

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053298.D
 Acq On : 7 Jan 2019 12:20
 Operator : MD\SY
 Sample : K1053-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

Quant Time: Jan 08 01:23:23 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	1011515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1557570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1455278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	659856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	499022	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	441550	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1915695	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	690522	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	9690	15.309	ug/l #	82
13) Acrolein	3.61	56	824	1.035	ug/l #	75
16) Acetone	3.82	43	53127	18.910	ug/l	94
17) Carbon Disulfide	4.06	76	8037	0.276	ug/l	98
18) Methyl Acetate	4.33	43	48306	5.072	ug/l	98
20) Methylene Chloride	4.55	84	13026	1.152	ug/l	96
25) 2-Butanone	6.83	43	349813	81.024	ug/l	99
29) Tetrahydrofuran	7.19	42	2340	0.821	ug/l #	42
31) Cyclohexane	7.67	56	17580	0.787	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	66926	4.603	ug/l #	48
37) Ethyl Acetate	6.83	43	349813	36.934	ug/l #	67
38) Carbon Tetrachloride	7.66	117	86625	6.454	ug/l #	16
40) Benzene	8.04	78	139223	3.134	ug/l	100
41) Methacrylonitrile	7.19	41	20270	3.447	ug/l #	100
43) Isopropyl Acetate	8.30	43	64801	3.478	ug/l #	52
48) Methyl methacrylate	9.17	41	2247	0.265	ug/l #	27
49) 1,4-Dioxane	9.21	88	1002	11.110	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5348	0.571	ug/l	97
52) Toluene	10.16	92	188522	6.918	ug/l	100
59) 2-Hexanone	10.75	43	2381	0.371	ug/l	85
67) Ethyl Benzene	11.51	91	37857	0.705	ug/l	99
68) m/p-Xylenes	11.62	106	55180	2.732	ug/l	99
69) o-Xylene	11.95	106	24888	1.259	ug/l	99
70) Styrene	11.96	104	48165	1.496	ug/l	99
71) Bromoform	12.41	173	4422	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	317623	33.002	ug/l #	100
78) n-propylbenzene	12.59	91	11787	0.212	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	22436	0.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	317623	97.097	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	57728	1.432	ug/l	100
89) n-Butylbenzene	13.61	91	9306	0.280	ug/l #	74
90) Hexachloroethane	13.88	117	1570	0.247	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.26	75	306	0.223	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	6610	0.972	ug/l	90

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

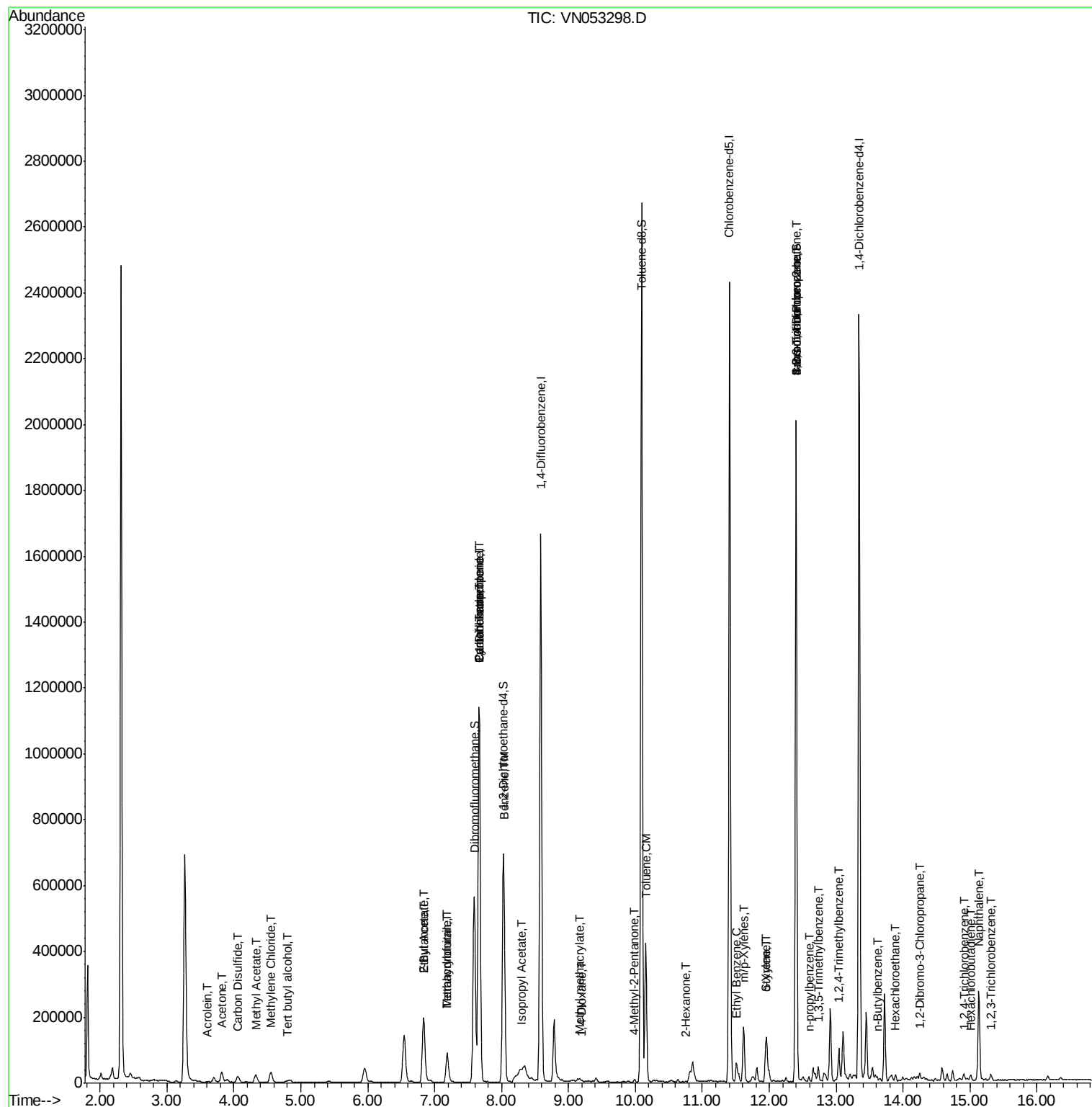
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	2995	0.538	ug/l	93
95) Naphthalene	15.13	128	247459	21.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	6510	1.462	ug/l	97

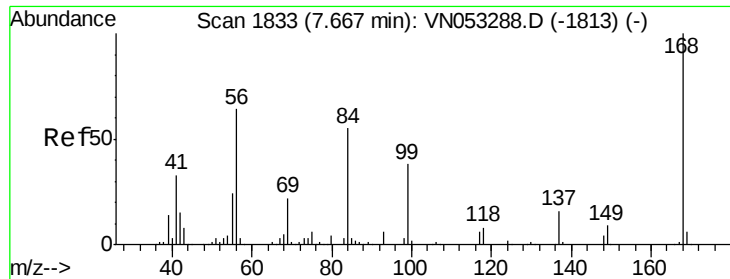
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010719\
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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: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

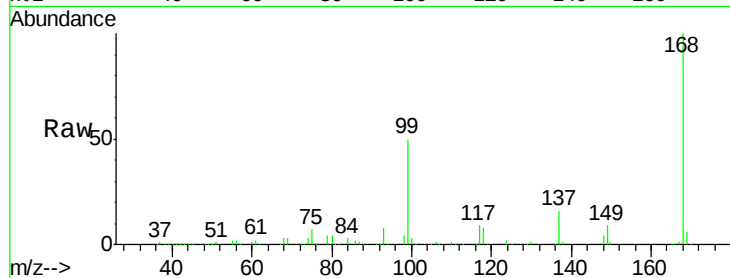
COMP-4-DRUM

Tot Ion:168 Resp: 1011515

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053298.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053298.D (-1740) (-)

7.67

400000

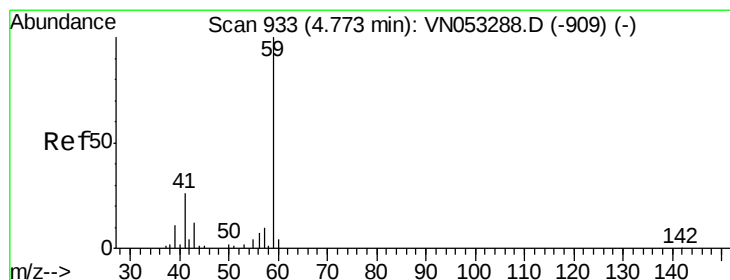
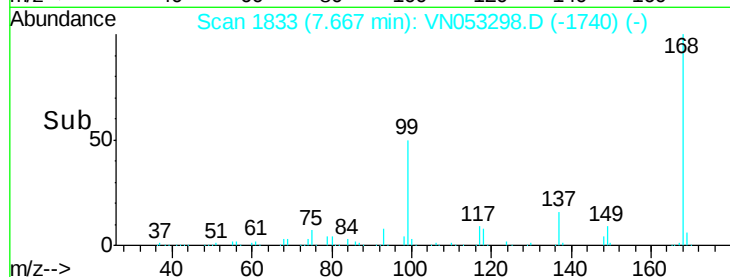
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 15.309 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.02 min

Lab File: VN053298.D

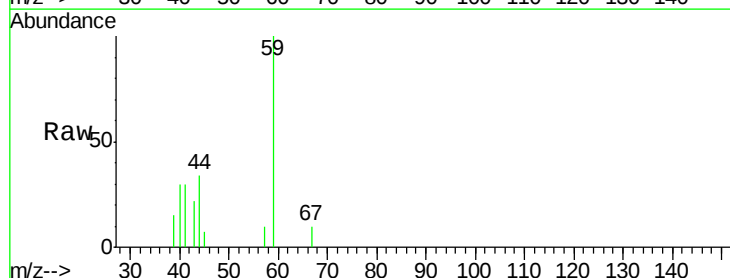
Acq: 7 Jan 2019 12:20

Tgt Ion: 59 Resp: 9690

Ion Ratio Lower Upper

59 100

57 3.4 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN053298.D (-840) (-)

Ion 57.00 (56.70 to 57.70): VN053298.D (-840) (-)

4.79

3000

2500

2000

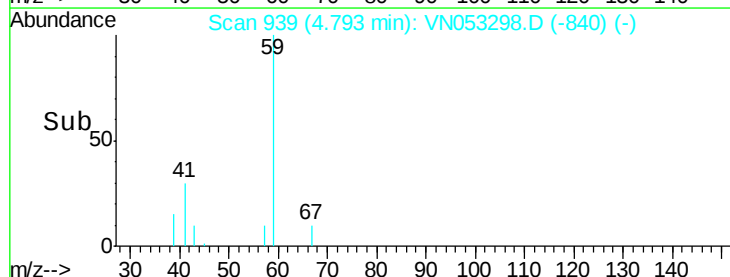
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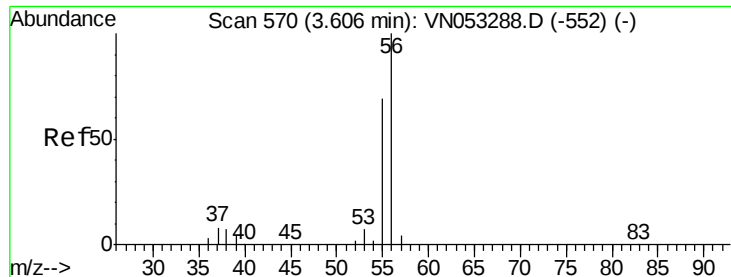
1000

500

0

Time-->





#13

Acrolein

Concen: 1.035 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

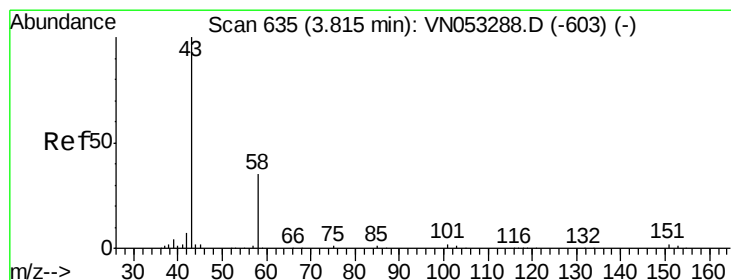
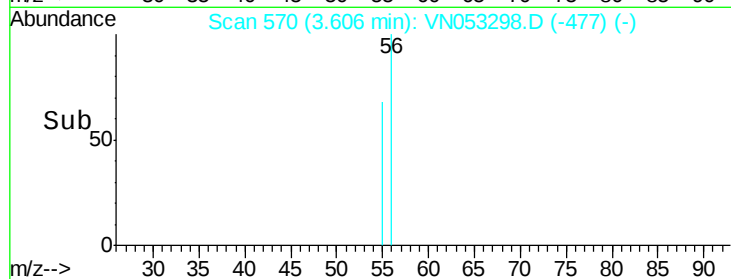
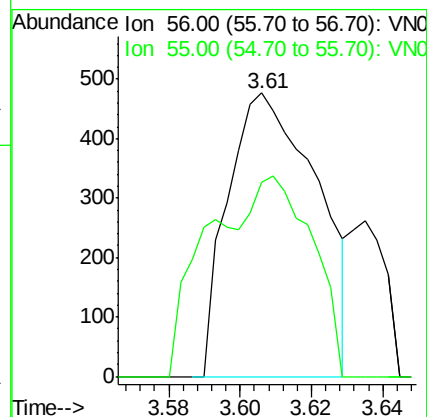
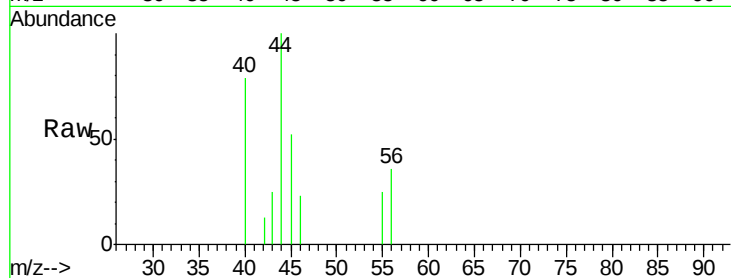
COMP-4-DRUM

Tot Ion: 56 Resp: 824

Ion Ratio Lower Upper

56 100

55 49.8 56.3 84.5#



#16

Acetone

Concen: 18.910 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053298.D

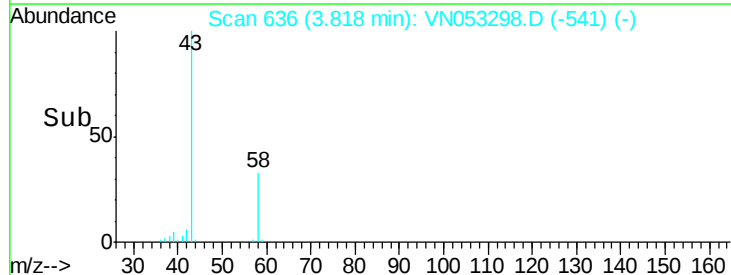
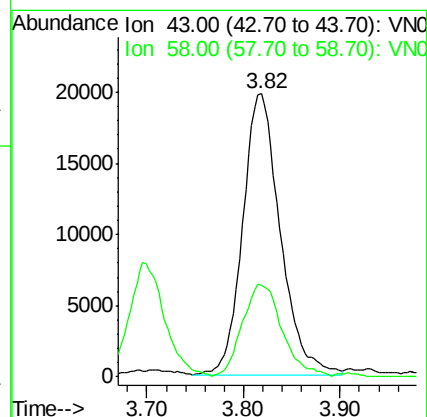
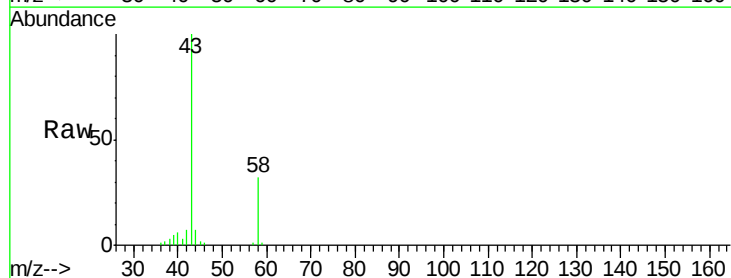
Acq: 7 Jan 2019 12:20

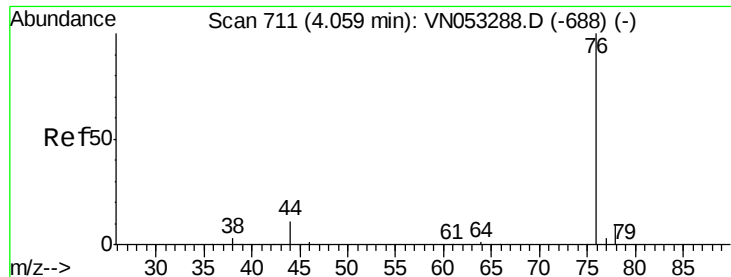
Tgt Ion: 43 Resp: 53127

Ion Ratio Lower Upper

43 100

58 31.4 27.8 41.6

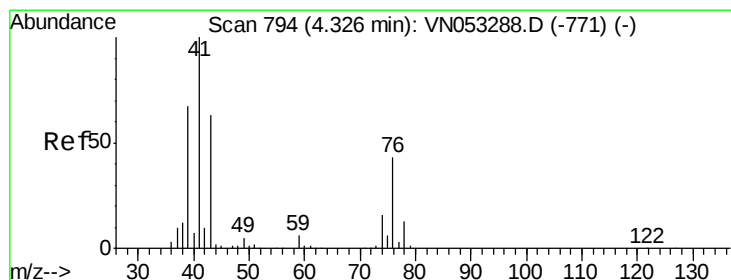
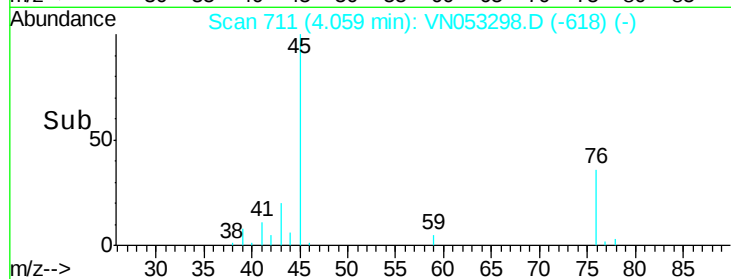
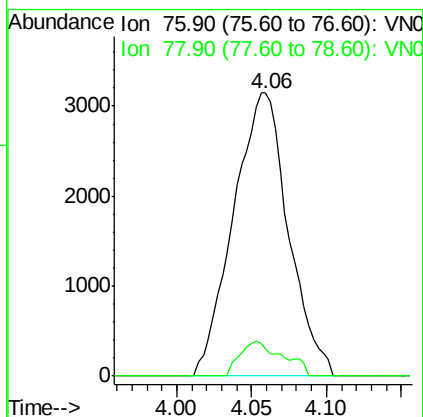
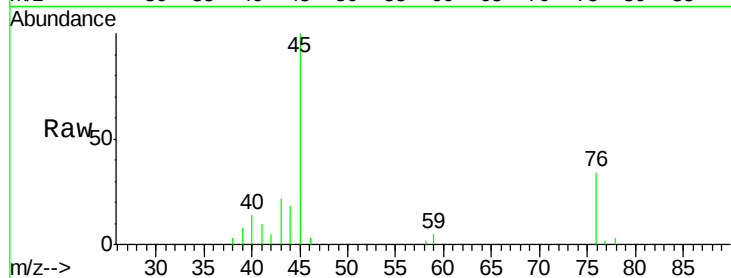




#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

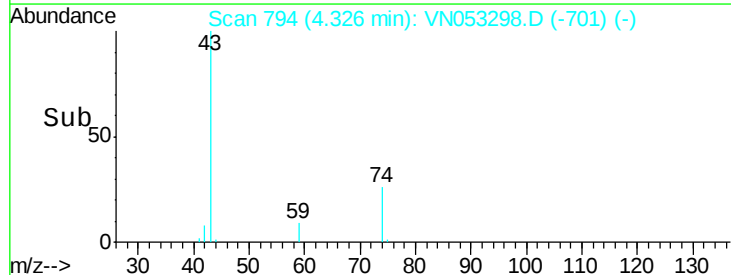
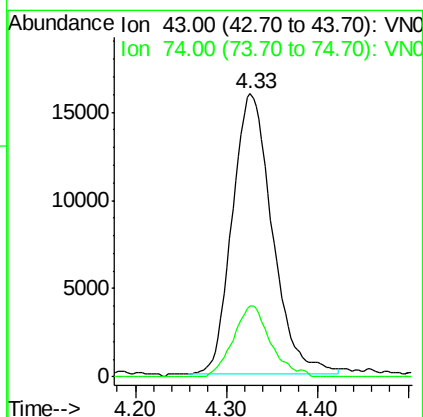
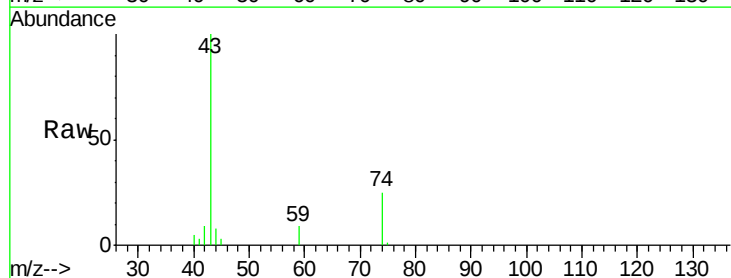
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

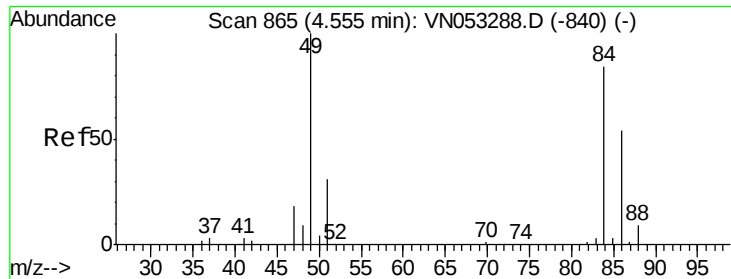
Tot Ion: 76 Resp: 8037
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 5.072 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 43 Resp: 48306
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8

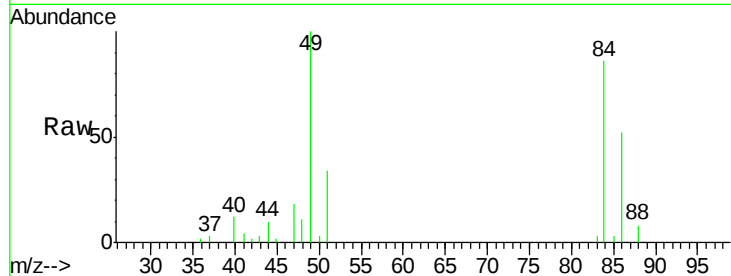




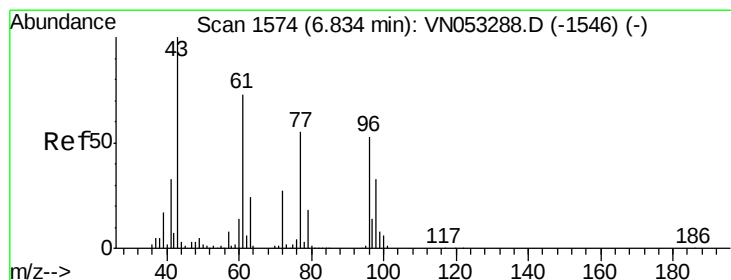
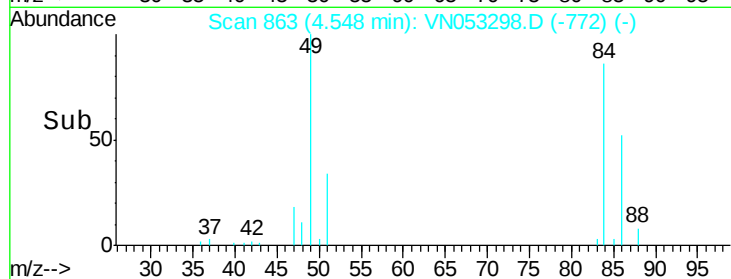
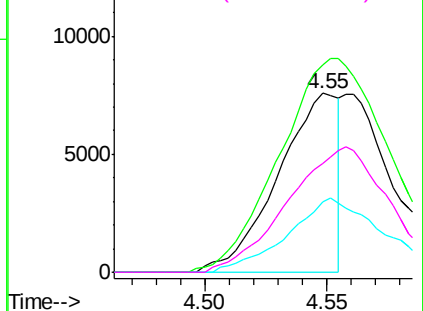
#20
Methvlene Chloride
Concen: 1.152 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Instrument :
MSVOA_N
ClientSampled :
COMP-4-DRUM

Tot Ion:	84	Resp:	13026
Ion	Ratio	Lower	Upper
84	100		
49	115.9	95.3	142.9
51	39.3	29.0	43.6
86	60.5	51.7	77.5

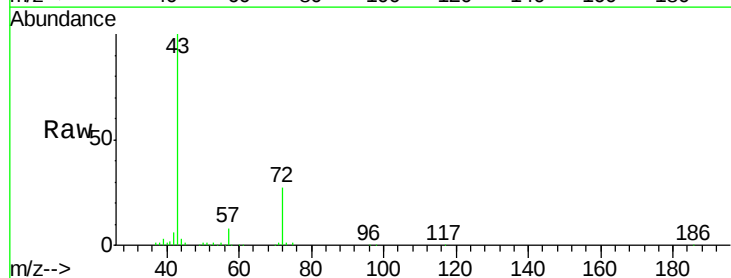


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

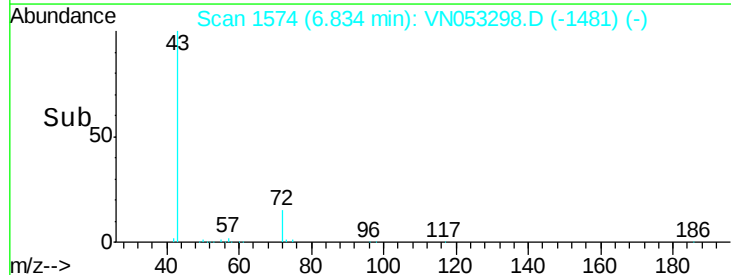
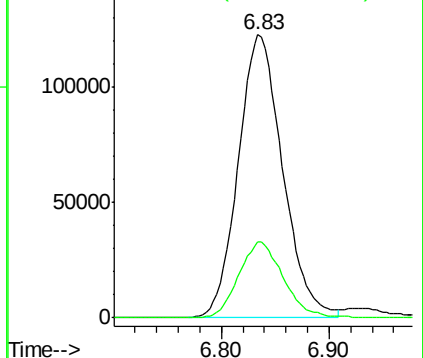


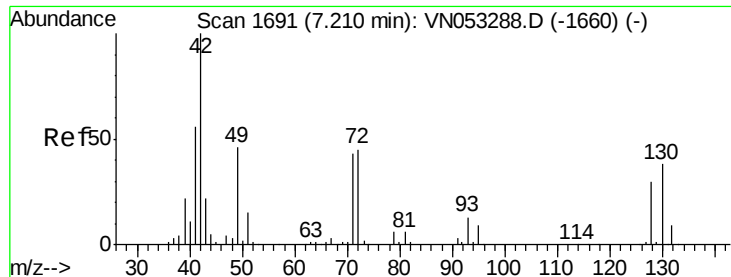
#25
2-Butanone
Concen: 81.024 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion:	43	Resp:	349813
Ion	Ratio	Lower	Upper
43	100		
72	27.0	22.0	33.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.821 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.02 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

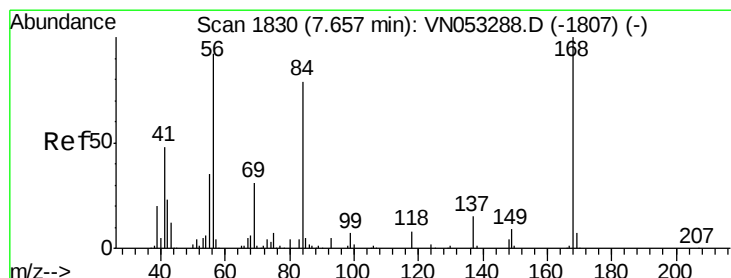
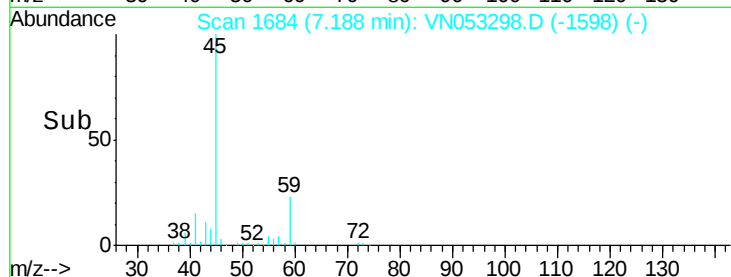
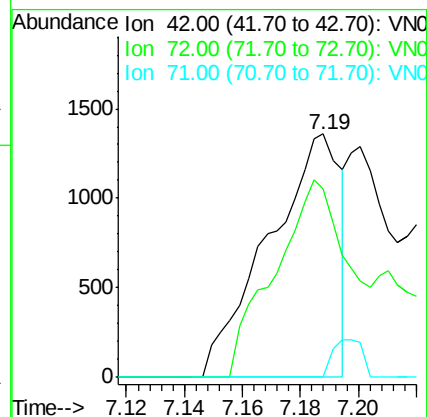
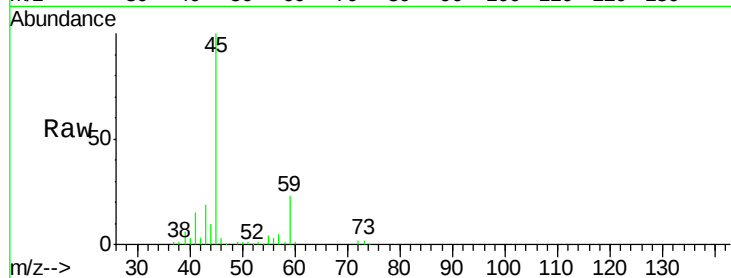
Tot Ion: 42 Resp: 2340

Ion Ratio Lower Upper

42 100

72 83.4 35.6 53.4#

71 6.3 33.8 50.8#



#31

Cyclohexane

Concen: 0.787 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

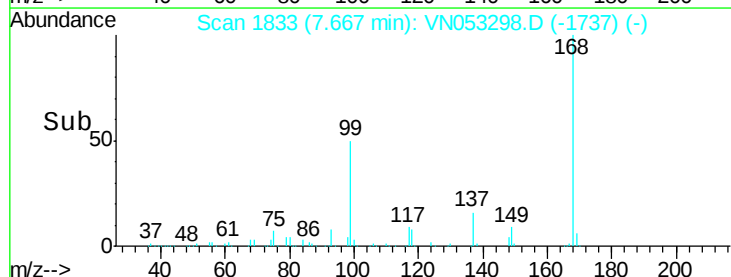
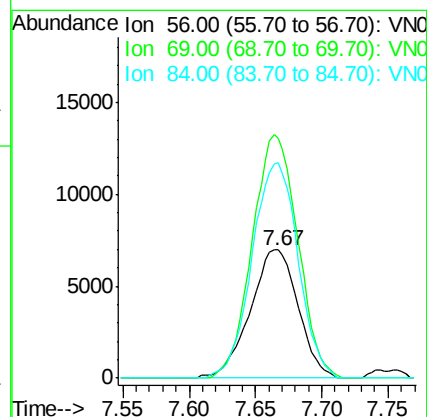
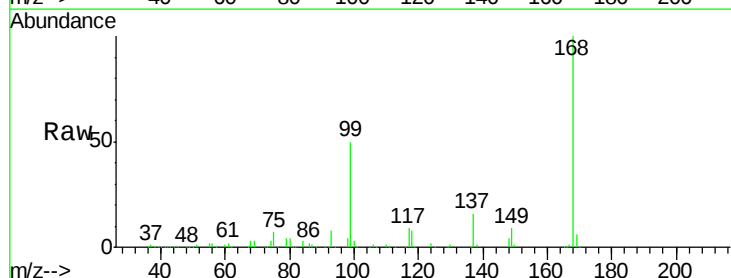
Tgt Ion: 56 Resp: 17580

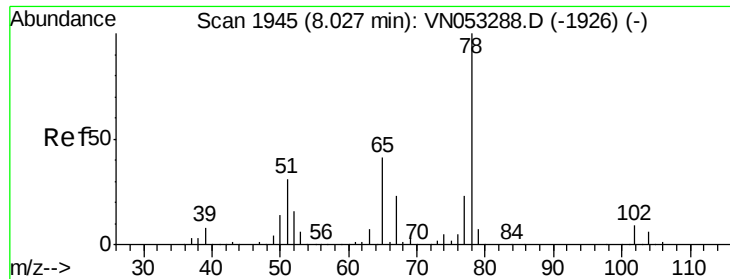
Ion Ratio Lower Upper

56 100

69 187.1 26.7 40.1#

84 168.1 68.2 102.4#

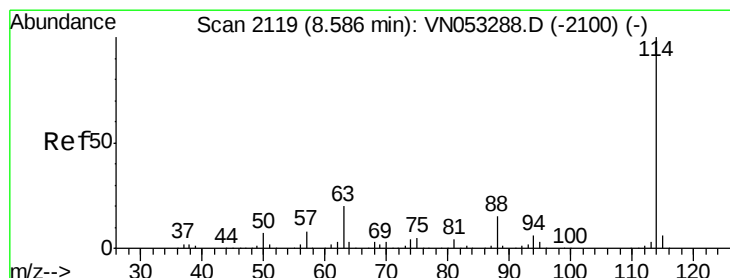
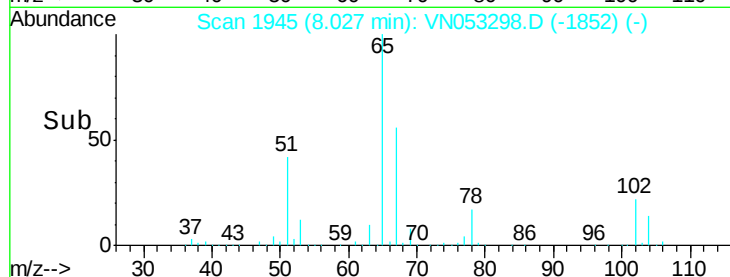
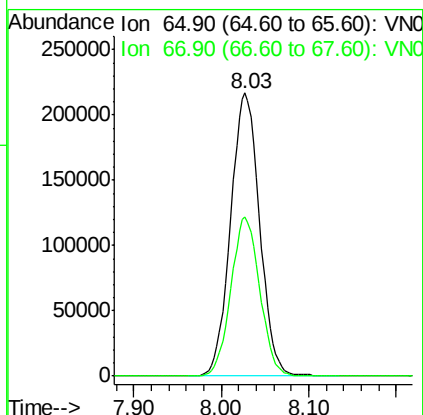
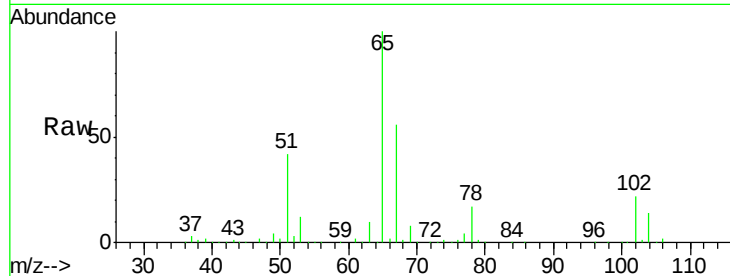




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

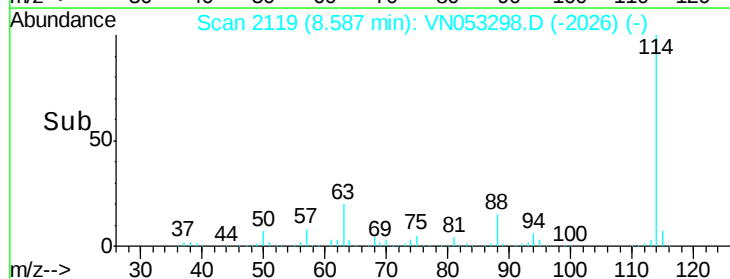
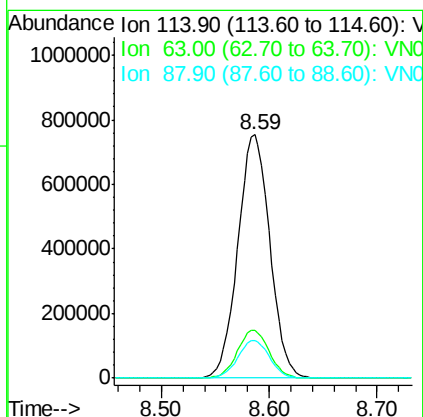
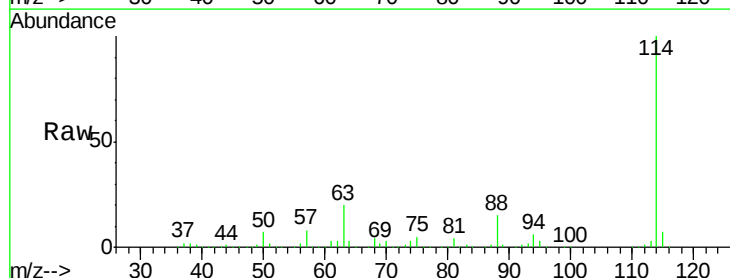
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

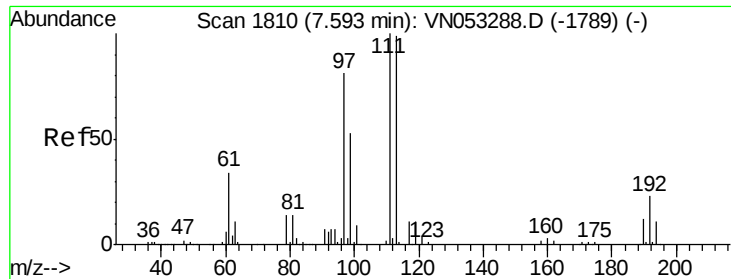
Tot Ion: 65 Resp: 499022
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

Tgt Ion: 114 Resp: 1557570
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.4 0.0 30.8

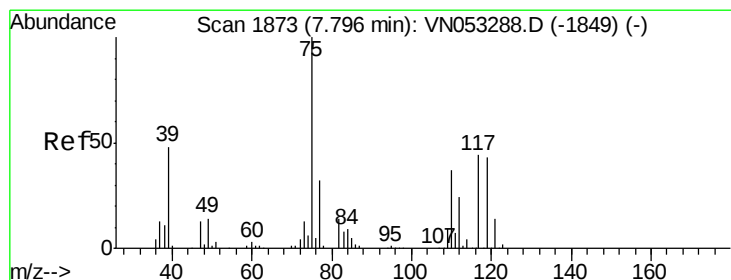
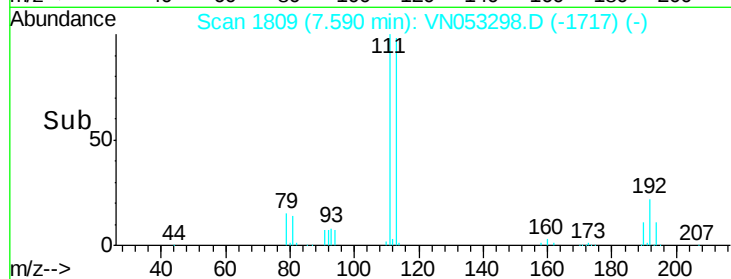
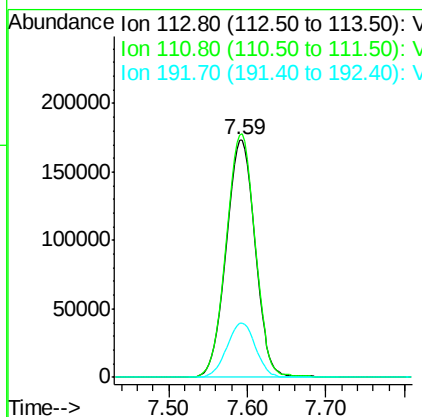
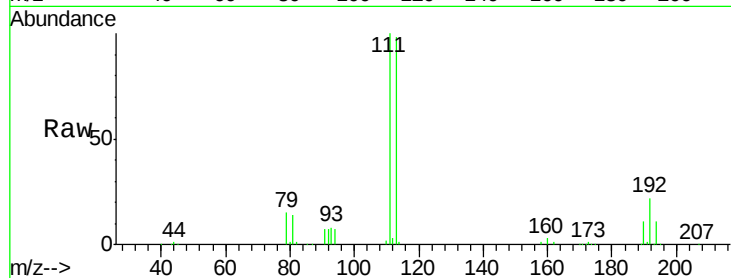




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

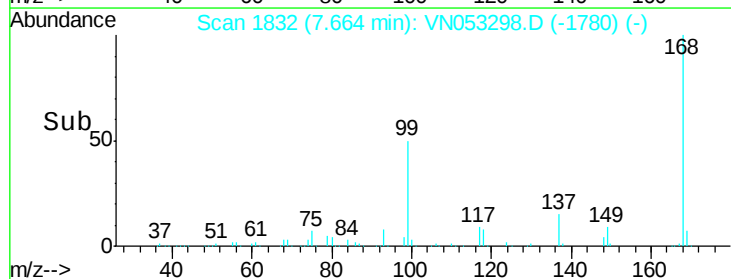
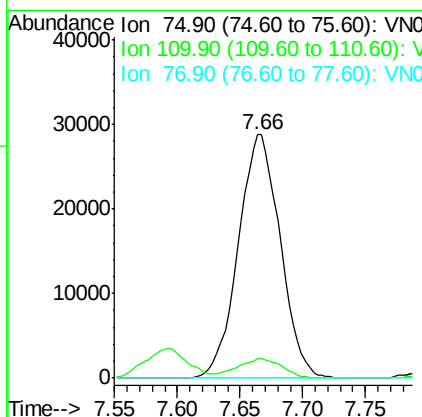
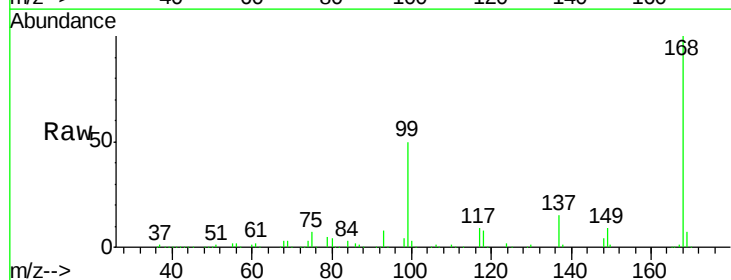
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

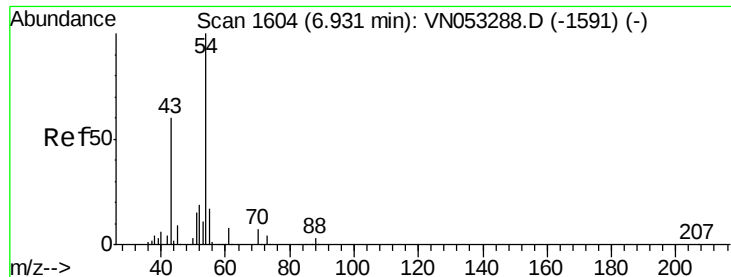
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	22.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.603 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.0#
77	0.0	25.3	37.9#

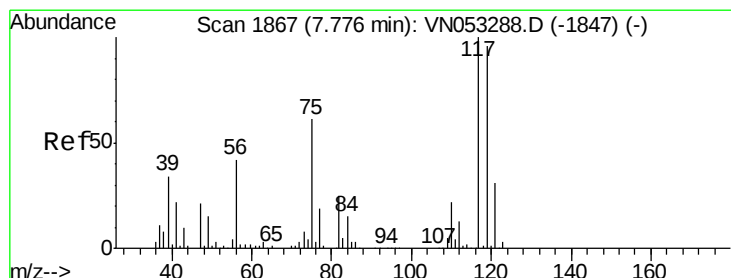
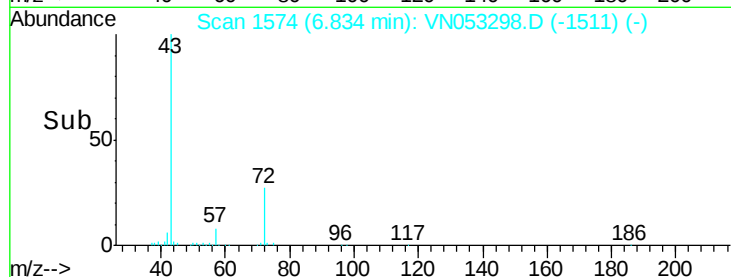
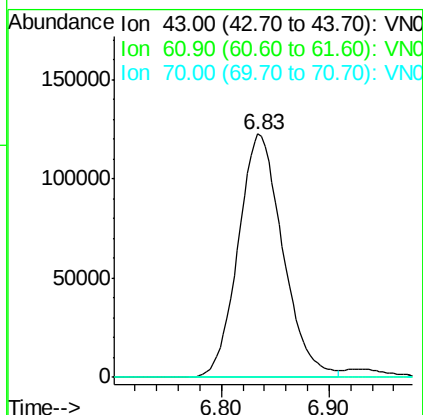
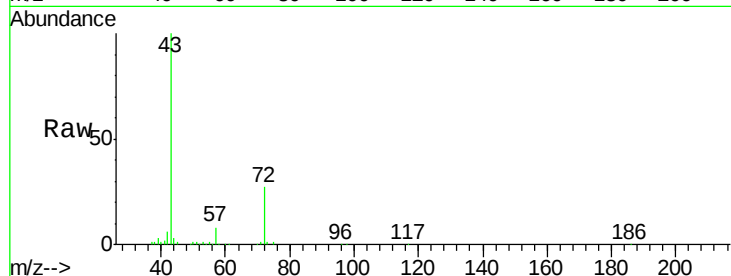




#37
Ethyl Acetate
Concen: 36.934 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.10 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

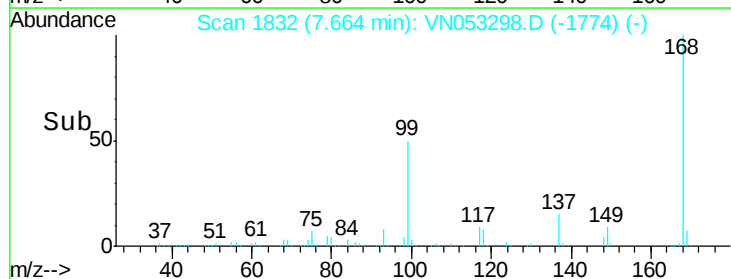
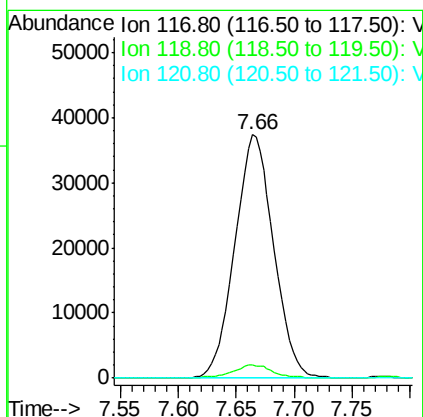
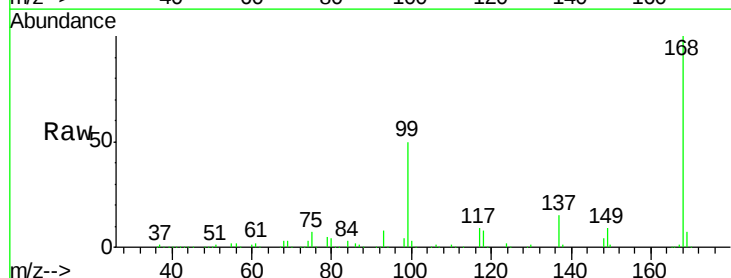
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

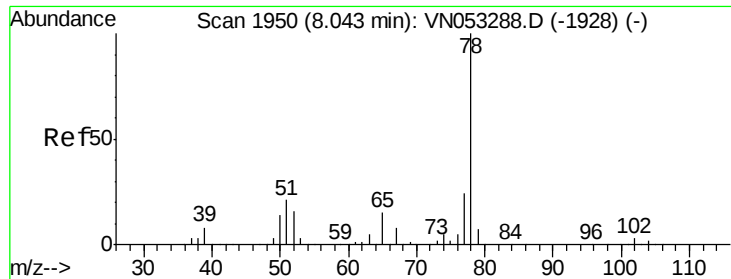
Tot Ion: 43 Resp: 349813
Ion Ratio Lower Upper
43 100
61 0.1 11.9 17.9#
70 0.1 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 117 Resp: 86625
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 25.0 37.4#





#40

Benzene

Concen: 3.134 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

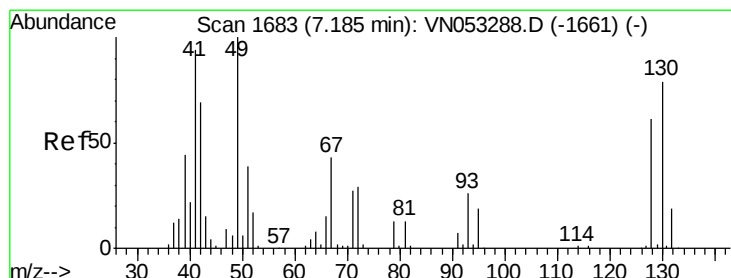
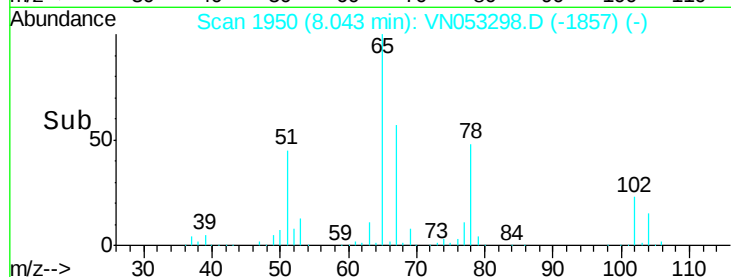
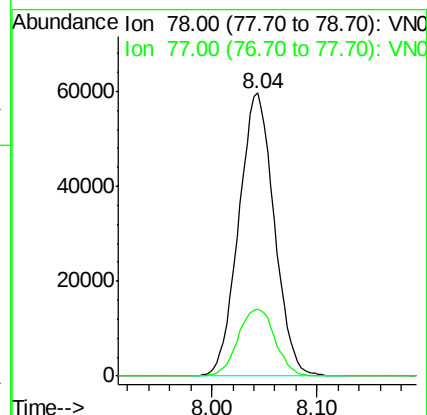
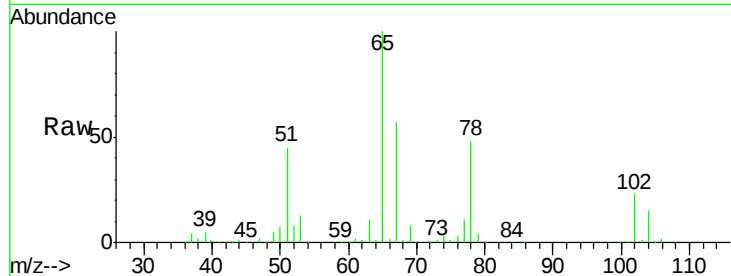
COMP-4-DRUM

Tot Ion: 78 Resp: 139223

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



#41

Methacrylonitrile

Concen: 3.447 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Tgt Ion: 41 Resp: 20270

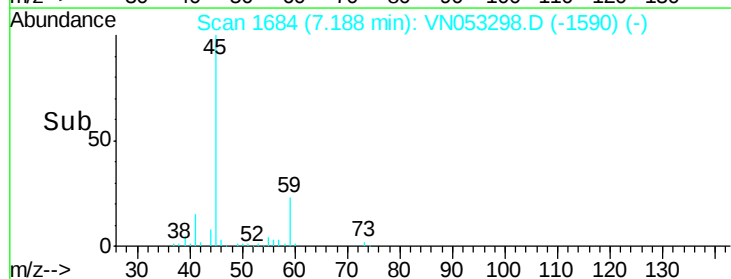
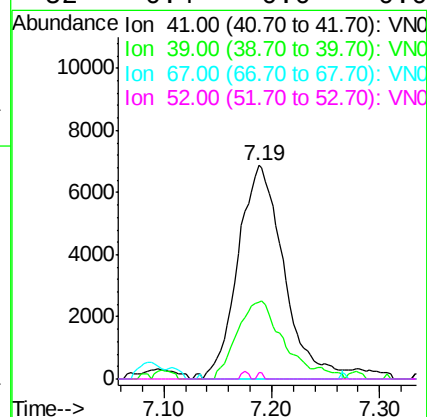
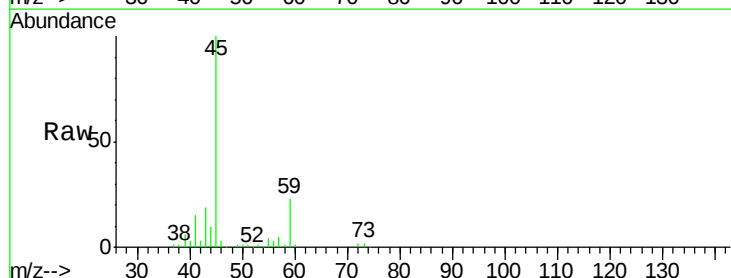
Ion Ratio Lower Upper

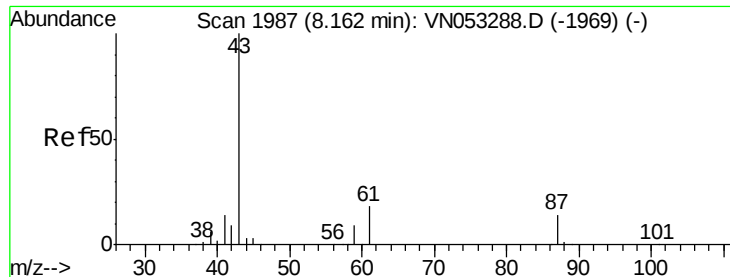
41 100

39 35.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.4 0.0 0.0#





#43

Isopropyl Acetate

Concen: 3.478 ug/l

RT: 8.30 min Scan# 2029

Delta R.T. 0.14 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

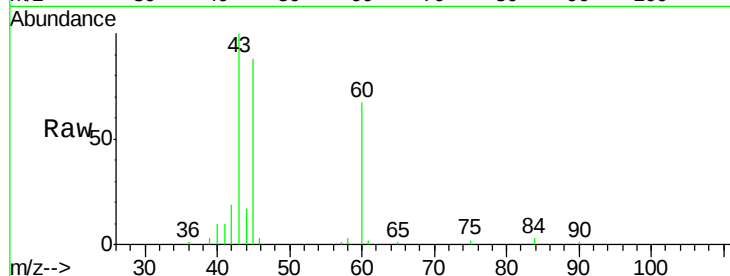
Tot Ion: 43 Resp: 64801

Ion Ratio Lower Upper

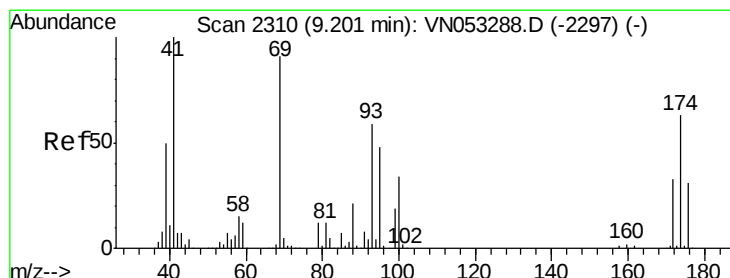
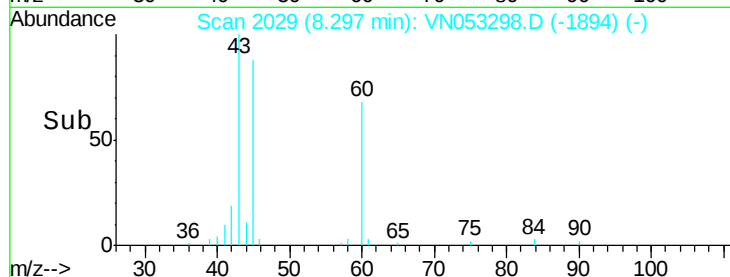
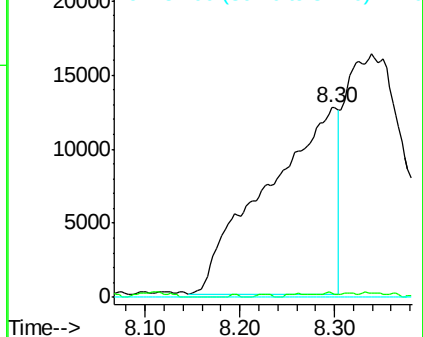
43 100

61 0.0 23.3 34.9#

87 0.0 10.8 16.2#



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



#48

Methyl methacrylate

Concen: 0.265 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

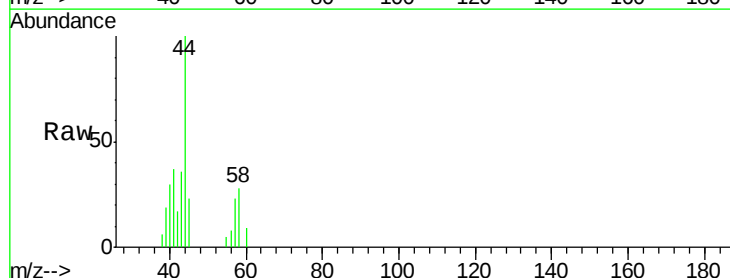
Tgt Ion: 41 Resp: 2247

Ion Ratio Lower Upper

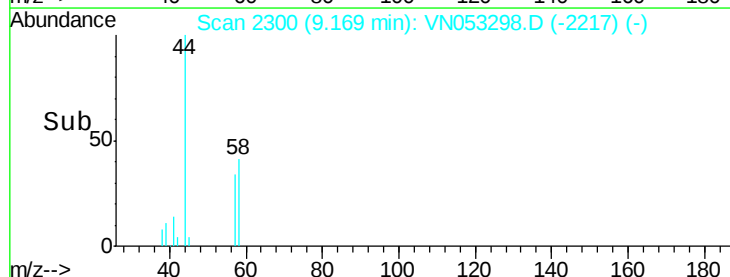
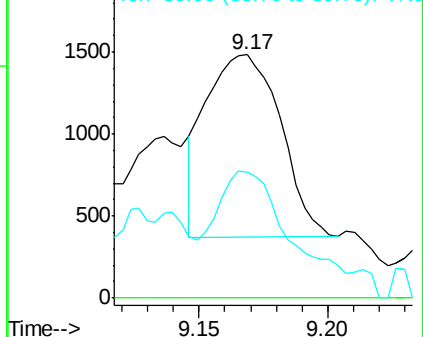
41 100

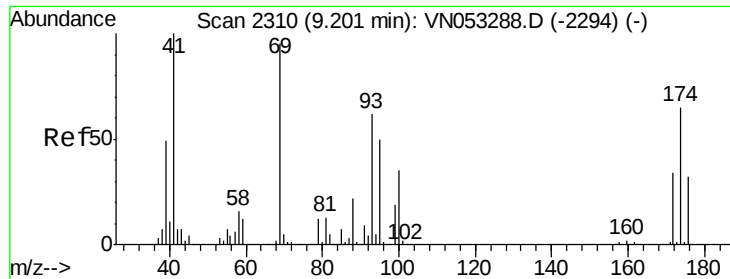
69 0.0 73.5 110.3#

39 74.9 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

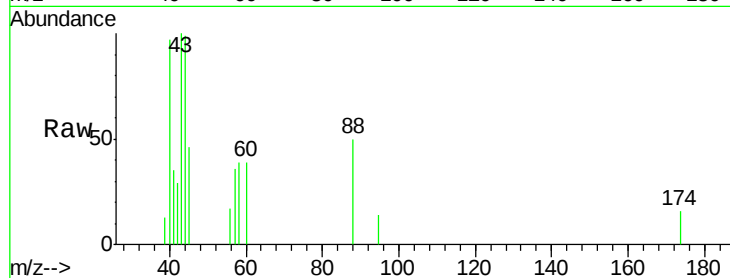




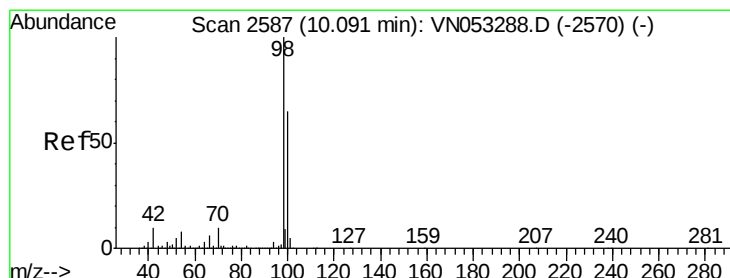
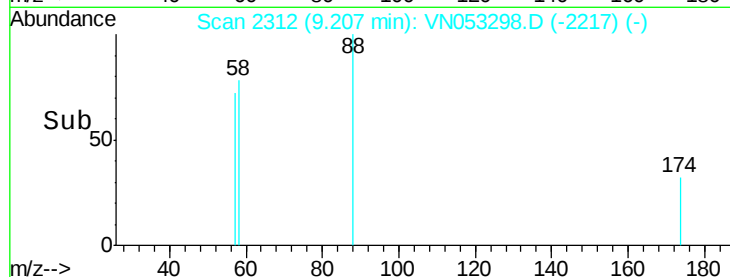
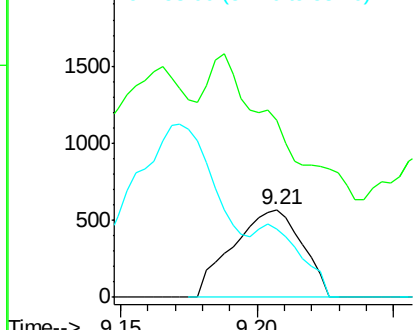
#49
1,4-Dioxane
Concen: 11.110 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

Tot Ion: 88 Resp: 1002
Ion Ratio Lower Upper
88 100
43 156.2 26.2 39.4#
58 0.0 55.5 83.3#

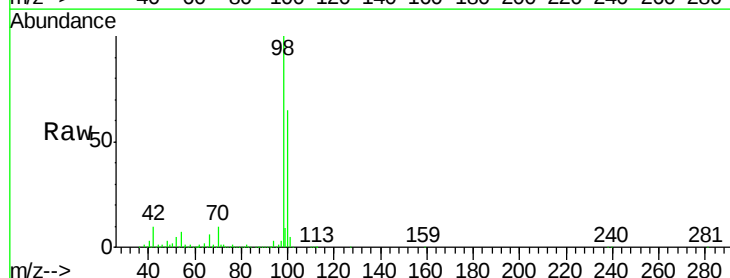


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

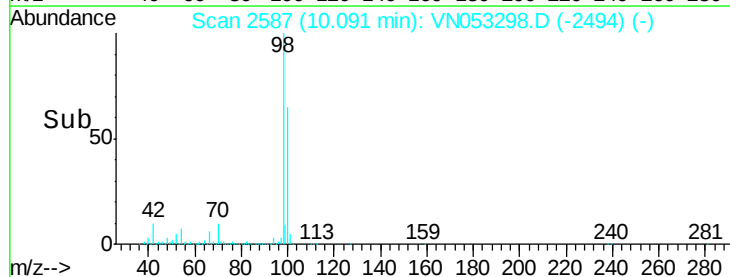
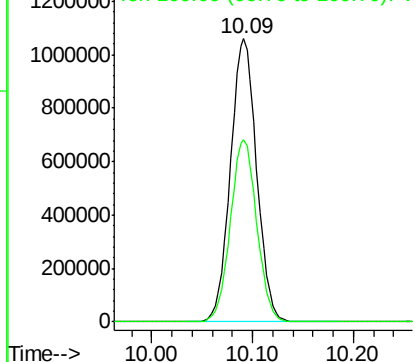


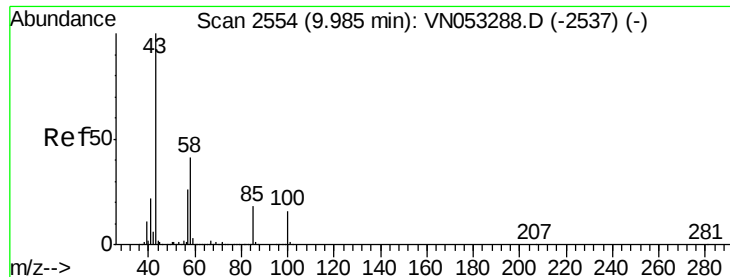
#50
Toluene-d8
Concen: 11.110 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 98 Resp: 1915695
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

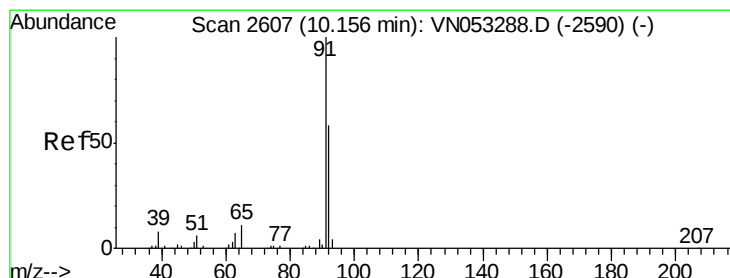
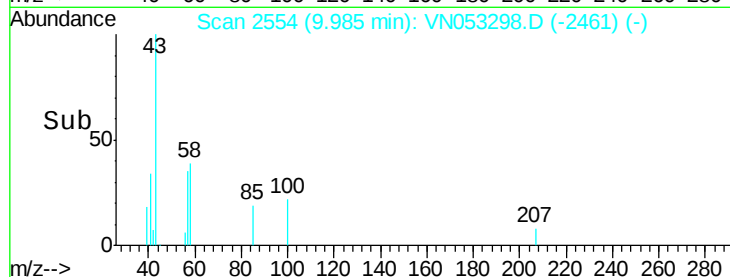
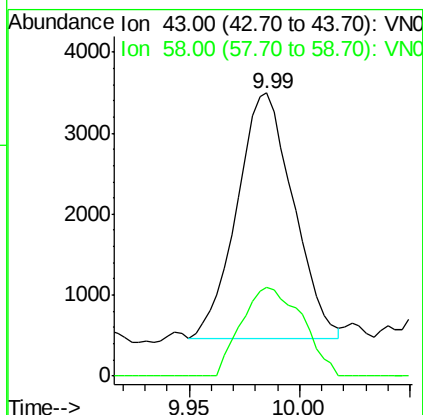
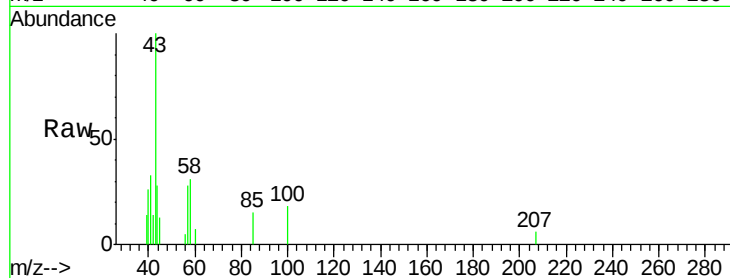




#51
 4-Methyl-2-Pentanone
 Concen: 0.571 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

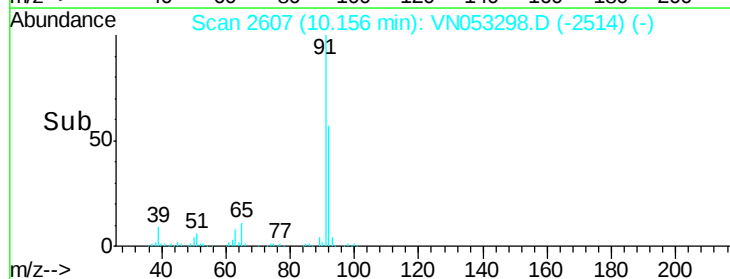
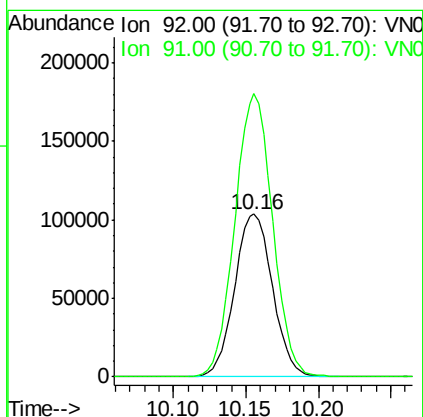
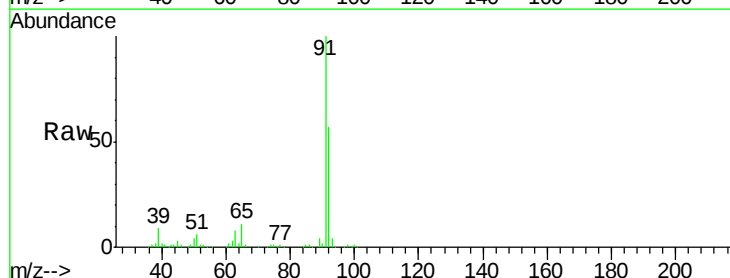
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

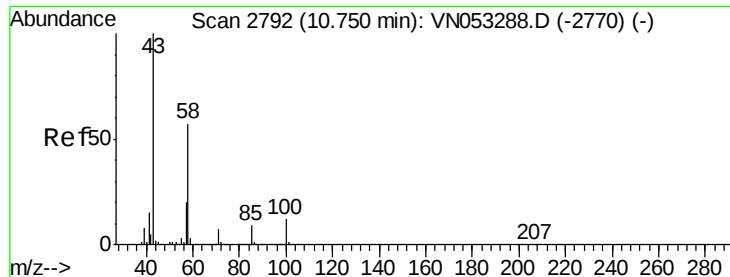
Tot Ion: 43 Resp: 5348
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.7 49.1



#52
 Toluene
 Concen: 6.918 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

Tgt Ion: 92 Resp: 188522
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.6 208.0

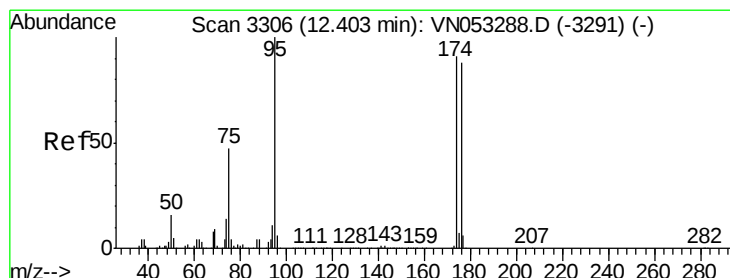
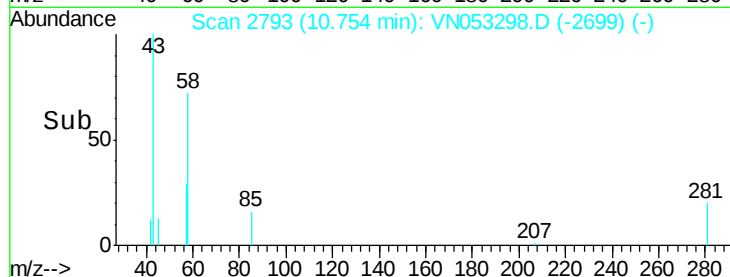
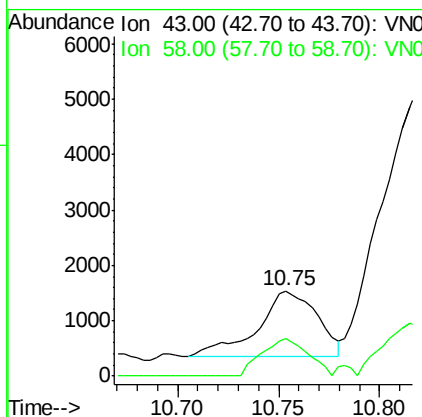
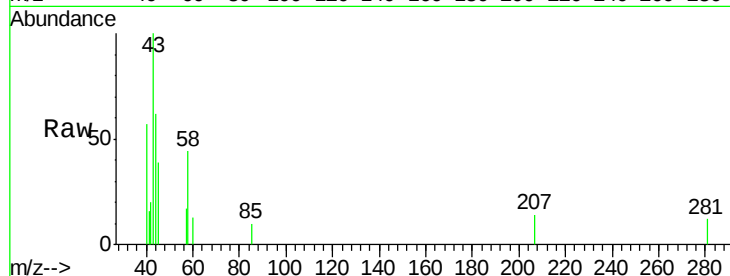




#59
2-Hexanone
Concen: 0.371 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

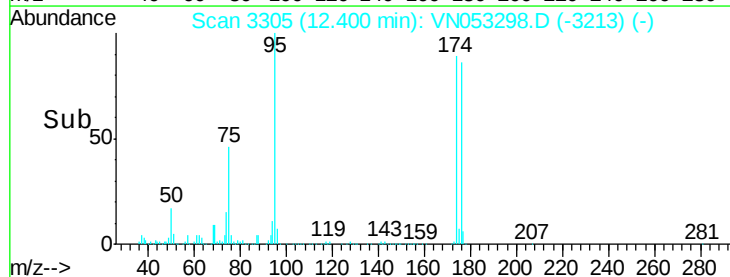
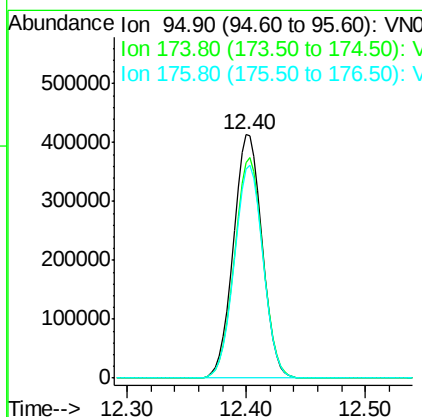
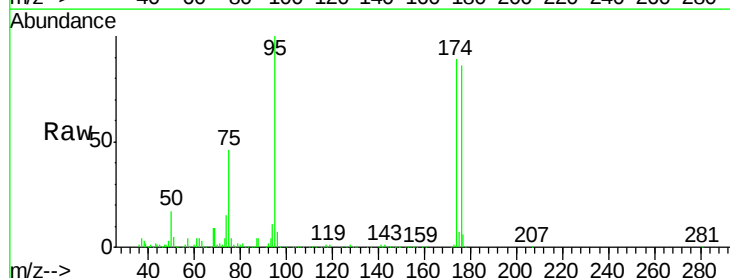
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

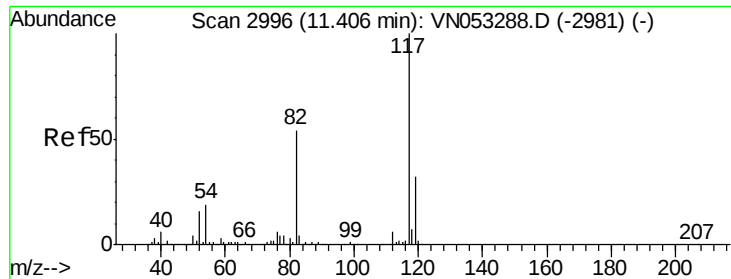
Tot Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 45.8 28.3 85.0



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 95 Resp: 690522
Ion Ratio Lower Upper
95 100
174 90.0 0.0 180.4
176 87.6 0.0 175.6

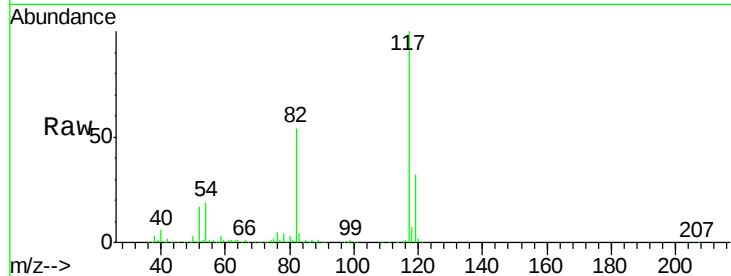




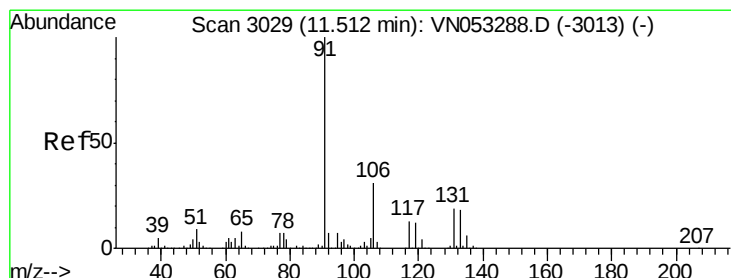
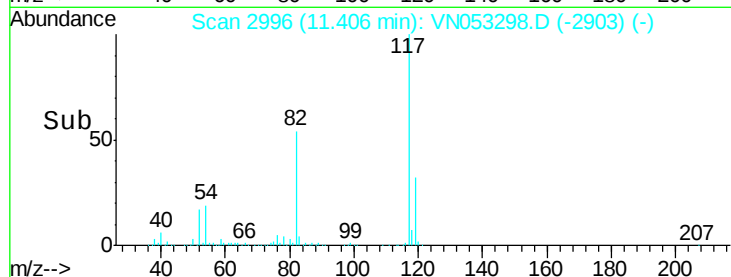
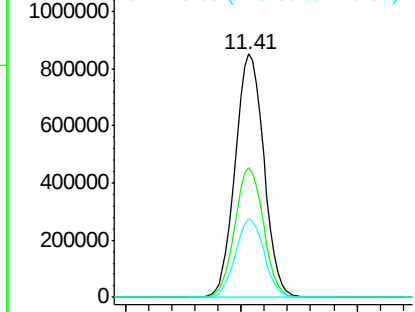
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

Tot Ion:117 Resp: 1455278
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.0 25.6 38.4

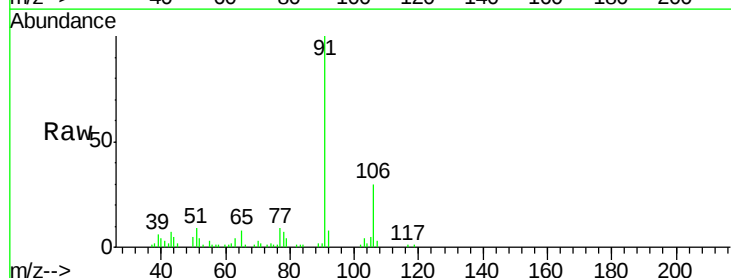


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

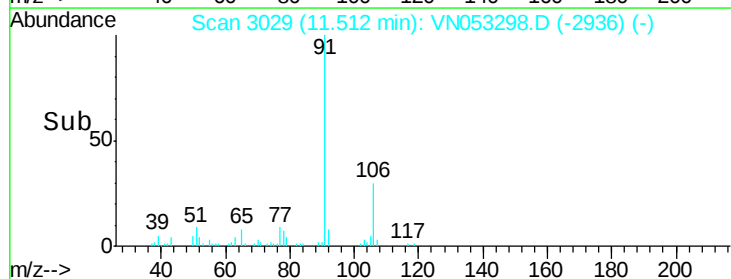
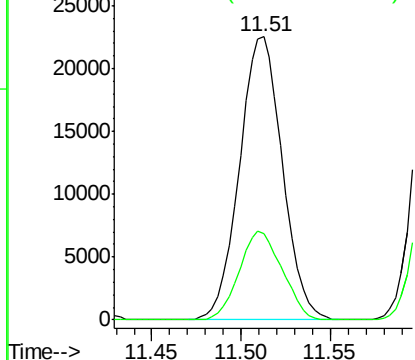


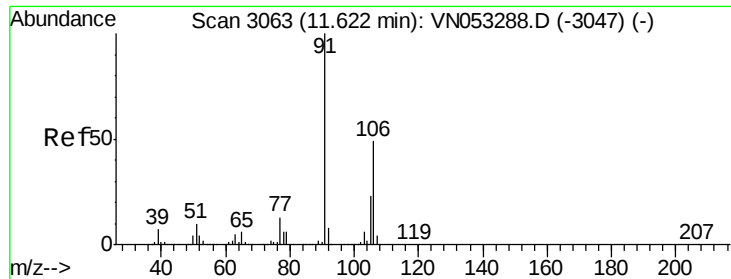
#67
Ethyl Benzene
Concen: 0.705 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 91 Resp: 37857
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



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

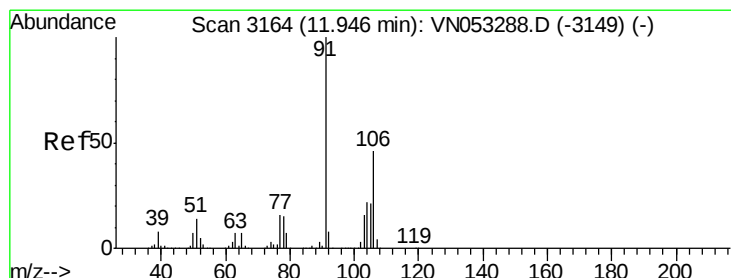
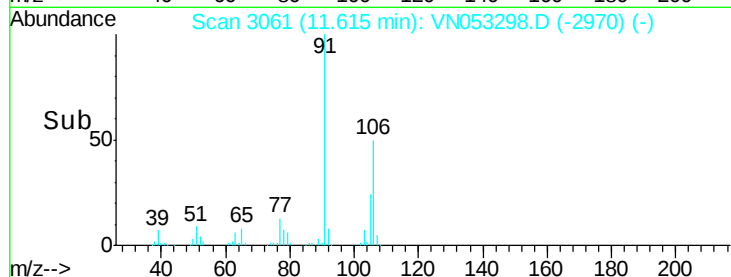
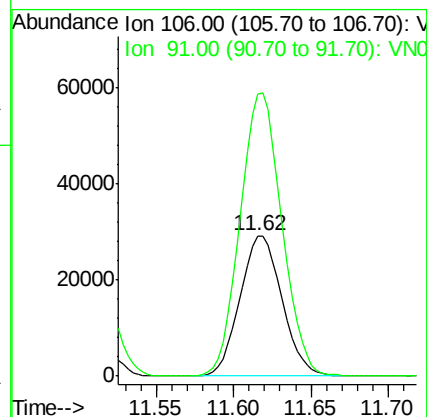
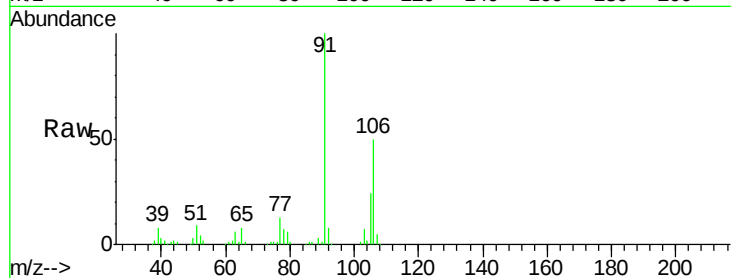




#68
m/p-Xylenes
Concen: 2.732 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

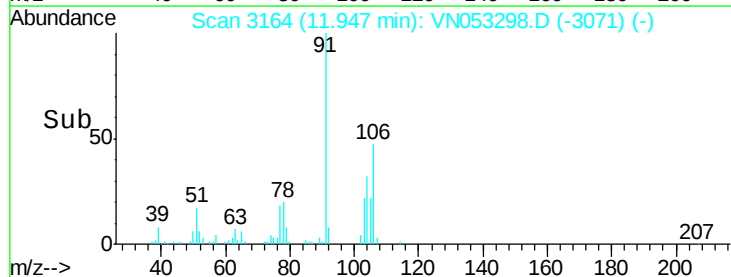
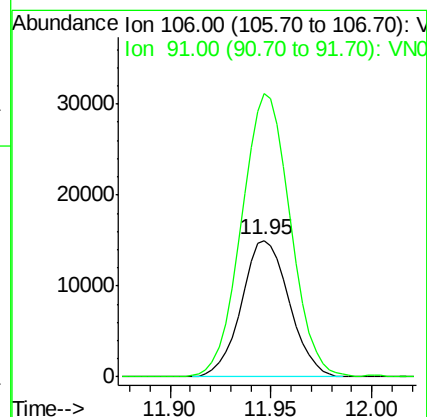
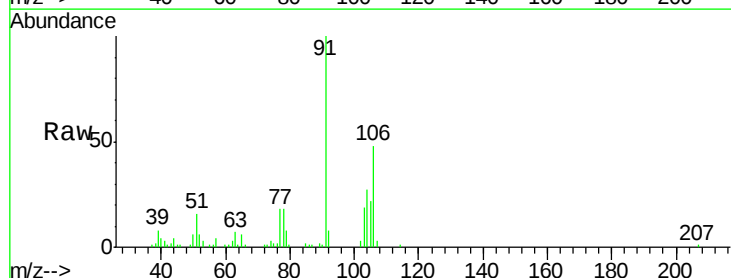
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

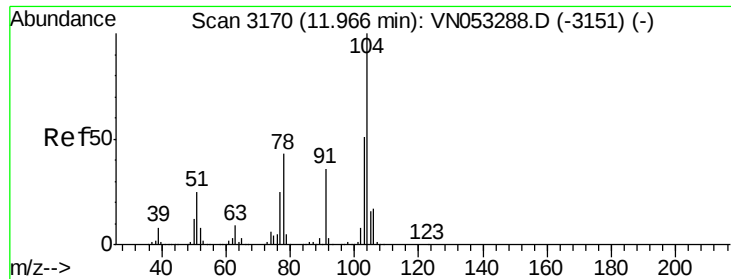
Tot Ion:106 Resp: 55180
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2



#69
o-Xylene
Concen: 1.259 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion:106 Resp: 24888
Ion Ratio Lower Upper
106 100
91 211.7 106.8 320.4





#70

Stvrene

Concen: 1.496 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

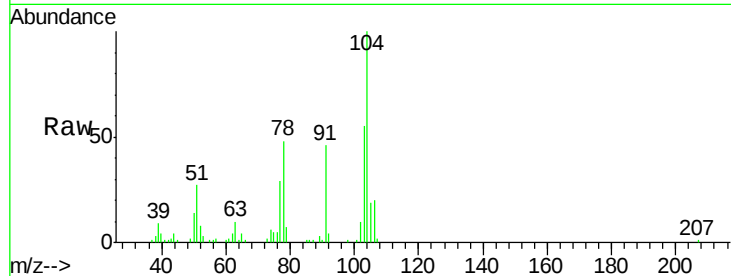
Tot Ion:104 Resp: 48165

Ion Ratio Lower Upper

104 100

78 49.2 38.5 57.7

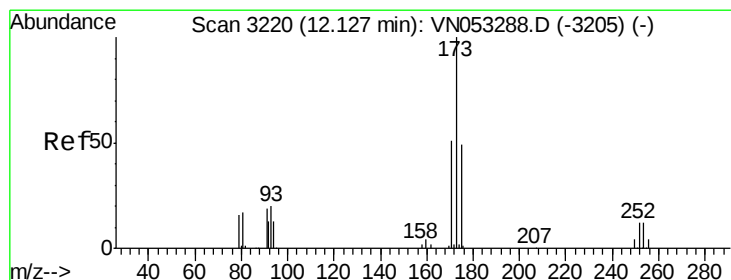
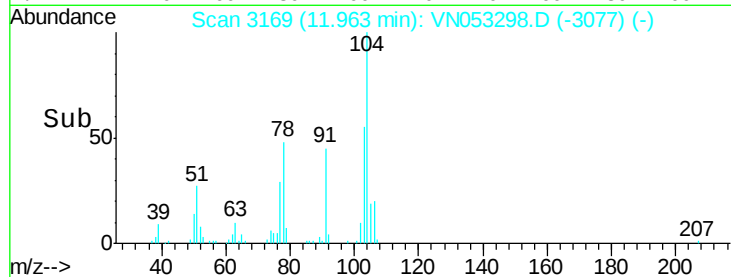
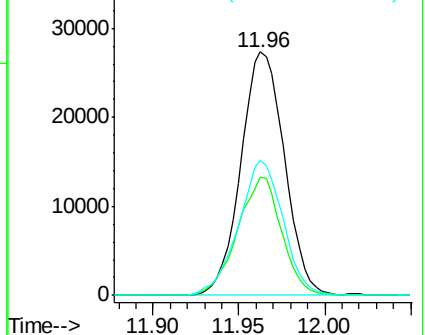
103 56.4 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.566 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

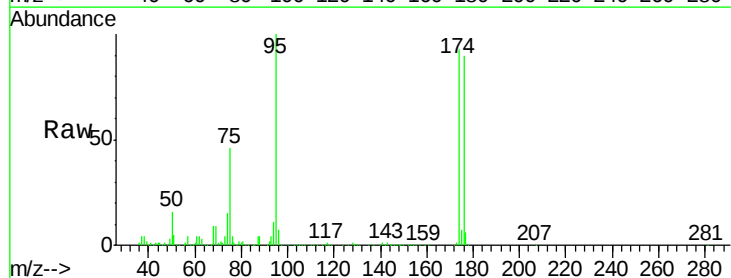
Tgt Ion:173 Resp: 4422

Ion Ratio Lower Upper

173 100

175 896.3 24.3 72.8#

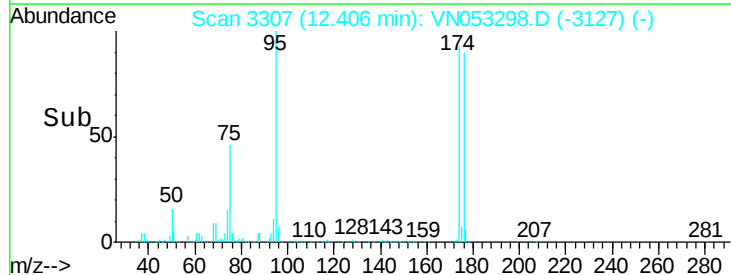
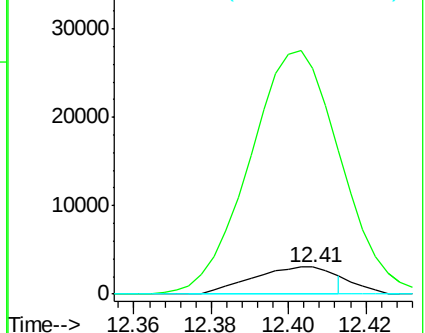
254 0.0 0.2 0.2#

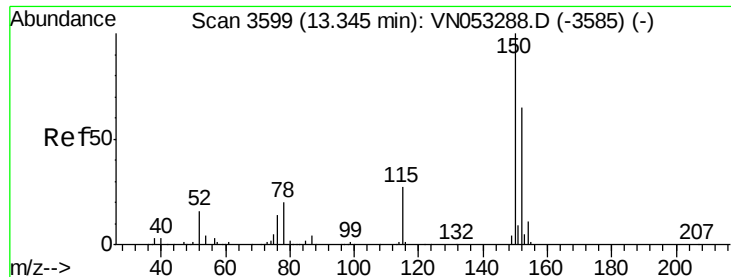


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

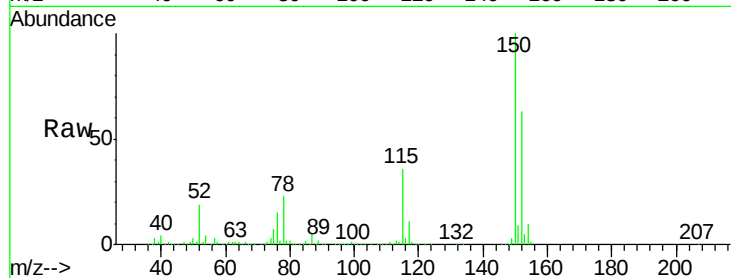
Tot Ion:152 Resp: 659856

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

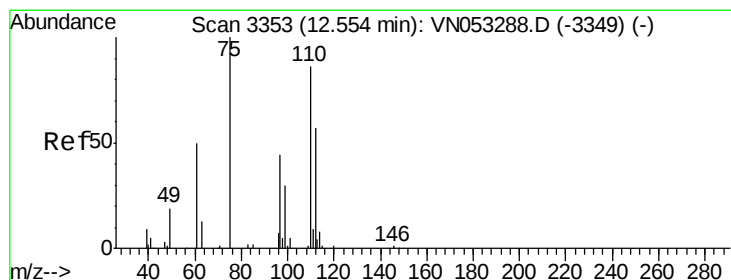
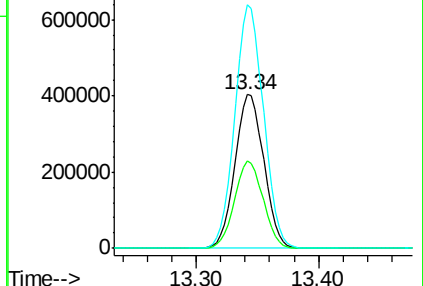
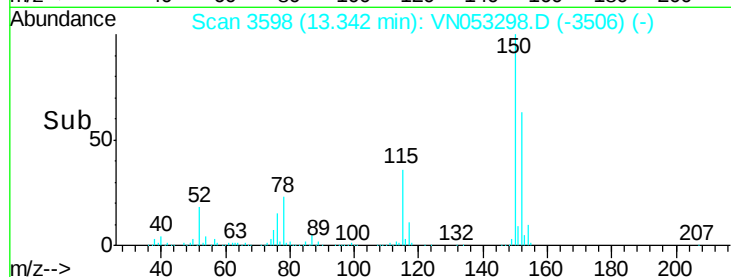
150 156.9 0.0 346.6



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



#76

1,2,3-Trichloropropane

Concen: 33.002 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053298.D

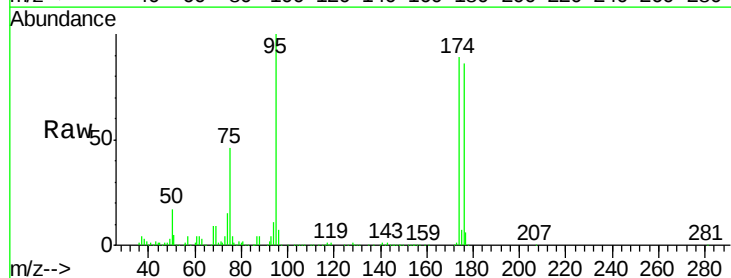
Acq: 7 Jan 2019 12:20

Tgt Ion: 75 Resp: 317623

Ion Ratio Lower Upper

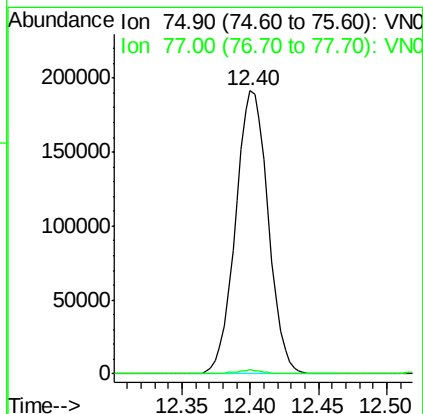
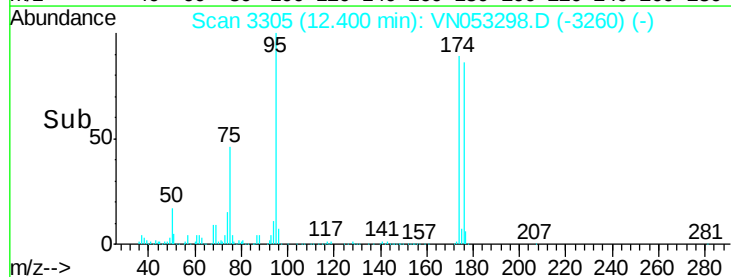
75 100

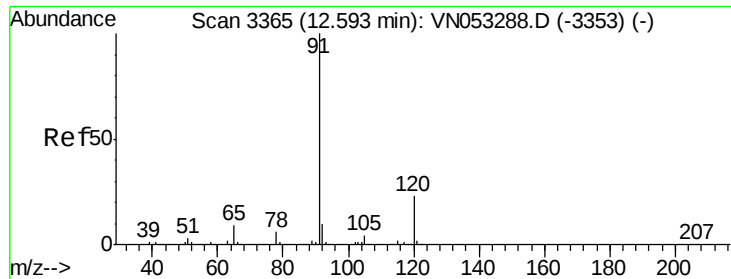
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.212 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampled :

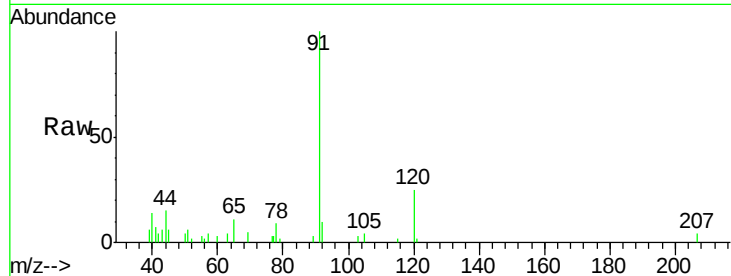
COMP-4-DRUM

Tot Ion: 91 Resp: 11787

Ion Ratio Lower Upper

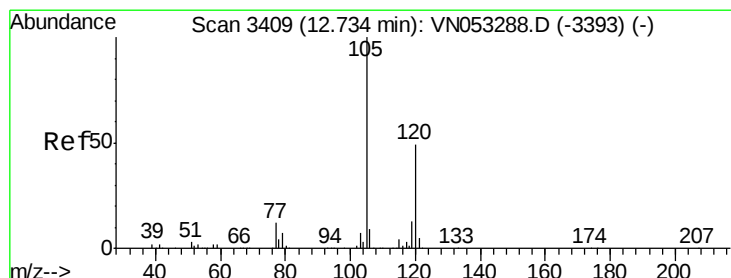
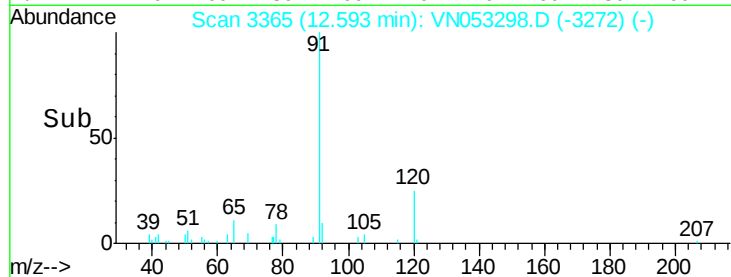
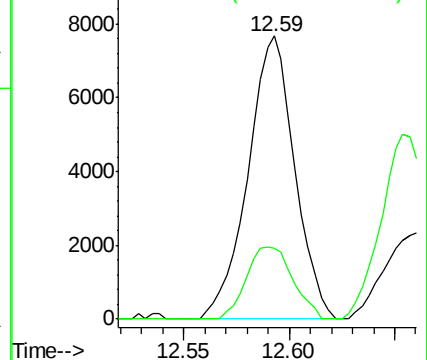
91 100

120 25.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.567 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053298.D

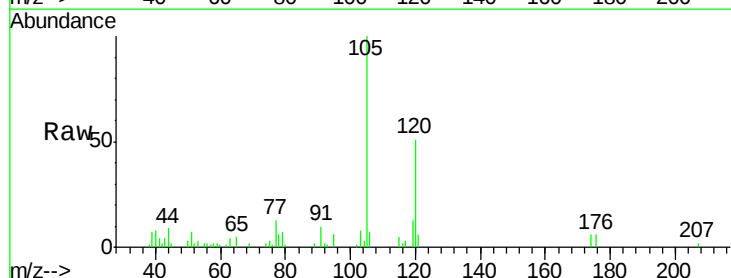
Acq: 7 Jan 2019 12:20

Tgt Ion: 105 Resp: 22436

Ion Ratio Lower Upper

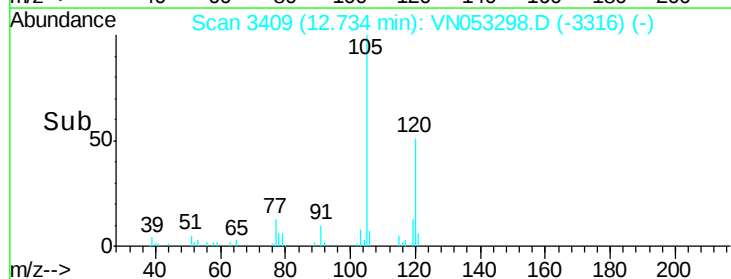
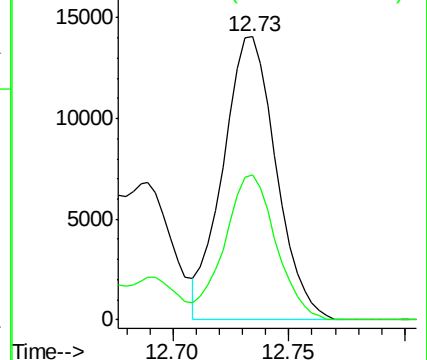
105 100

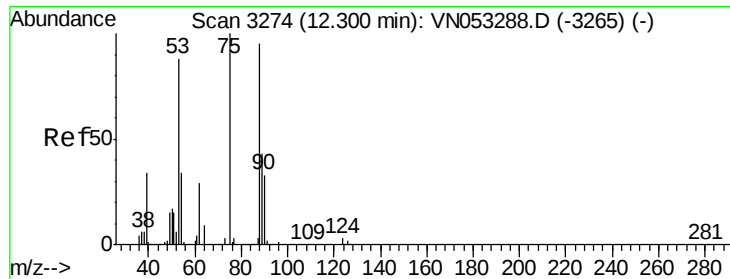
120 49.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 97.097 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

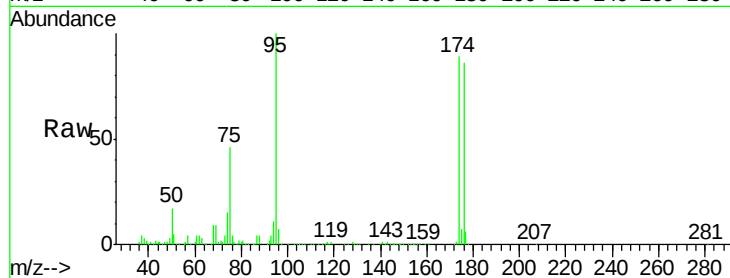
Tot Ion: 75 Resp: 317623

Ion Ratio Lower Upper

75 100

53 0.2 70.5 105.7#

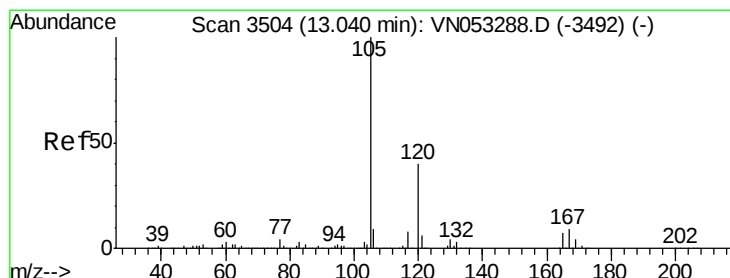
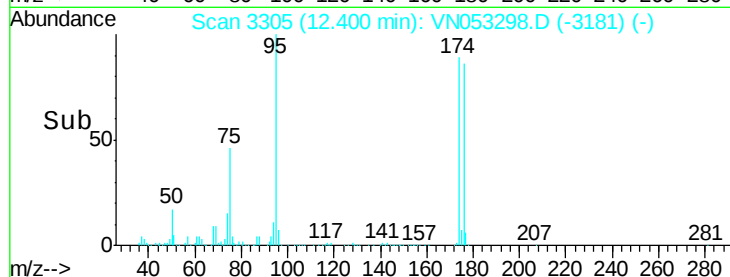
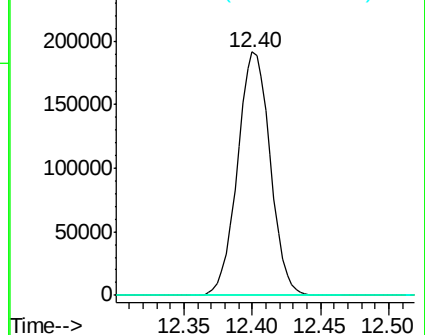
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053298.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN053298.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN053298.D (-3305) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.432 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053298.D

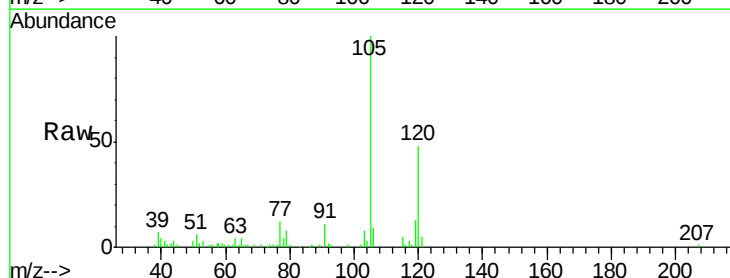
Acq: 7 Jan 2019 12:20

Tgt Ion: 105 Resp: 57728

Ion Ratio Lower Upper

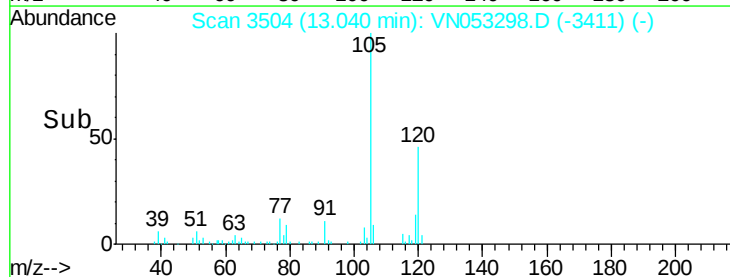
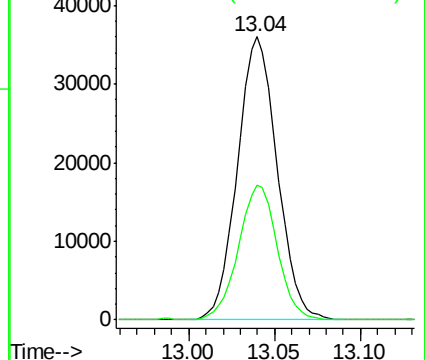
105 100

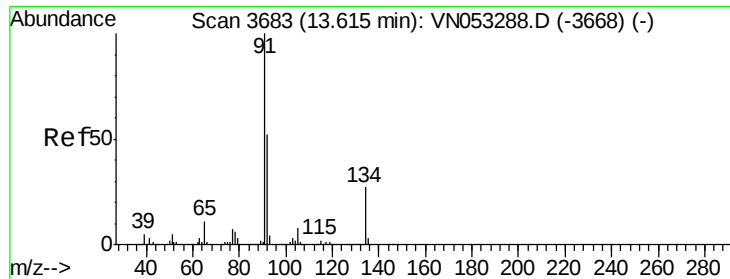
120 46.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053298.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN053298.D (-3504) (-)

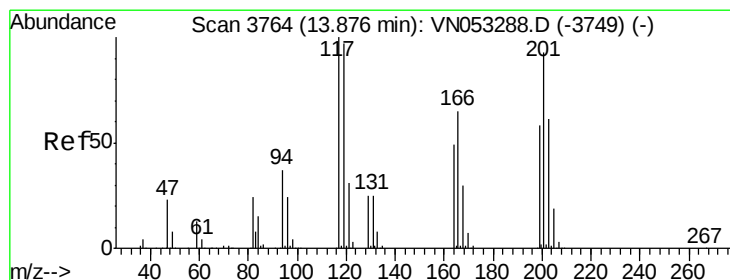
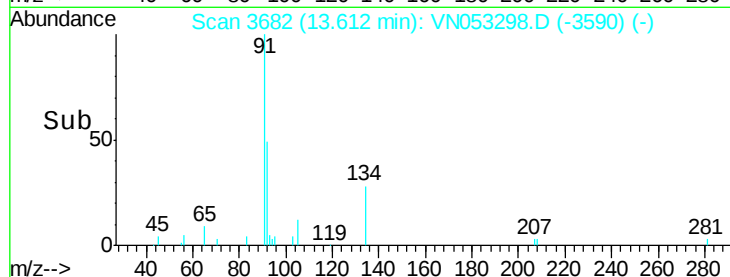
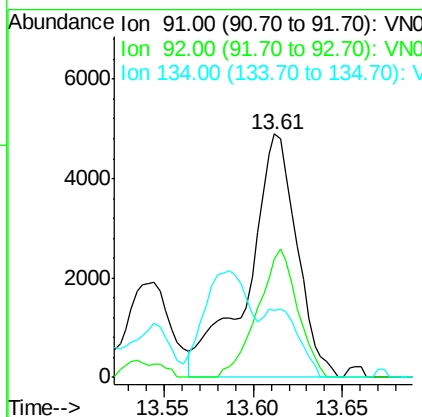
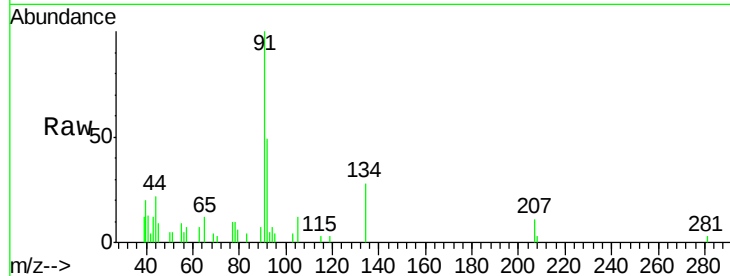




#89
n-Butylbenzene
Concen: 0.280 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

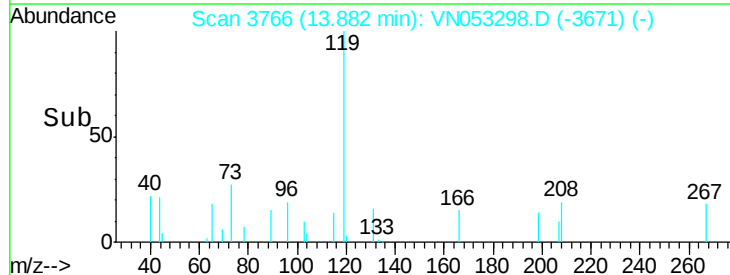
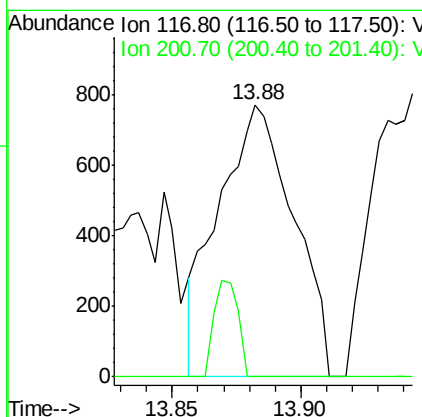
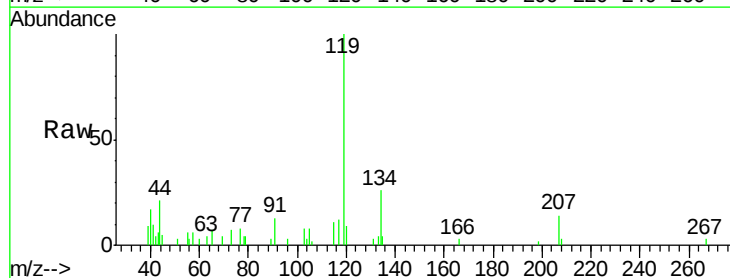
Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

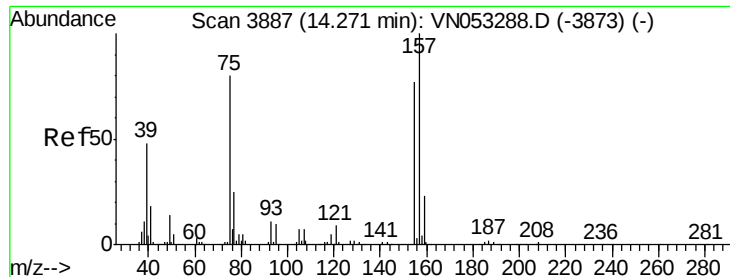
Tot Ion: 91 Resp: 9306
Ion Ratio Lower Upper
91 100
92 43.4 26.3 78.8
134 0.0 13.5 40.5#



#90
Hexachloroethane
Concen: 0.247 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN053298.D
Acq: 7 Jan 2019 12:20

Tgt Ion: 117 Resp: 1570
Ion Ratio Lower Upper
117 100
201 11.2 46.1 138.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.223 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

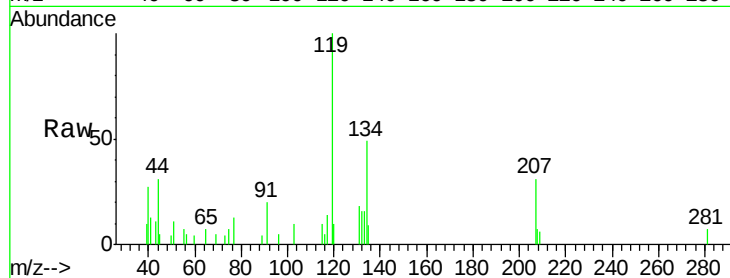
Tot Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 10.5 48.1 144.3#

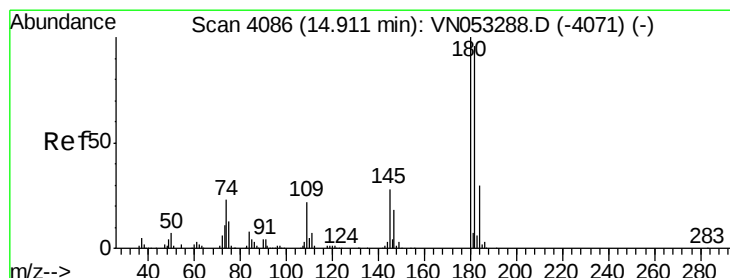
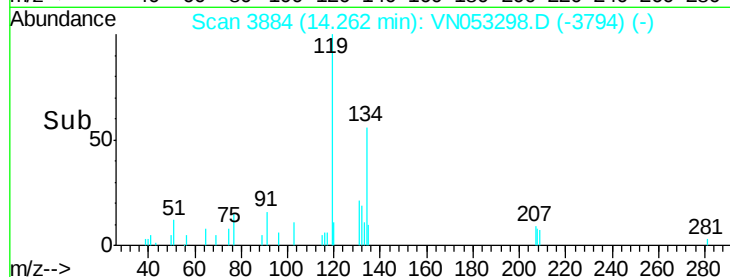
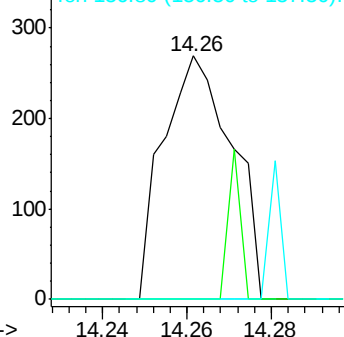
157 9.5 61.5 184.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053298.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN053298.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN053298.D (-3794) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.972 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

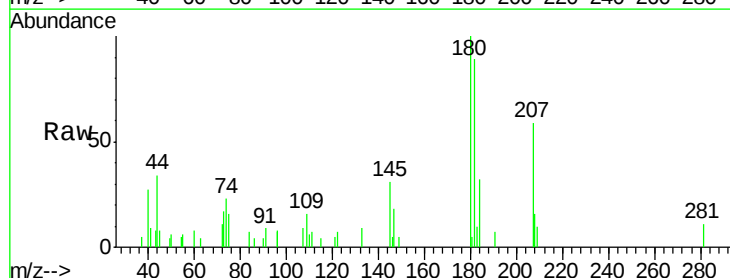
Tgt Ion:180 Resp: 6610

Ion Ratio Lower Upper

180 100

182 88.8 47.8 143.4

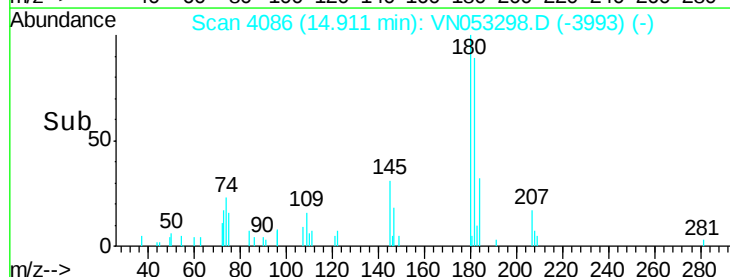
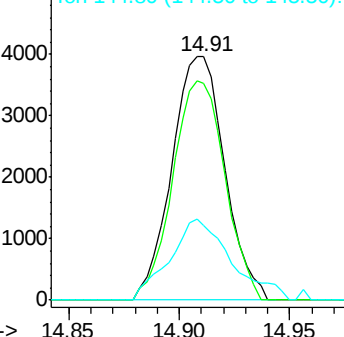
145 38.9 14.4 43.0

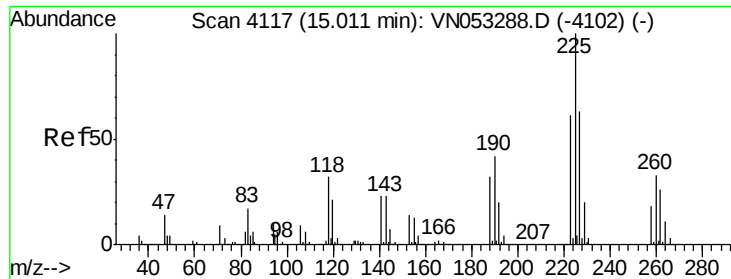


Abundance Ion 179.80 (179.50 to 180.50): VN053298.D (-3993) (-)

Ion 181.80 (181.50 to 182.50): VN053298.D (-3993) (-)

Ion 144.80 (144.50 to 145.50): VN053298.D (-3993) (-)





#94

Hexachlorobutadiene

Concen: 0.538 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

Instrument :

MSVOA_N

ClientSampleId :

COMP-4-DRUM

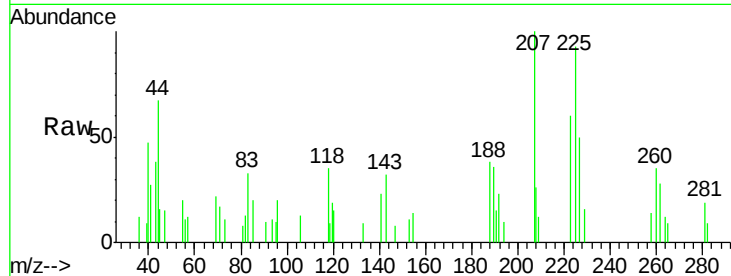
Tot Ion:225 Resp: 2995

Ion Ratio Lower Upper

225 100

223 63.6 30.9 92.8

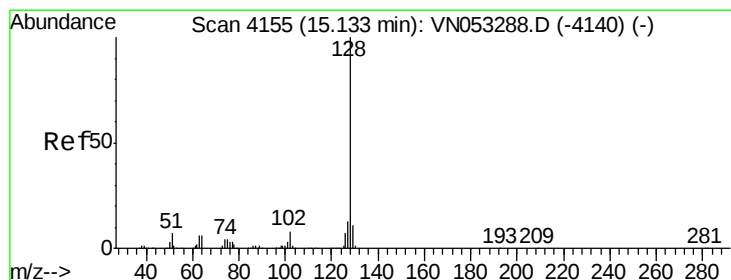
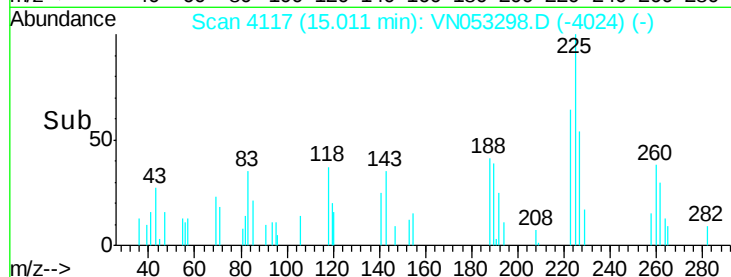
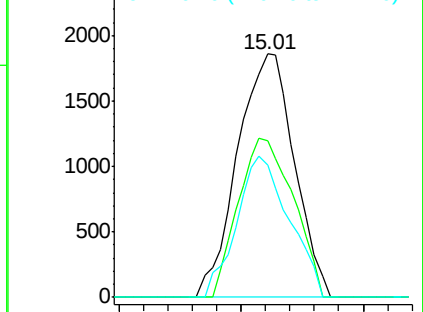
227 53.4 31.4 94.2



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: 21.330 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053298.D

Acq: 7 Jan 2019 12:20

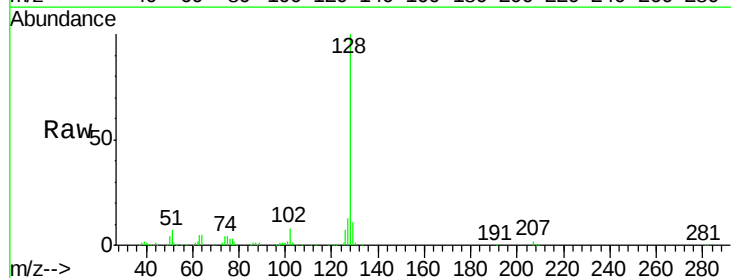
Tgt Ion:128 Resp: 247459

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

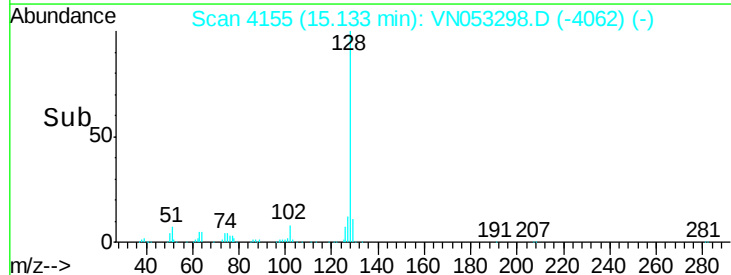
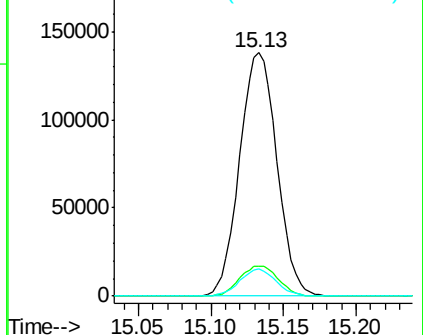
129 10.9 8.7 13.1

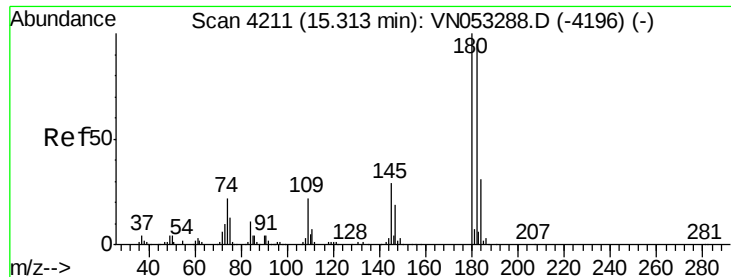


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.462 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053298.D
 Acq: 7 Jan 2019 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	36.6	14.9	44.5

