

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054678.D
 Acq On : 25 Mar 2019 17:38
 Operator : JC/SP
 Sample : K2071-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Quant Time: Mar 26 01:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321673	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	361805	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	283540	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.09	98	1076494	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	348468	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.83	59	2246	5.342	ug/l #	80
13) Acrolein	3.61	56	149	0.257	ug/l #	1
16) Acetone	3.83	43	19228	9.210	ug/l	88
18) Methyl Acetate	4.34	43	2380	0.511	ug/l #	65
20) Methylene Chloride	4.55	84	25403	4.128	ug/l #	79
25) 2-Butanone	6.85	43	5672	2.121	ug/l #	75
29) Tetrahydrofuran	7.23	42	1092	0.629	ug/l #	50
31) Cyclohexane	7.67	56	14311	Below Cal	#	30
36) 1,1-Dichloropropene	7.66	75	42081	5.035	ug/l #	46
38) Carbon Tetrachloride	7.67	117	51280	6.314	ug/l #	16
39) Methylcyclohexane	9.08	83	4274	0.447	ug/l	99
43) Isopropyl Acetate	8.17	43	7231	0.720	ug/l #	84
48) Methyl methacrylate	9.18	41	6112	1.122	ug/l #	29
51) 4-Methyl-2-Pentanone	9.99	43	8900	1.600	ug/l #	60
52) Toluene	10.16	92	189506	12.892	ug/l	98
53) t-1,3-Dichloropropene	10.16	75	2285	2.492	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	39912	4.381	ug/l #	70
55) 1,1,2-Trichloroethane	10.53	97	2100	0.397	ug/l #	15
57) 1,3-Dichloropropane	10.76	76	3970	0.432	ug/l #	43
59) 2-Hexanone	10.76	43	71708	19.731	ug/l #	48
67) Ethyl Benzene	11.51	91	344463	12.567	ug/l	98
68) m/p-Xylenes	11.62	106	461217	44.424	ug/l	94
69) o-Xylene	11.95	106	349725	34.492	ug/l	94
70) Styrene	11.95	104	18113	1.100	ug/l #	1
71) Bromoform	12.40	173	1370	2.561	ug/l #	1
73) Isopropylbenzene	12.25	105	72046	2.779	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	6274	1.229	ug/l #	100
78) n-propylbenzene	12.59	91	187358	6.666	ug/l	95
79) 2-Chlorotoluene	12.65	91	78684	4.489	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	322926	15.200	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	182046	118.319	ug/l #	11
82) 4-Chlorotoluene	12.73	91	35239	2.074	ug/l #	39
83) tert-Butylbenzene	13.04	119	172569	9.332	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.04	105	1405313	67.415	ug/l	97

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QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

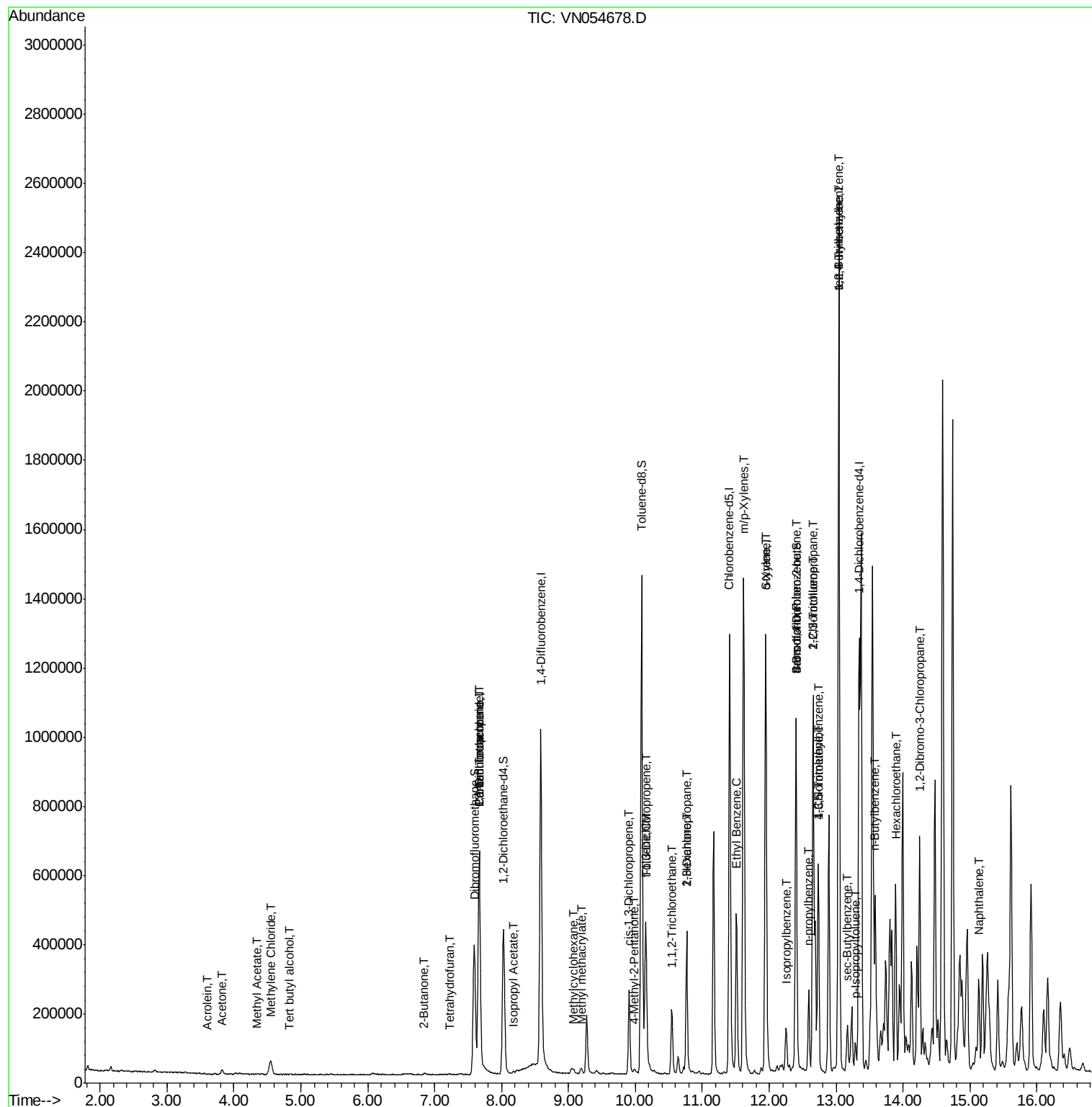
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	60924	2.643	ug/l	97
86) p-Isopropyltoluene	13.29	119	44707	2.168	ug/l	99
89) n-Butylbenzene	13.58	91	15173	0.941	ug/l #	1
90) Hexachloroethane	13.89	117	26596	8.308	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2851	3.285	ug/l #	1
95) Naphthalene	15.13	128	211502	18.433	ug/l	98

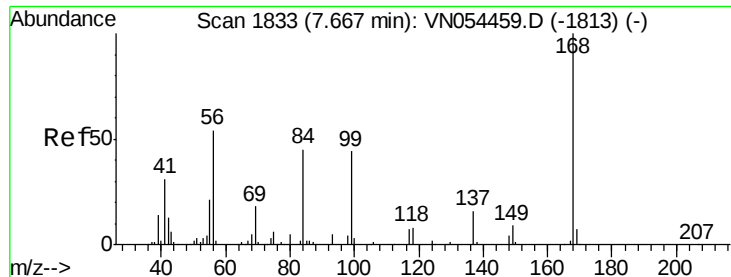
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032519\
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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: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

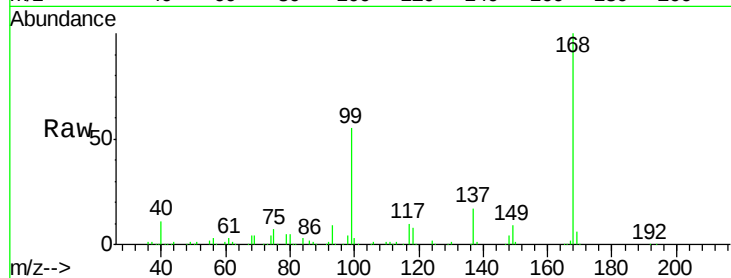
DRUM-2

Tot Ion:168 Resp: 558288

Ion Ratio Lower Upper

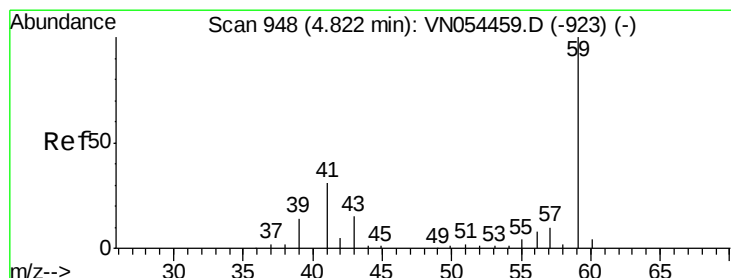
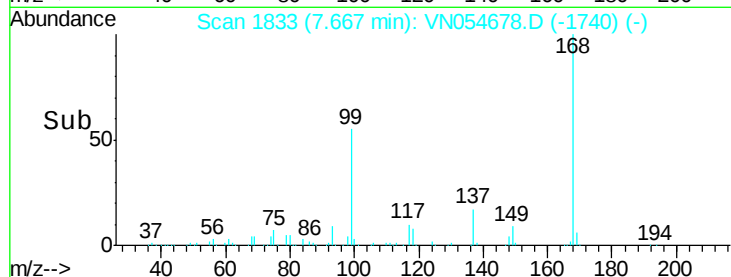
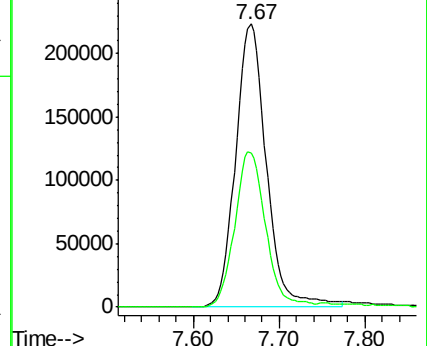
168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 5.342 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.01 min

Lab File: VN054678.D

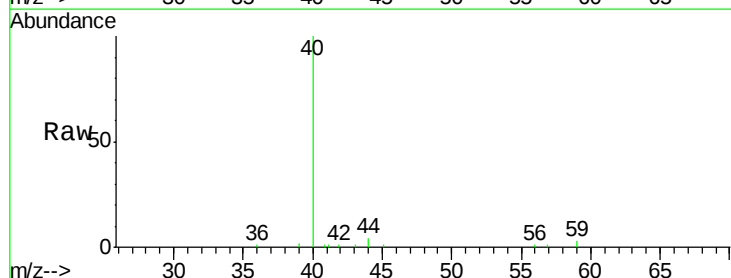
Acq: 25 Mar 2019 17:38

Tgt Ion: 59 Resp: 2246

Ion Ratio Lower Upper

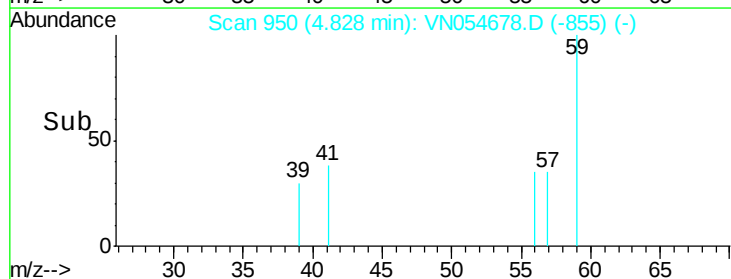
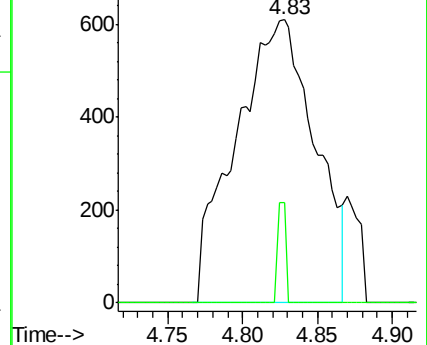
59 100

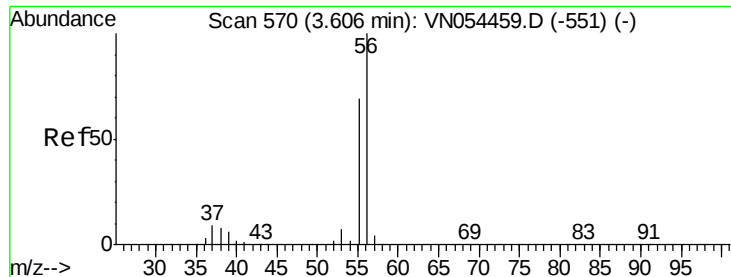
57 3.7 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.257 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

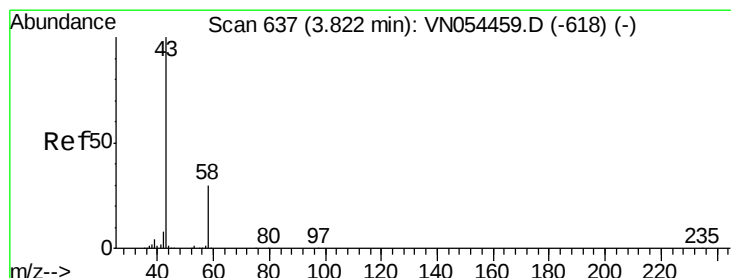
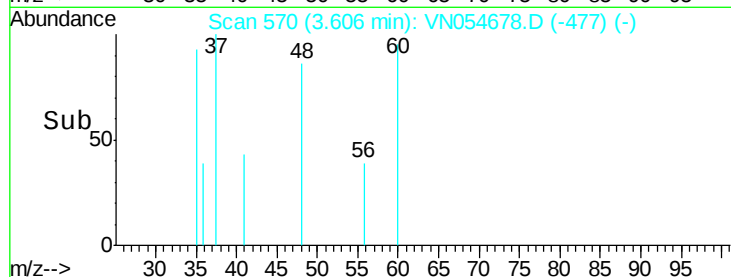
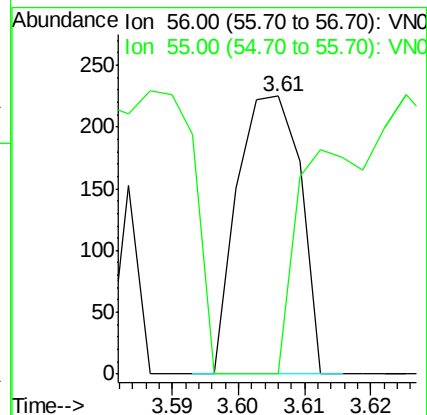
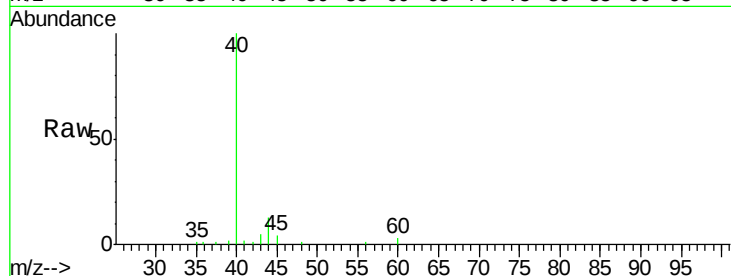
DRUM-2

Tot Ion: 56 Resp: 149

Ion Ratio Lower Upper

56 100

55 193.3 56.7 85.1#



#16

Acetone

Concen: 9.210 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054678.D

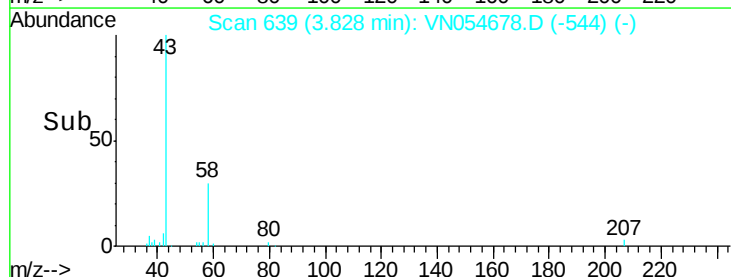
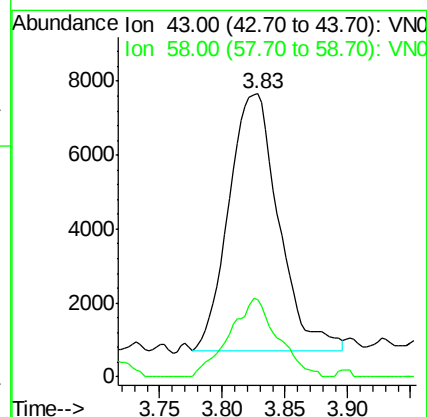
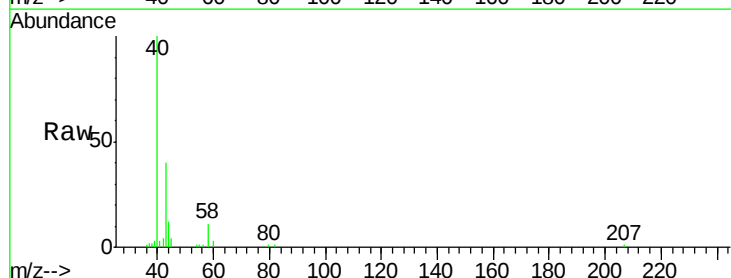
Acq: 25 Mar 2019 17:38

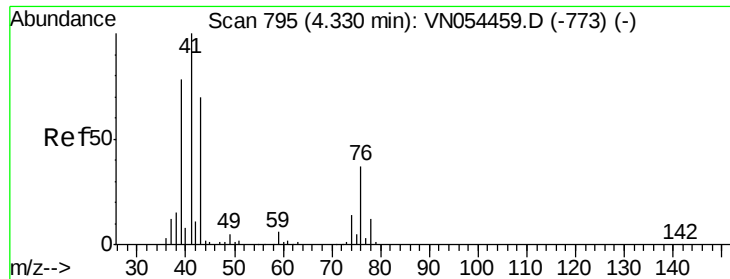
Tgt Ion: 43 Resp: 19228

Ion Ratio Lower Upper

43 100

58 30.1 29.9 44.9

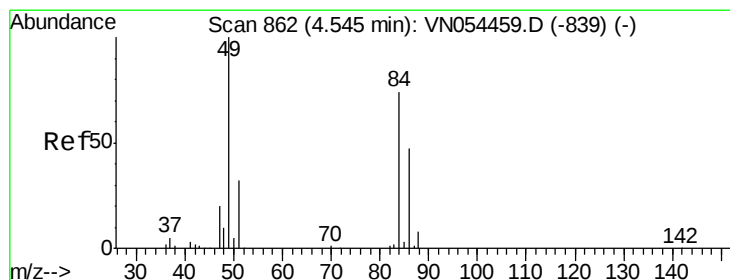
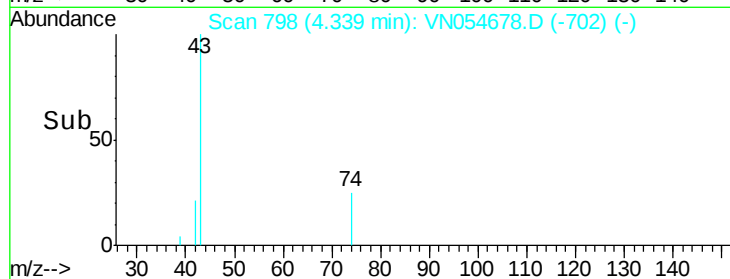
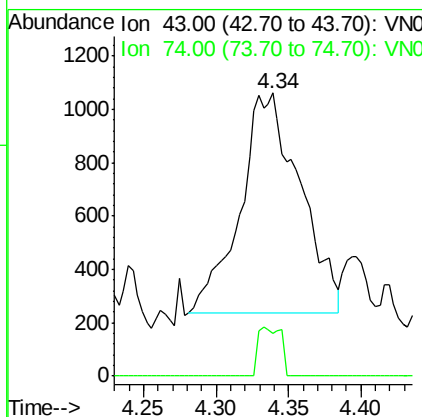
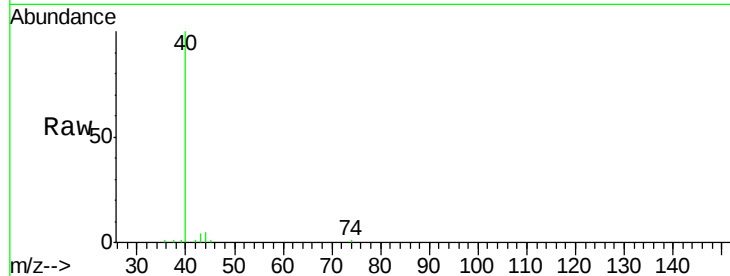




#18
Methyl Acetate
Concen: 0.511 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

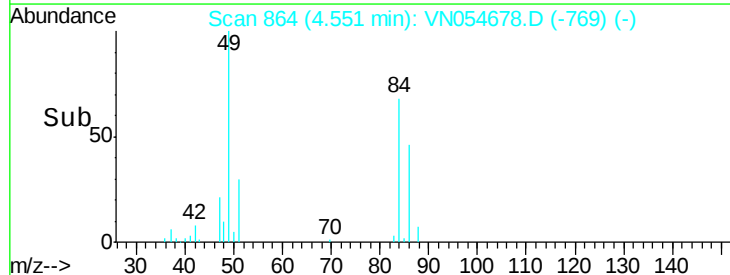
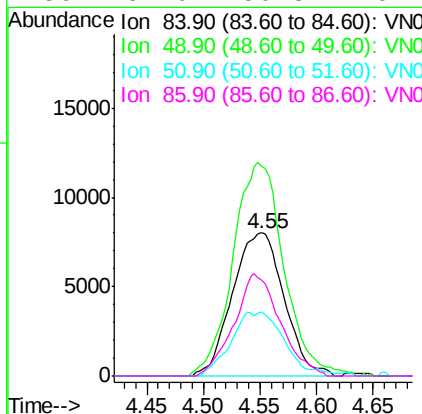
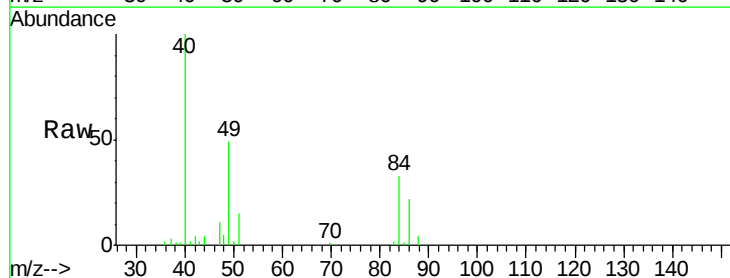
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

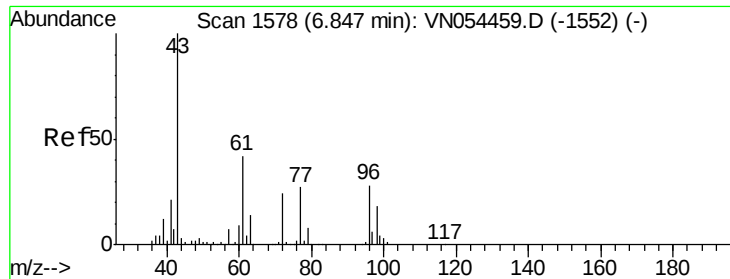
Tot Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
74 8.4 20.8 31.2#



#20
Methylene Chloride
Concen: 4.128 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 84 Resp: 25403
Ion Ratio Lower Upper
84 100
49 146.8 89.7 134.5#
51 44.5 28.2 42.4#
86 67.0 50.8 76.2

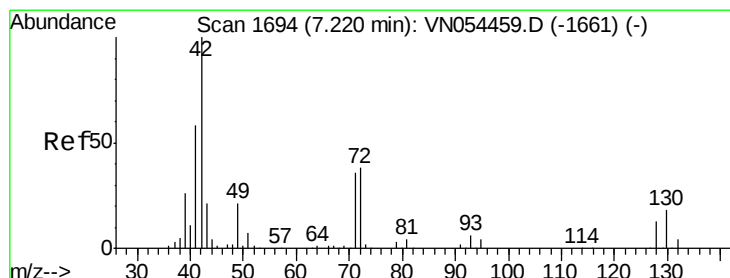
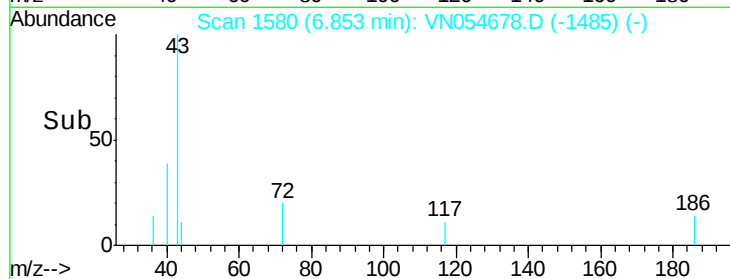
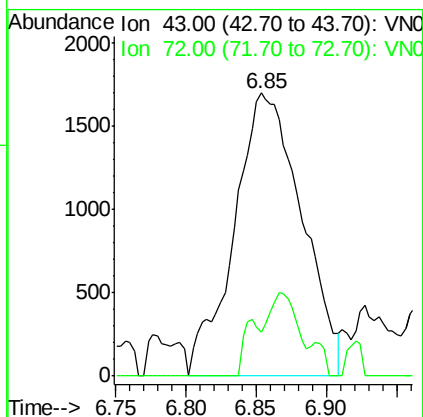
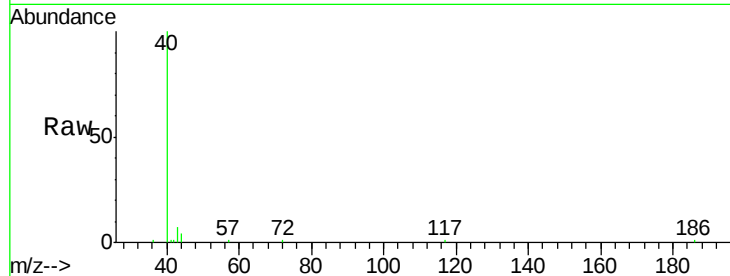




#25
2-Butanone
Concen: 2.121 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

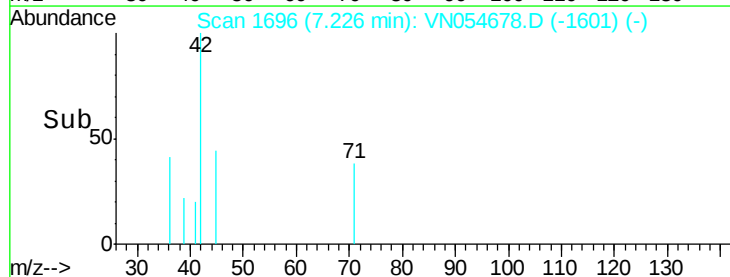
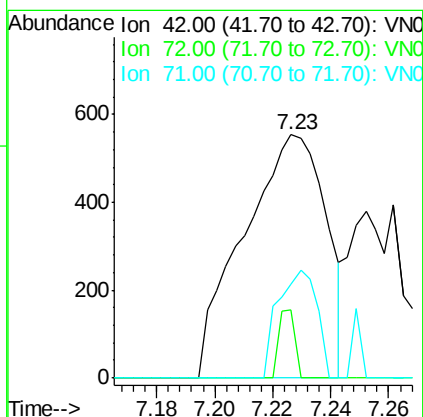
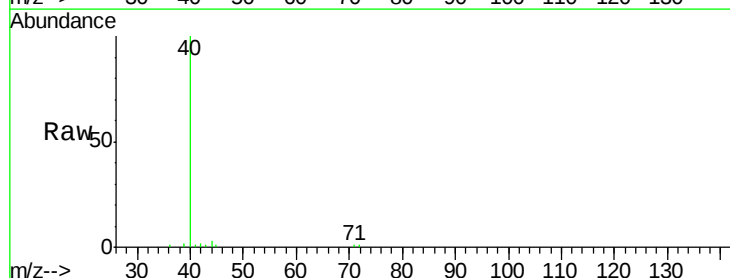
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

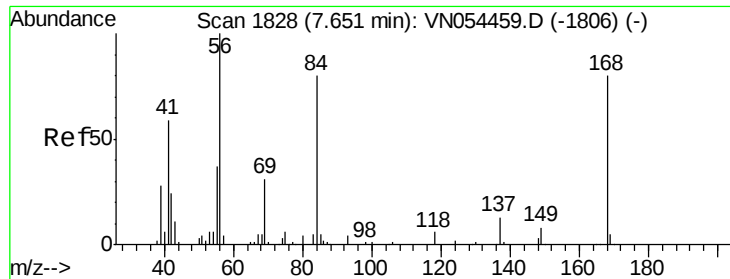
Tot Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
72 15.7 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.629 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 42 Resp: 1092
Ion Ratio Lower Upper
42 100
72 5.4 37.8 56.6#
71 20.9 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

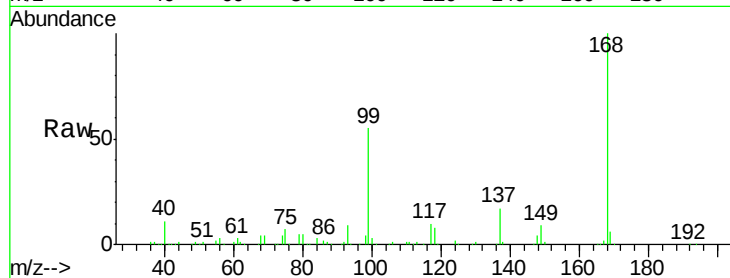
Tot Ion: 56 Resp: 14311

Ion Ratio Lower Upper

56 100

69 152.8 27.8 41.6#

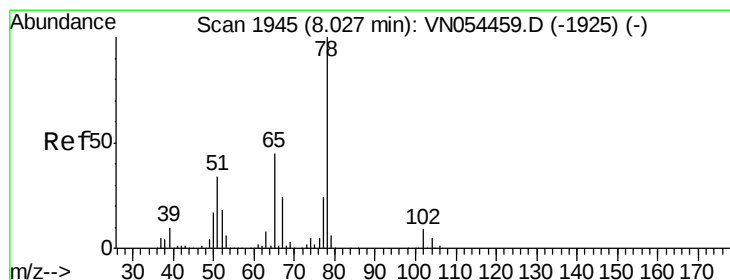
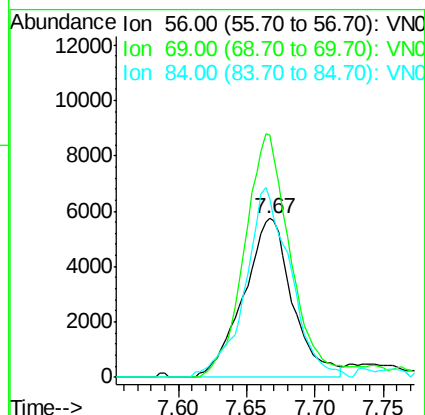
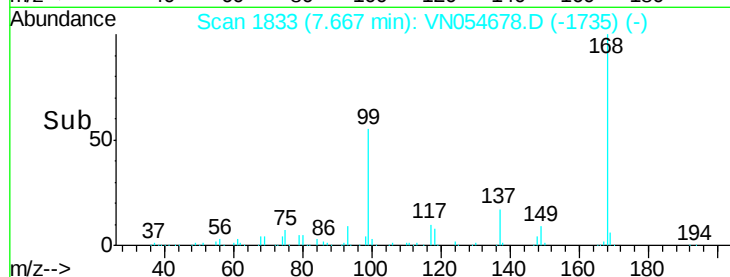
84 112.2 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.102 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054678.D

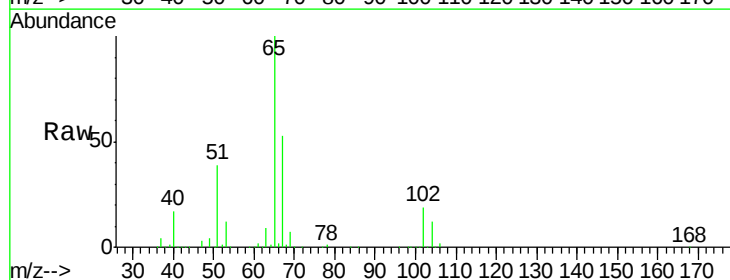
Acq: 25 Mar 2019 17:38

Tgt Ion: 65 Resp: 361805

Ion Ratio Lower Upper

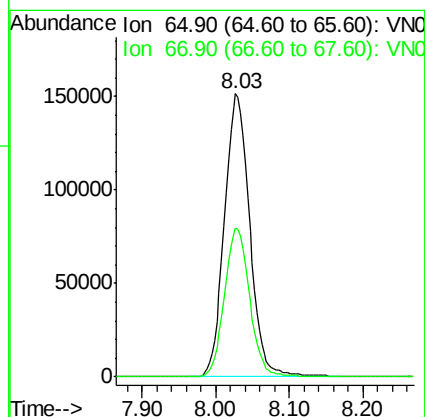
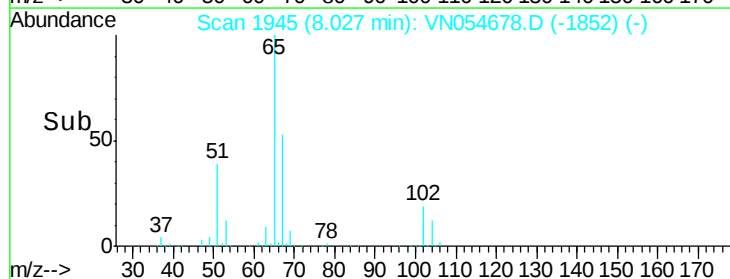
65 100

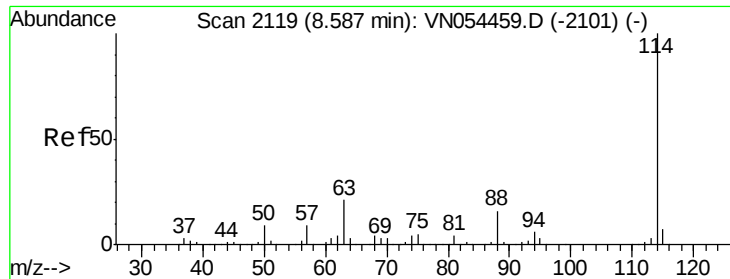
67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

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DRUM-2

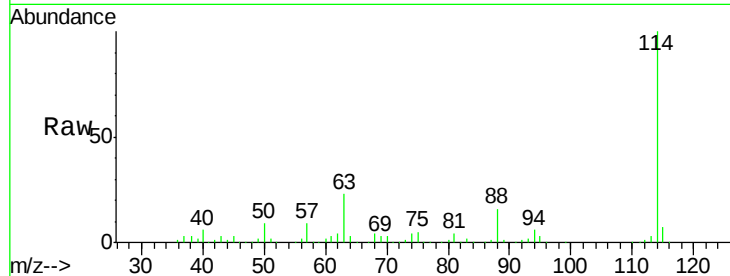
Tot Ion:114 Resp: 893911

Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.2

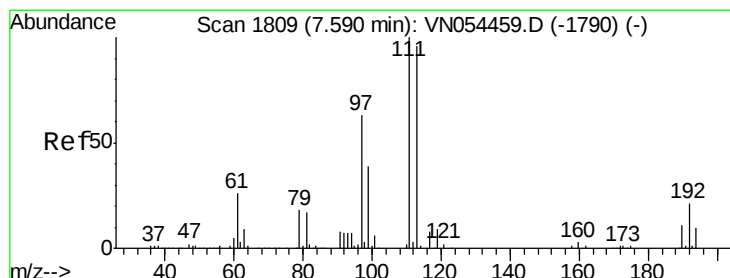
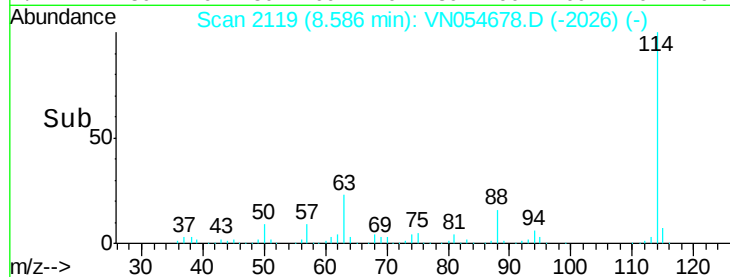
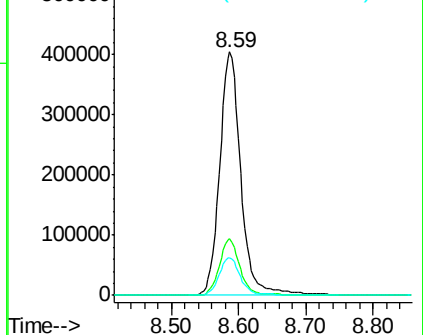
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.234 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

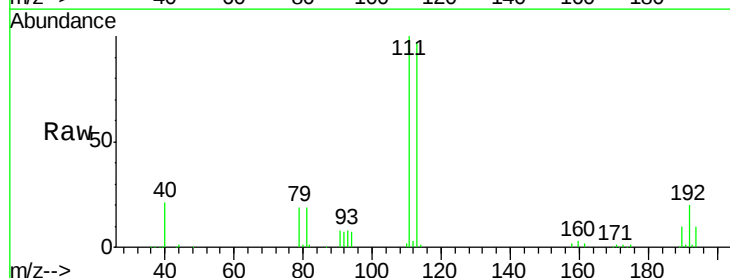
Tgt Ion:113 Resp: 283540

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

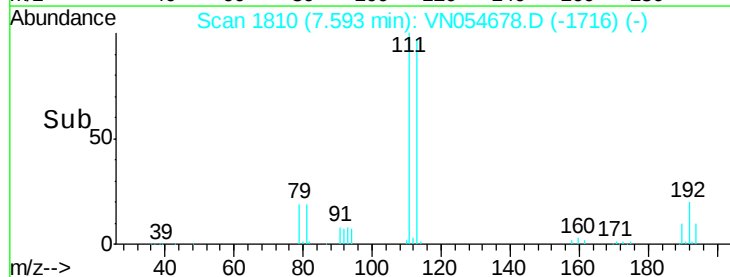
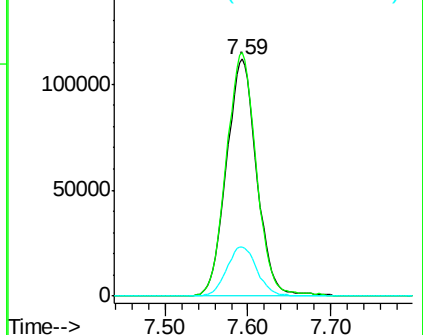
192 20.9 19.2 28.8

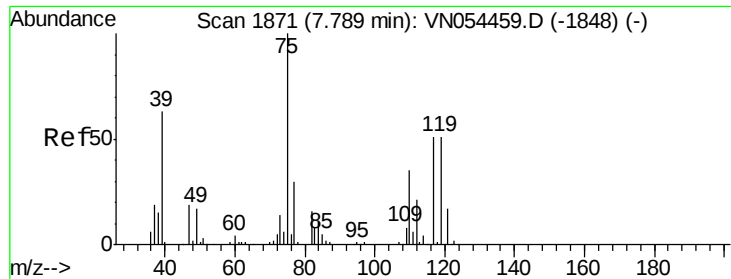


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

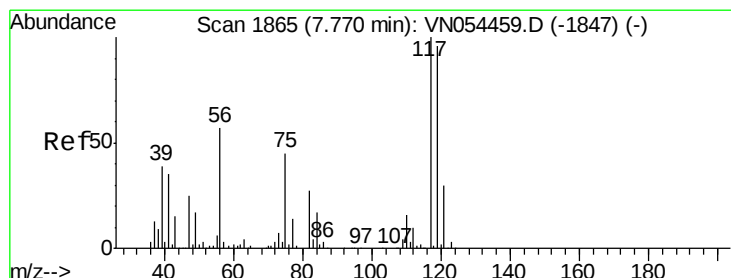
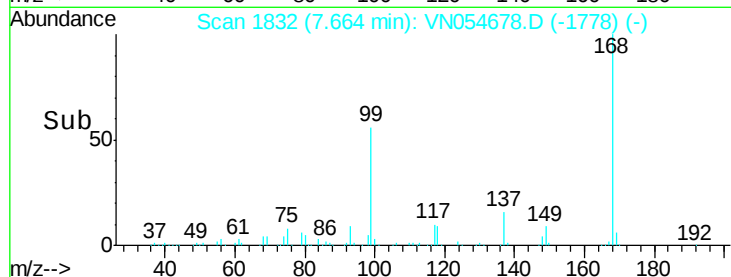
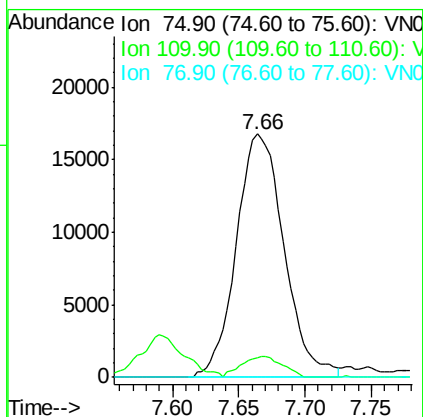
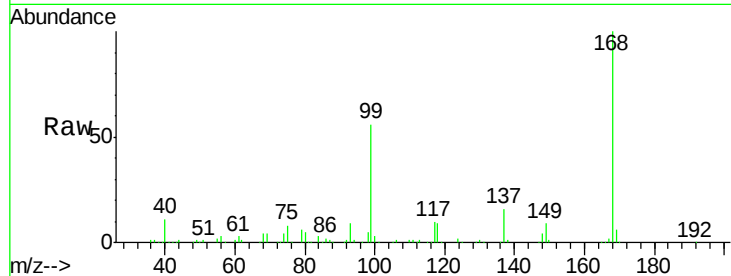




#36
 1,1-Dichloropropene
 Concen: 5.035 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

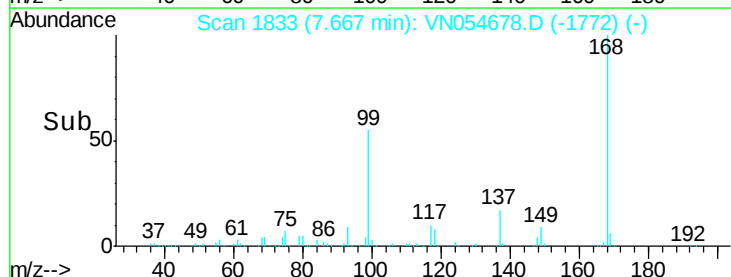
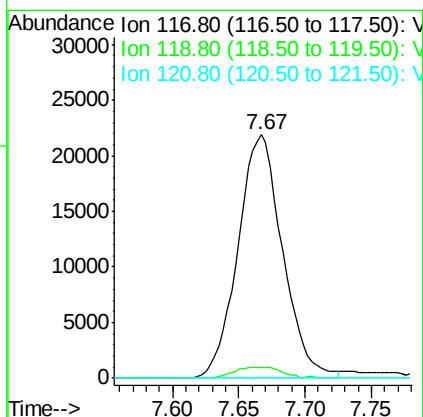
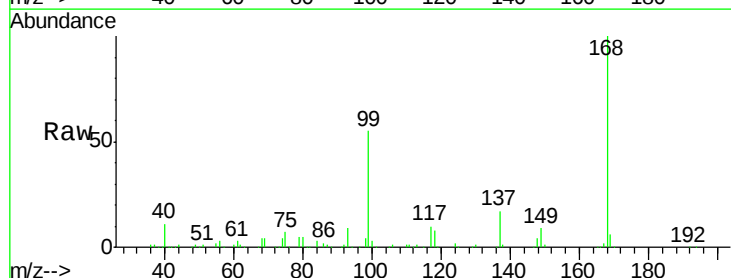
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

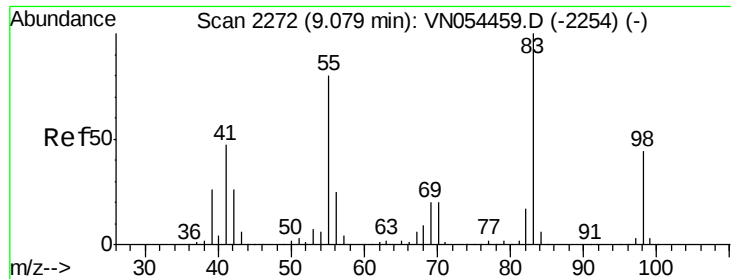
Tot Ion: 75 Resp: 42081
 Ion Ratio Lower Upper
 75 100
 110 7.4 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.314 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Tgt Ion: 117 Resp: 51280
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 24.6 36.8#

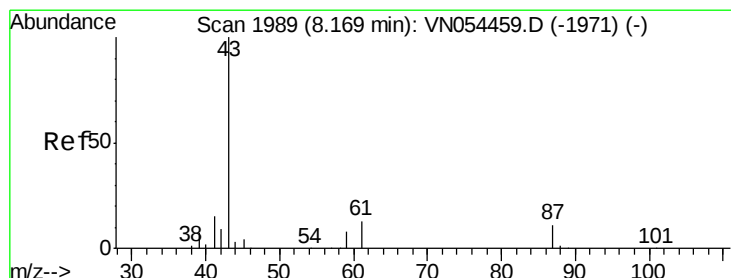
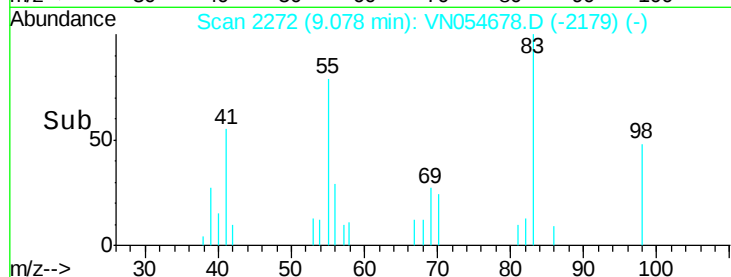
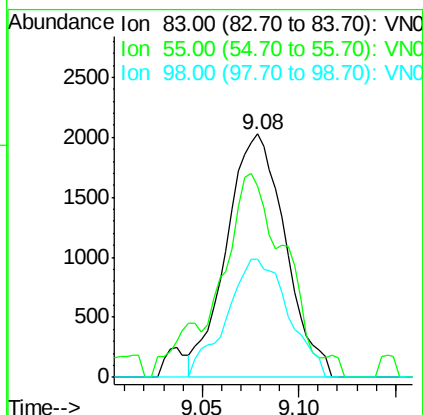
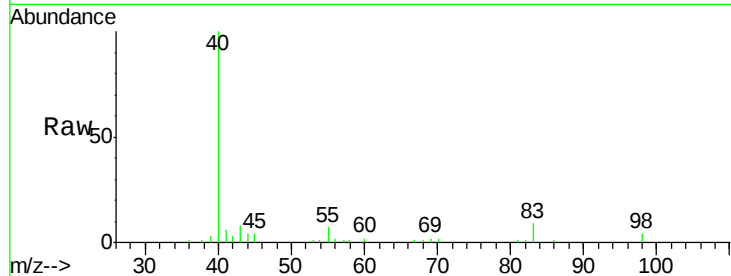




#39
Methvlcvclohexane
Concen: 0.447 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

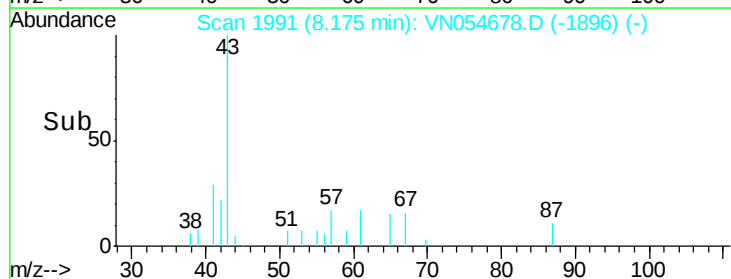
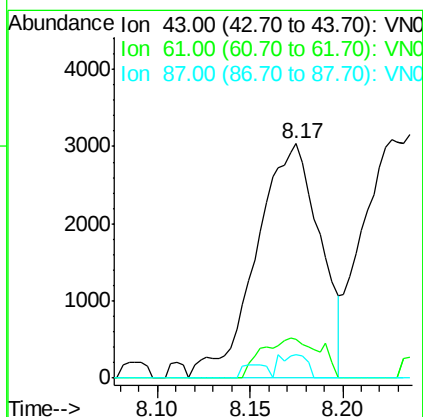
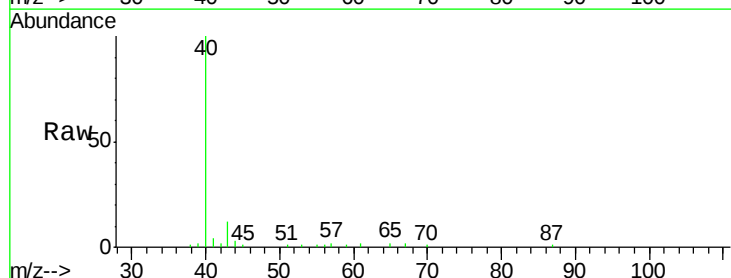
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

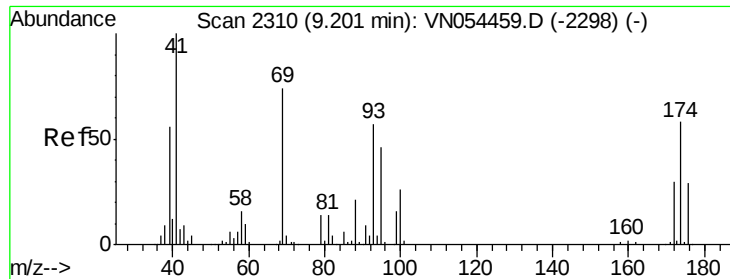
Tot Ion: 83 Resp: 4274
Ion Ratio Lower Upper
83 100
55 70.3 56.6 84.8
98 48.5 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.720 ug/l
RT: 8.17 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 43 Resp: 7231
Ion Ratio Lower Upper
43 100
61 15.4 15.8 23.8#
87 4.3 12.0 18.0#

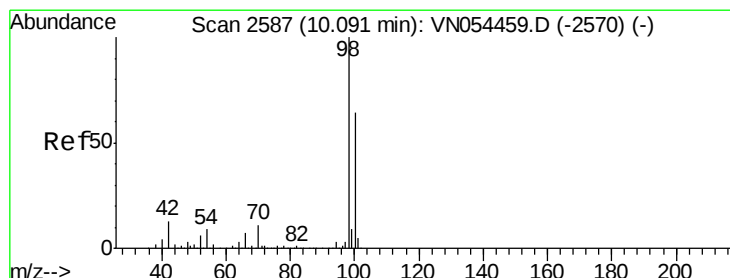
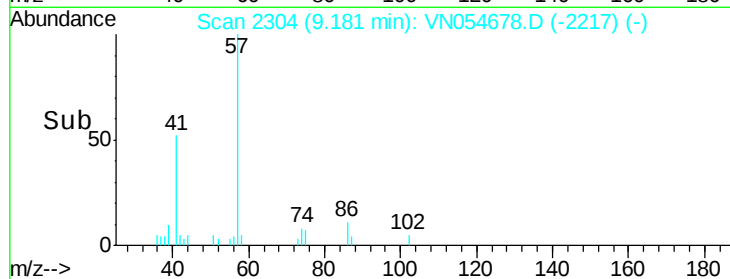
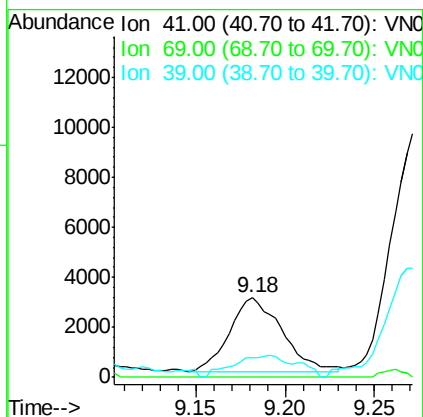
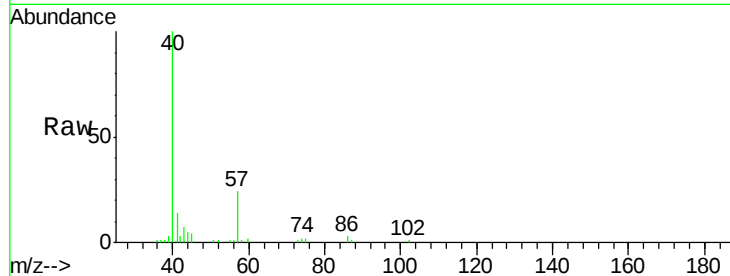




#48
Methvl methacrylate
Concen: 1.122 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

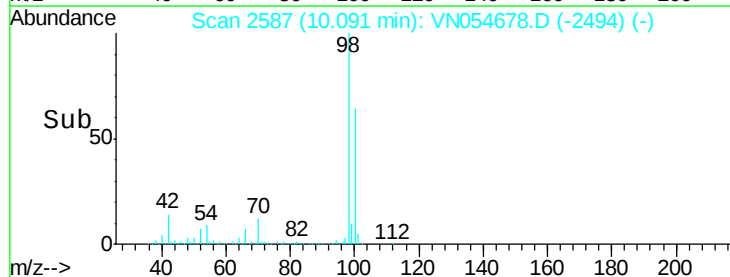
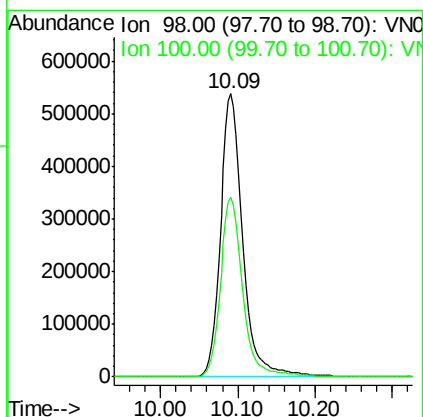
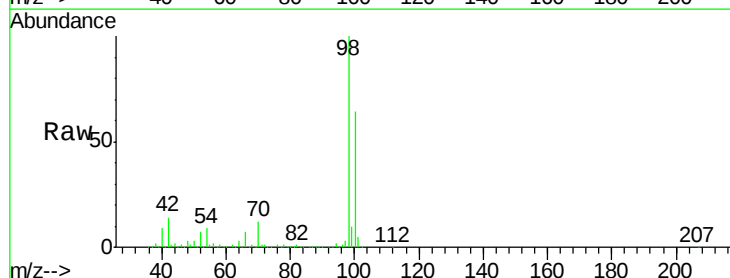
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

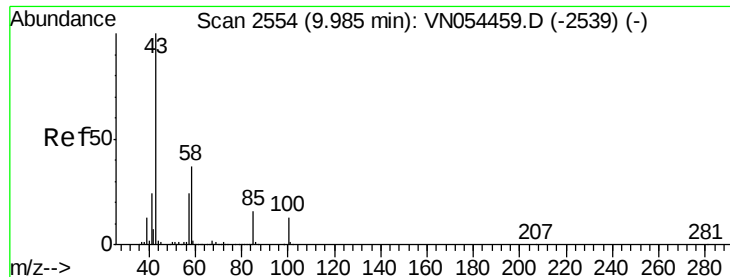
Tot Ion: 41 Resp: 6112
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 35.0 47.5 71.3#



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 98 Resp: 1076494
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.600 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

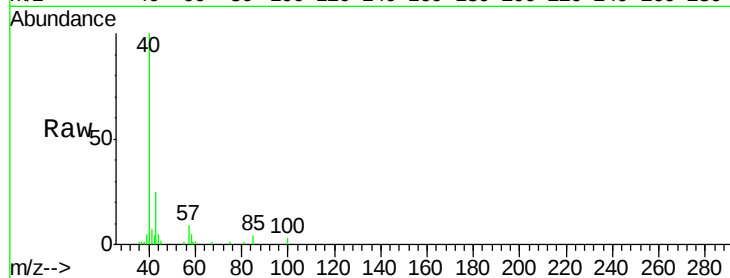
DRUM-2

Tot Ion: 43 Resp: 8900

Ion Ratio Lower Upper

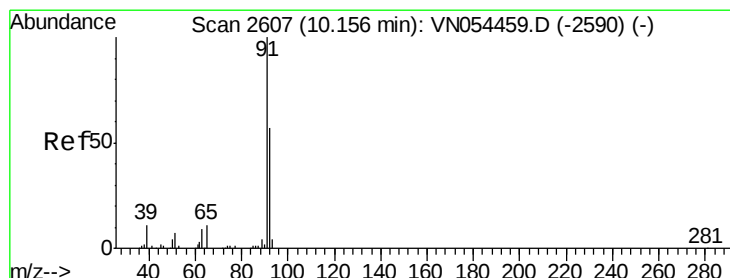
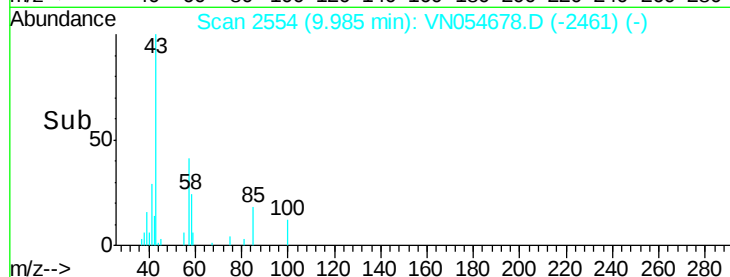
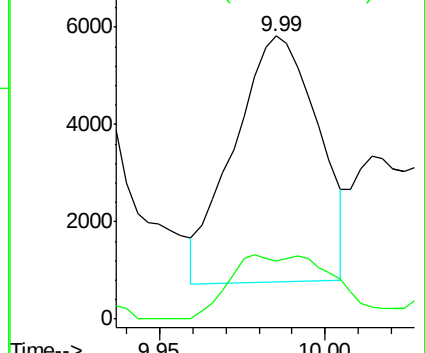
43 100

58 15.3 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 12.892 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054678.D

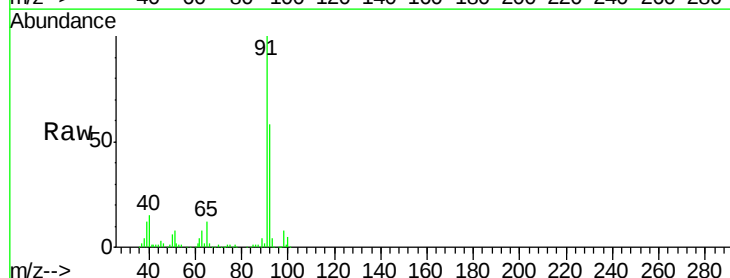
Acq: 25 Mar 2019 17:38

Tgt Ion: 92 Resp: 189506

Ion Ratio Lower Upper

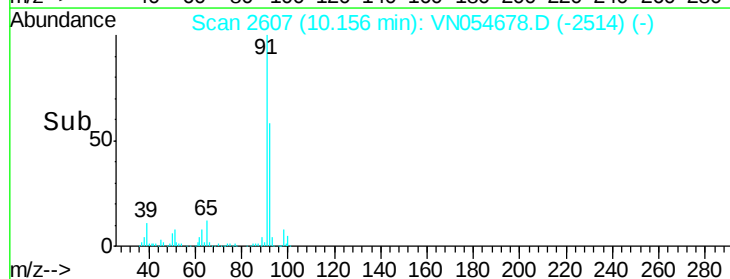
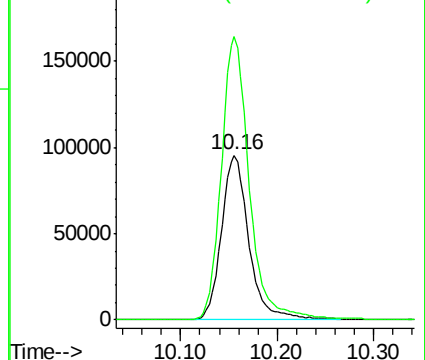
92 100

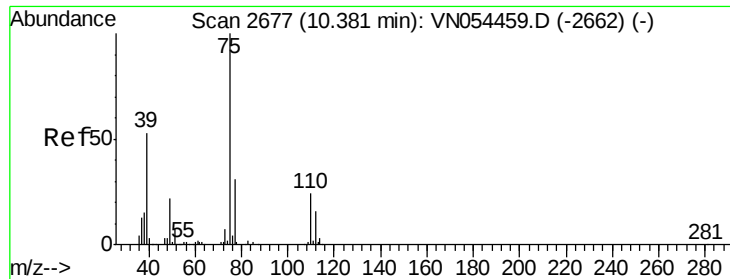
91 173.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 2.492 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

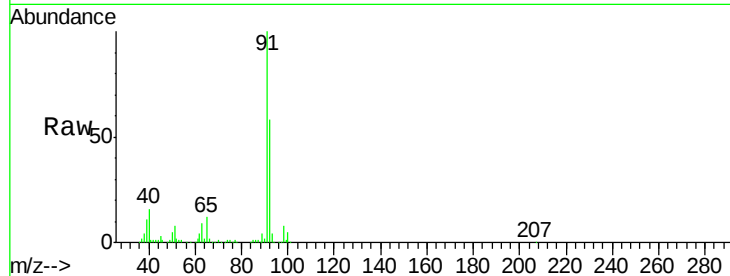
DRUM-2

Tot Ion: 75 Resp: 2285

Ion Ratio Lower Upper

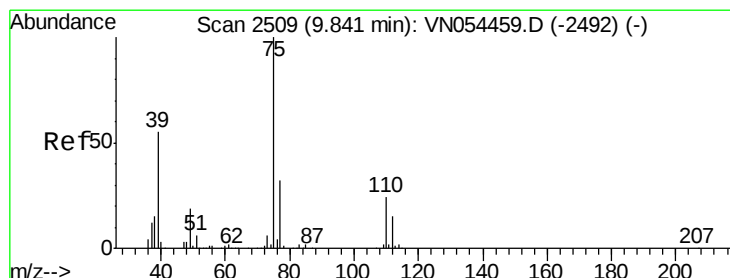
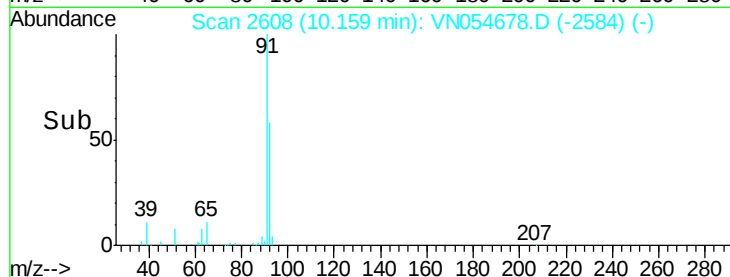
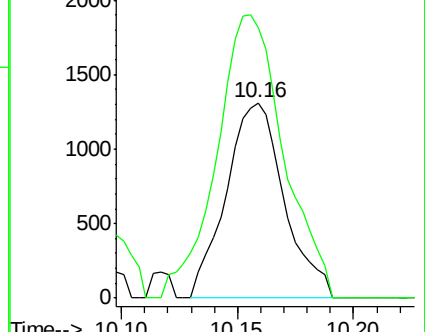
75 100

77 138.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.381 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

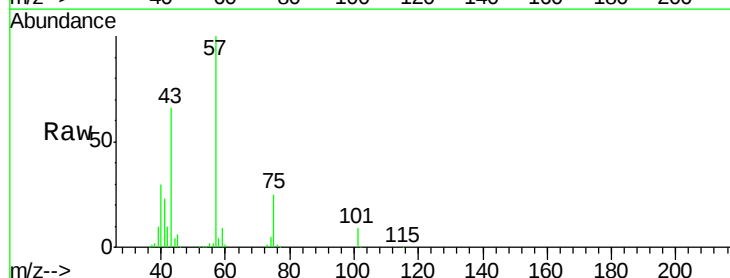
Tgt Ion: 75 Resp: 39912

Ion Ratio Lower Upper

75 100

77 0.9 25.4 38.0#

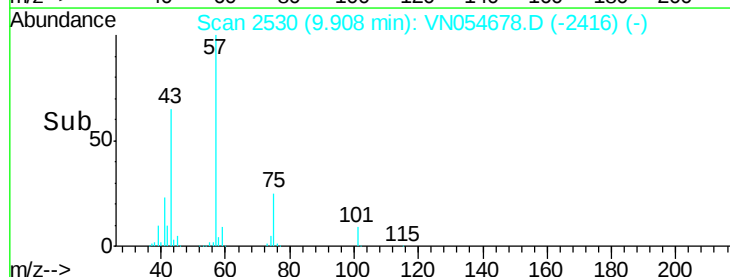
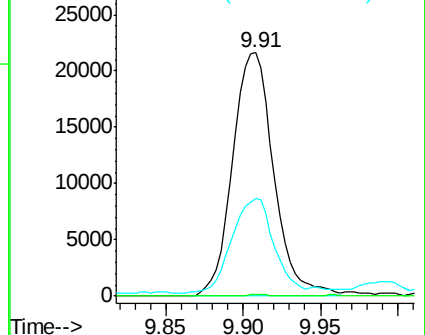
39 38.6 37.2 55.8

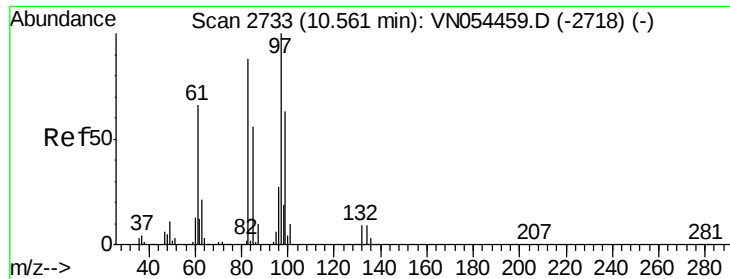


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

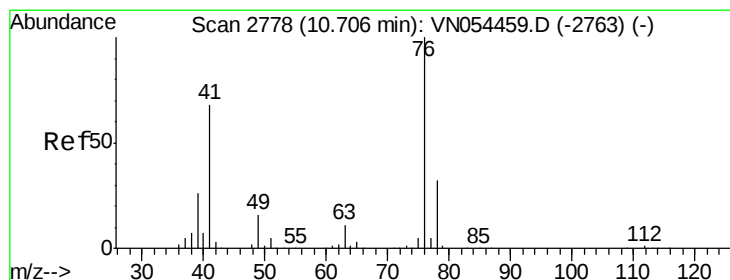
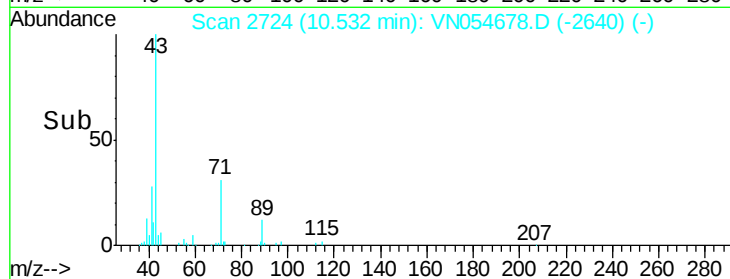
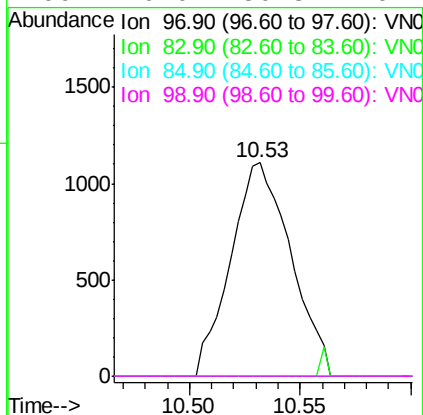
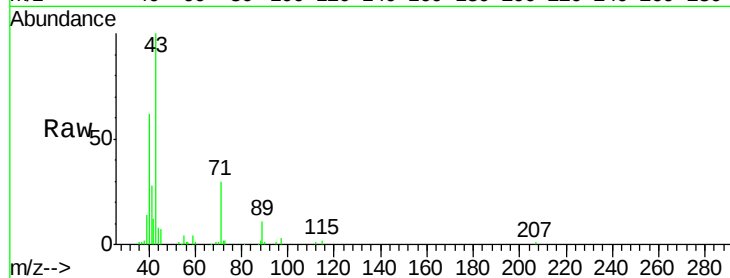




#55
 1,1,2-Trichloroethane
 Concen: 0.397 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

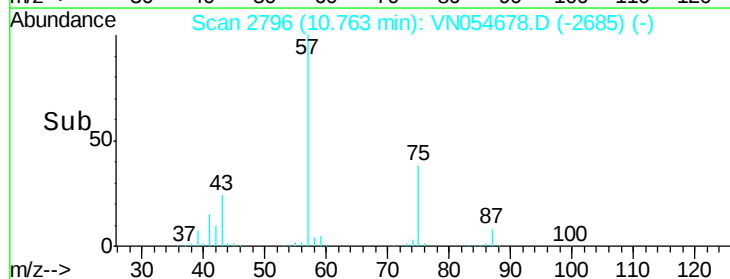
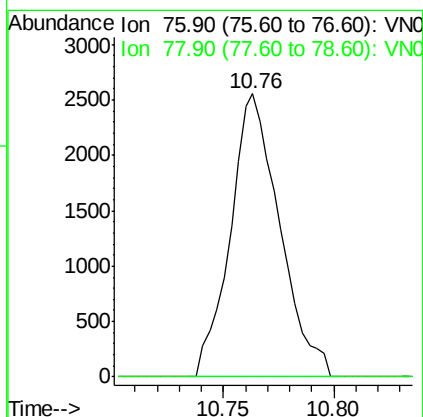
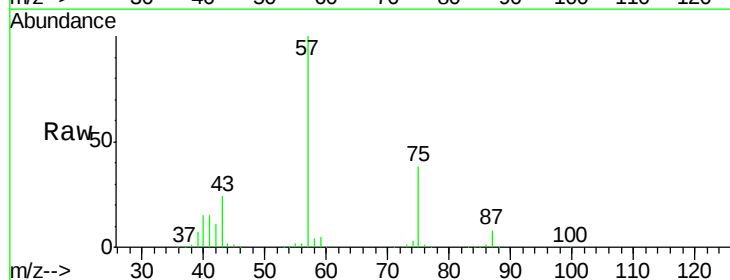
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

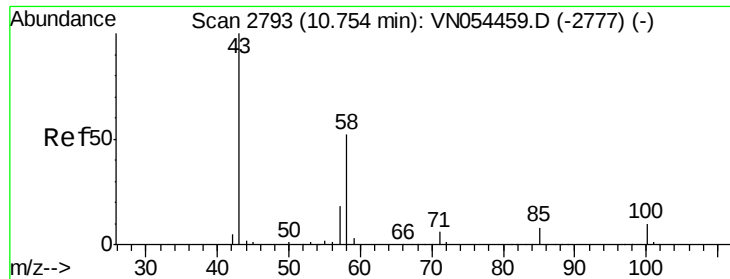
Tot Ion: 97 Resp: 2100
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.6 100.0#
 85 0.0 44.4 66.6#
 99 0.0 50.8 76.2#



#57
 1,3-Dichloropropane
 Concen: 0.432 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Tgt Ion: 76 Resp: 3970
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

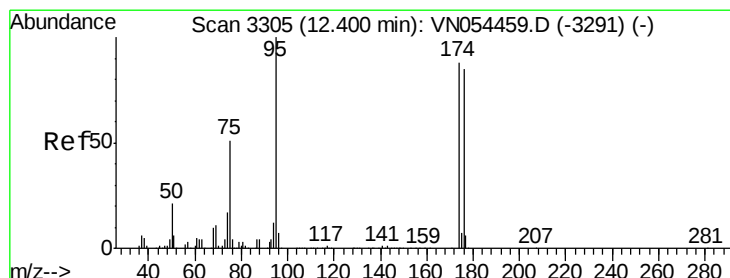
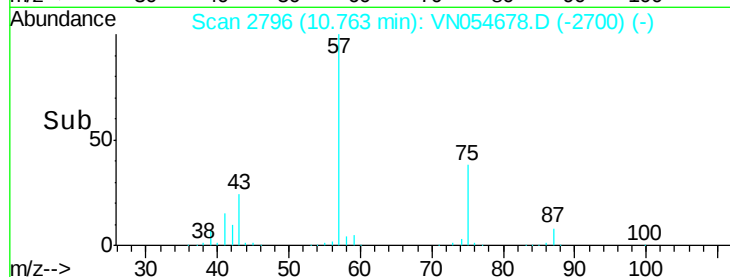
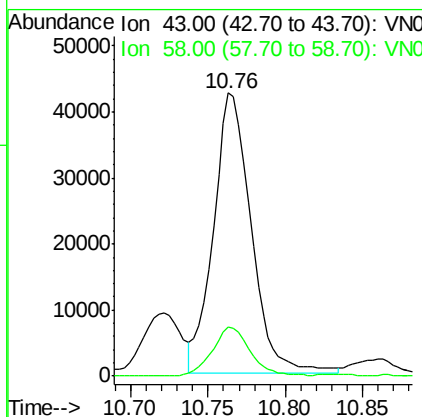
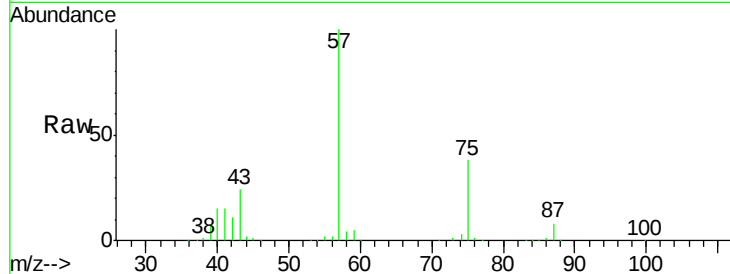




#59
2-Hexanone
Concen: 19.731 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

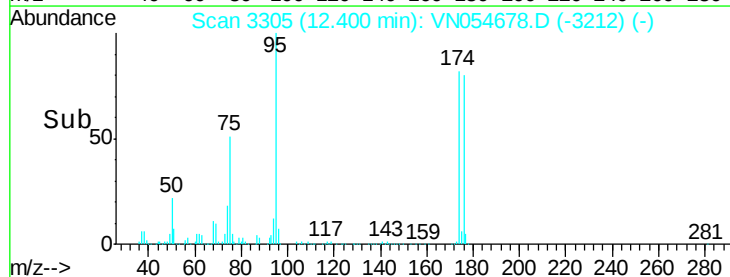
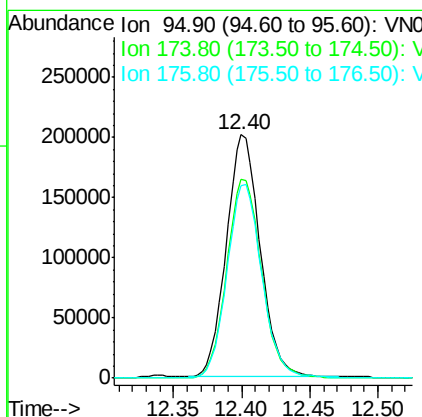
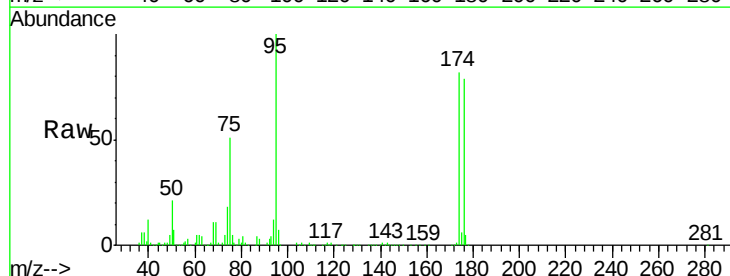
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

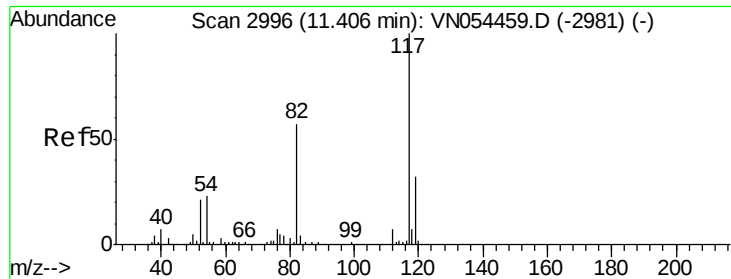
Tot Ion: 43 Resp: 71708
Ion Ratio Lower Upper
43 100
58 17.9 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 47.300 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 95 Resp: 348468
Ion Ratio Lower Upper
95 100
174 84.5 0.0 191.0
176 82.0 0.0 187.4

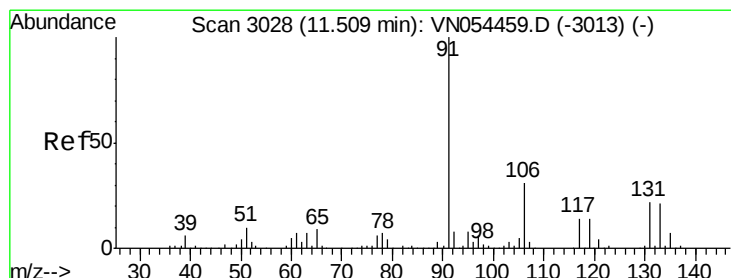
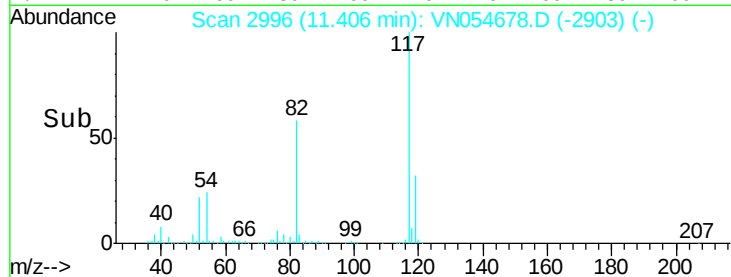
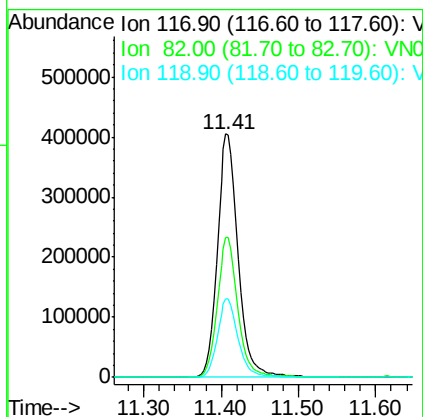
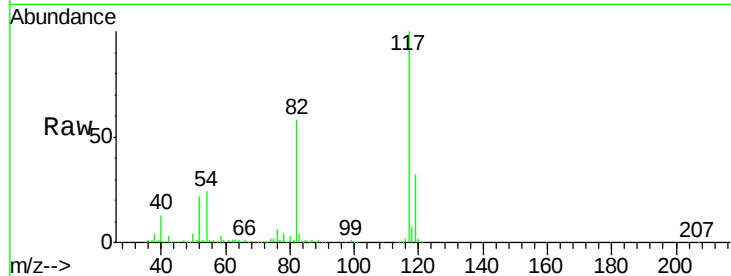




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

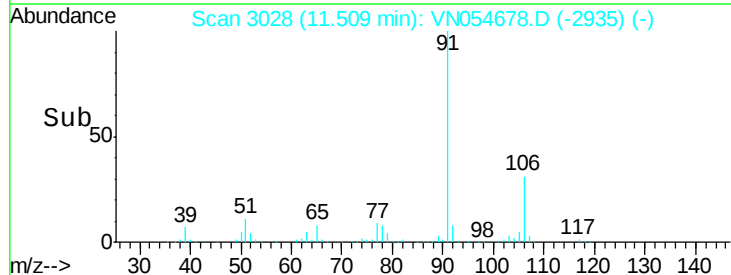
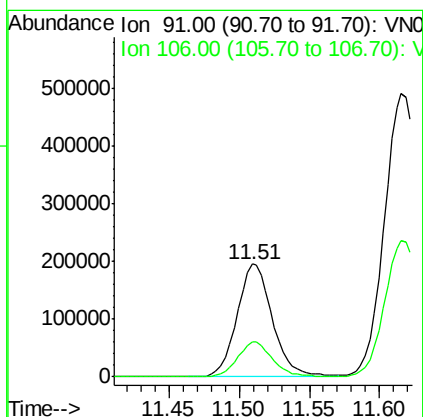
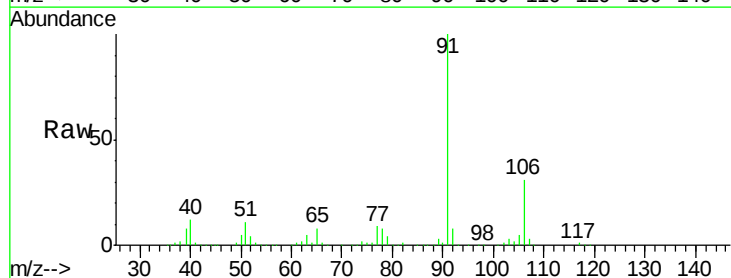
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

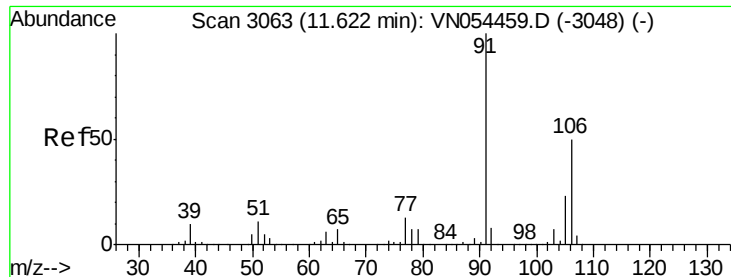
Tot Ion:117 Resp: 762930
Ion Ratio Lower Upper
117 100
82 57.5 40.0 60.0
119 32.4 25.8 38.6



#67
Ethyl Benzene
Concen: 12.567 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 91 Resp: 344463
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

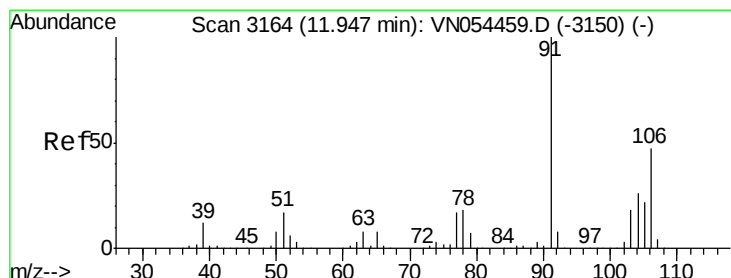
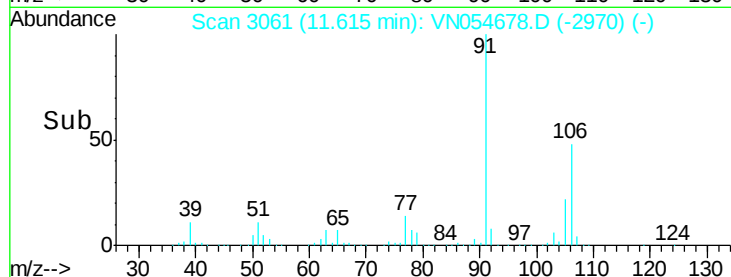
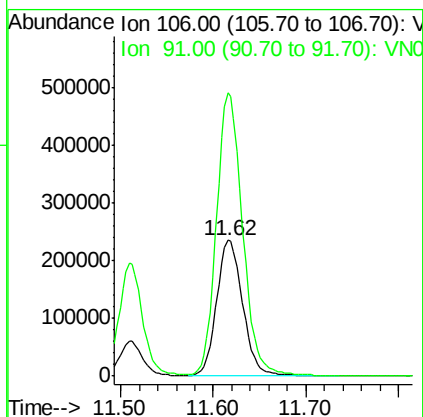
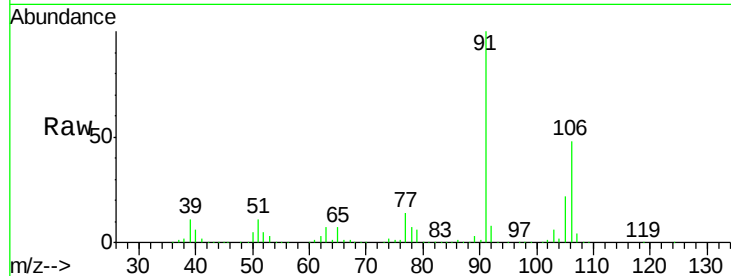




#68
m/p-Xylenes
Concen: 44.424 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

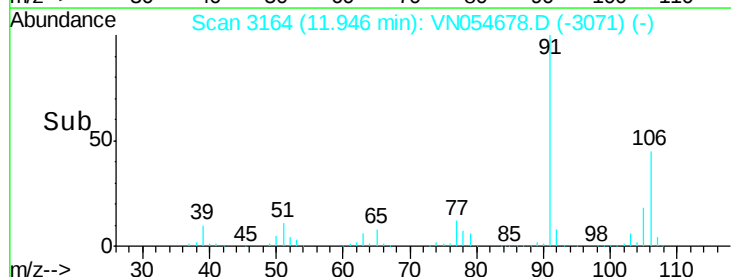
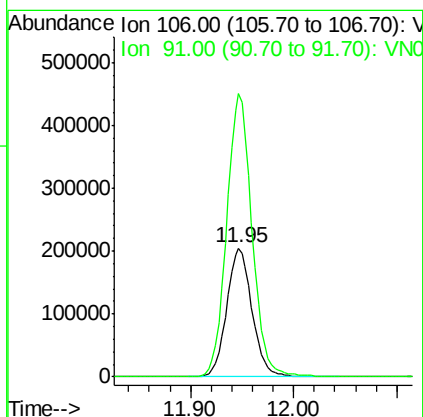
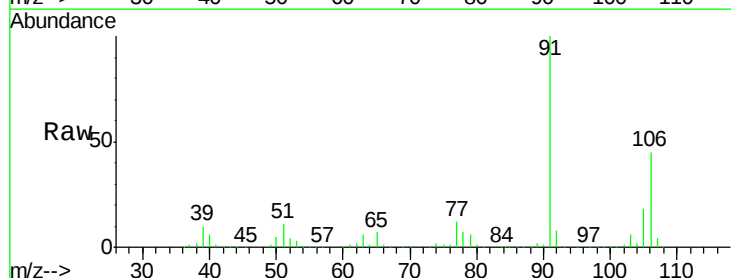
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

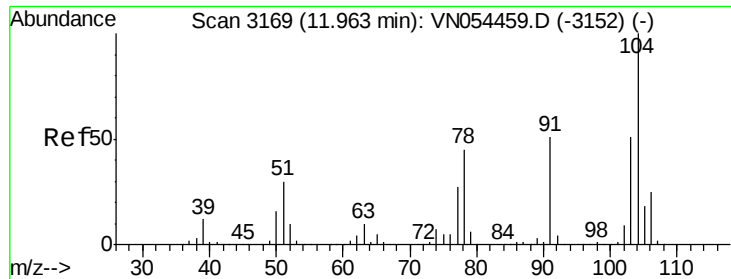
Tot Ion:106 Resp: 461217
Ion Ratio Lower Upper
106 100
91 207.9 159.4 239.2



#69
o-Xylene
Concen: 34.492 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion:106 Resp: 349725
Ion Ratio Lower Upper
106 100
91 220.2 105.7 317.1

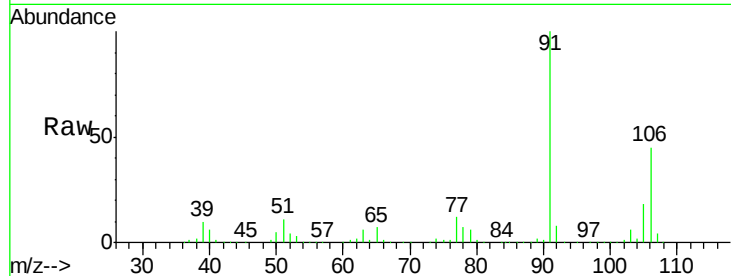




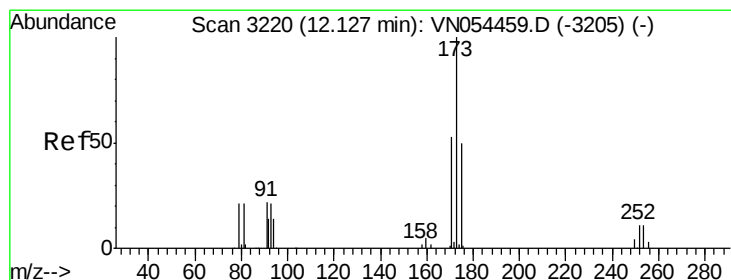
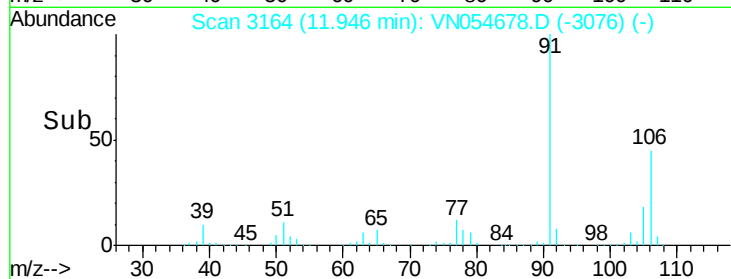
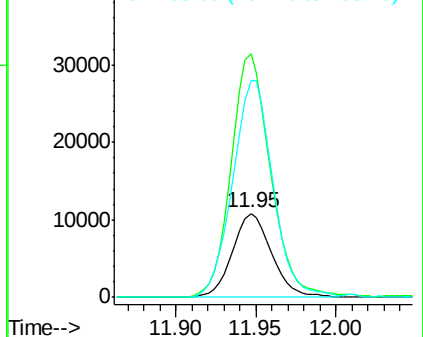
#70
Stvrene
Concen: 1.100 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Instrument :
MSVOA_N
ClientSampled :
DRUM-2

Tot Ion:104 Resp: 18113
Ion Ratio Lower Upper
104 100
78 292.2 38.2 57.2#
103 264.9 44.4 66.6#

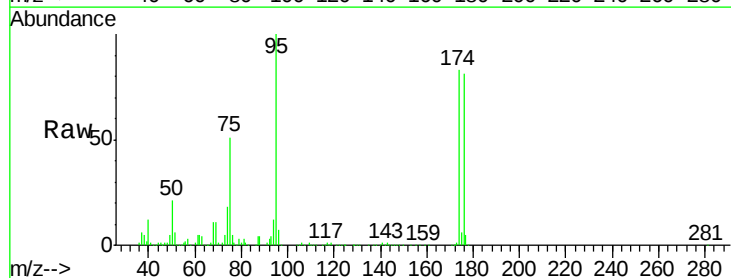


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

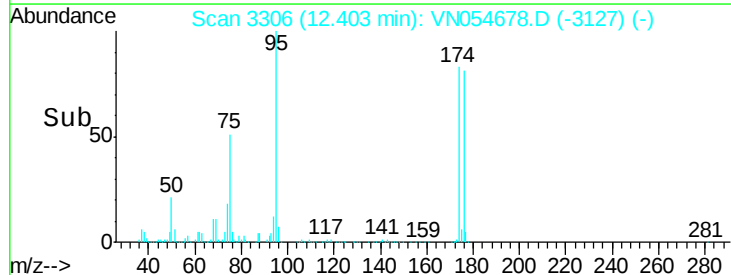
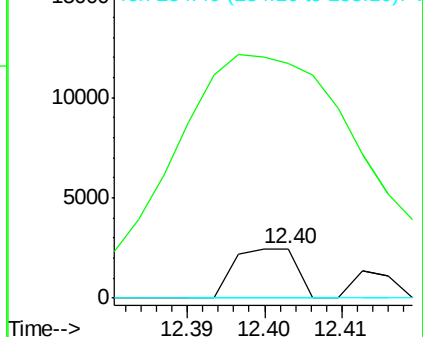


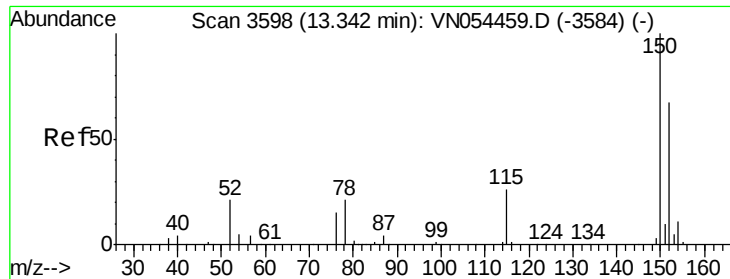
#71
Bromoform
Concen: 2.561 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion:173 Resp: 1370
Ion Ratio Lower Upper
173 100
175 1379.2 24.4 73.2#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

DRUM-2

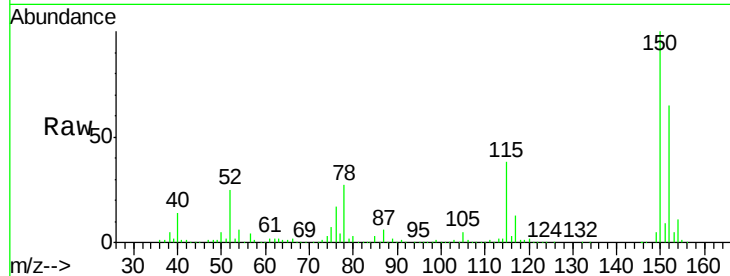
Tot Ion:152 Resp: 321673

Ion Ratio Lower Upper

152 100

115 69.0 27.2 81.6

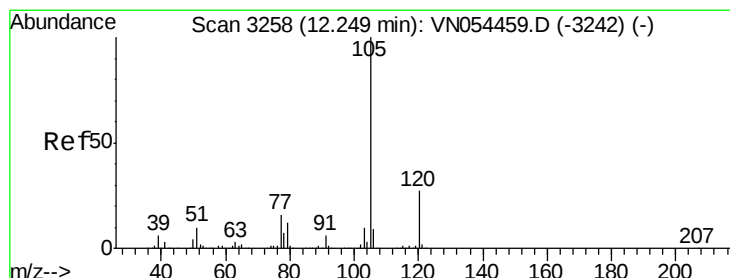
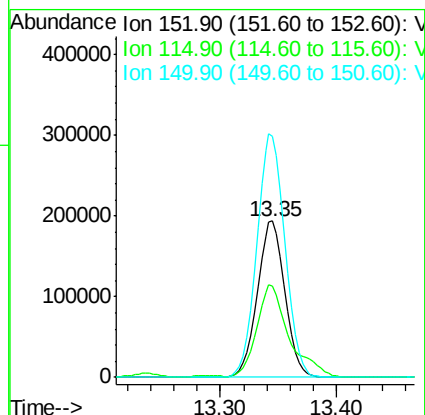
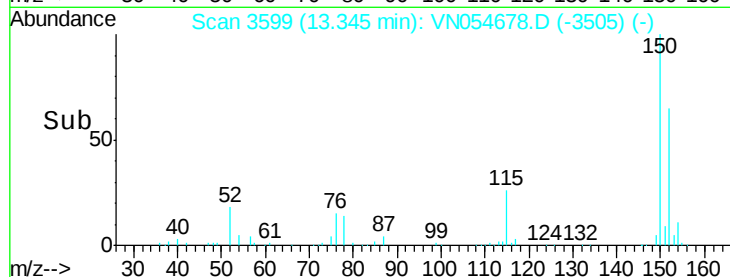
150 158.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.779 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054678.D

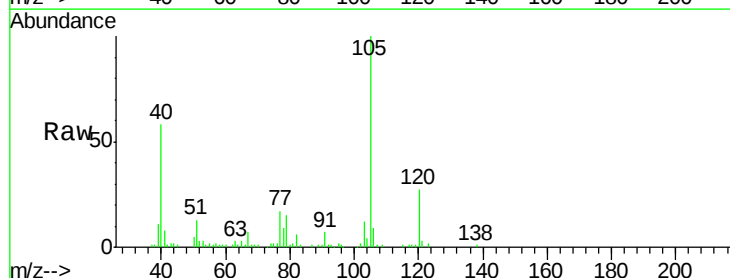
Acq: 25 Mar 2019 17:38

Tgt Ion:105 Resp: 72046

Ion Ratio Lower Upper

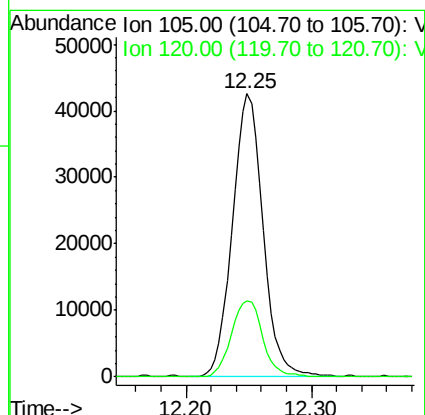
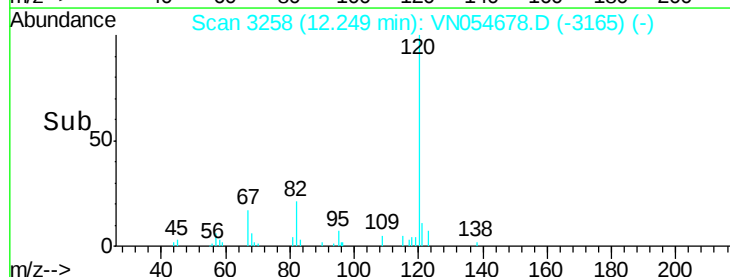
105 100

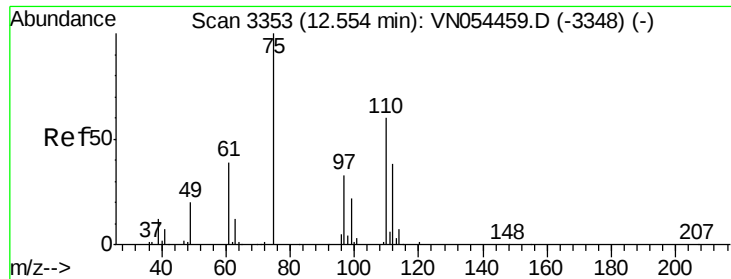
120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 1.229 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. 0.10 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

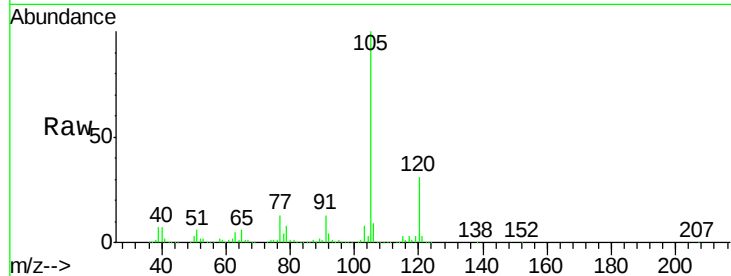
DRUM-2

Tot Ion: 75 Resp: 6274

Ion Ratio Lower Upper

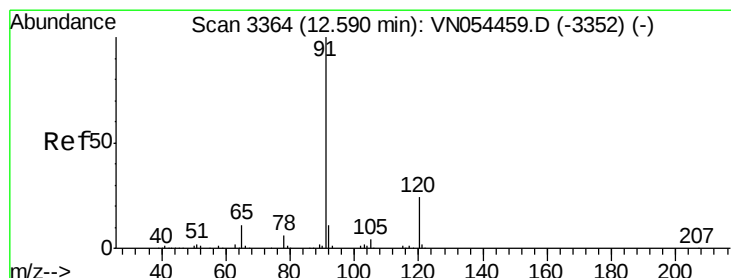
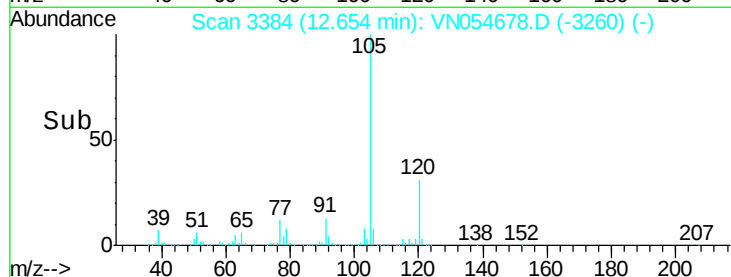
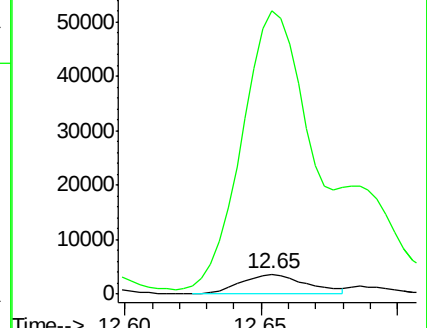
75 100

77 1372.8 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: 6.666 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054678.D

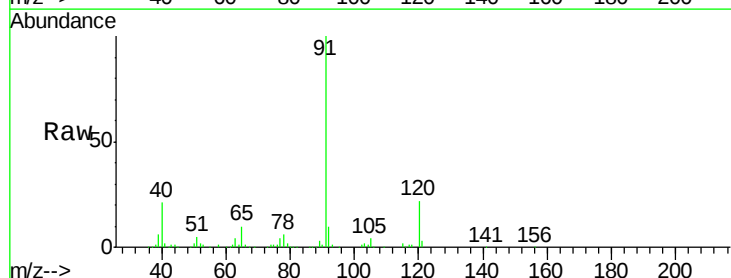
Acq: 25 Mar 2019 17:38

Tgt Ion: 91 Resp: 187358

Ion Ratio Lower Upper

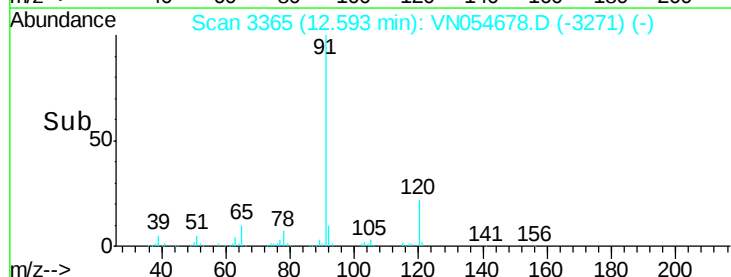
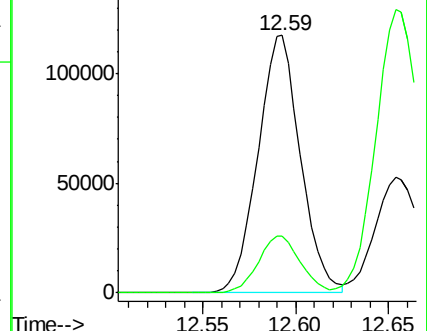
91 100

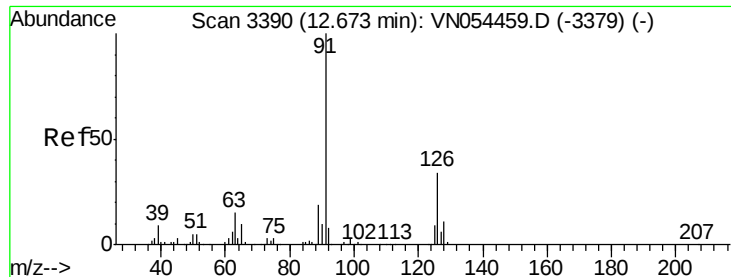
120 22.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.489 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampleId :

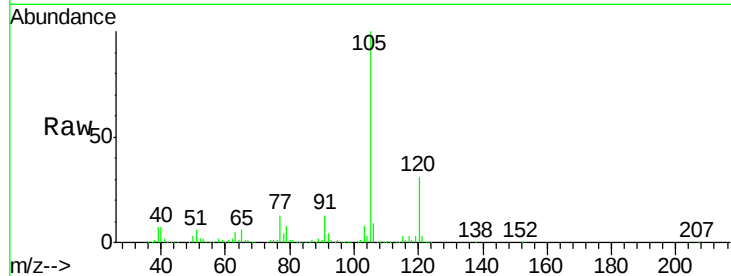
DRUM-2

Tot Ion: 91 Resp: 78684

Ion Ratio Lower Upper

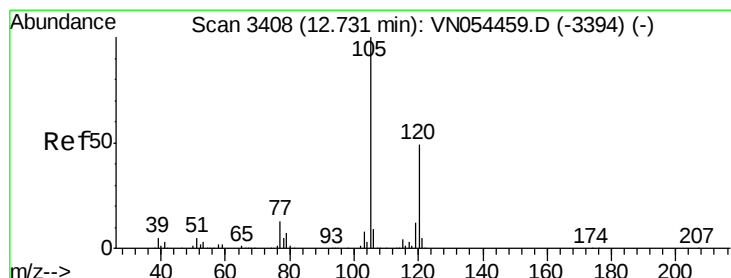
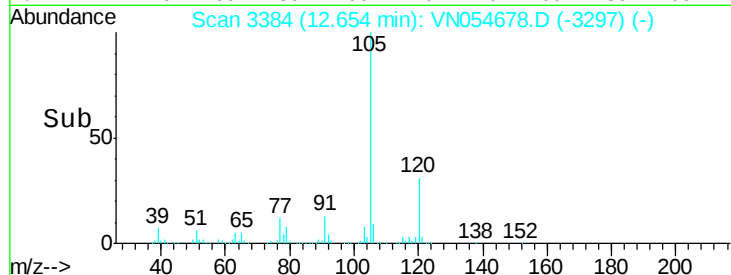
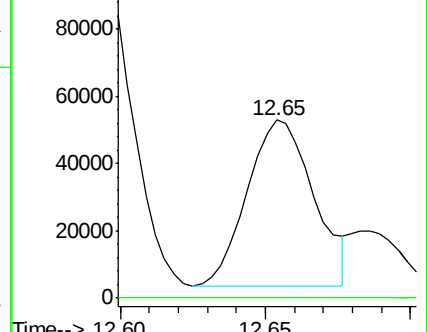
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054459.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 15.200 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054678.D

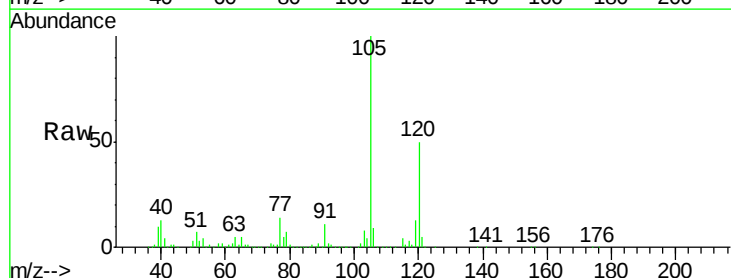
Acq: 25 Mar 2019 17:38

Tgt Ion: 105 Resp: 322926

Ion Ratio Lower Upper

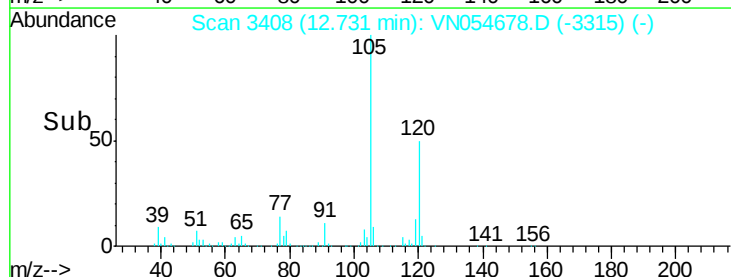
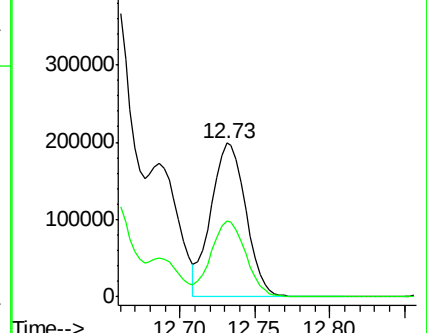
105 100

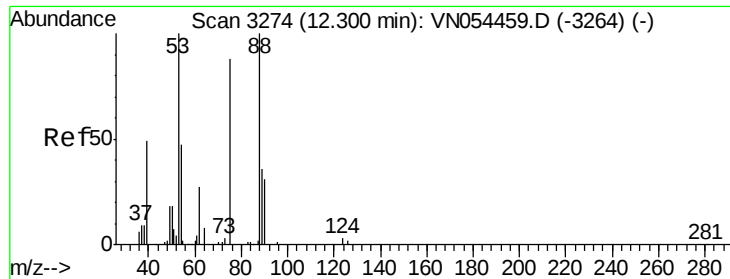
120 49.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 118.319 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

DRUM-2

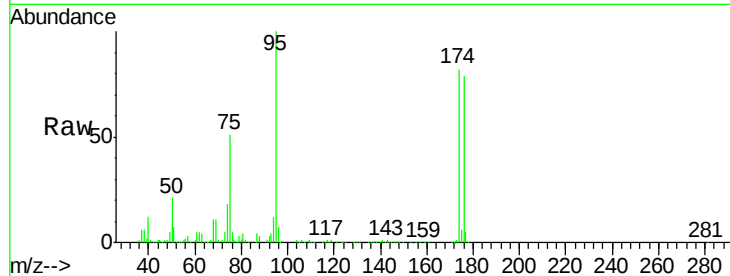
Tot Ion: 75 Resp: 182046

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

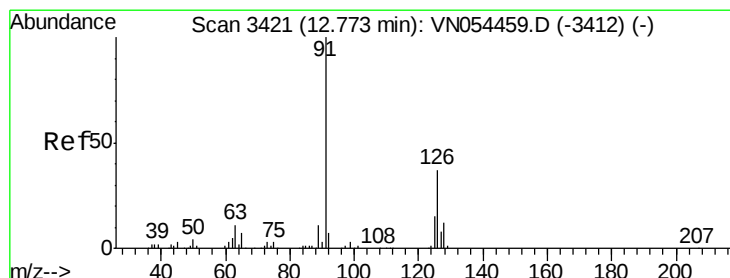
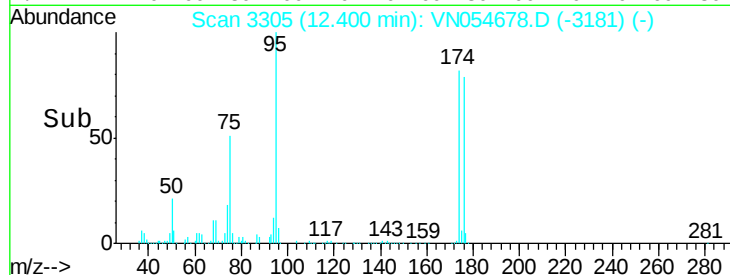
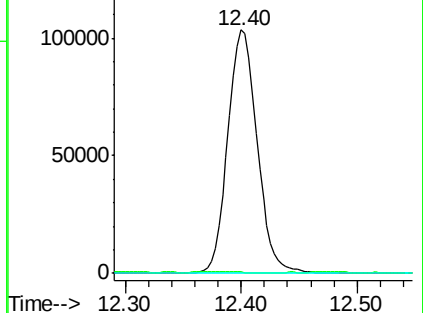
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 2.074 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054678.D

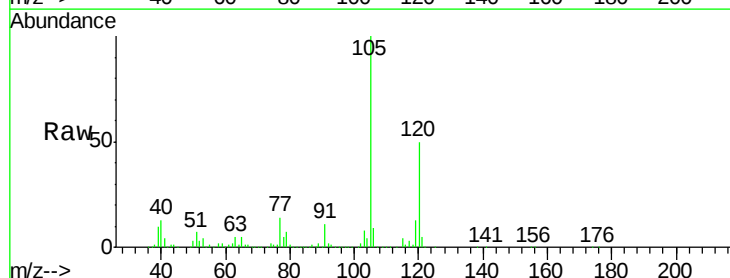
Acq: 25 Mar 2019 17:38

Tgt Ion: 91 Resp: 35239

Ion Ratio Lower Upper

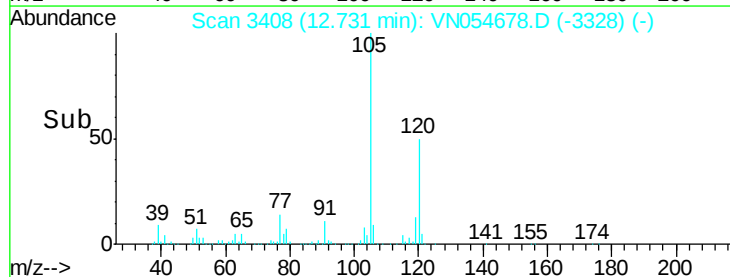
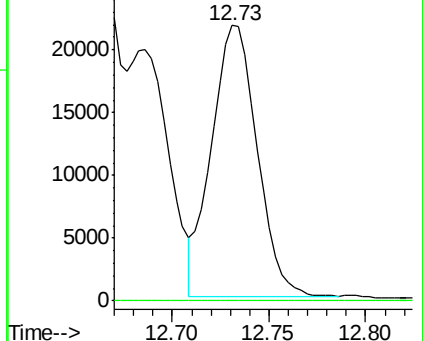
91 100

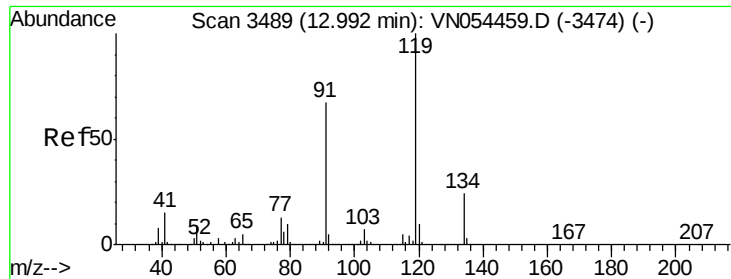
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

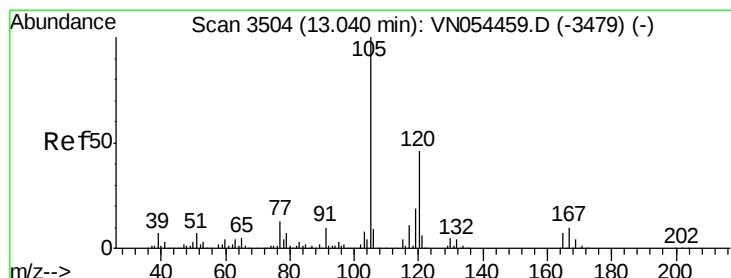
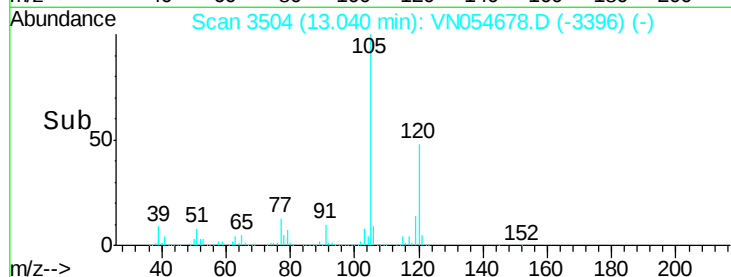
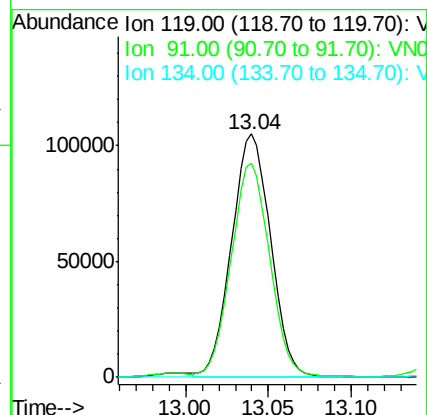
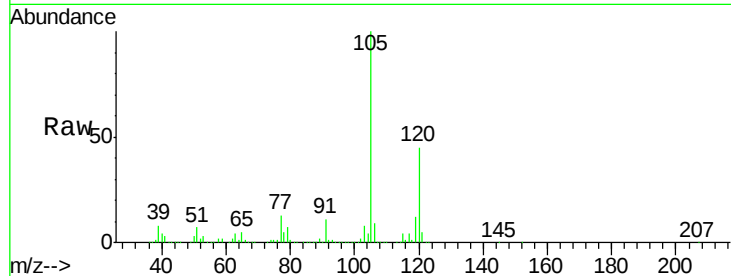




#83
tert-Butylbenzene
Concen: 9.332 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

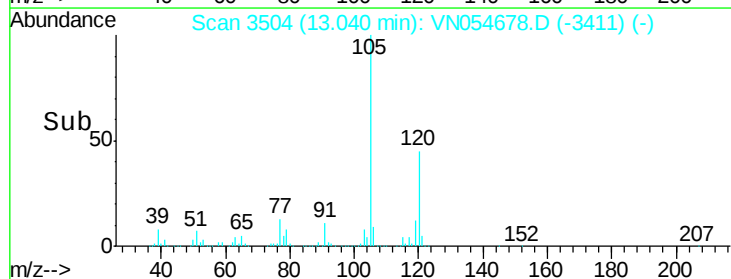
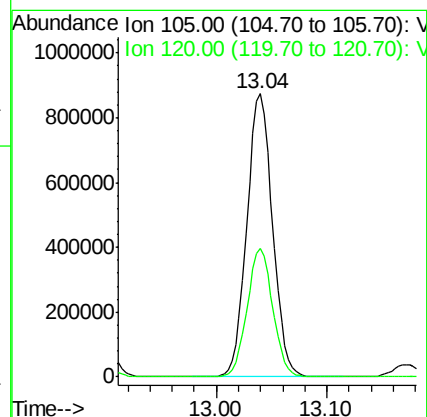
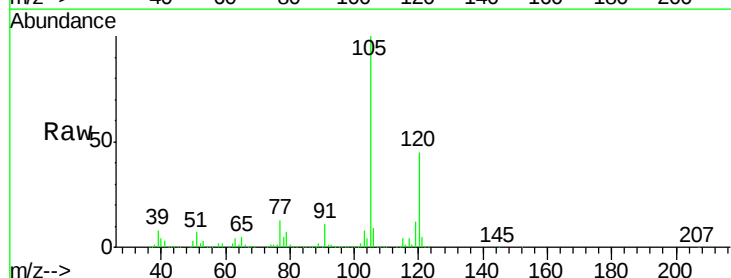
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

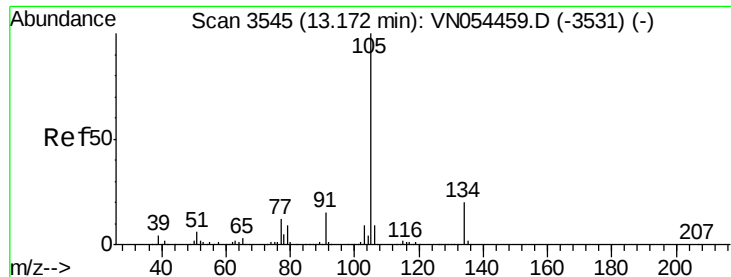
Tot Ion:119 Resp: 172569
Ion Ratio Lower Upper
119 100
91 85.8 30.9 92.8
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 67.415 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion:105 Resp: 1405313
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 2.643 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

Instrument :

MSVOA_N

ClientSampled :

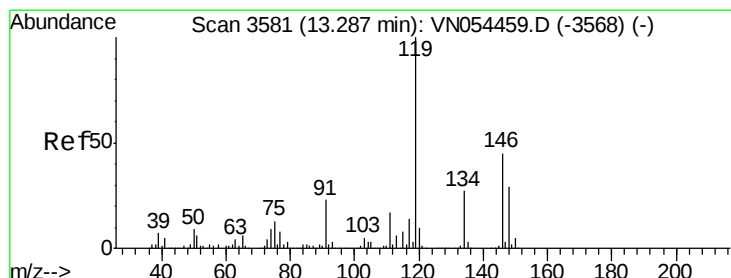
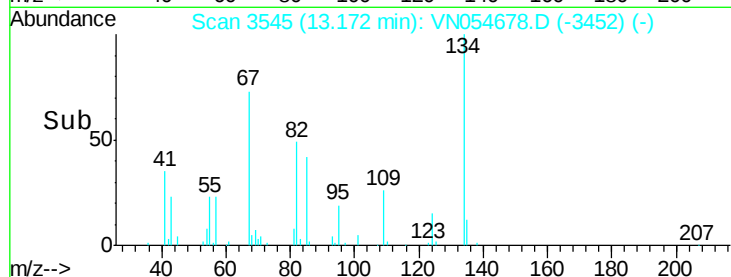
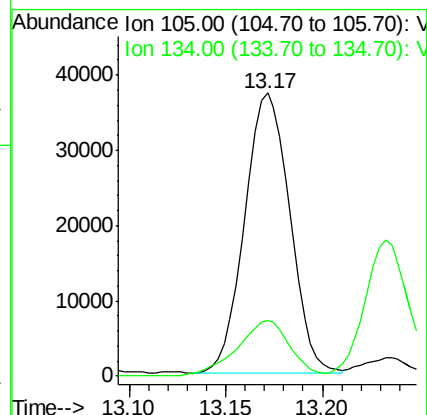
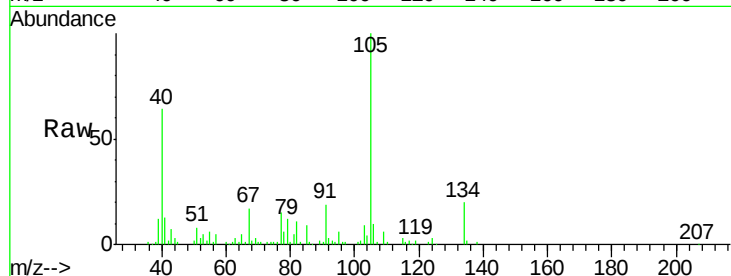
DRUM-2

Tot Ion:105 Resp: 60924

Ion Ratio Lower Upper

105 100

134 23.0 10.7 32.1



#86

p-Isopropyltoluene

Concen: 2.168 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054678.D

Acq: 25 Mar 2019 17:38

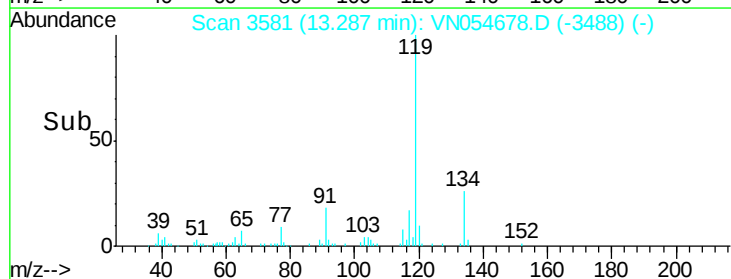
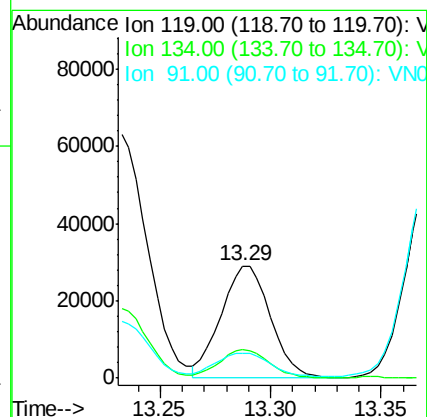
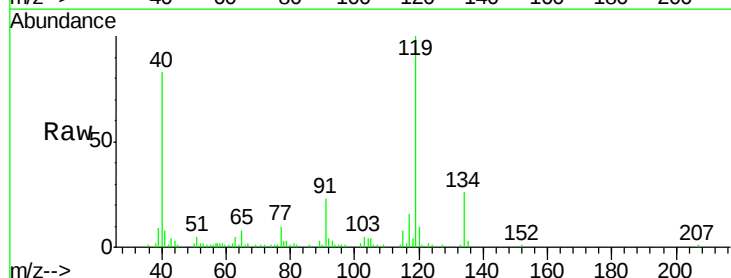
Tgt Ion:119 Resp: 44707

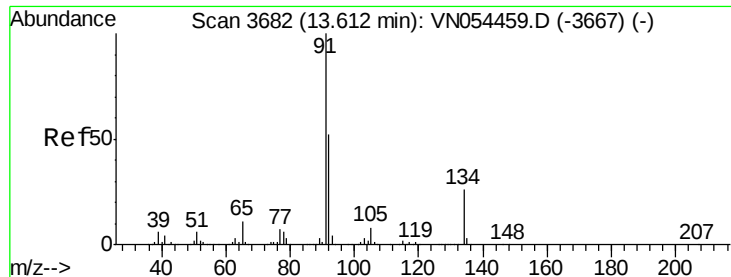
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.8

91 22.6 11.1 33.3

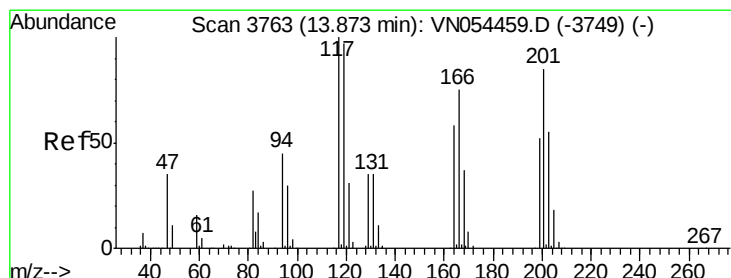
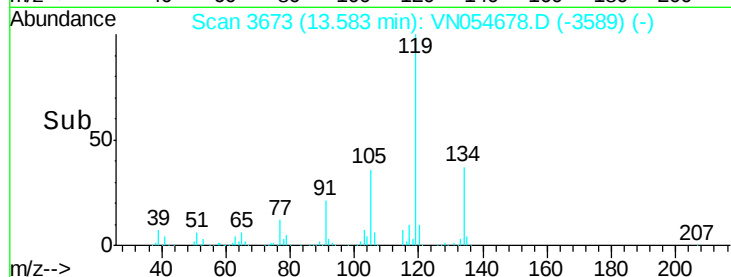
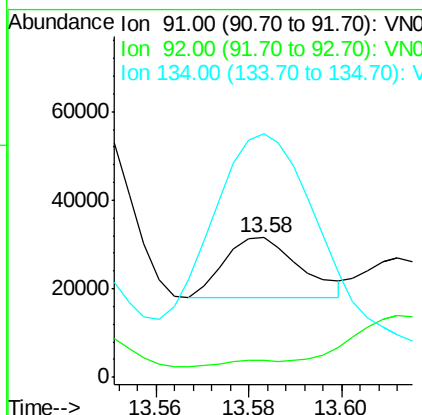
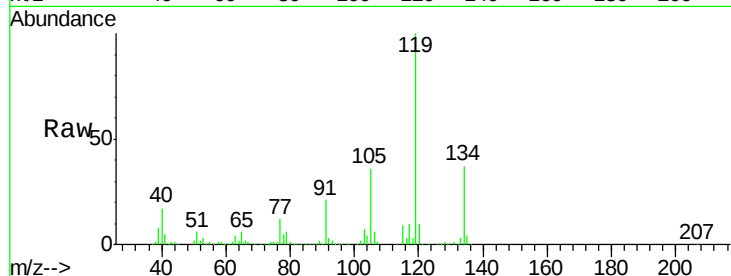




#89
n-Butylbenzene
Concen: 0.941 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

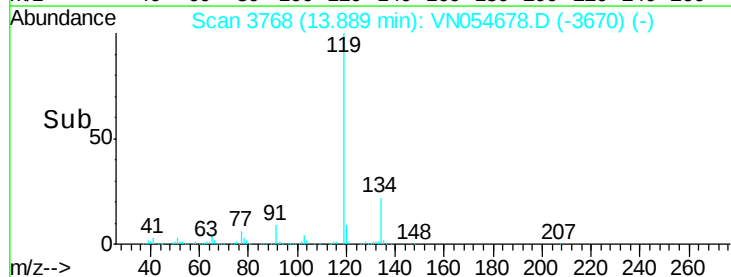
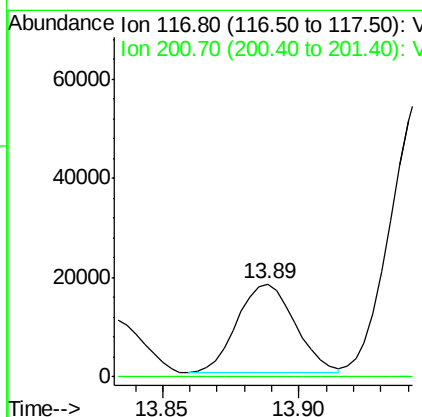
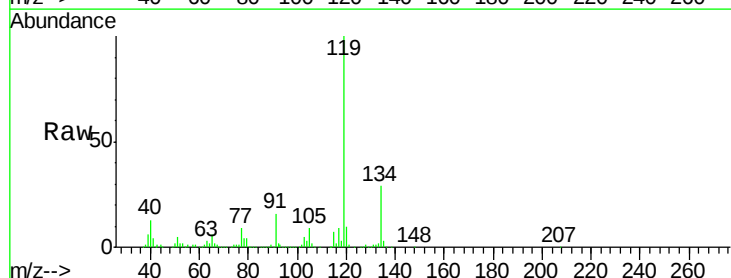
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

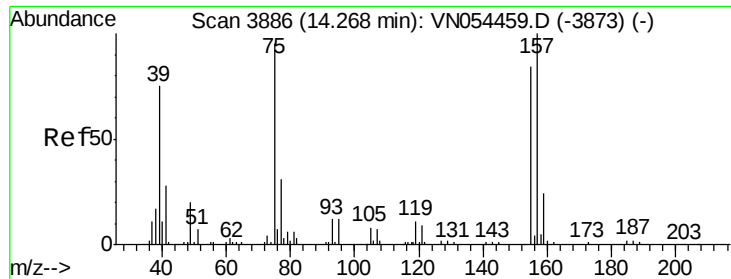
Tot Ion: 91 Resp: 15173
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.6#
134 686.2 14.3 42.9#



#90
Hexachloroethane
Concen: 8.308 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN054678.D
Acq: 25 Mar 2019 17:38

Tgt Ion: 117 Resp: 26596
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#

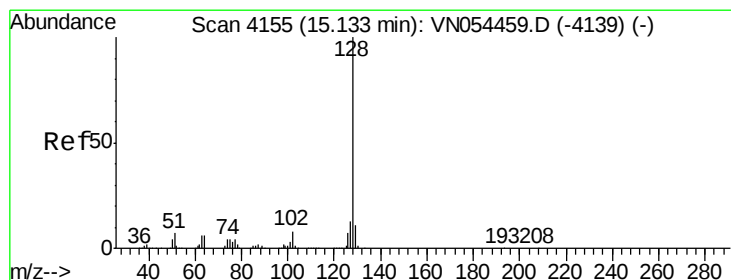
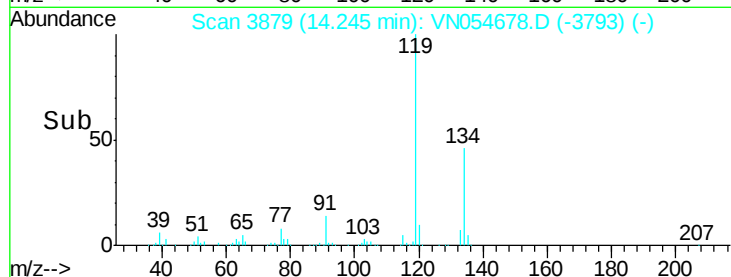
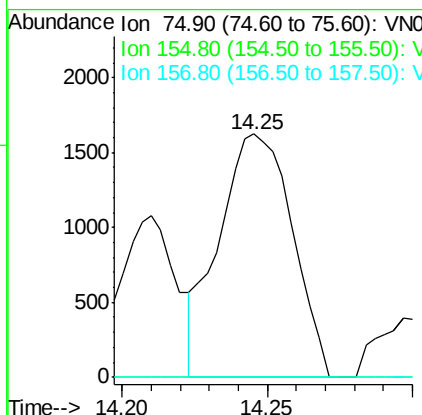
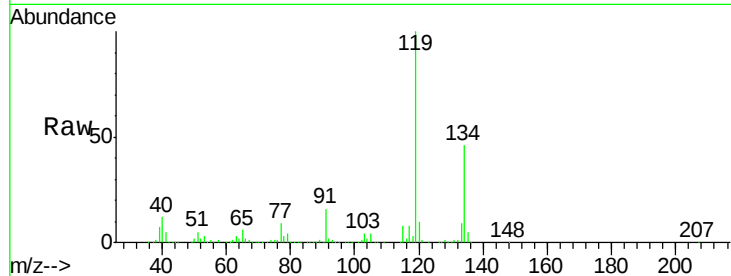




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.285 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Tot Ion: 75 Resp: 2851
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.1 150.3#
 157 0.0 63.1 189.3#



#95
 Naphthalene
 Concen: 18.433 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN054678.D
 Acq: 25 Mar 2019 17:38

Tgt Ion: 128 Resp: 211502
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.1 15.1
 129 10.8 8.7 13.1

