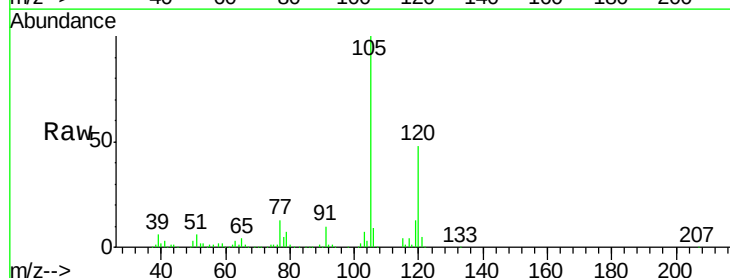
Acq: 7 Jan 2019 12:47

Tgt Ion: 105 Resp: 183648

Ion Ratio Lower Upper

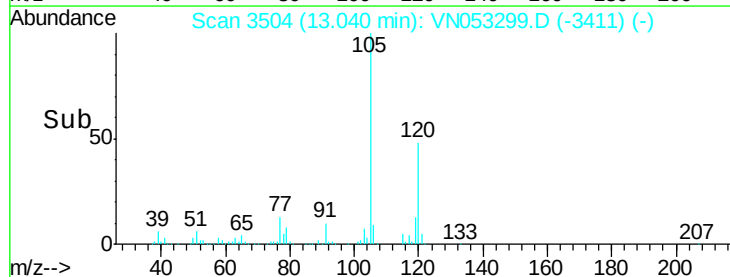
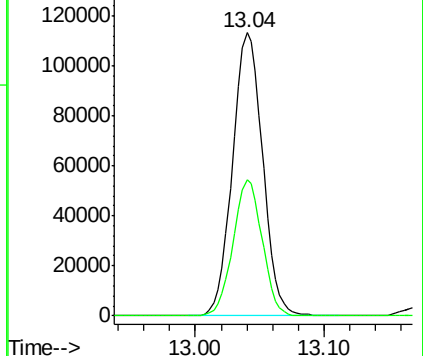
105 100

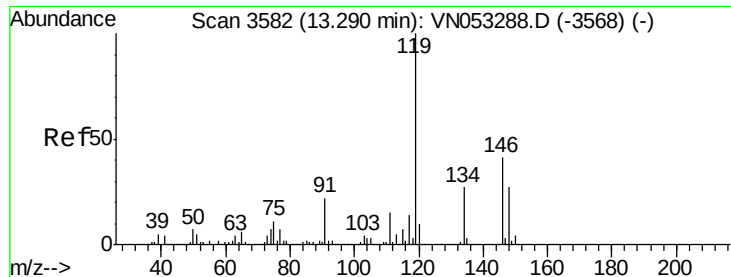
120 46.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053288.D (-3492) (-)

Ion 120.00 (119.70 to 120.70): VN053288.D (-3492) (-)

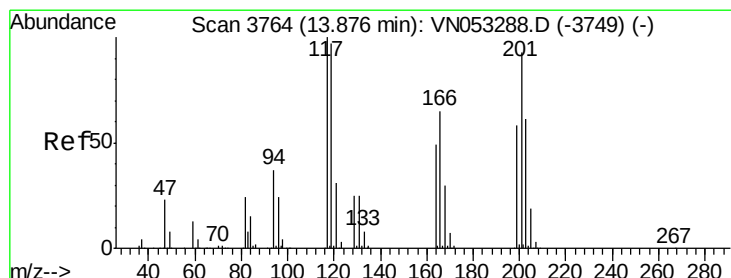
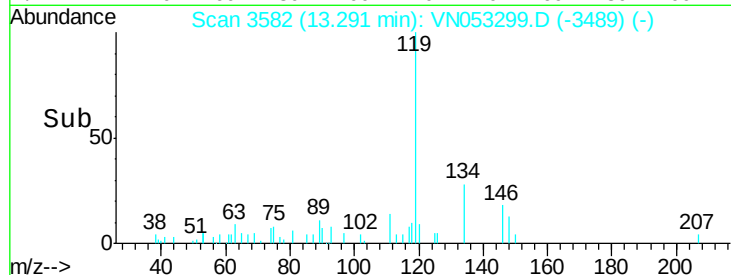
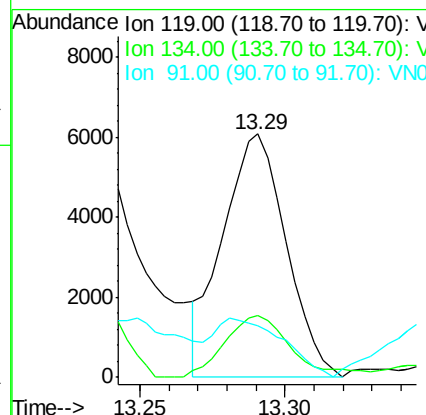
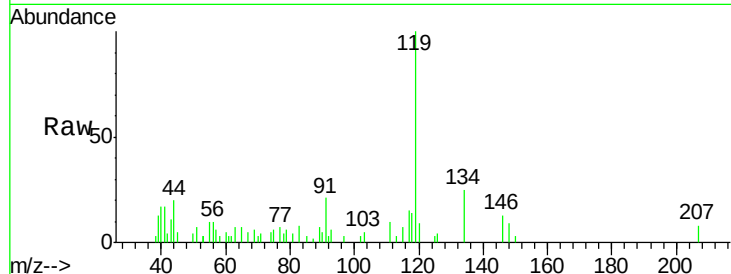




#86
 p-Isopropyltoluene
 Concen: 0.243 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

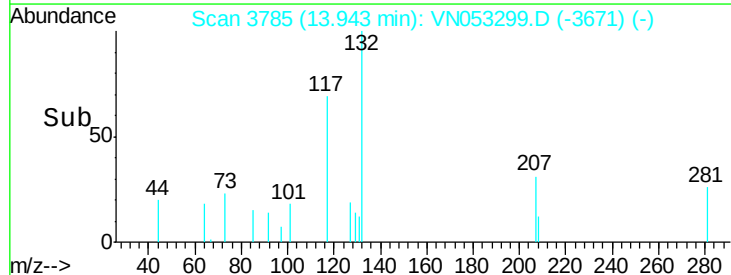
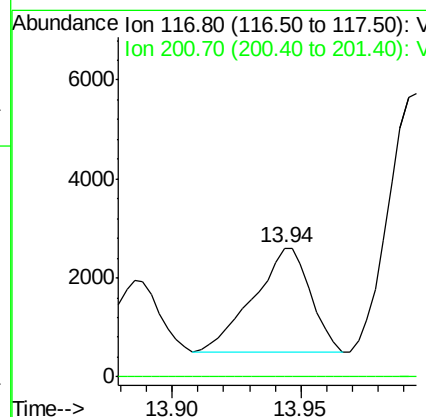
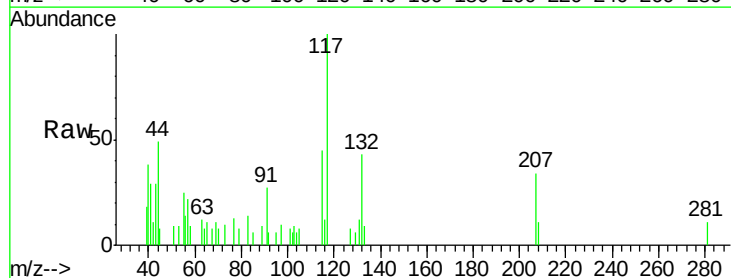
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-DRUM

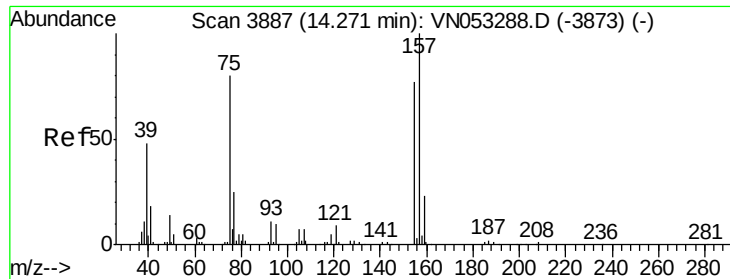
Tot Ion:119 Resp: 9251
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 26.4 11.1 33.1



#90
 Hexachloroethane
 Concen: 0.532 ug/l
 RT: 13.94 min Scan# 3785
 Delta R.T. 0.07 min
 Lab File: VN053299.D
 Acq: 7 Jan 2019 12:47

Tgt Ion:117 Resp: 3248
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.1 138.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.467 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

COMP-1-DRUM

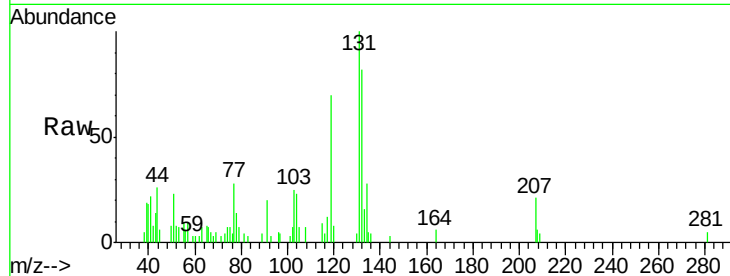
Tot Ion: 75 Resp: 615

Ion Ratio Lower Upper

75 100

155 0.0 48.1 144.3#

157 0.0 61.5 184.4#

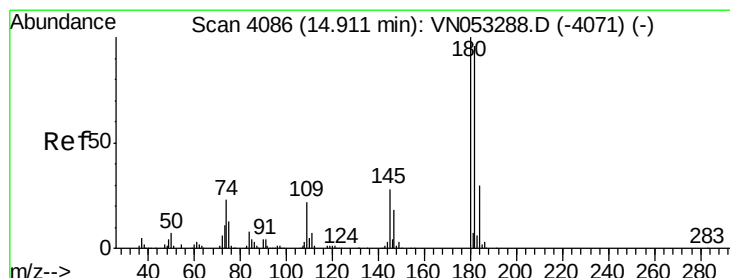
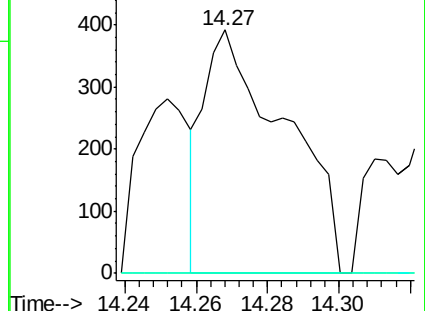
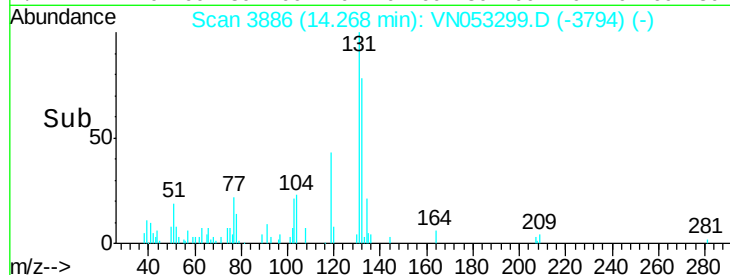


Abundance Ion 74.90 (74.60 to 75.60): VN053288.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN053288.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN053288.D (-3873) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.214 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

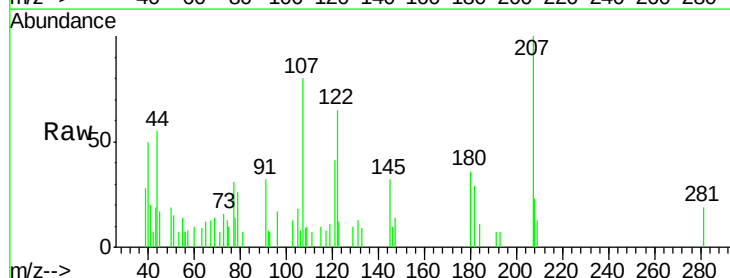
Tgt Ion: 180 Resp: 1397

Ion Ratio Lower Upper

180 100

182 80.5 47.8 143.4

145 83.4 14.4 43.0#

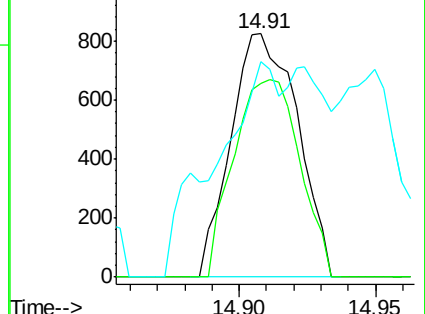
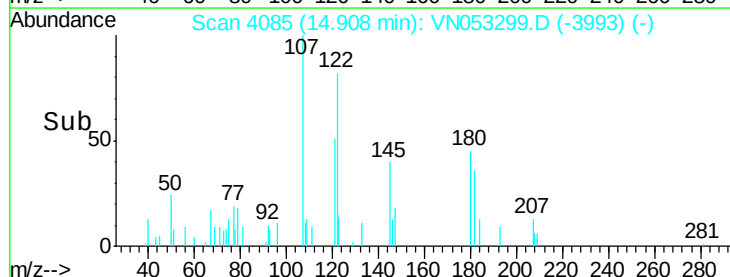


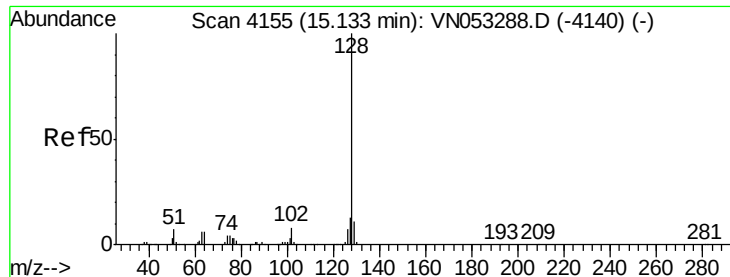
Abundance Ion 179.80 (179.50 to 180.50): VN053288.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN053288.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN053288.D (-4071) (-)

Time-->





#95

Naphthalene

Concen: 92.690 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-DRUM

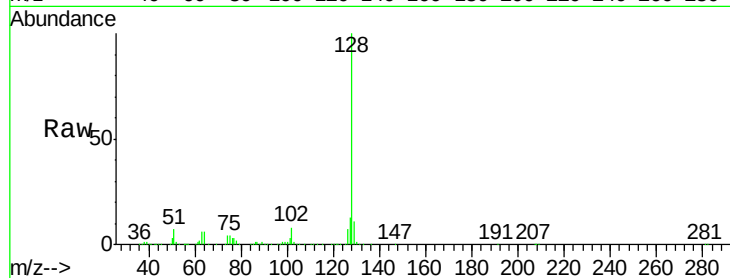
Tot Ion:128 Resp: 1034122

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

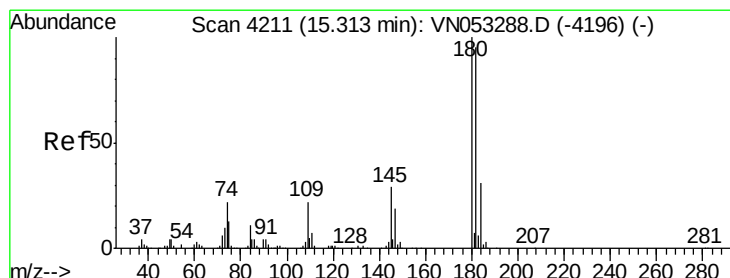
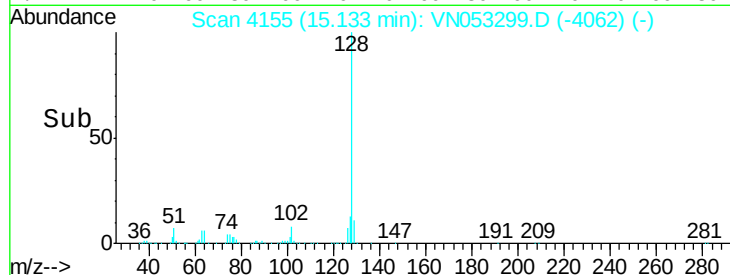
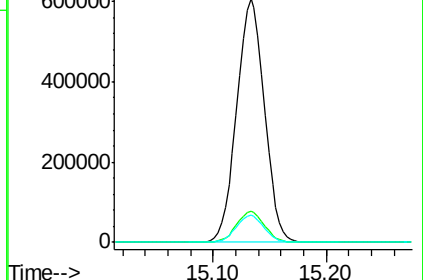
129 11.1 8.7 13.1



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: 0.362 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053299.D

Acq: 7 Jan 2019 12:47

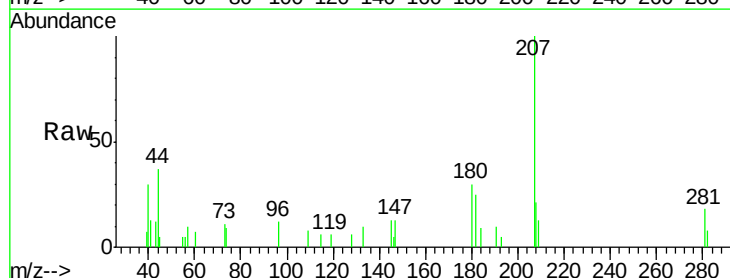
Tgt Ion:180 Resp: 1551

Ion Ratio Lower Upper

180 100

182 88.6 48.4 145.0

145 83.0 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

