

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053067.D
 Acq On : 20 Dec 2018 19:55
 Operator : MD\SY
 Sample : J6494-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:20:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1323405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2018218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1815907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	760823	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	641587	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	553040	59.99	ug/l	0.00
Spiked Amount			Recovery	=	119.98%	
50) Toluene-d8	10.09	98	2498973	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	830081	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	797	0.973	ug/l #	74
13) Acrolein	3.61	56	353	0.475	ug/l	96
16) Acetone	3.82	43	141217	53.629	ug/l	97
17) Carbon Disulfide	4.06	76	9485	0.231	ug/l	96
18) Methyl Acetate	4.33	43	5844	1.471	ug/l #	76
20) Methylene Chloride	4.56	84	115003	8.006	ug/l	95
25) 2-Butanone	6.84	43	51199	11.586	ug/l	96
29) Tetrahydrofuran	7.22	42	3125	0.947	ug/l #	56
31) Cyclohexane	7.67	56	21738	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	86790	4.480	ug/l #	48
37) Ethyl Acetate	6.84	43	51199	4.734	ug/l #	70
38) Carbon Tetrachloride	7.67	117	113707	6.404	ug/l #	16
40) Benzene	8.04	78	12630	0.219	ug/l	99
41) Methacrylonitrile	7.20	41	1601	0.256	ug/l #	21
43) Isopropyl Acetate	8.17	43	57212	1.725	ug/l #	81
48) Methyl methacrylate	9.18	41	23714	2.260	ug/l #	25
49) 1,4-Dioxane	9.27	88	176	1.326	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	326851	31.210	ug/l	98
52) Toluene	10.16	92	33558	0.940	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	105960	4.724	ug/l #	59
56) Ethyl methacrylate	10.35	69	18176	1.102	ug/l #	77
57) 1,3-Dichloropropane	10.76	76	20827	0.975	ug/l #	42
59) 2-Hexanone	10.76	43	286046	40.370	ug/l #	53
67) Ethyl Benzene	11.51	91	15809	0.228	ug/l	100
68) m/p-Xylenes	11.62	106	20679	0.786	ug/l	94
69) o-Xylene	11.95	106	15513	0.614	ug/l	98
71) Bromoform	12.40	173	5084	0.503	ug/l #	1
74) N-amyl acetate	12.03	43	58660	3.549	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	386120	30.148	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	20660	0.426	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	386120	97.169	ug/l #	12
83) tert-Butylbenzene	13.04	119	10475	0.244	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	92536	1.897	ug/l	93
86) p-Isopropyltoluene	13.29	119	73745	1.470	ug/l #	77

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

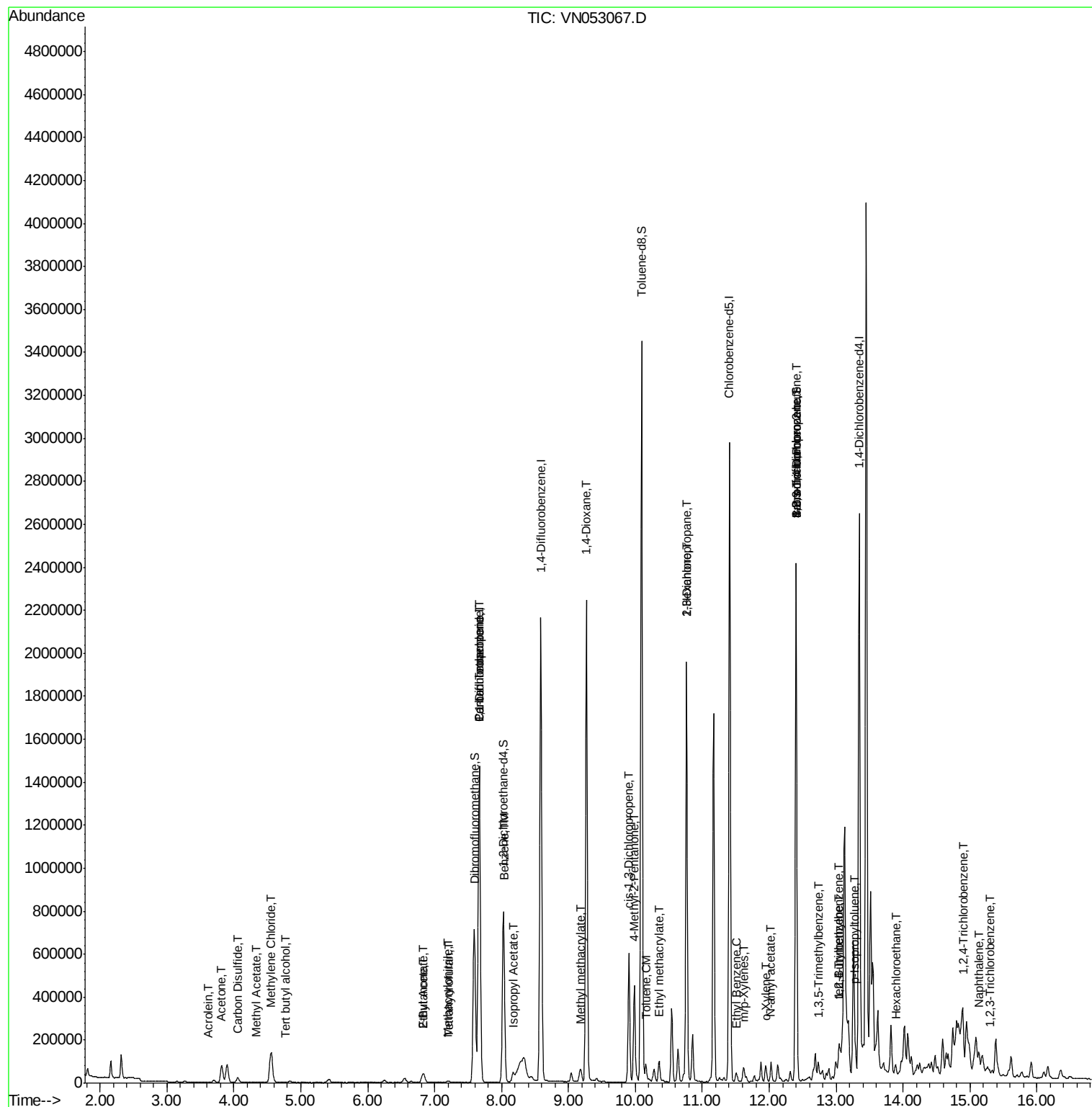
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	2181	0.283	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	428	0.627	ug/l #	76
95) Naphthalene	15.13	128	63955	3.236	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	141	0.519	ug/l #	1

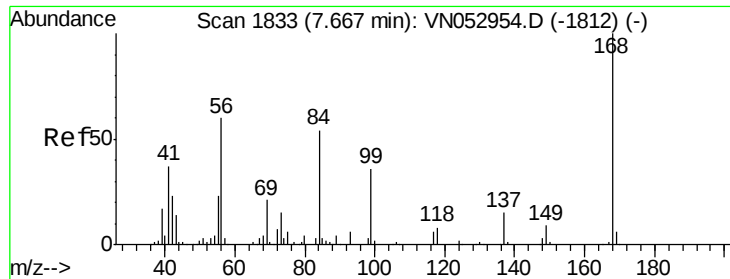
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

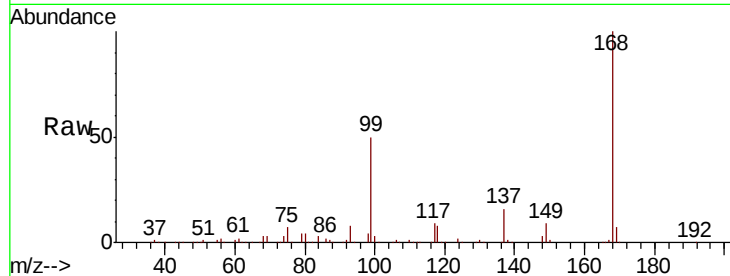
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1323405

Ion Ratio Lower Upper

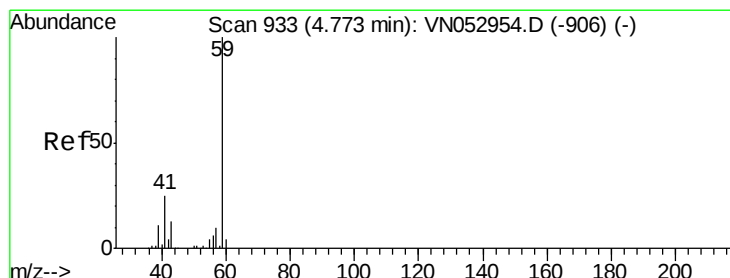
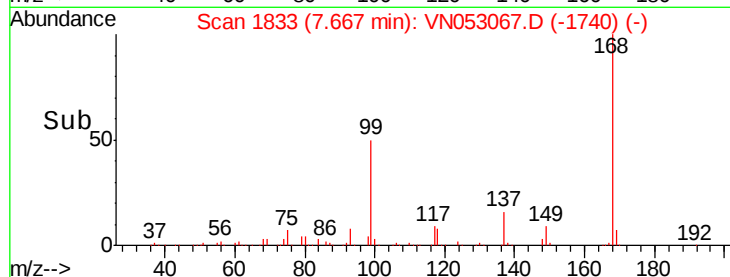
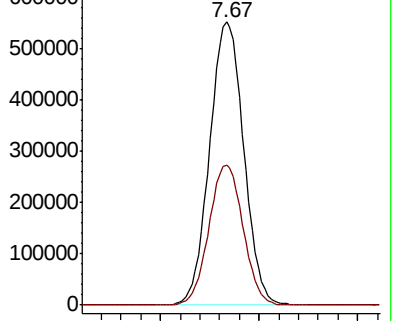
168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.973 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN053067.D

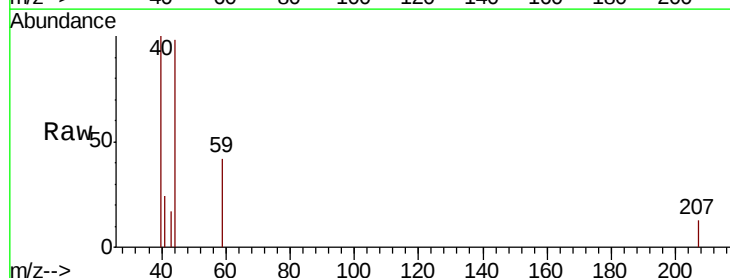
Acq: 20 Dec 2018 19:55

Tgt Ion: 59 Resp: 797

Ion Ratio Lower Upper

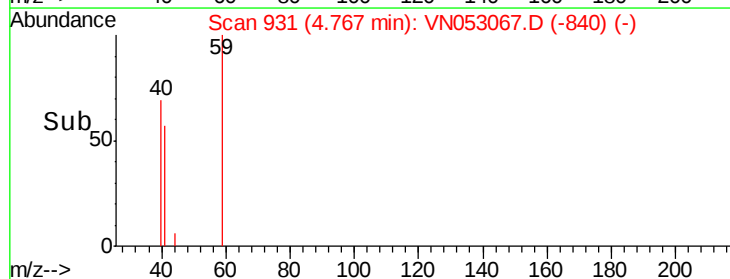
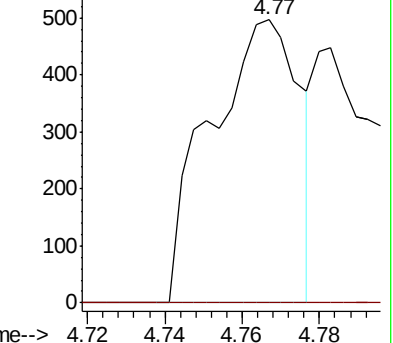
59 100

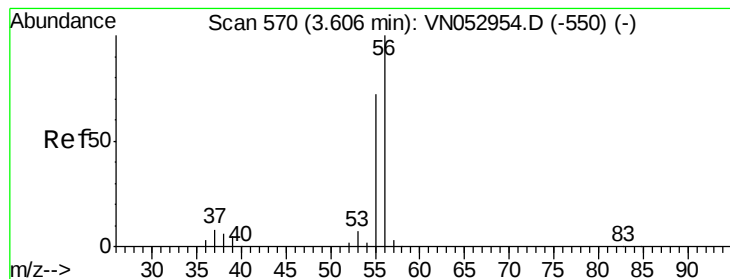
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.475 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

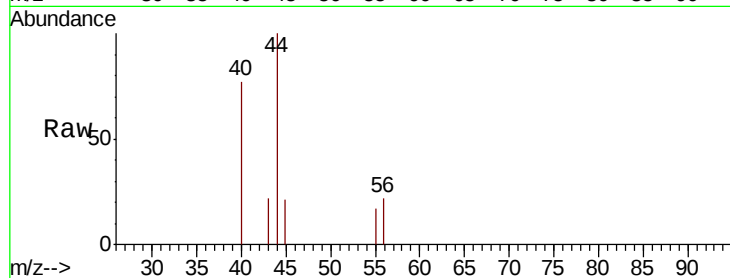
ClientSampled :

Tot Ion: 56 Resp: 353

Ion Ratio Lower Upper

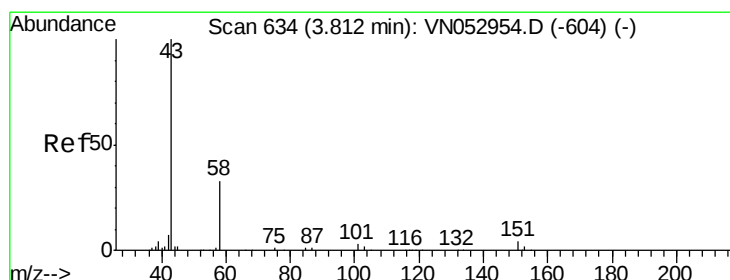
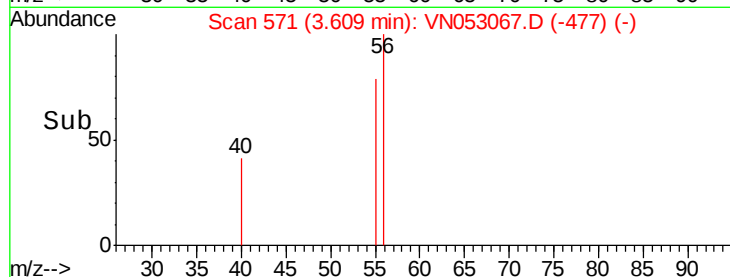
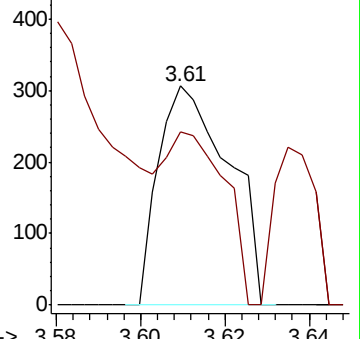
56 100

55 67.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 53.629 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053067.D

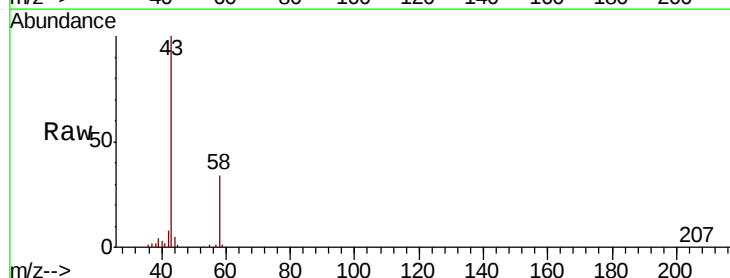
Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 141217

Ion Ratio Lower Upper

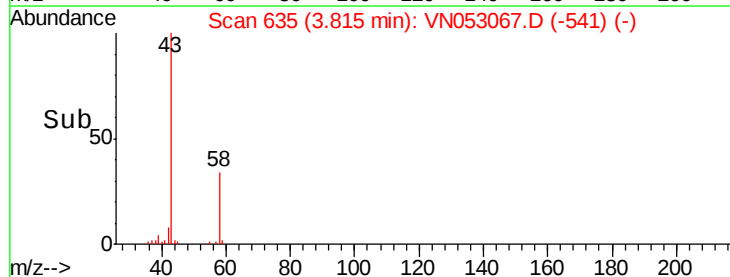
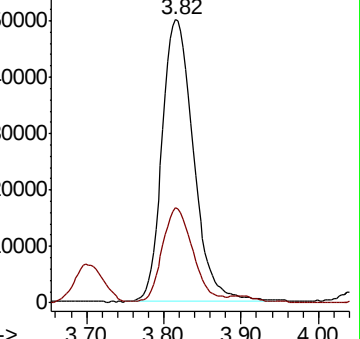
43 100

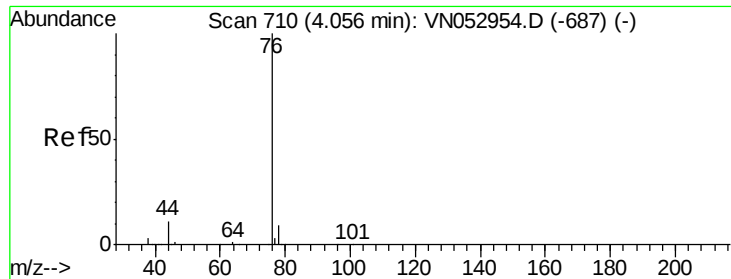
58 33.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

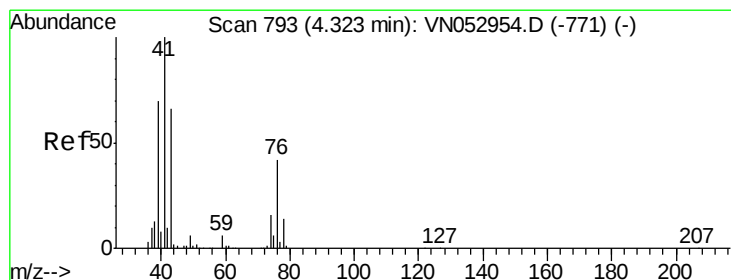
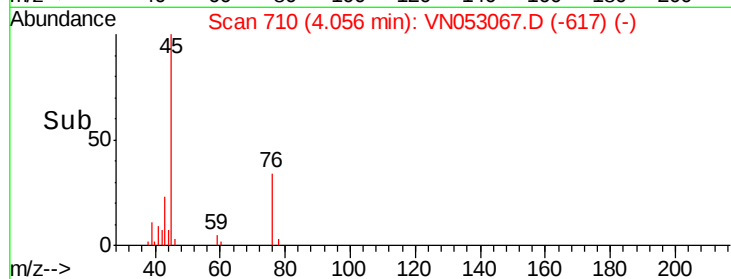
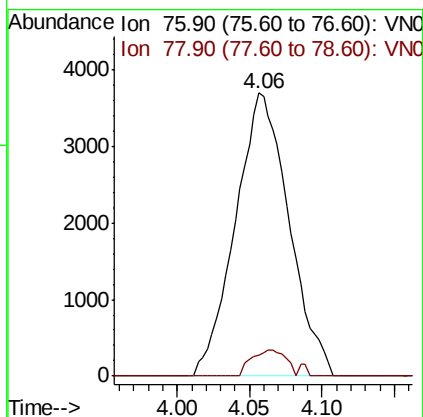
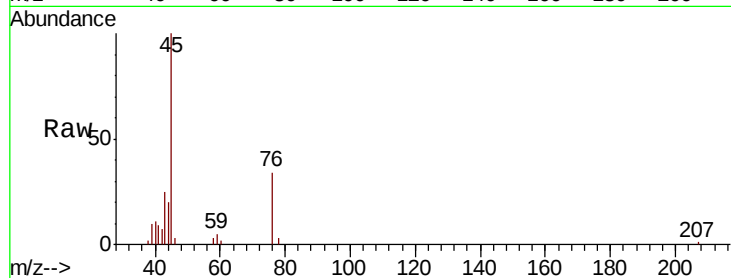




#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

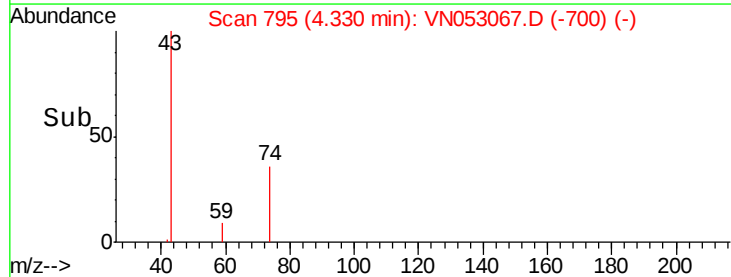
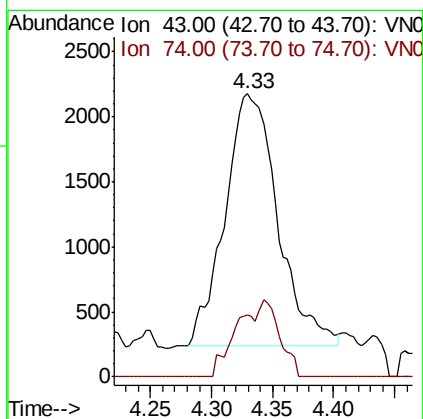
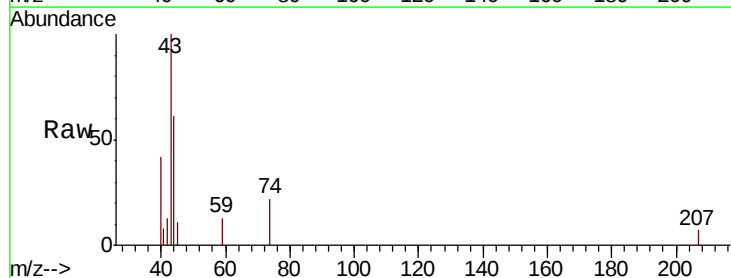
Instrument :
MSVOA_N
ClientSampleId :

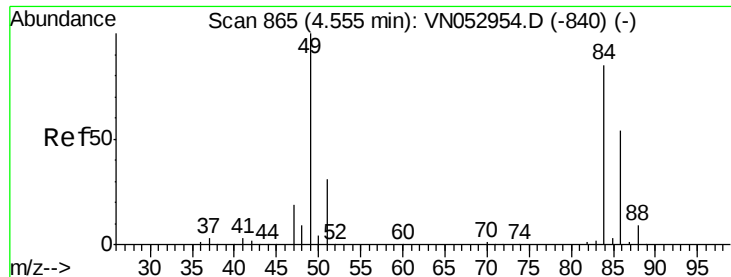
Tot Ion: 76 Resp: 9485
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#18
Methyl Acetate
Concen: 1.471 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 5844
Ion Ratio Lower Upper
43 100
74 12.2 19.2 28.8#

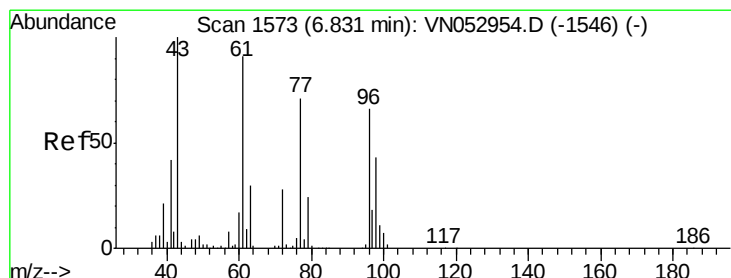
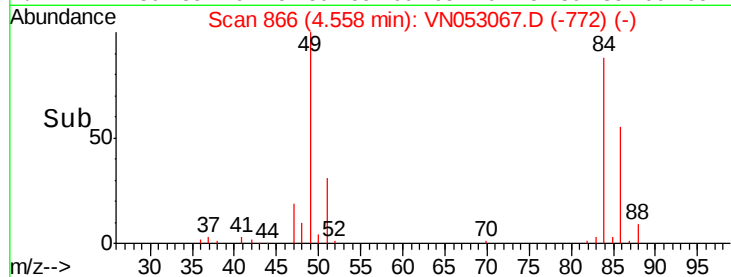
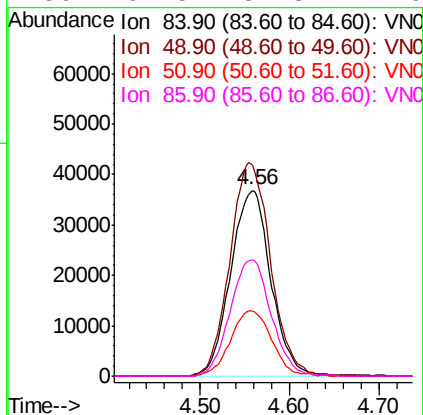
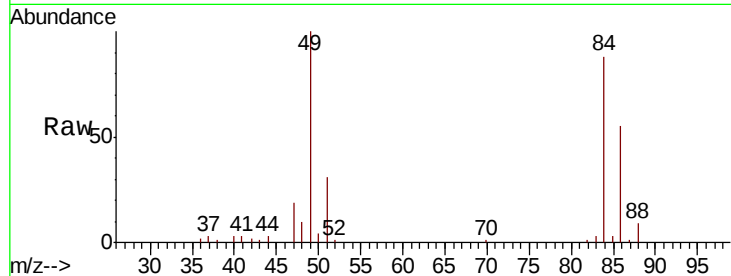




#20
Methvlene Chloride
Concen: 8.006 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

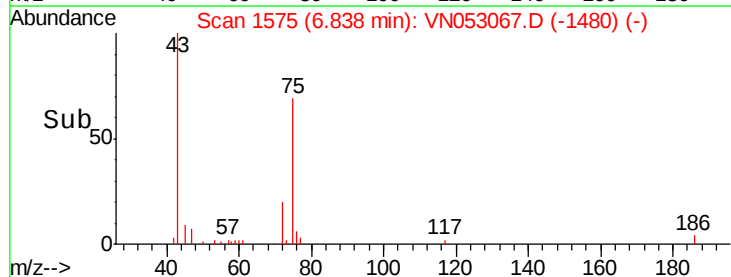
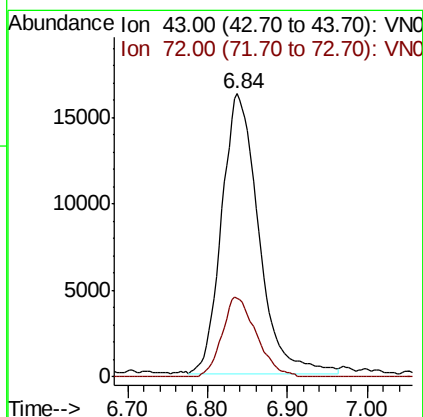
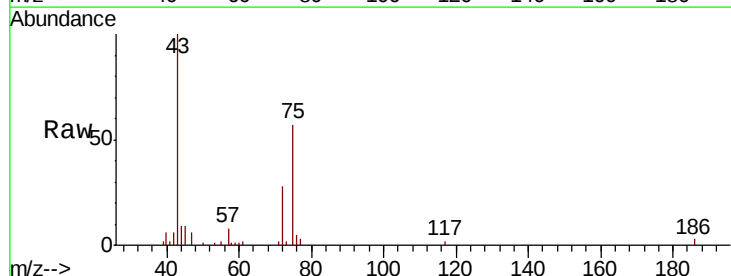
Instrument :
MSVOA_N
ClientSampleId :

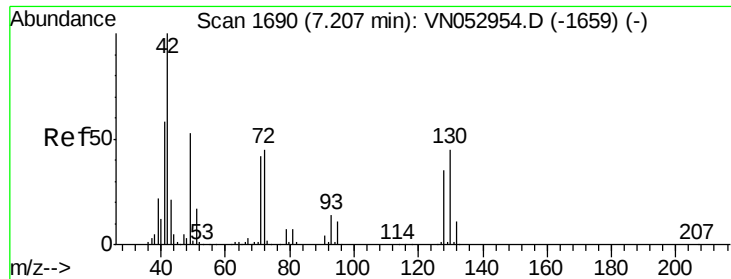
Tot Ion: 84 Resp: 115003
Ion Ratio Lower Upper
84 100
49 113.6 96.8 145.2
51 35.5 29.9 44.9
86 62.5 51.8 77.6



#25
2-Butanone
Concen: 11.586 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 51199
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6

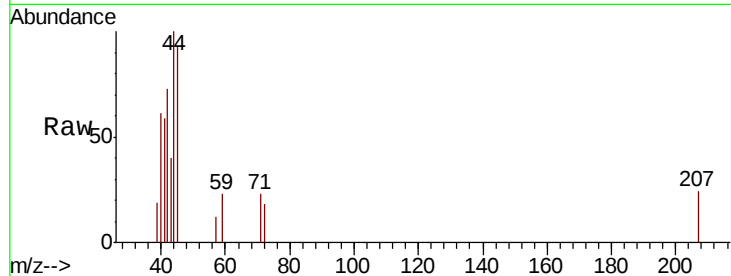




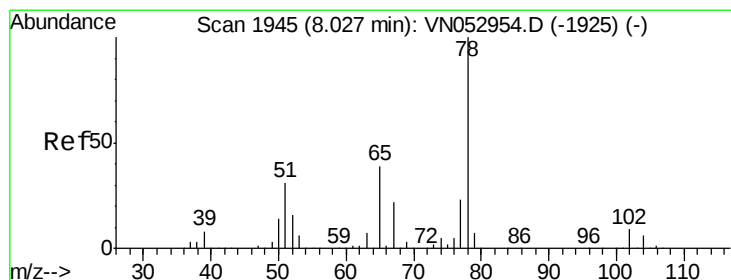
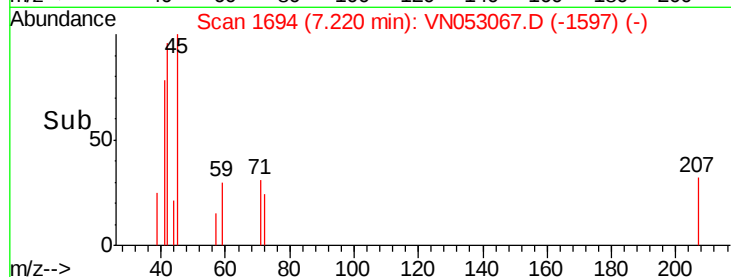
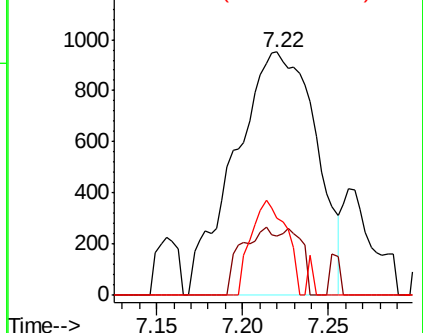
#29
Tetrahydrofuran
Concen: 0.947 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 3125
Ion Ratio Lower Upper
42 100
72 12.1 34.7 52.1#
71 16.8 32.3 48.5#

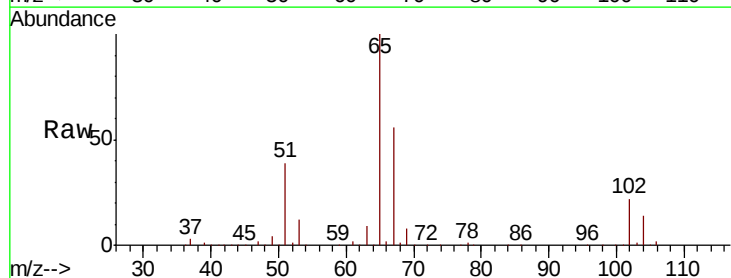


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

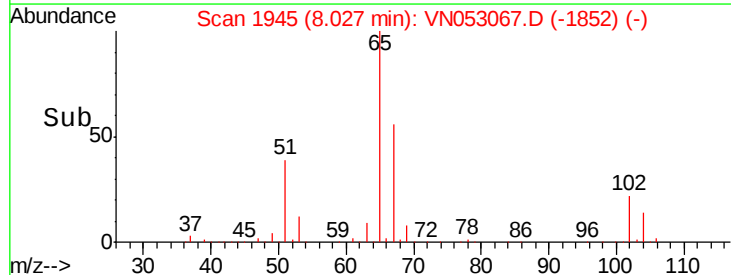
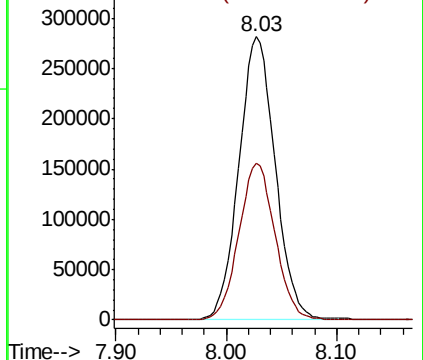


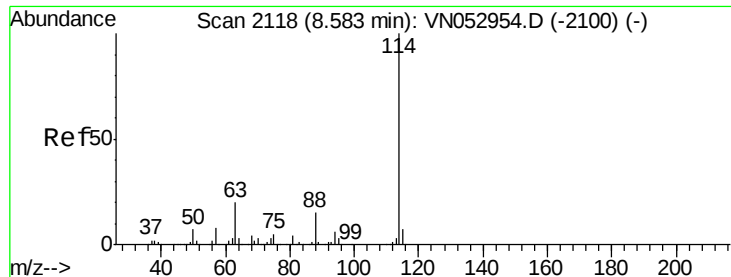
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 65 Resp: 641587
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

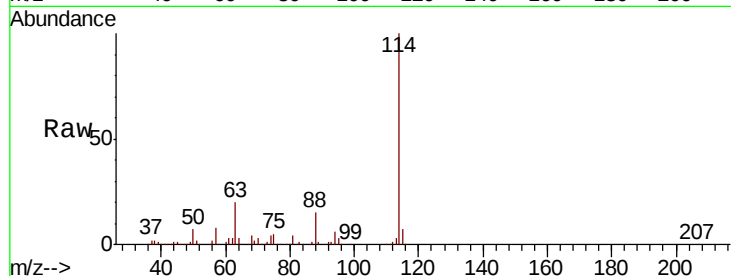




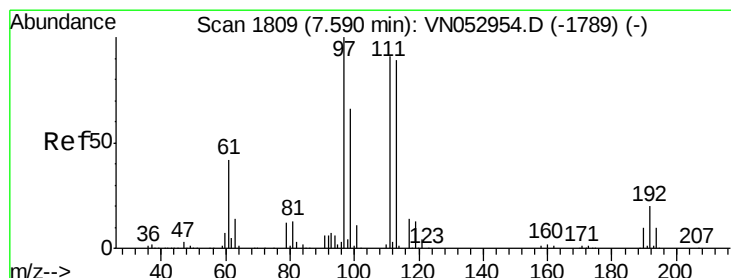
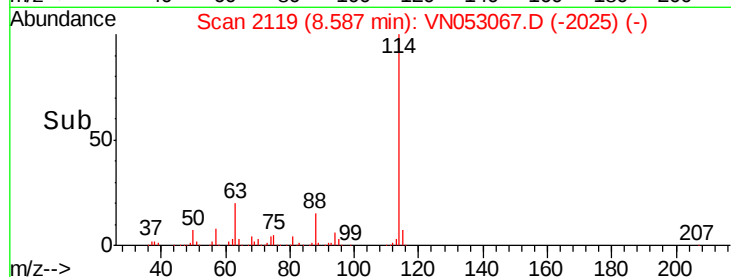
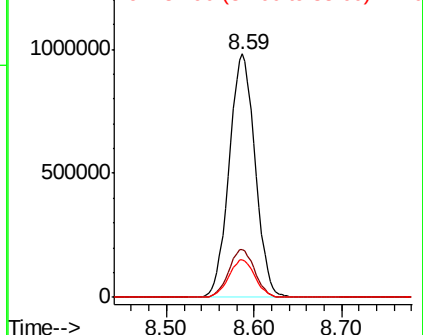
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2018218
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.5 0.0 31.0

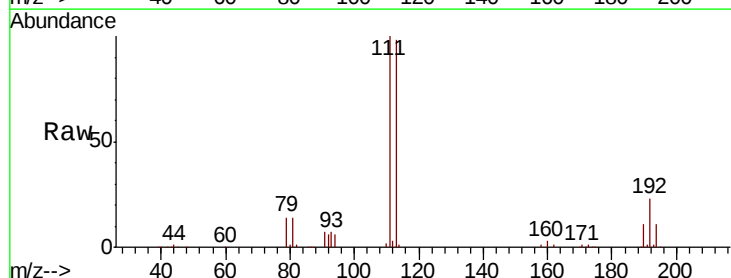


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

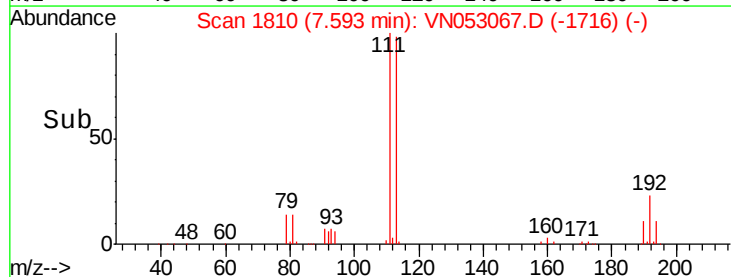
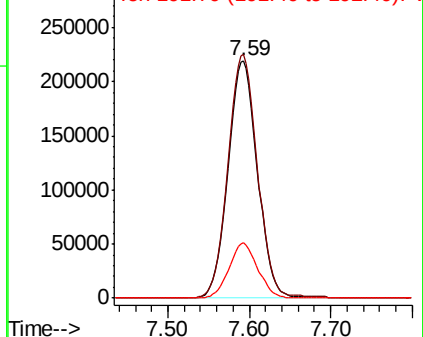


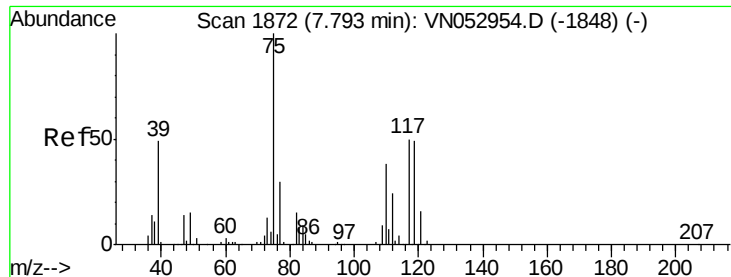
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Tgt Ion:113 Resp: 553040
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.4
 192 22.7 17.5 26.3



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

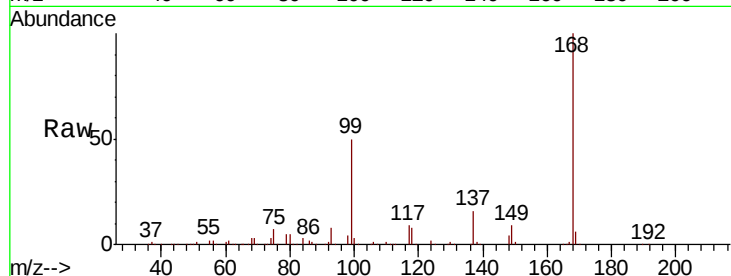




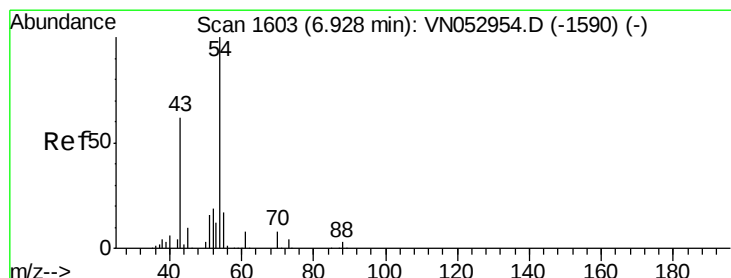
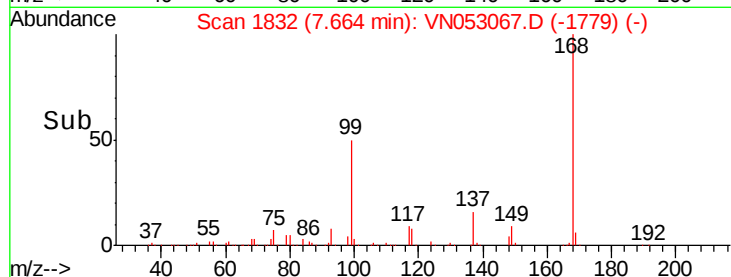
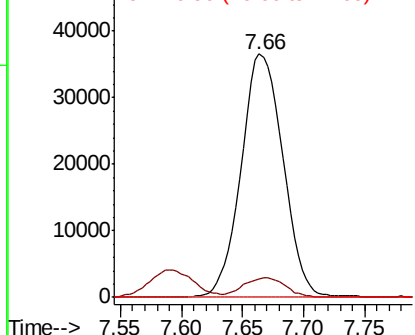
#36
 1,1-Dichloropropene
 Concen: 4.480 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 86790
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.2 54.6#
 77 0.0 24.9 37.3#

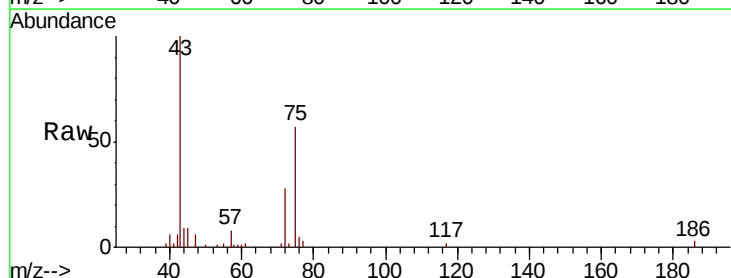


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

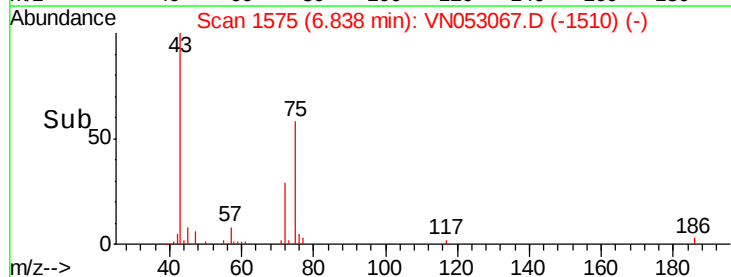
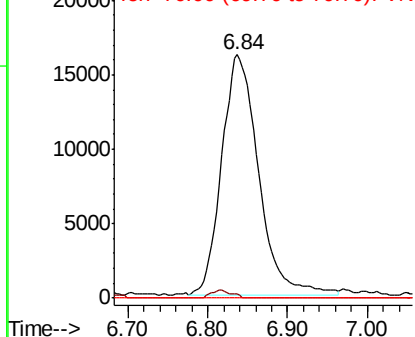


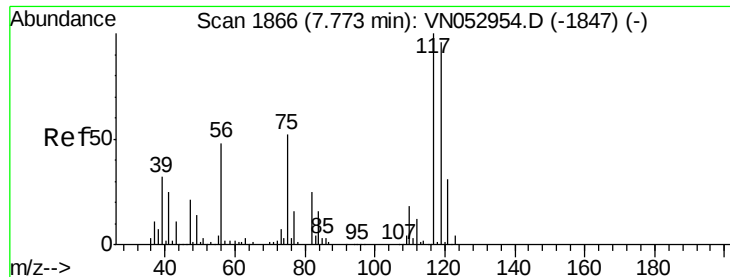
#37
 Ethyl Acetate
 Concen: 4.734 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.09 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 51199
 Ion Ratio Lower Upper
 43 100
 61 1.8 11.8 17.6#
 70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.404 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

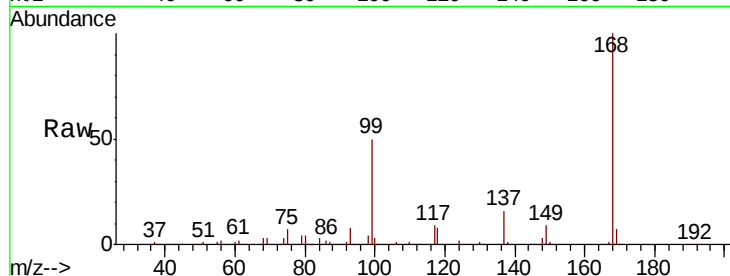
Tot Ion:117 Resp: 113707

Ion Ratio Lower Upper

117 100

119 5.0 77.1 115.7#

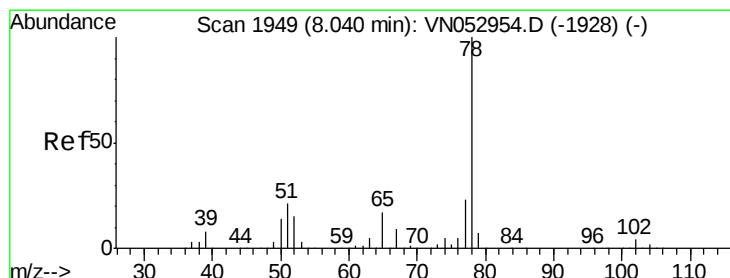
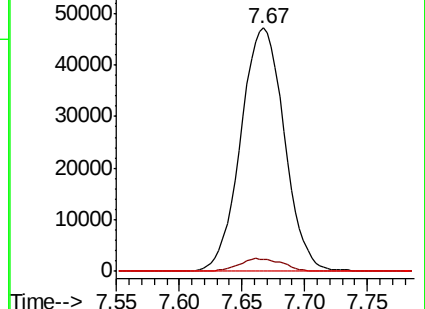
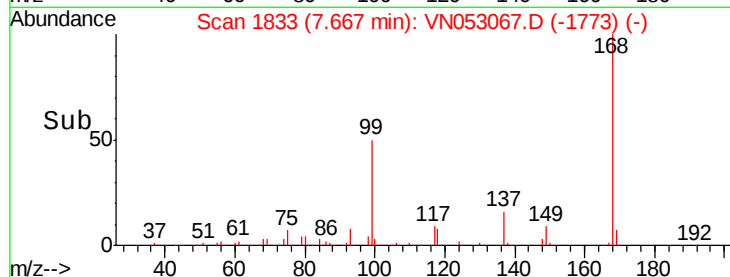
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.219 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053067.D

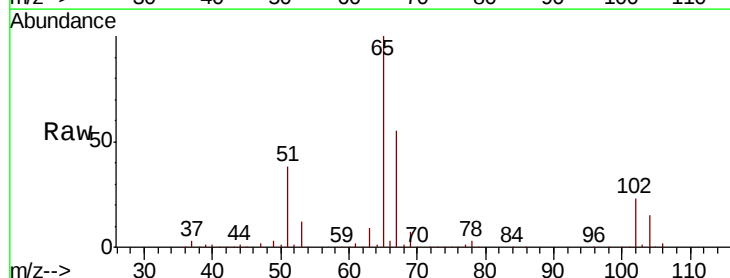
Acq: 20 Dec 2018 19:55

Tgt Ion: 78 Resp: 12630

Ion Ratio Lower Upper

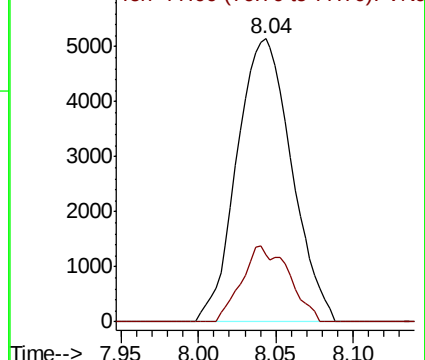
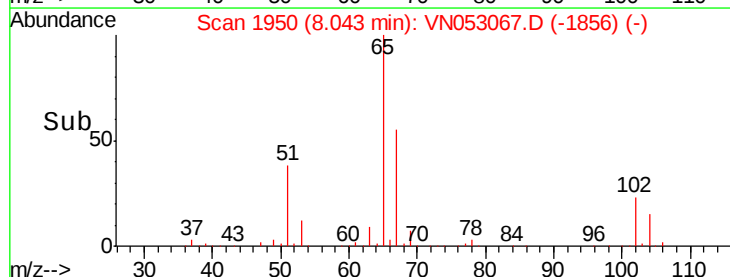
78 100

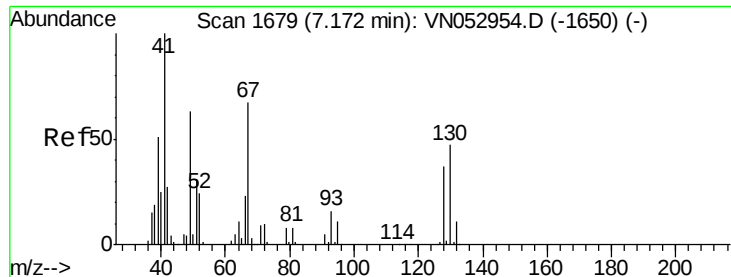
77 23.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V

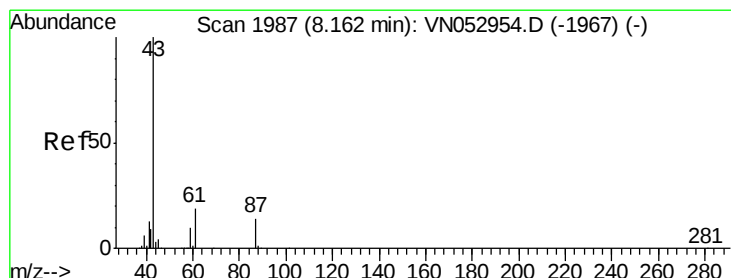
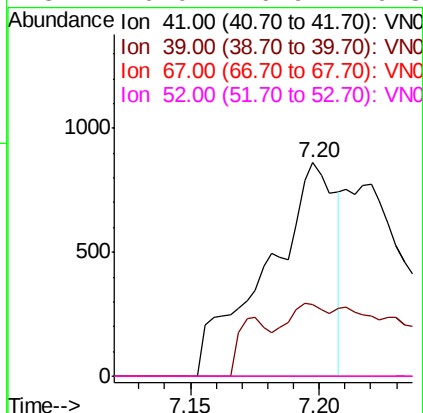
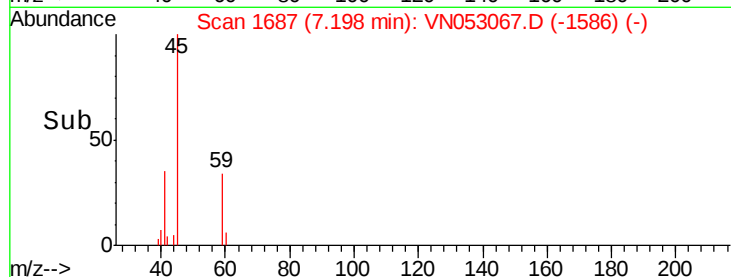
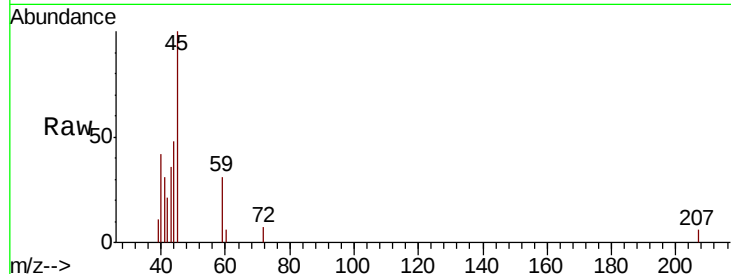




#41
Methacrylonitrile
Concen: 0.256 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

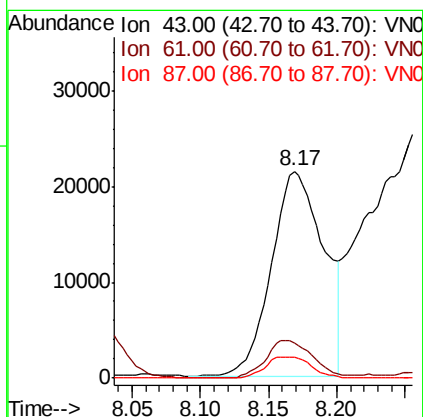
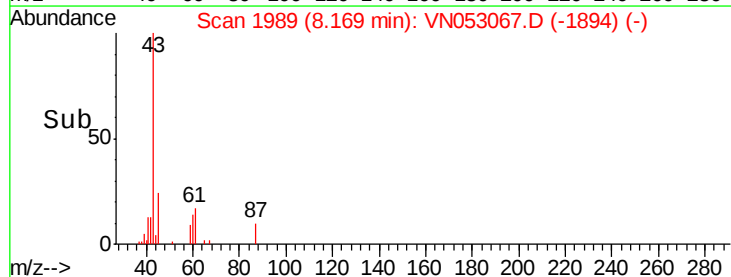
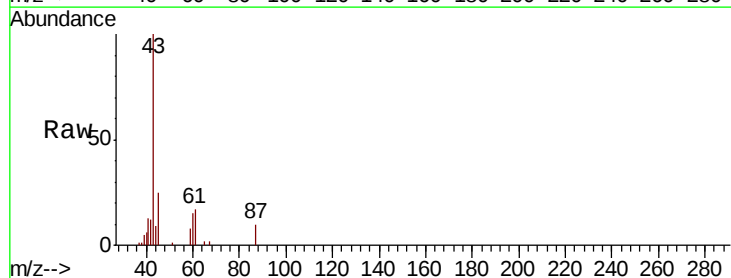
Instrument :
MSVOA_N
ClientSampled :

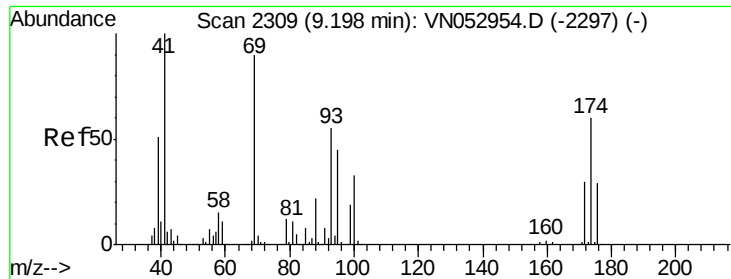
Tot Ion	Ratio	Lower	Upper
41	100		
39	9.1	48.0	72.0#
67	0.0	70.3	105.5#
52	0.0	26.9	40.3#



#43
Isopropyl Acetate
Concen: 1.725 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	22.9	34.3#
87	9.0	10.6	15.8#

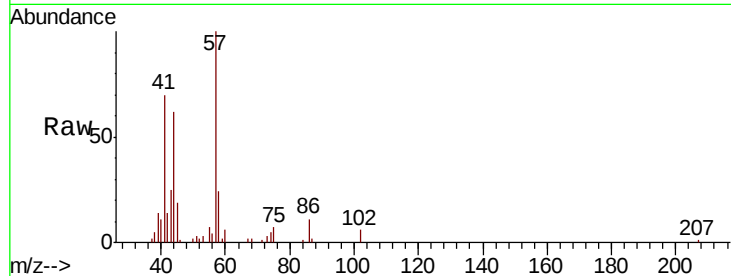




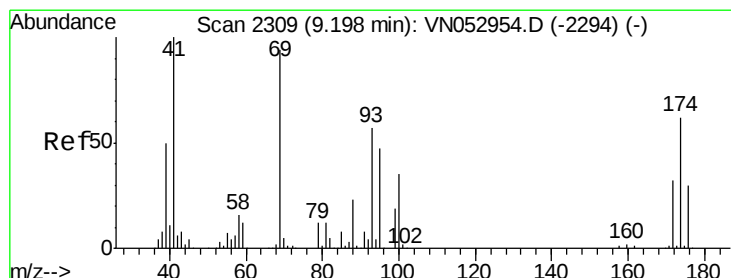
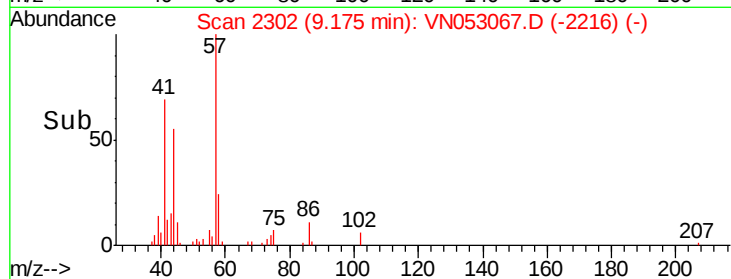
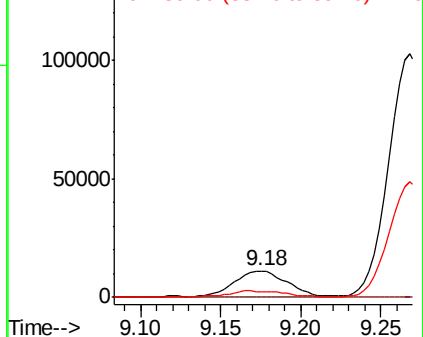
#48
Methvl methacrylate
Concen: 2.260 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 23714
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 25.1 41.9 62.9#

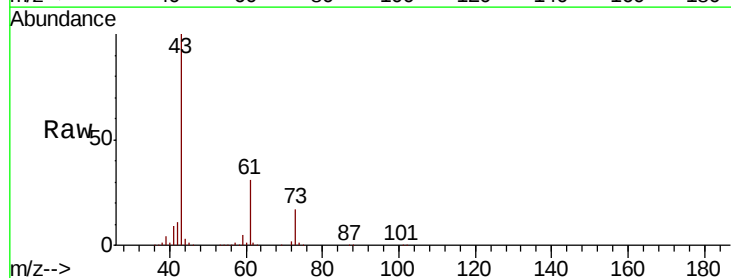


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

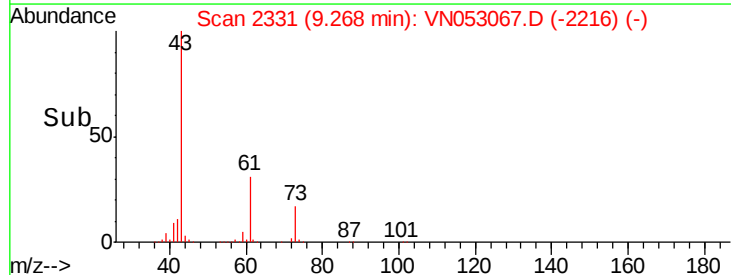
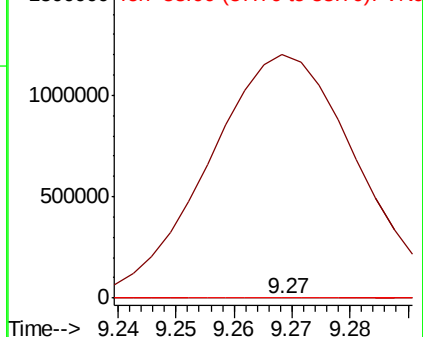


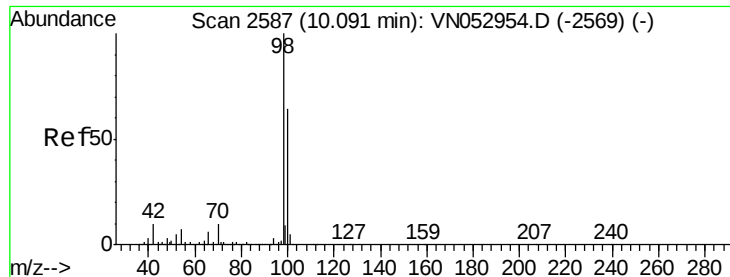
#49
1,4-Dioxane
Concen: 1.326 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
43 1247306.8 26.6 40.0#
58 5518.2 58.4 87.6#



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





#50

Toluene-d8

Concen: 1.326 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

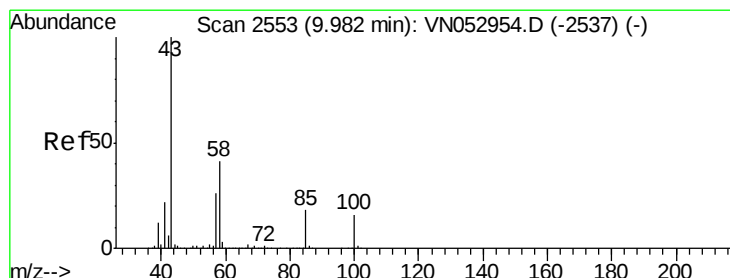
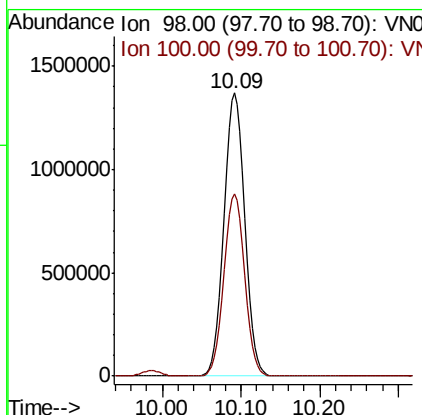
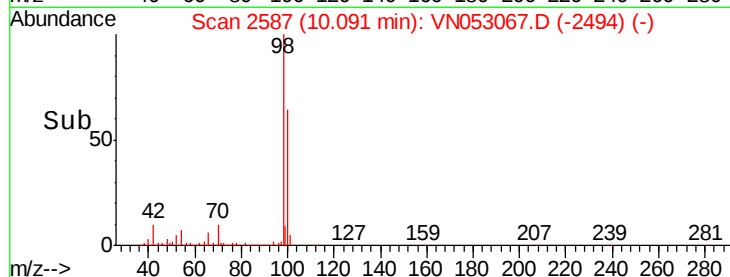
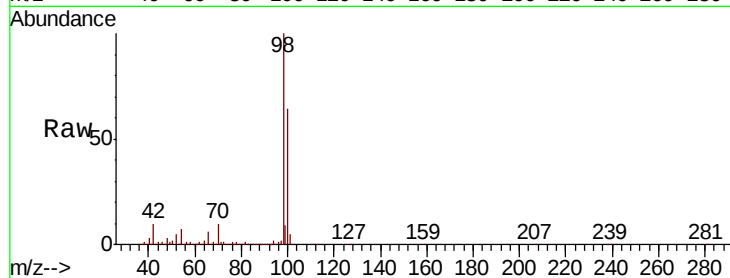
ClientSampled :

Tot Ion: 98 Resp: 2498973

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 31.210 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053067.D

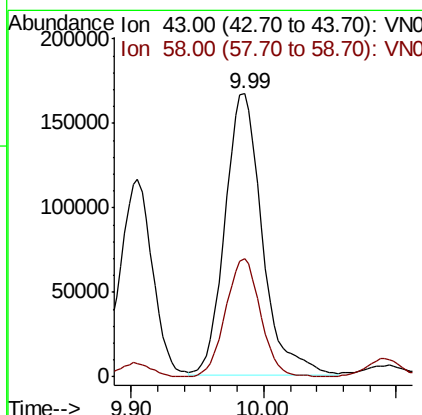
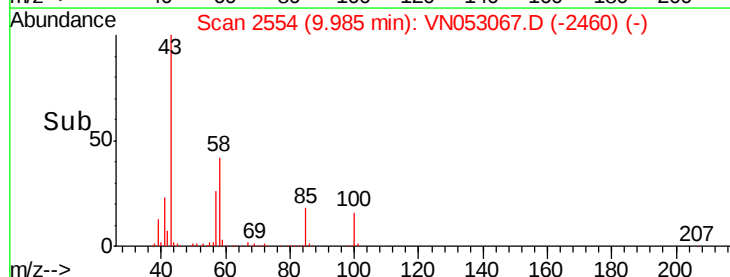
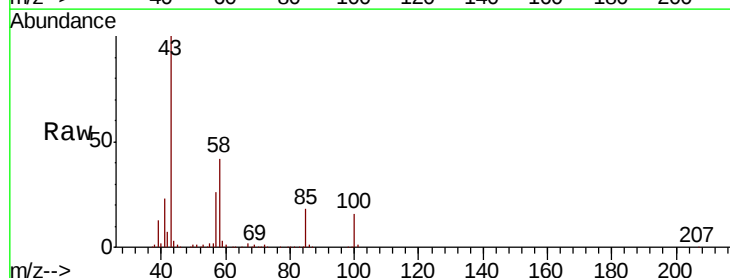
Acq: 20 Dec 2018 19:55

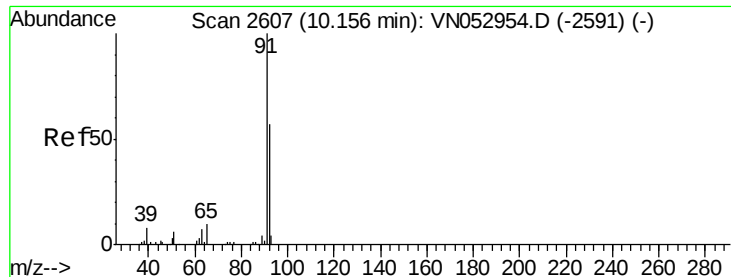
Tgt Ion: 43 Resp: 326851

Ion Ratio Lower Upper

43 100

58 39.3 32.2 48.4





#52

Toluene

Concen: 0.940 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

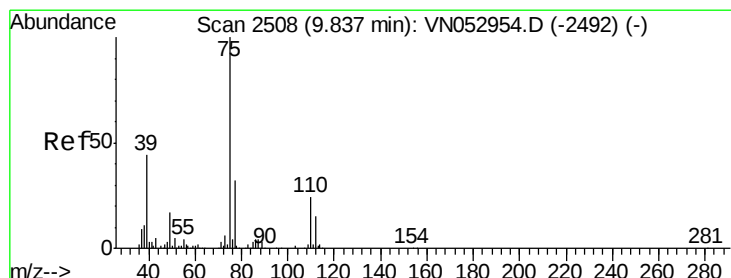
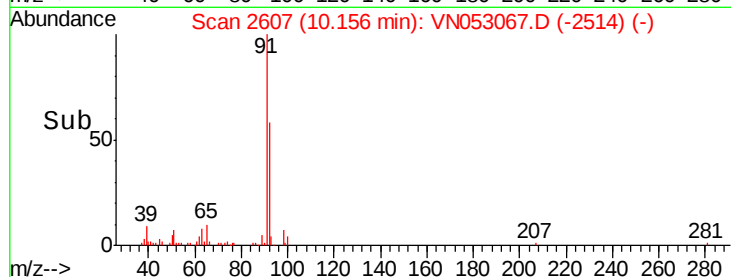
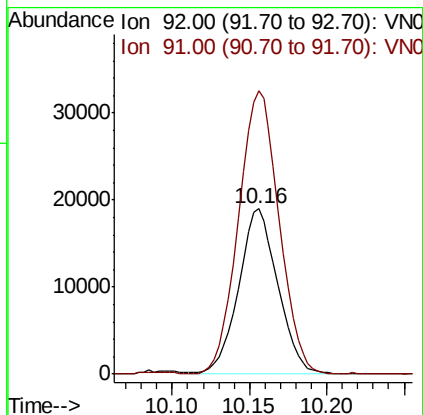
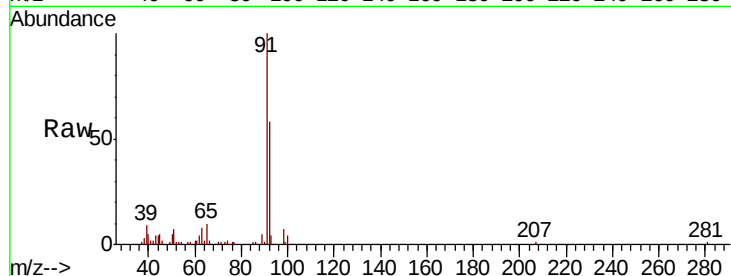
ClientSampleId :

Tot Ion: 92 Resp: 33558

Ion Ratio Lower Upper

92 100

91 176.5 139.8 209.6



#54

cis-1,3-Dichloropropene

Concen: 4.724 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

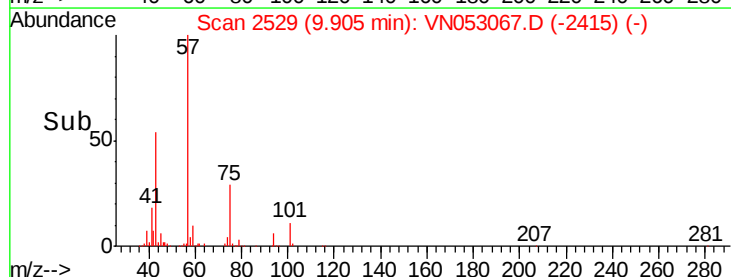
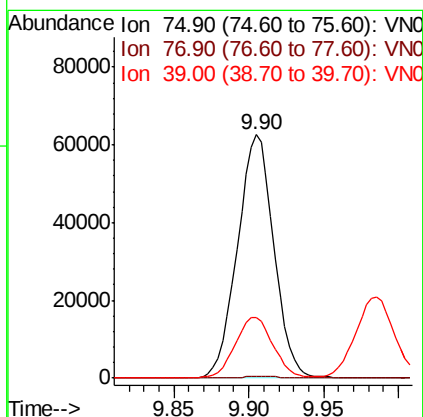
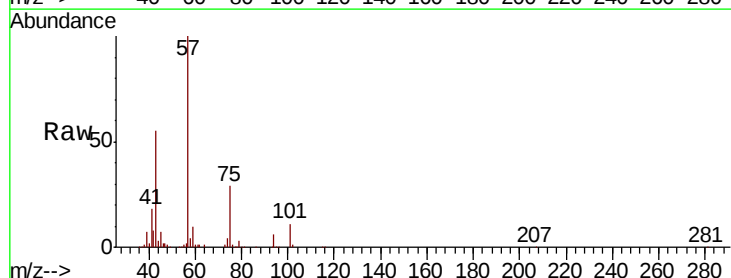
Tgt Ion: 75 Resp: 105960

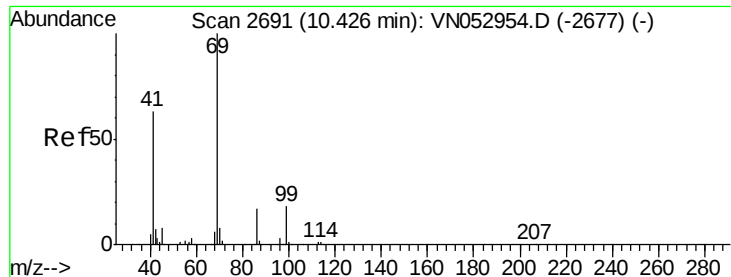
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.8#

39 25.1 34.8 52.2#





#56

Ethyl methacrylate

Concen: 1.102 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.07 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

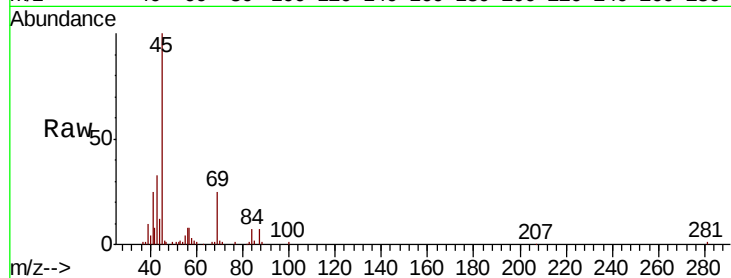
Tot Ion: 69 Resp: 18176

Ion Ratio Lower Upper

69 100

41 85.7 51.7 77.5#

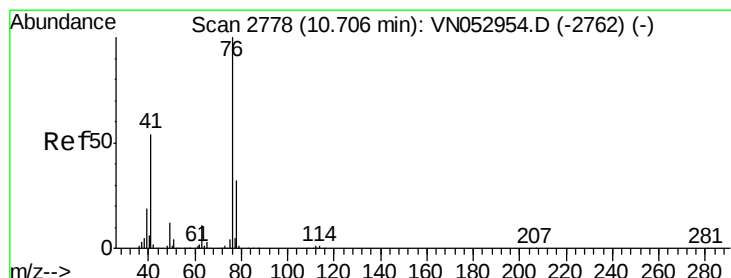
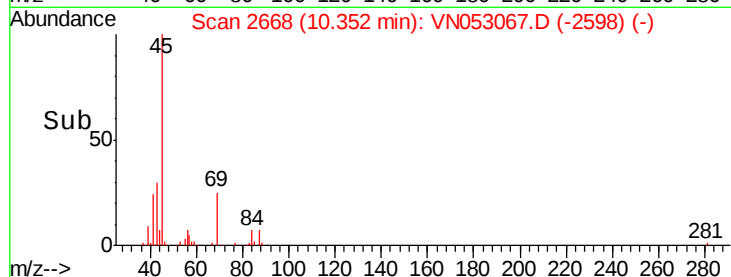
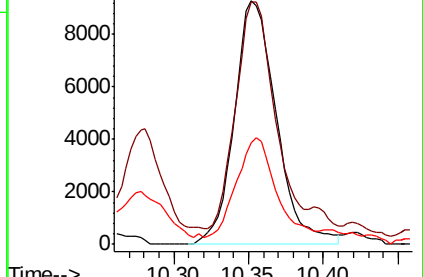
39 38.4 24.6 37.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.975 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053067.D

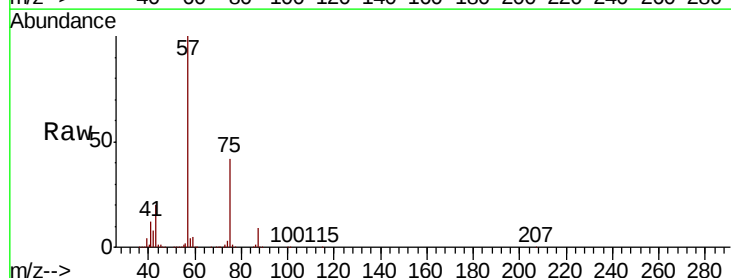
Acq: 20 Dec 2018 19:55

Tgt Ion: 76 Resp: 20827

Ion Ratio Lower Upper

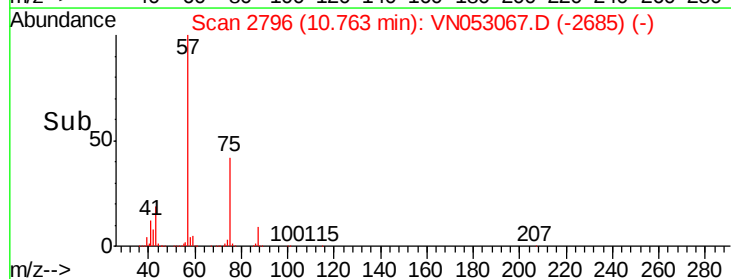
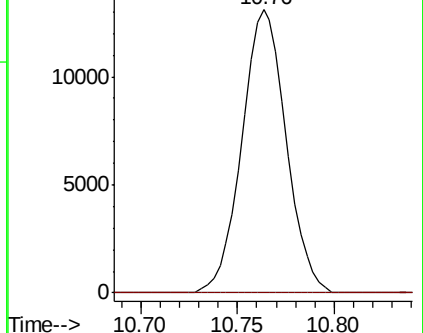
76 100

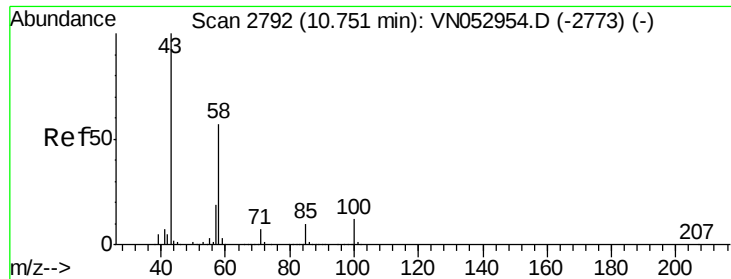
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

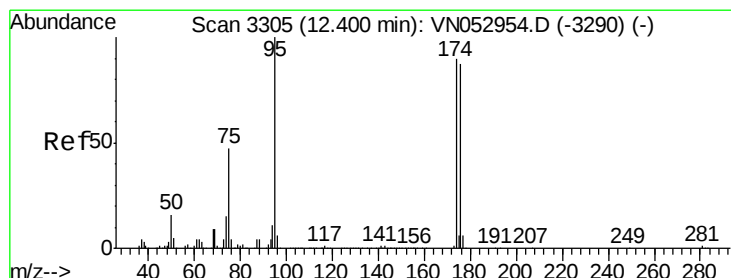
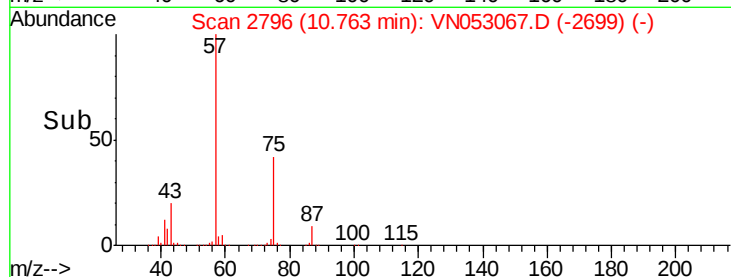
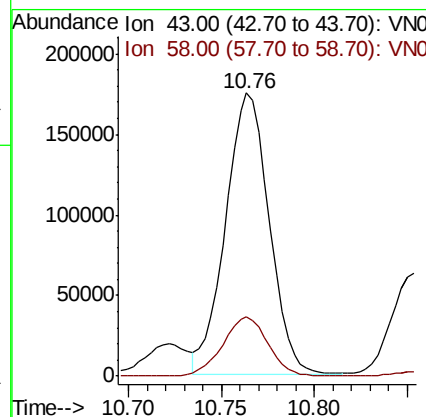
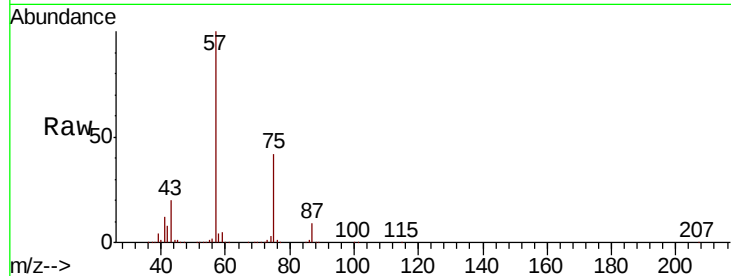




#59
2-Hexanone
Concen: 40.370 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

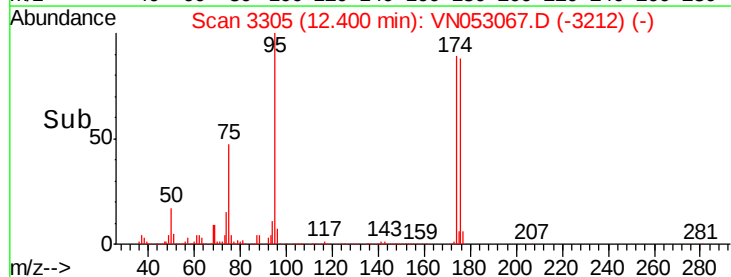
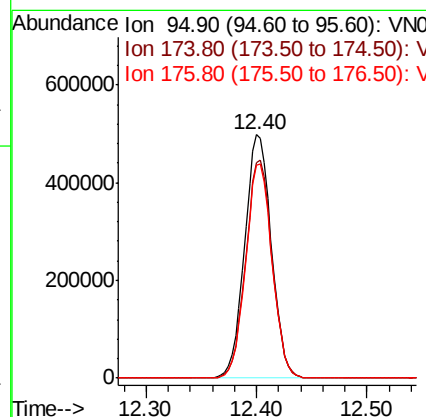
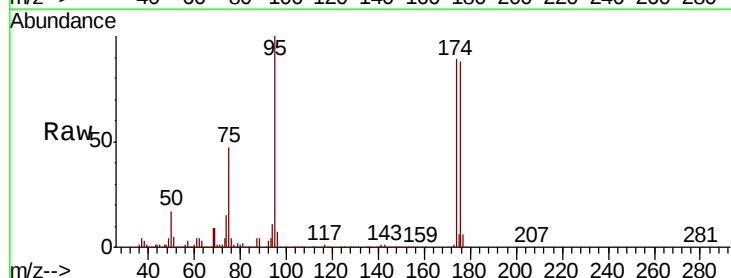
Instrument :
MSVOA_N
ClientSampleId :

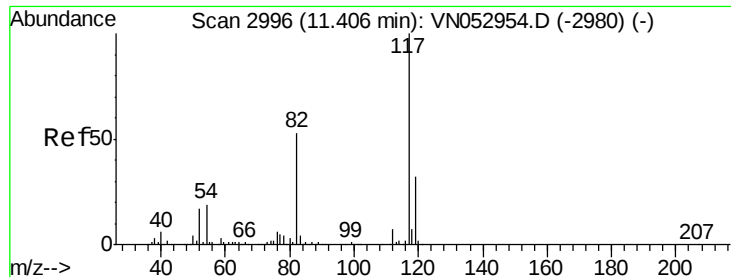
Tot Ion: 43 Resp: 286046
Ion Ratio Lower Upper
43 100
58 21.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 95 Resp: 830081
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.8
176 87.3 0.0 173.8

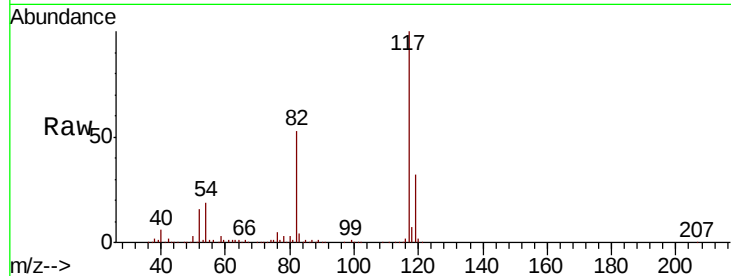




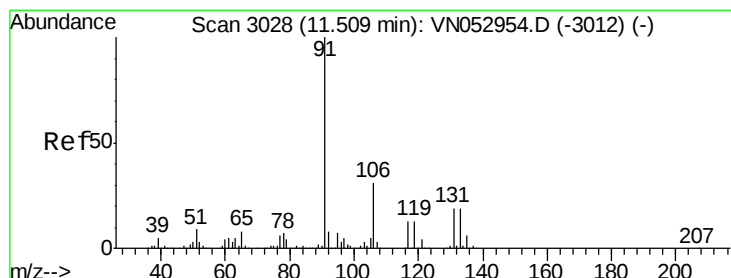
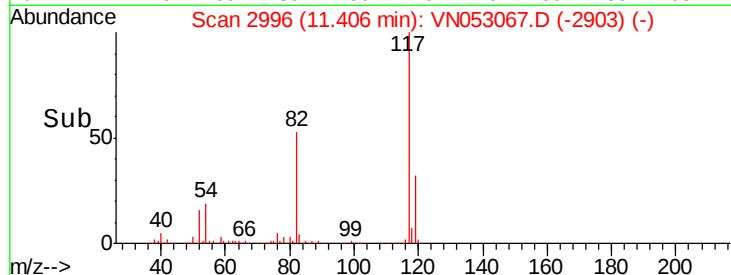
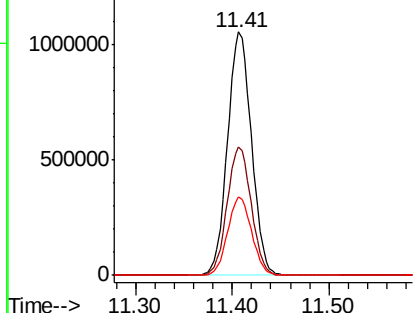
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1815907
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.0 25.5 38.3

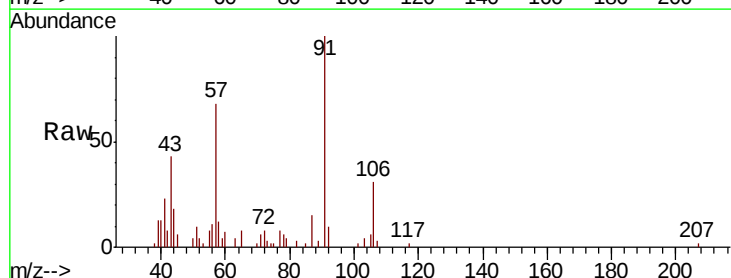


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

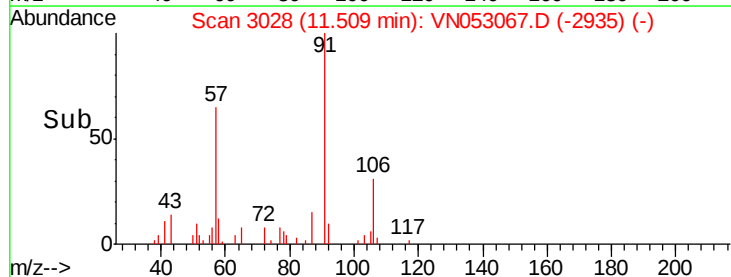
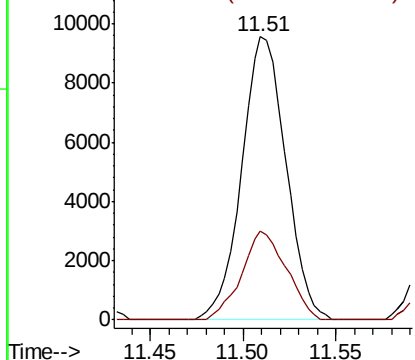


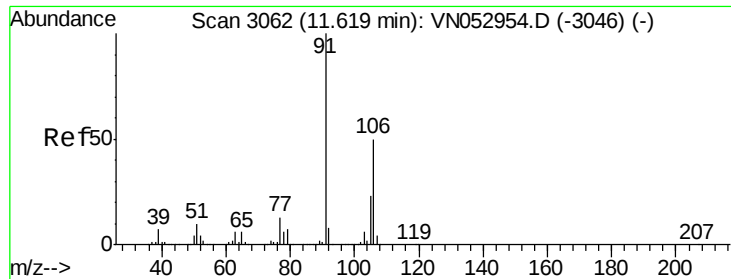
#67
Ethyl Benzene
Concen: 0.228 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 91 Resp: 15809
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



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

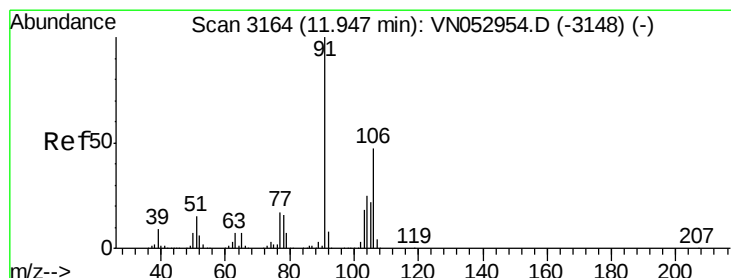
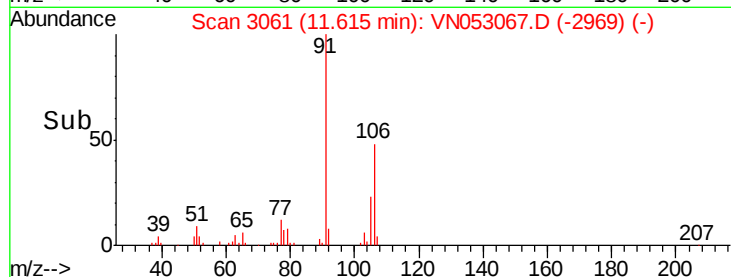
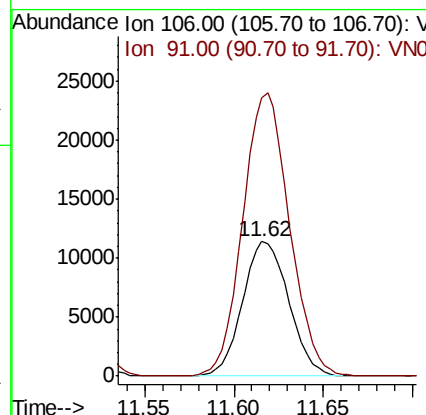
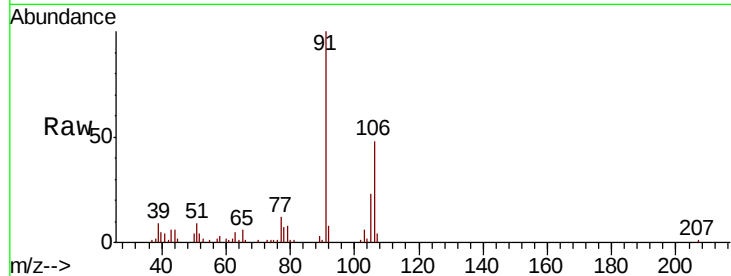




#68
m/p-Xylenes
Concen: 0.786 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

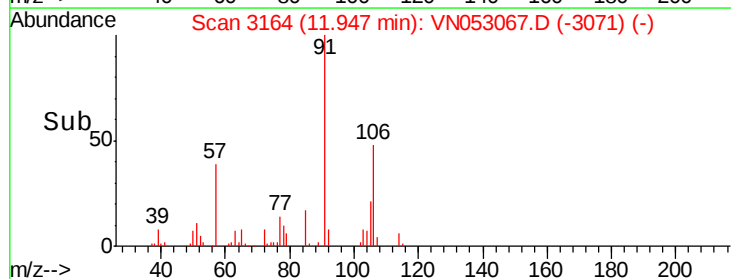
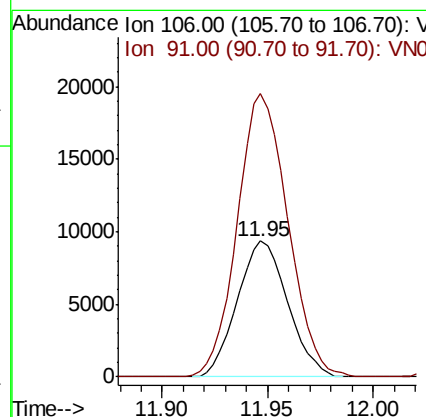
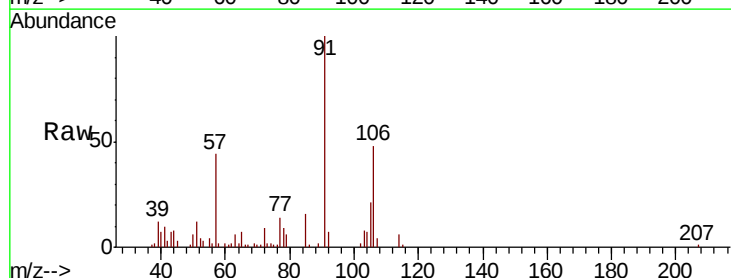
Instrument :
MSVOA_N
ClientSampleId :

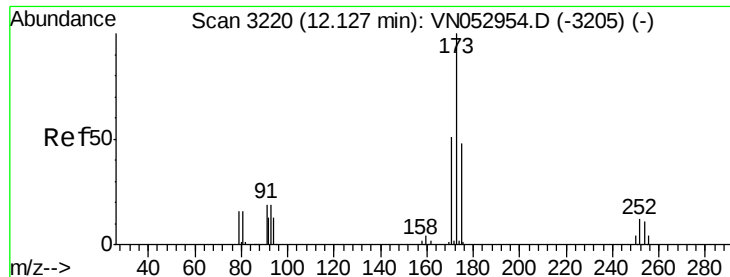
Tot Ion:106 Resp: 20679
Ion Ratio Lower Upper
106 100
91 212.6 162.2 243.4



#69
o-Xylene
Concen: 0.614 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion:106 Resp: 15513
Ion Ratio Lower Upper
106 100
91 209.8 106.6 319.8





#71

Bromoform

Concen: 0.503 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

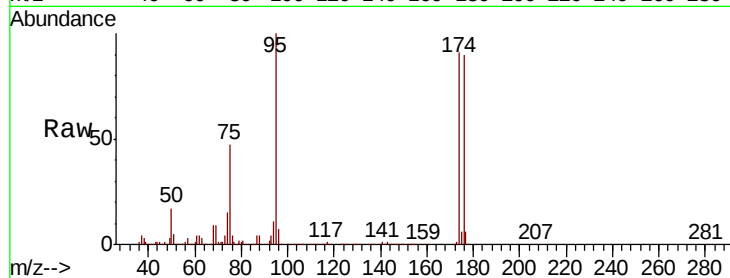
Tot Ion:173 Resp: 5084

Ion Ratio Lower Upper

173 100

175 931.3 24.3 72.9#

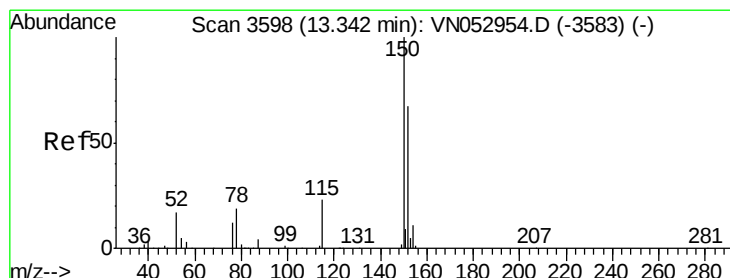
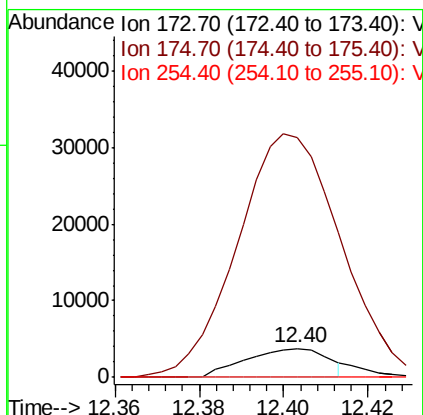
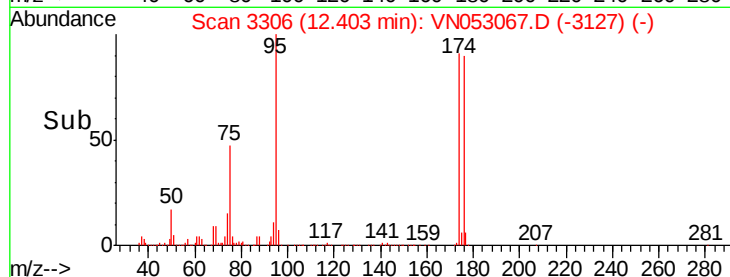
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

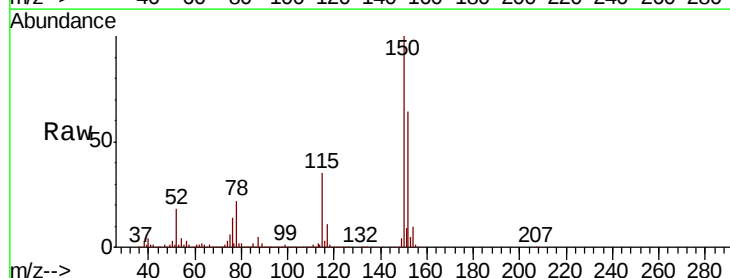
Tgt Ion:152 Resp: 760823

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

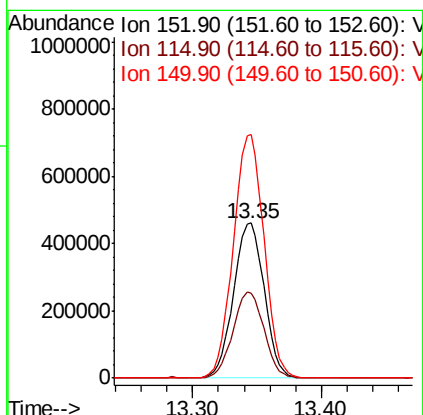
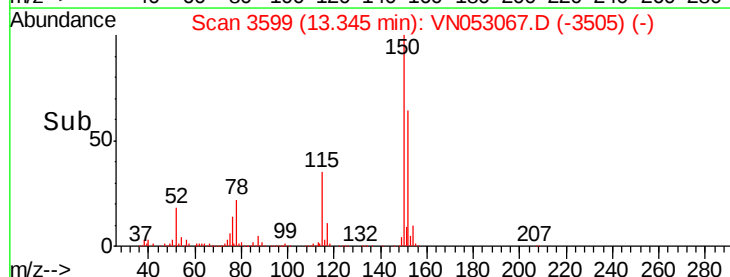
150 157.3 0.0 347.8

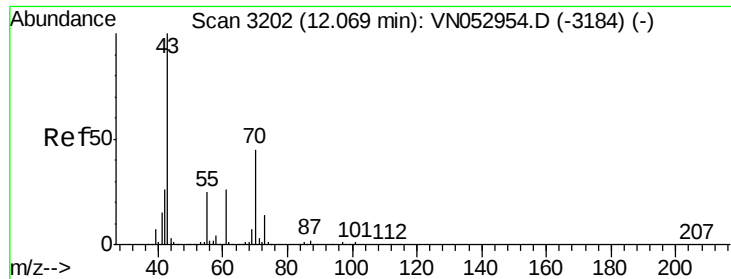


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 3.549 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 58660

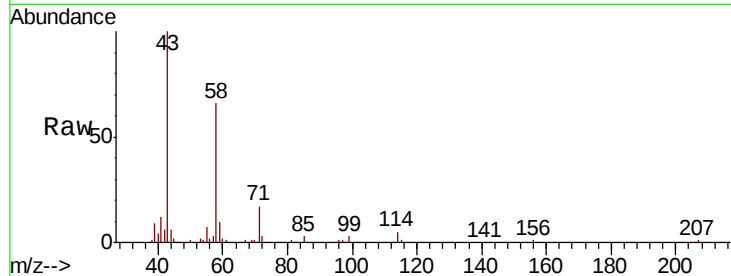
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 8.3 20.3 30.5#

61 0.2 20.0 30.0#

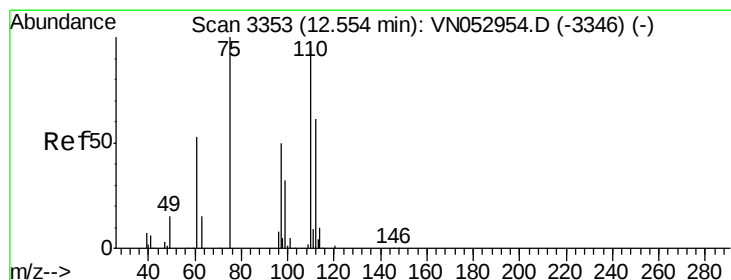
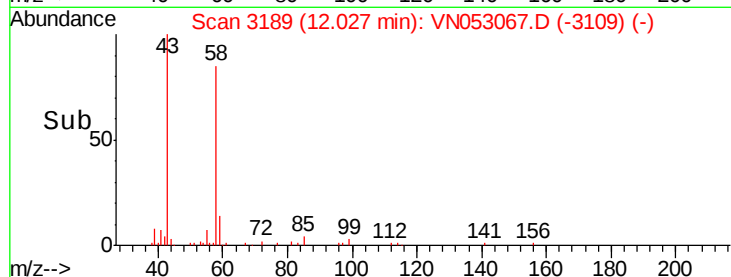
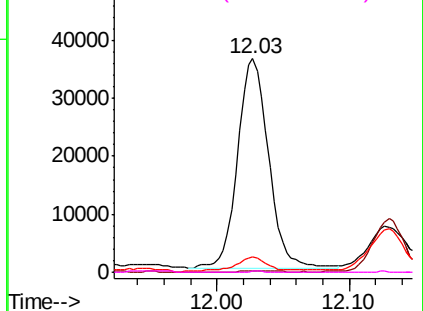


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 30.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053067.D

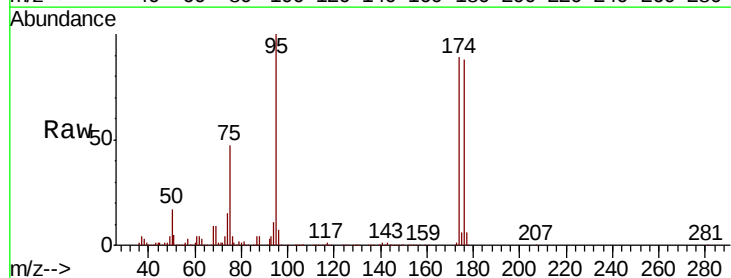
Acq: 20 Dec 2018 19:55

Tgt Ion: 75 Resp: 386120

Ion Ratio Lower Upper

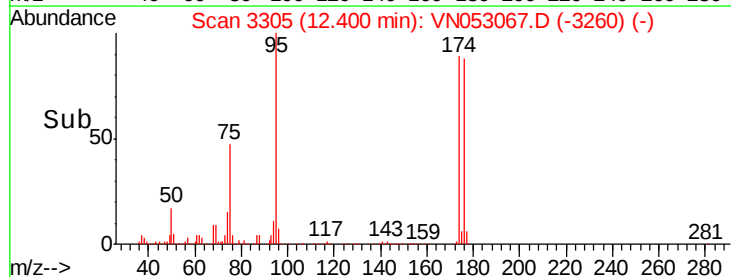
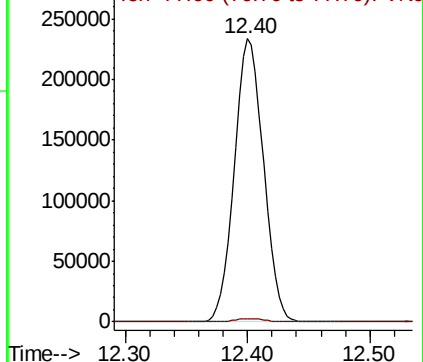
75 100

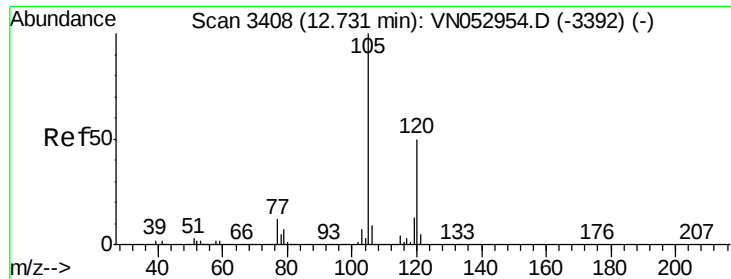
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.426 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

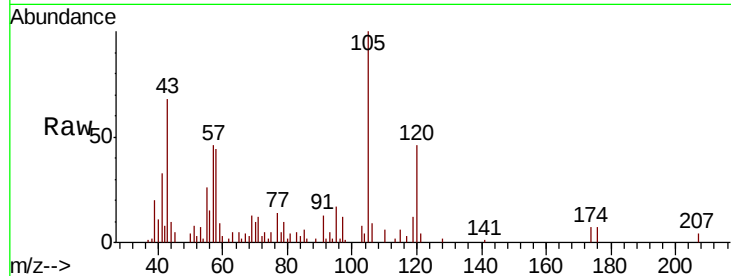
ClientSampleId :

Tot Ion:105 Resp: 20660

Ion Ratio Lower Upper

105 100

120 47.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

15000

10000

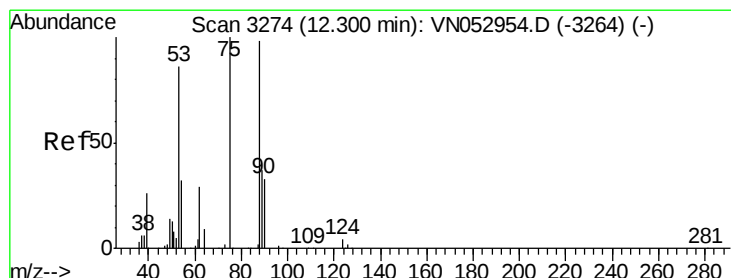
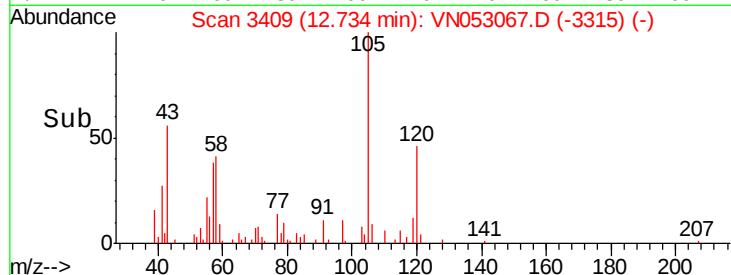
5000

0

Time-->

12.70

12.75



#81

trans-1,4-Dichloro-2-butene

Concen: 97.169 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

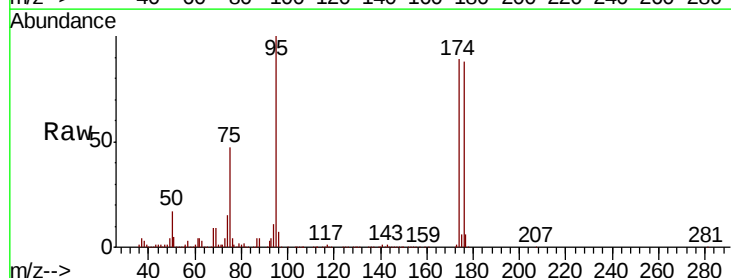
Tgt Ion: 75 Resp: 386120

Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

300000

250000

200000

150000

100000

50000

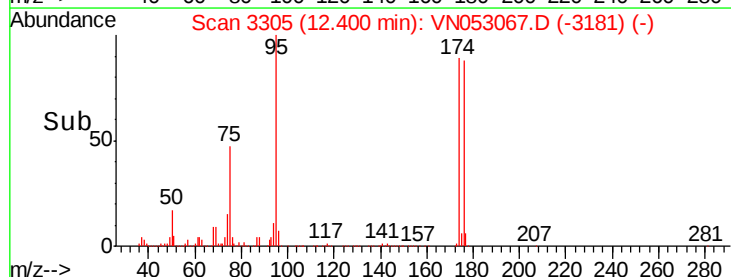
0

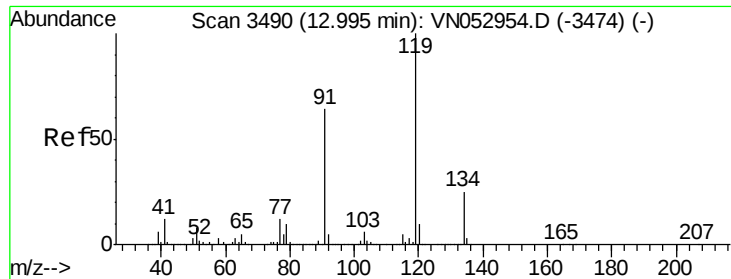
Time-->

12.30

12.40

12.50

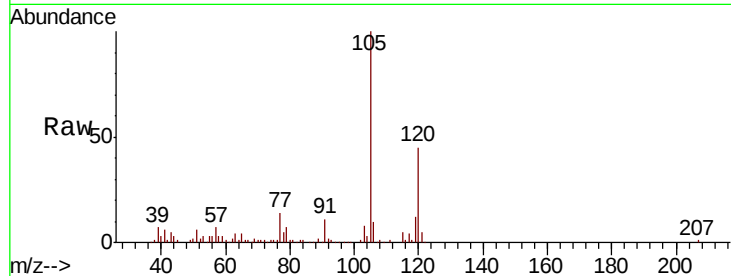




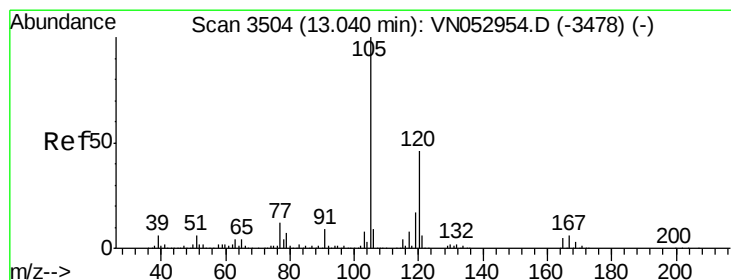
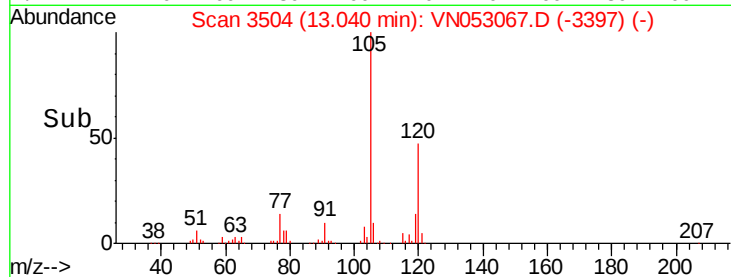
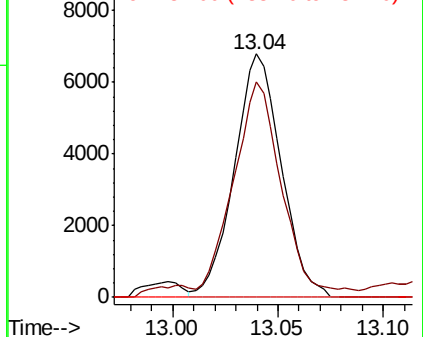
#83
 tert-Butylbenzene
 Concen: 0.244 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.04 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 10475
 Ion Ratio Lower Upper
 119 100
 91 83.5 31.9 95.5
 134 0.0 12.8 38.4#

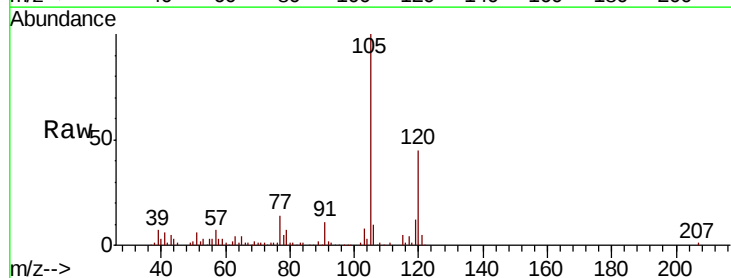


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

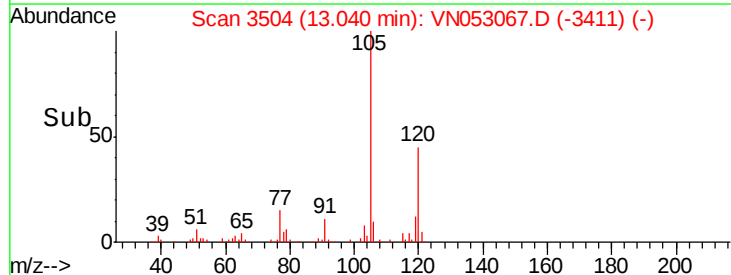
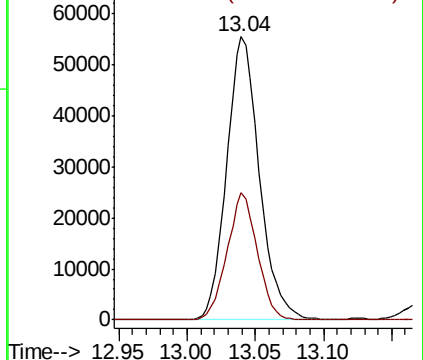


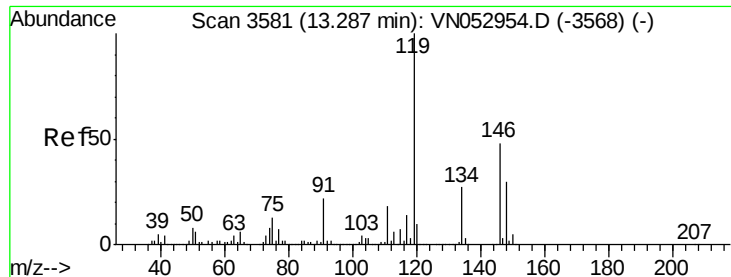
#84
 1,2,4-Trimethylbenzene
 Concen: 1.897 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Tgt Ion:105 Resp: 92536
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

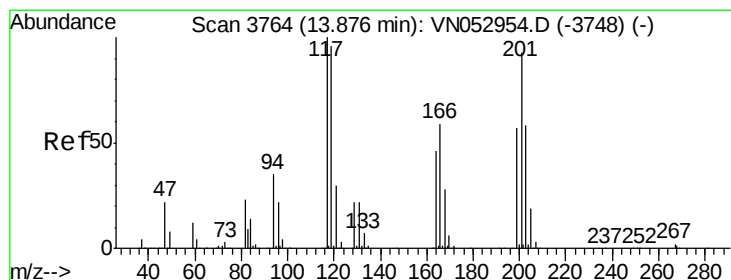
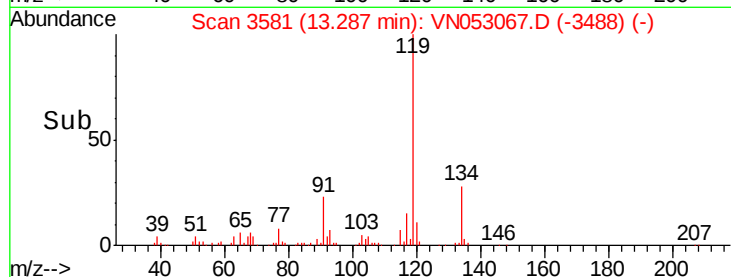
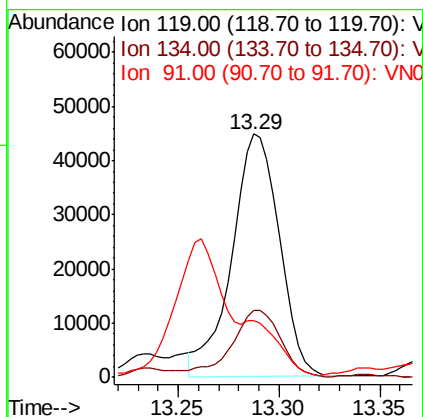
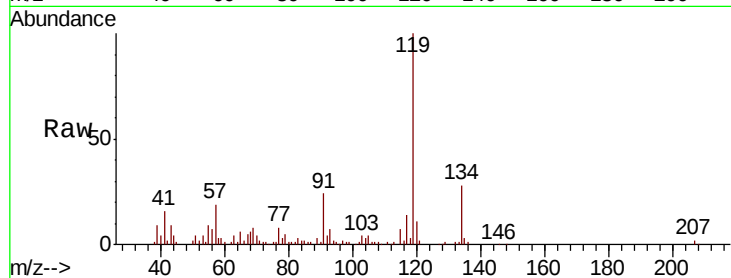




#86
 p-Isopropyltoluene
 Concen: 1.470 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

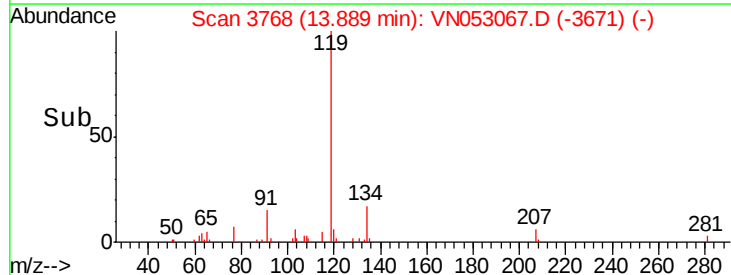
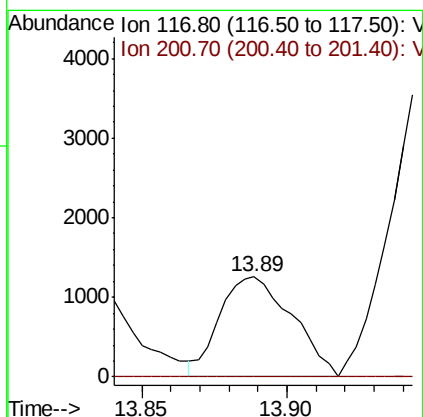
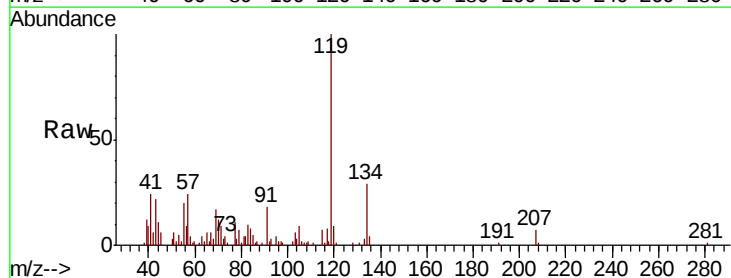
Instrument :
 MSVOA_N
 ClientSampled :

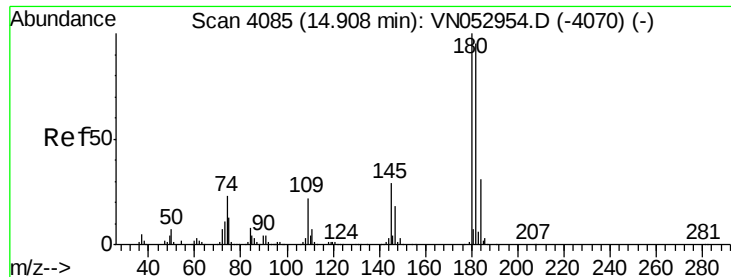
Tot Ion:119 Resp: 73745
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.4 40.2
 91 0.0 11.1 33.3#



#90
 Hexachloroethane
 Concen: 0.283 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.01 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Tgt Ion:117 Resp: 2181
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.7 137.1#

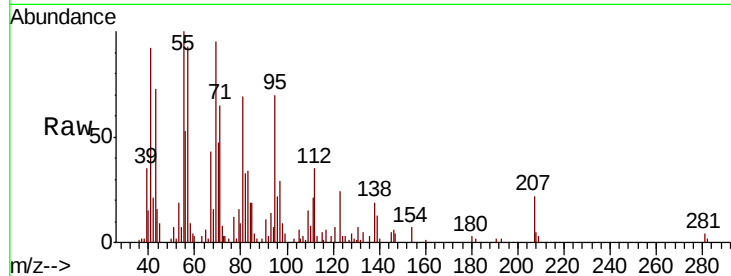




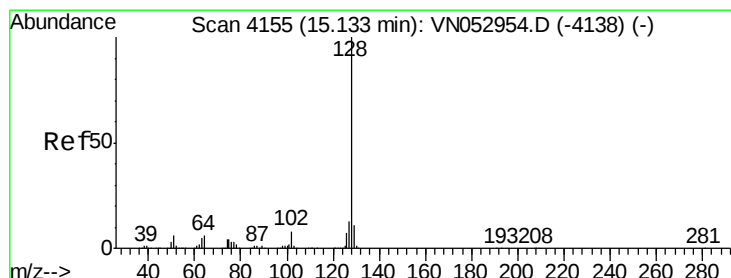
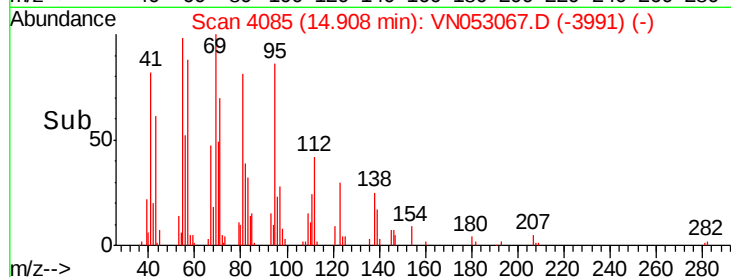
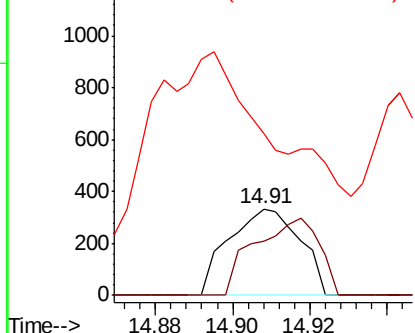
#93
 1,2,4-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	180	Resp	428
Ion Ratio	100		
Lower		47.8	143.3
Upper		14.2	42.6

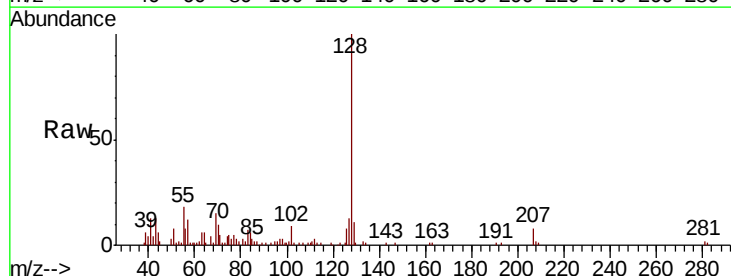


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

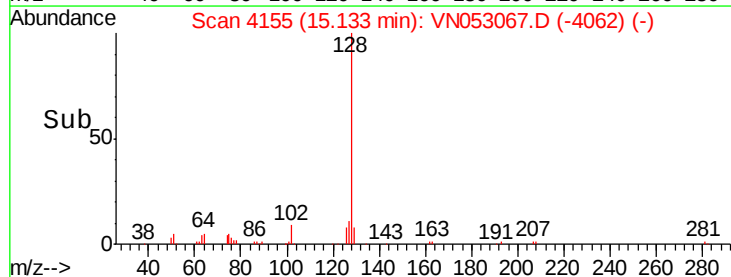
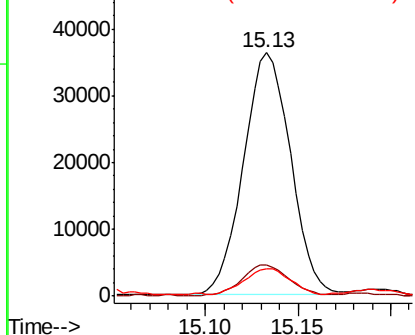


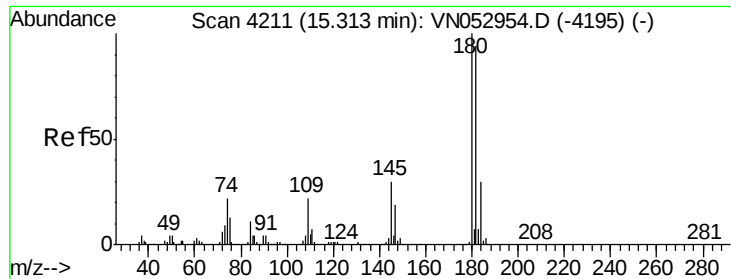
#95
 Naphthalene
 Concen: 3.236 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Tgt Ion	128	Resp	63955
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		10.2	15.4
Upper		8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

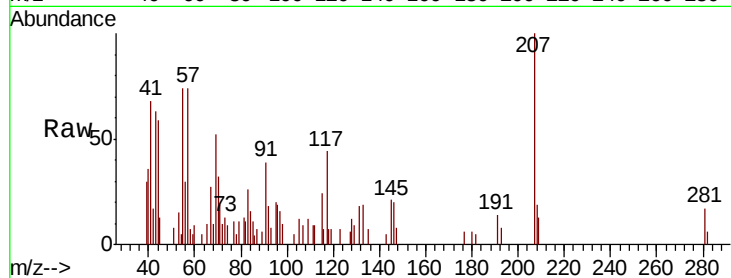




#96
 1,2,3-Trichlorobenzene
 Concen: 0.519 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN053067.D
 Acq: 20 Dec 2018 19:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 141
 Ion Ratio Lower Upper
 180 100
 182 115.6 47.9 143.7
 145 1213.5 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

