

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053540.D
 Acq On : 28 Jan 2019 12:47
 Operator : JC/SP
 Sample : K1256-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 50139

Quant Time: Jan 29 06:14:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1369166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1251249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	557723	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	434708	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	7.59	113	418963	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
50) Toluene-d8	10.09	98	1647656	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	578400	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3508	0.350	ug/l	98
11) Tert butyl alcohol	4.77	59	26285	62.320	ug/l #	72
13) Acrolein	3.62	56	1301	24.175	ug/l	83
14) Allyl chloride	4.32	41	15486	1.228	ug/l #	31
16) Acetone	3.82	43	124005	61.319	ug/l	100
18) Methyl Acetate	4.32	43	1186040	174.073	ug/l	100
25) 2-Butanone	6.83	43	60132	19.295	ug/l	98
31) Cyclohexane	7.66	56	13079	0.643	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	3631	0.291	ug/l #	41
37) Ethyl Acetate	6.93	43	36017	5.021	ug/l	98
38) Carbon Tetrachloride	7.67	117	71396	6.048	ug/l #	16
40) Benzene	8.04	78	68264	1.802	ug/l	98
41) Methacrylonitrile	7.19	41	250	0.725	ug/l #	38
43) Isopropyl Acetate	8.29	43	316454	24.532	ug/l #	51
48) Methyl methacrylate	9.17	41	15479	2.324	ug/l #	37
49) 1,4-Dioxane	9.20	88	2721	41.832	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	2584	0.367	ug/l #	72
52) Toluene	10.16	92	43157	1.835	ug/l	96
56) Ethyl methacrylate	10.35	69	589	2.107	ug/l #	64
66) 1,1,1,2-Tetrachloroethane	11.54	131	12951	1.406	ug/l #	8
67) Ethyl Benzene	11.51	91	12053	0.267	ug/l	100
68) m/p-Xylenes	11.62	106	21488	1.261	ug/l	96
69) o-Xylene	11.95	106	9899	0.598	ug/l	96
71) Bromoform	12.40	173	3399	0.536	ug/l #	1
74) N-amyl acetate	11.99	43	9666	0.888	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.33	83	56080	6.547	ug/l #	30
76) 1,2,3-Trichloropropane	12.40	75	271400	36.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	271400	91.250	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	17988	0.537	ug/l	83
85) sec-Butylbenzene	13.04	105	17988	0.447	ug/l #	56
90) Hexachloroethane	13.87	117	3819	0.697	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.13	75	524	0.482	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	67	2.775	ug/l #	85
95) Naphthalene	15.13	128	17540	5.137	ug/l #	91

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

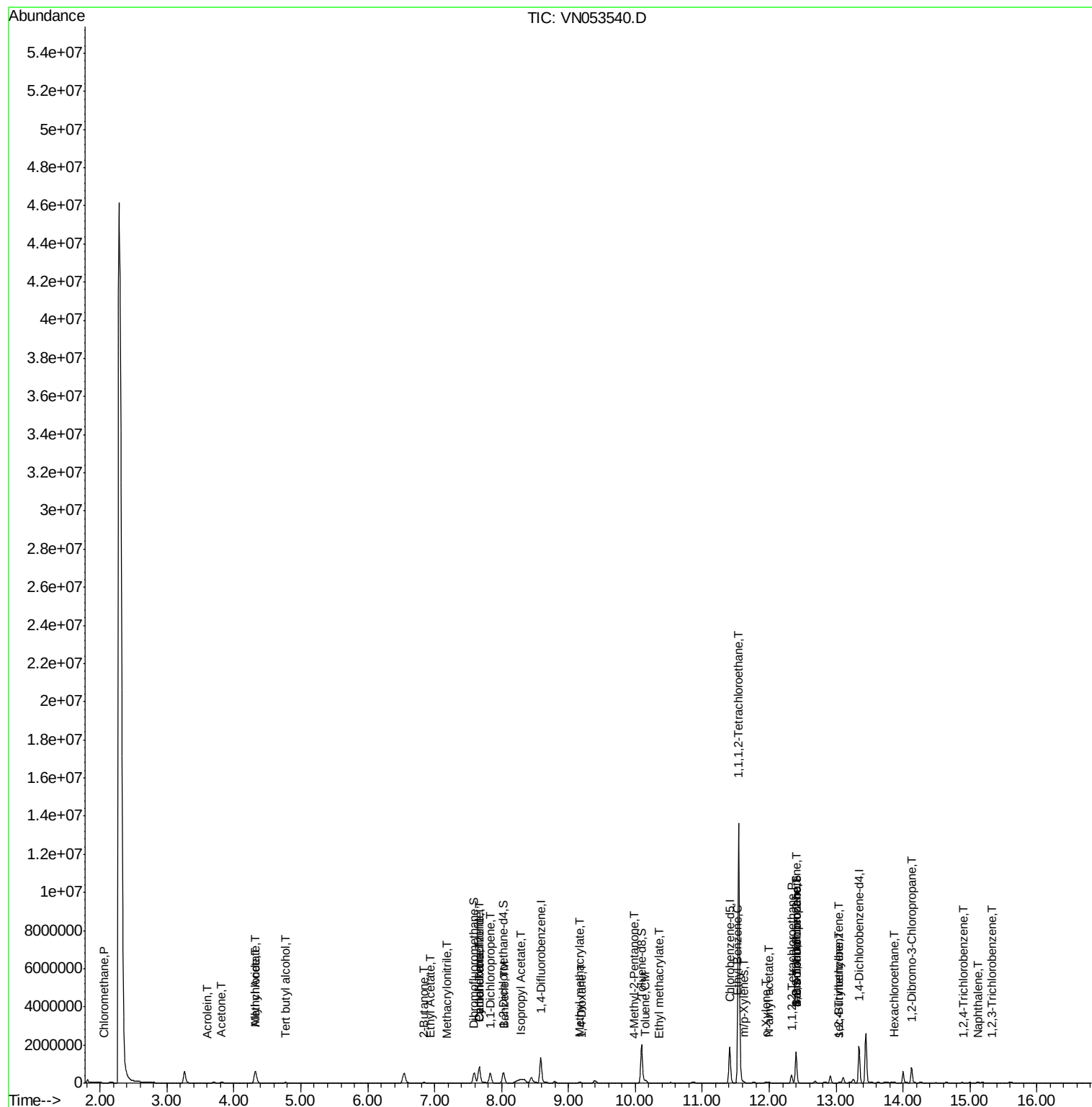
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	107	3.922	ug/l #	49

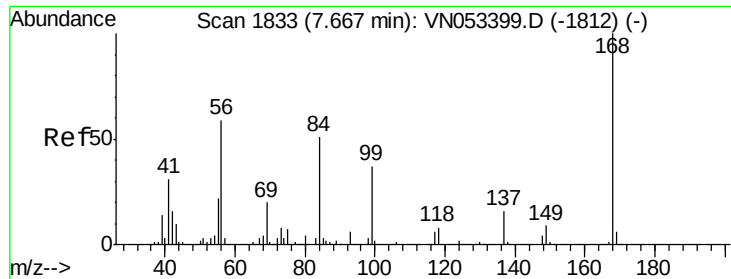
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053540.D
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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: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

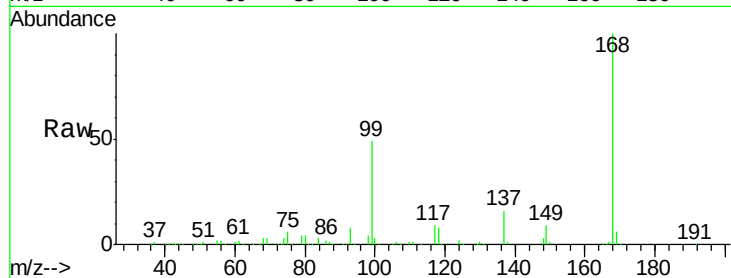
50139

Tot Ion:168 Resp: 872069

Ion Ratio Lower Upper

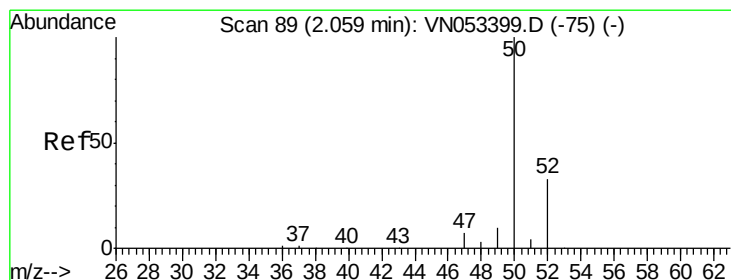
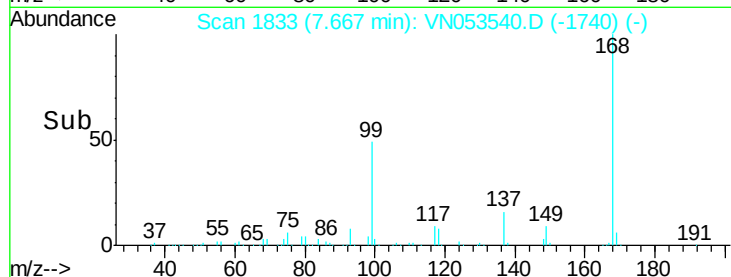
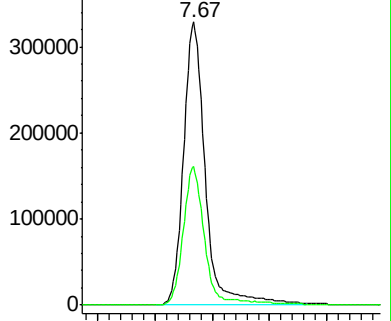
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.350 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN053540.D

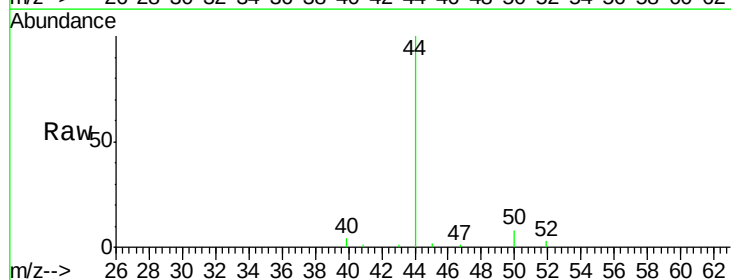
Acq: 28 Jan 2019 12:47

Tgt Ion: 50 Resp: 3508

Ion Ratio Lower Upper

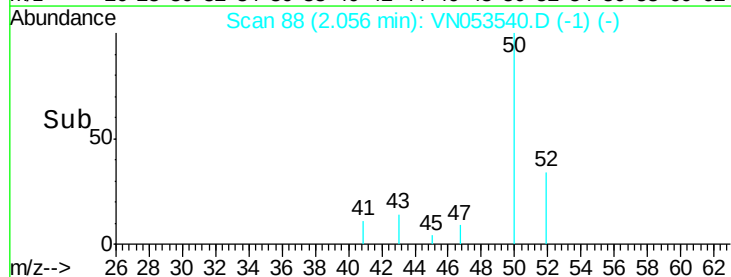
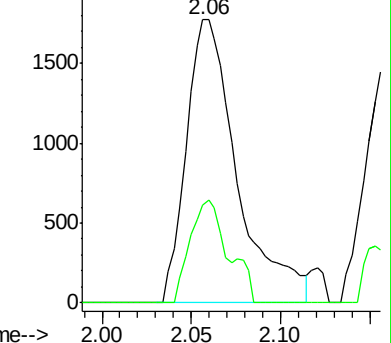
50 100

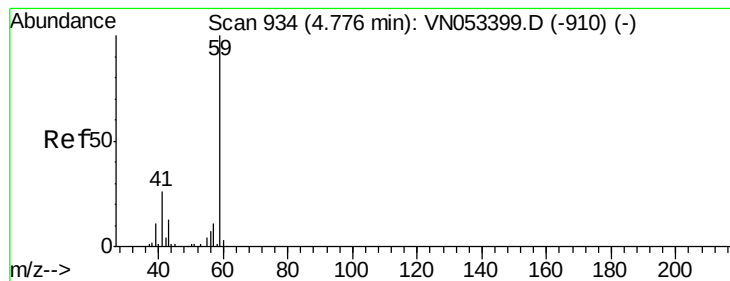
52 34.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



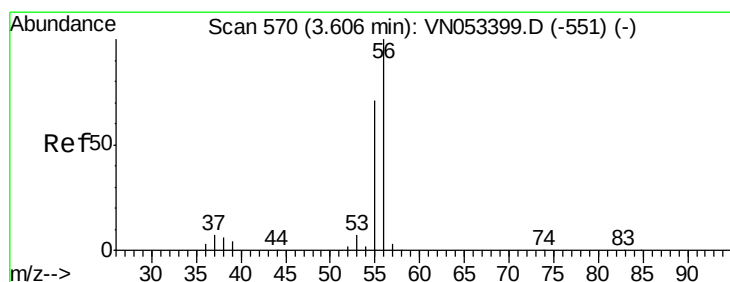
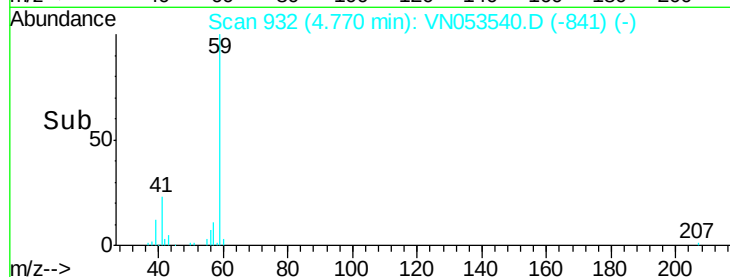
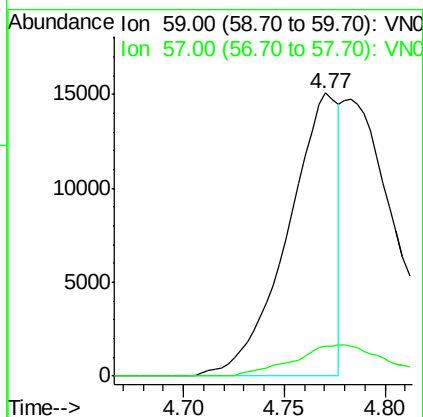
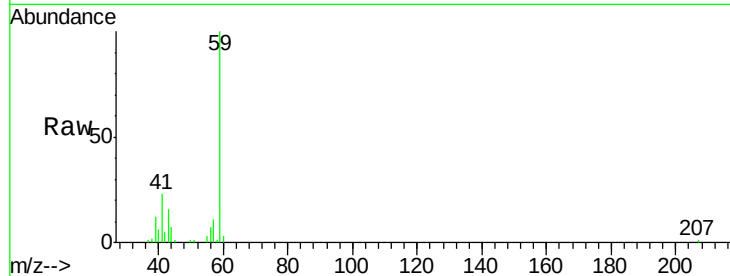


#11

Tert butyl alcohol
 Concen: 62.320 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN053540.D
 Acq: 28 Jan 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 50139

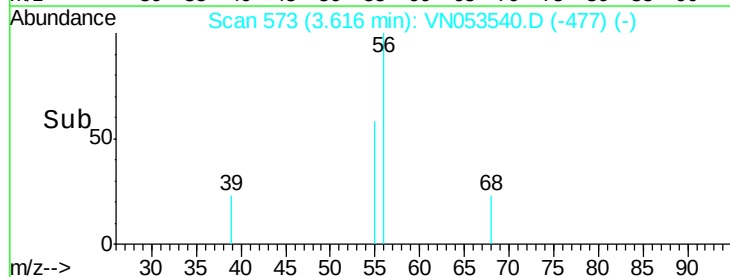
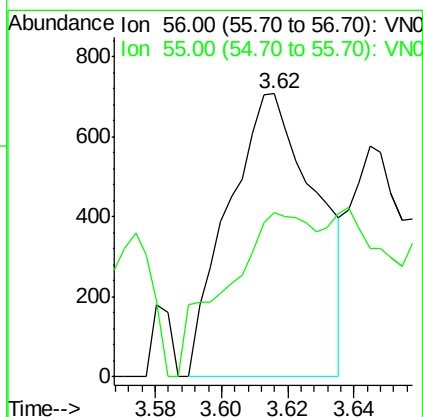
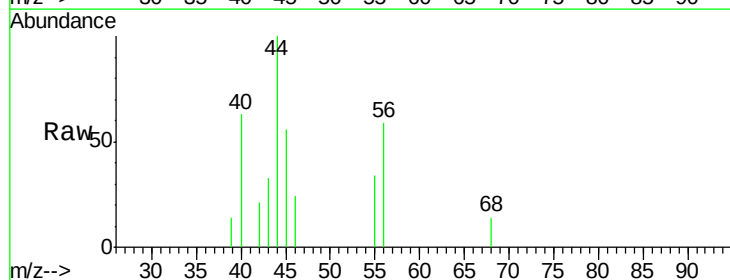
Tot Ion: 59 Resp: 26285
 Ion Ratio Lower Upper
 59 100
 57 20.6 8.2 12.4#

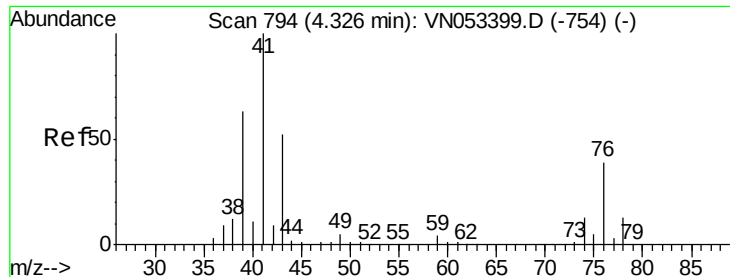


#13

Acrolein
 Concen: 24.175 ug/l
 RT: 3.62 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VN053540.D
 Acq: 28 Jan 2019 12:47

Tgt Ion: 56 Resp: 1301
 Ion Ratio Lower Upper
 56 100
 55 57.9 57.4 86.0

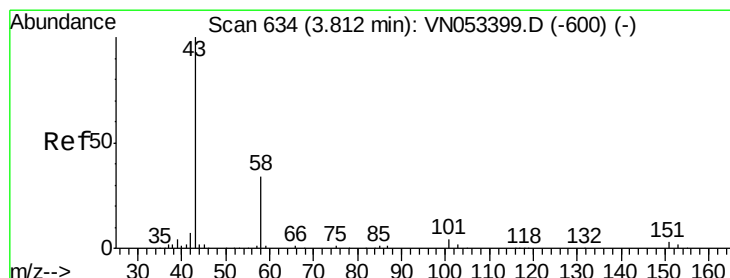
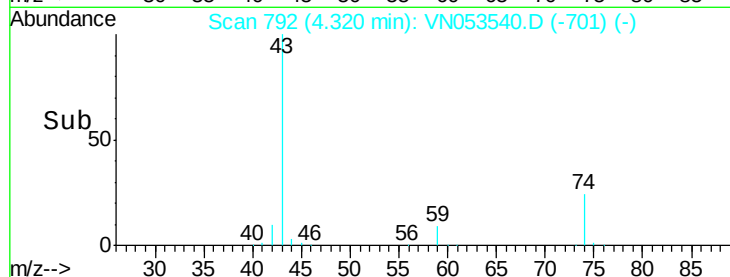
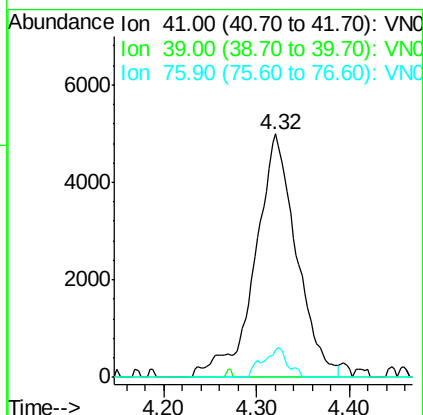
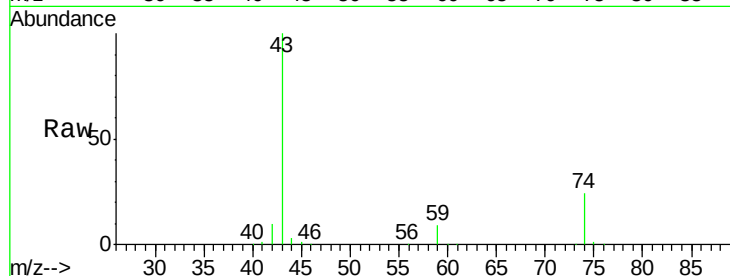




#14
Allvl chloride
Concen: 1.228 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

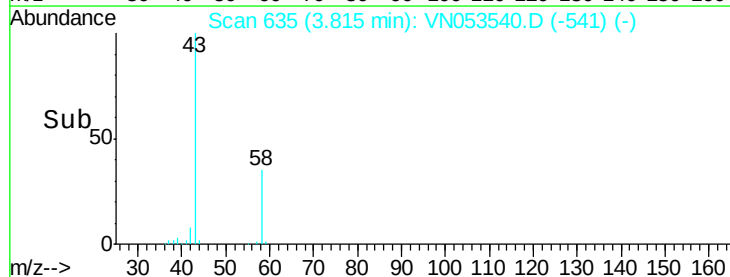
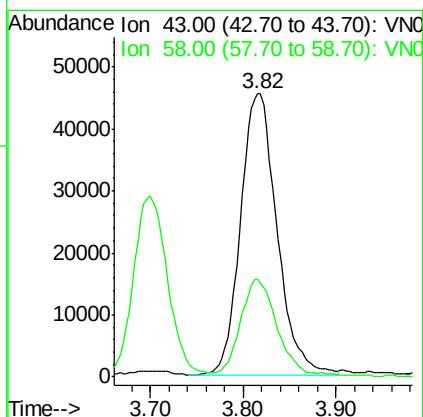
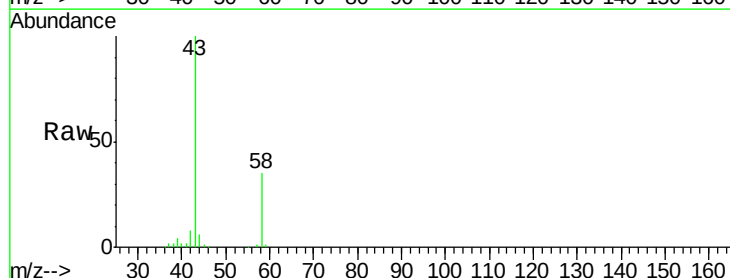
Instrument :
MSVOA_N
ClientSampled :
50139

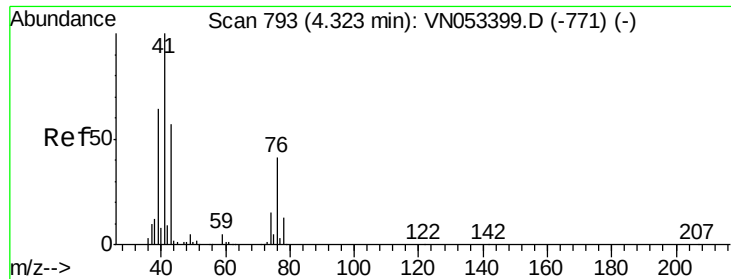
Tot Ion: 41 Resp: 15486
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
76 7.2 29.4 44.2#



#16
Acetone
Concen: 61.319 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 43 Resp: 124005
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

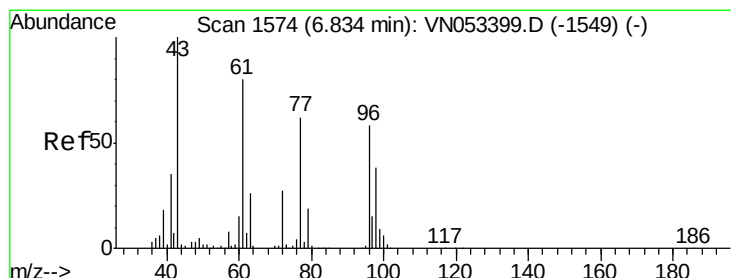
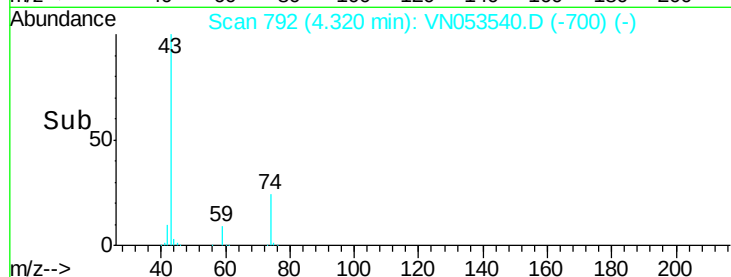
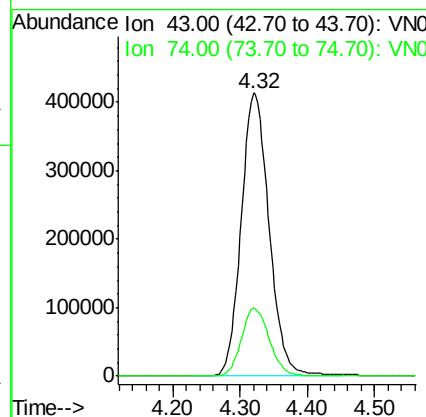
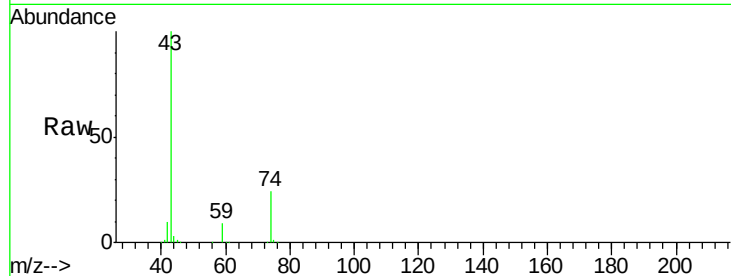




#18
Methvl Acetate
Concen: 174.073 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

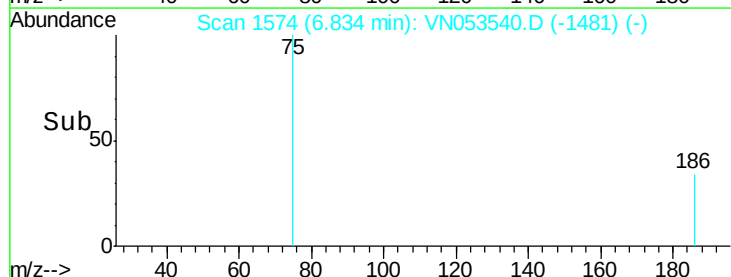
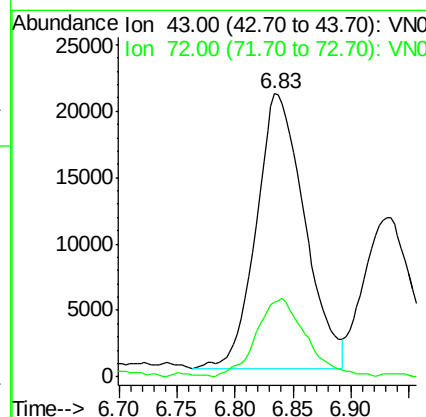
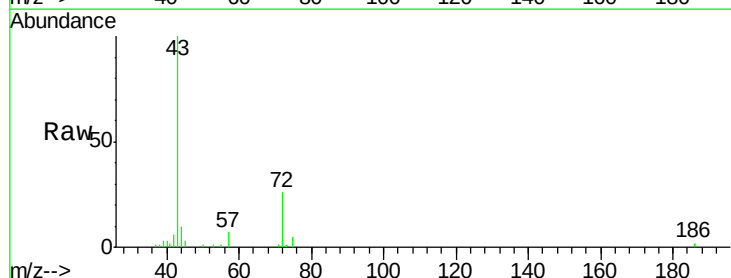
Instrument :
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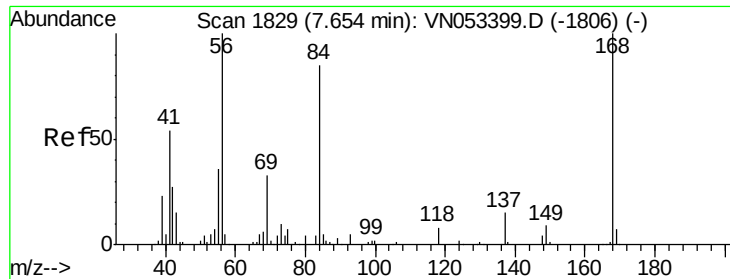
Tot Ion: 43 Resp: 1186040
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



#25
2-Butanone
Concen: 19.295 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 43 Resp: 60132
Ion Ratio Lower Upper
43 100
72 26.3 22.0 33.0

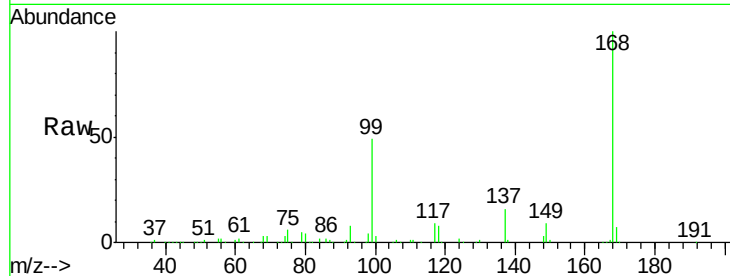




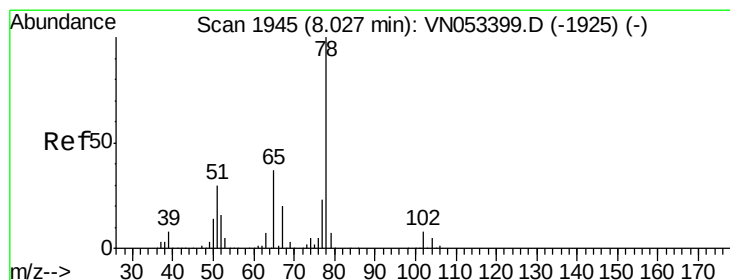
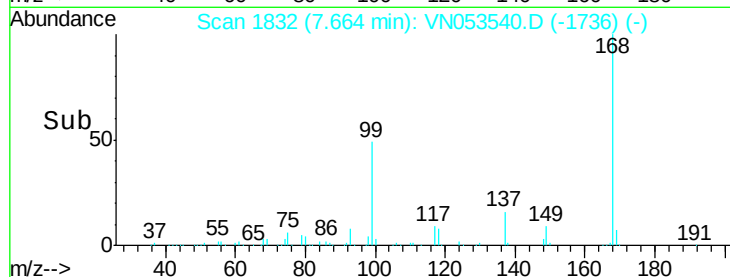
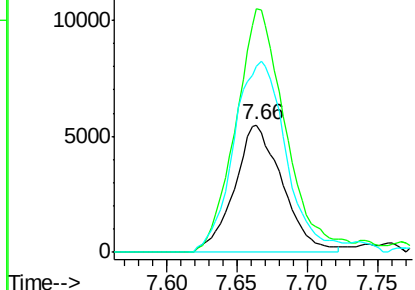
#31
Cyclohexane
Concen: 0.643 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampled :
50139

Tot Ion: 56 Resp: 13079
Ion Ratio Lower Upper
56 100
69 190.7 26.4 39.6#
84 146.0 67.9 101.9#

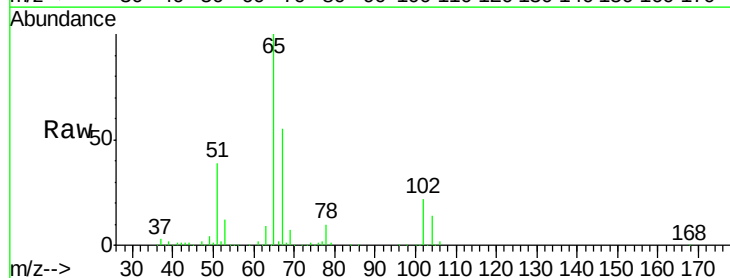


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

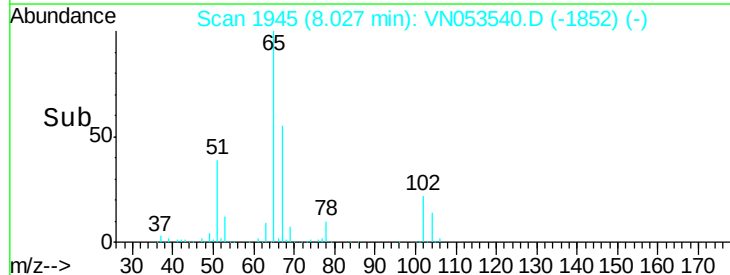
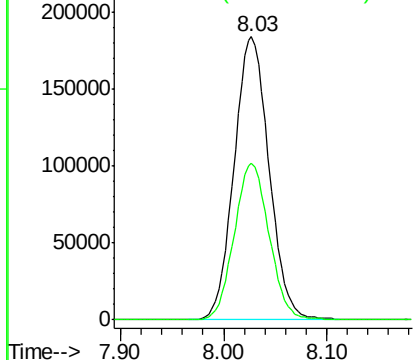


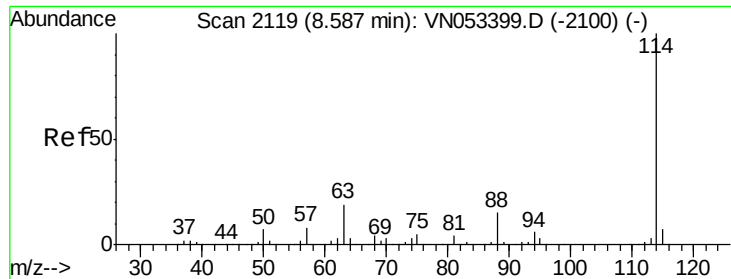
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 65 Resp: 434708
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

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ClientSampleId :

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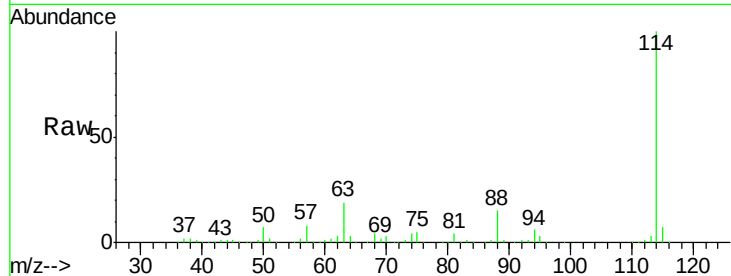
Tot Ion:114 Resp: 1369166

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

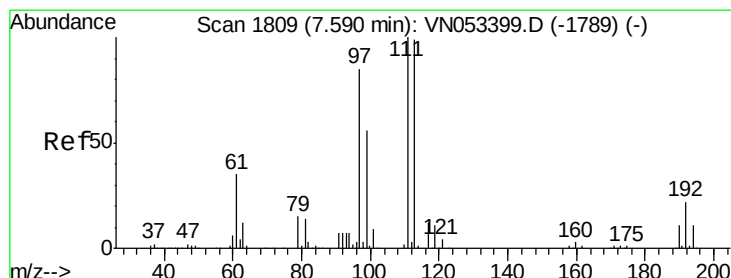
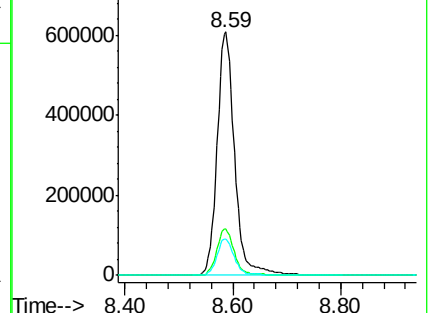
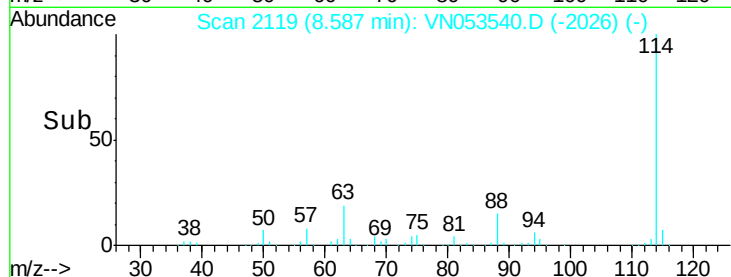
88 15.0 0.0 30.4



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# 1809

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

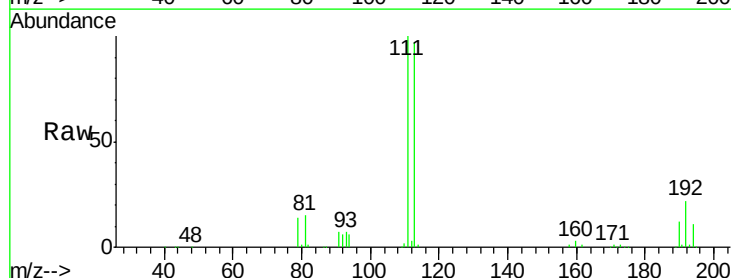
Tgt Ion:113 Resp: 418963

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

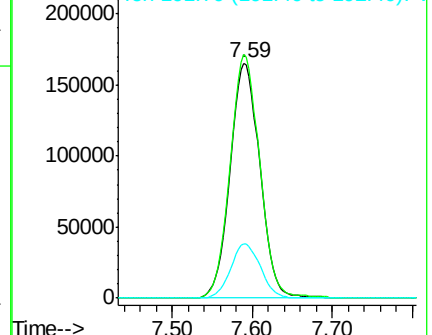
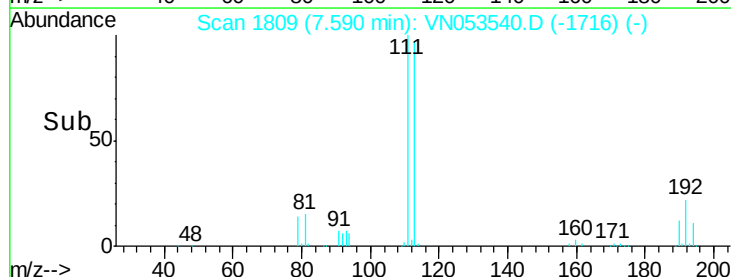
192 23.0 18.2 27.2

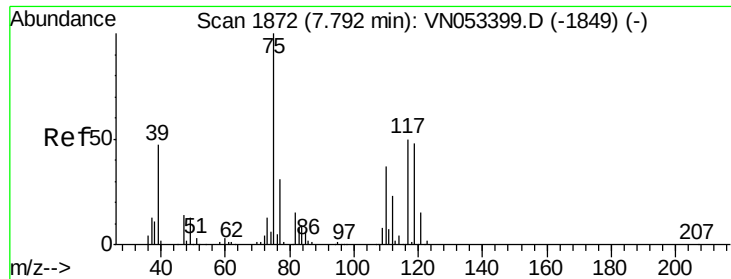


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

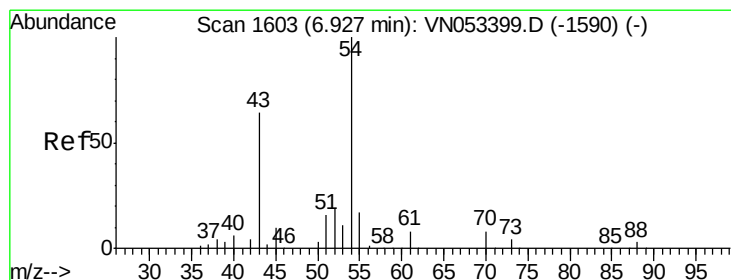
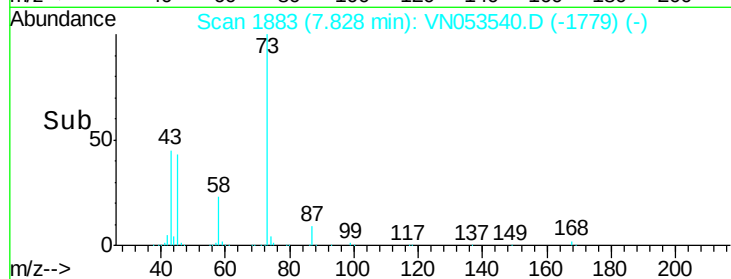
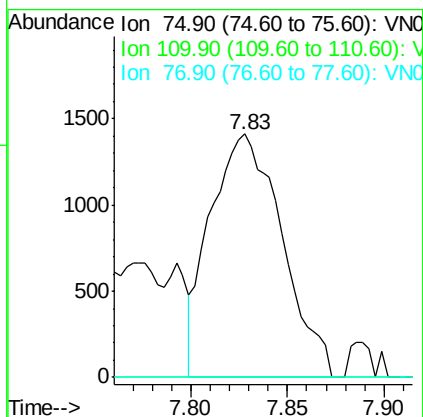
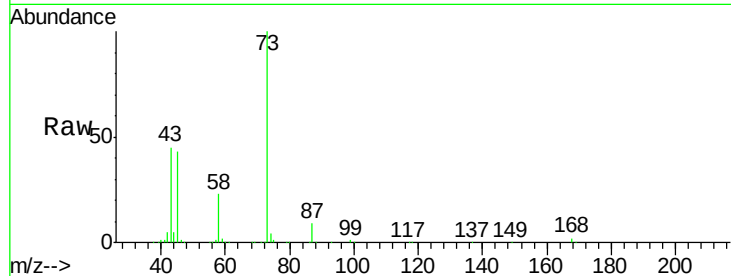




#36
 1,1-Dichloropropene
 Concen: 0.291 ug/l
 RT: 7.83 min Scan# 1883
 Delta R.T. 0.04 min
 Lab File: VN053540.D
 Acq: 28 Jan 2019 12:47

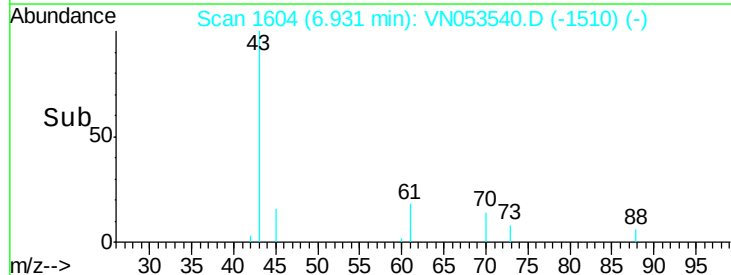
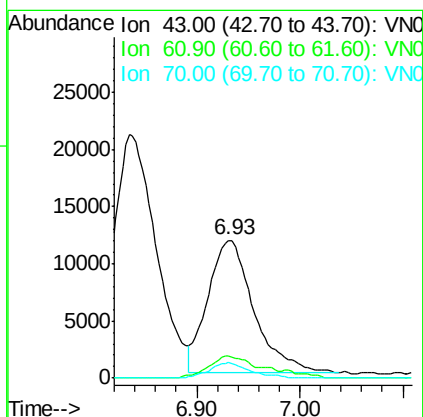
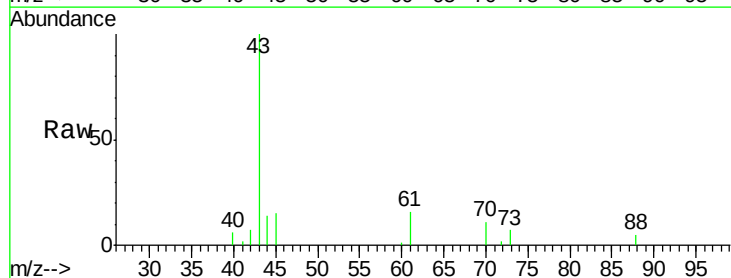
Instrument :
 MSVOA_N
 ClientSampled :
 50139

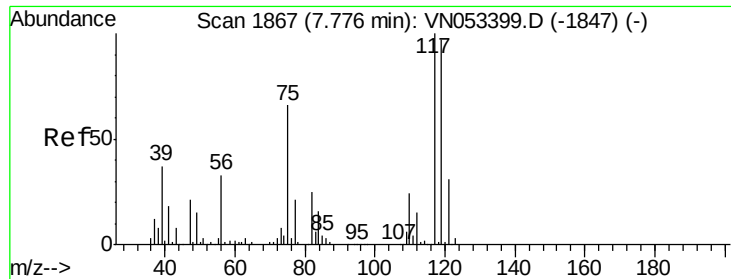
Tot Ion: 75 Resp: 3631
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 5.021 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053540.D
 Acq: 28 Jan 2019 12:47

Tgt Ion: 43 Resp: 36017
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.8 17.6
 70 9.6 8.6 12.8





#38

Carbon Tetrachloride

Concen: 6.048 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

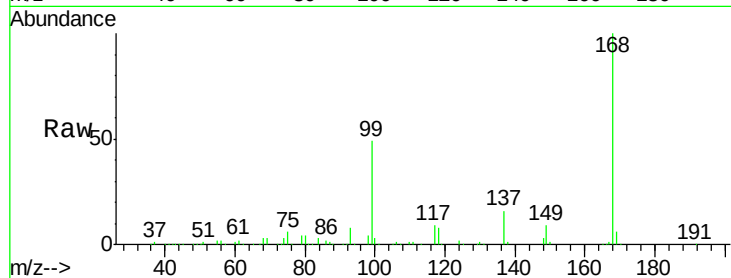
Tot Ion:117 Resp: 71396

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

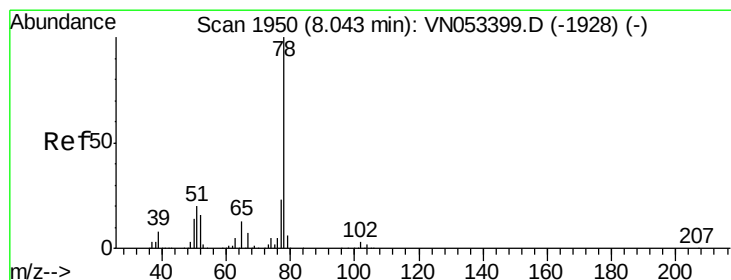
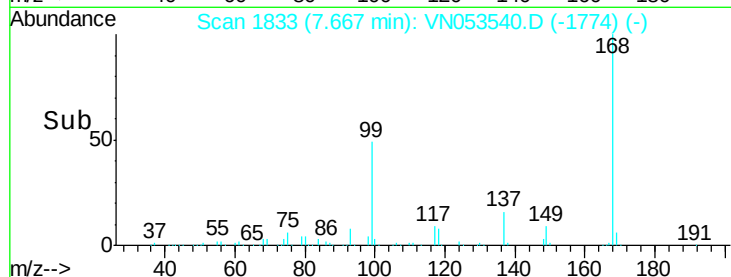
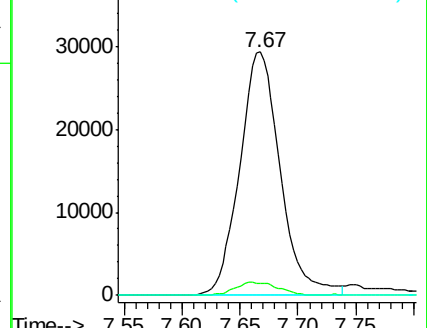
121 0.0 24.6 37.0#



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: 1.802 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053540.D

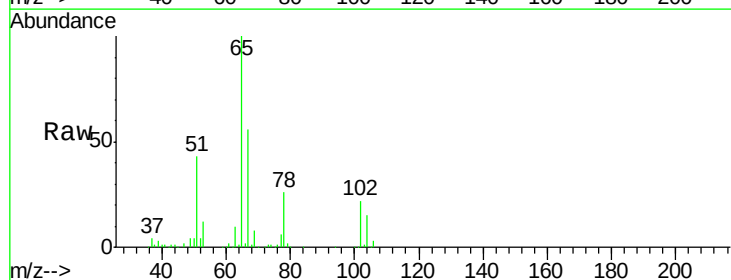
Acq: 28 Jan 2019 12:47

Tgt Ion: 78 Resp: 68264

Ion Ratio Lower Upper

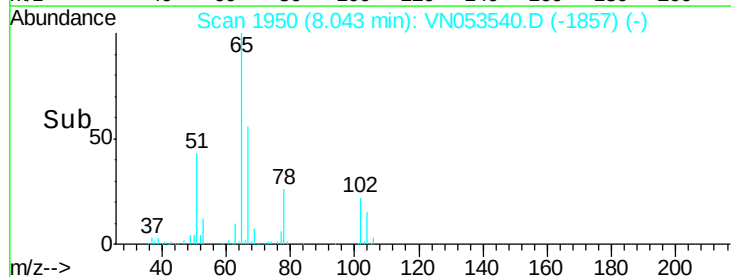
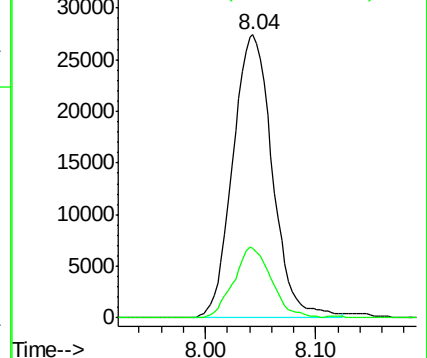
78 100

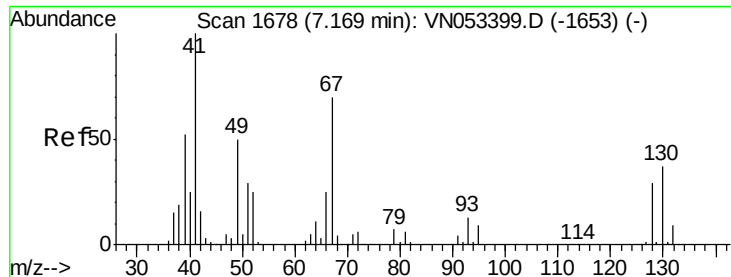
77 24.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V

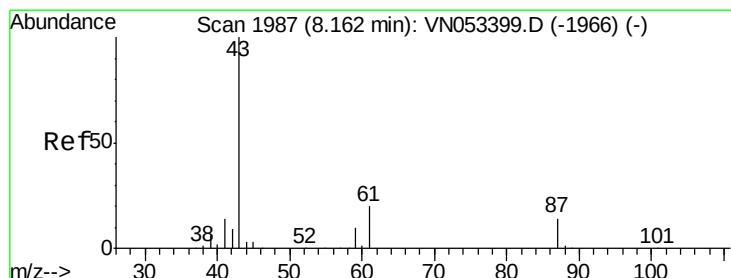
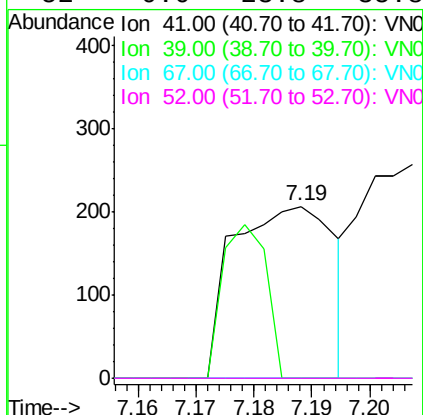
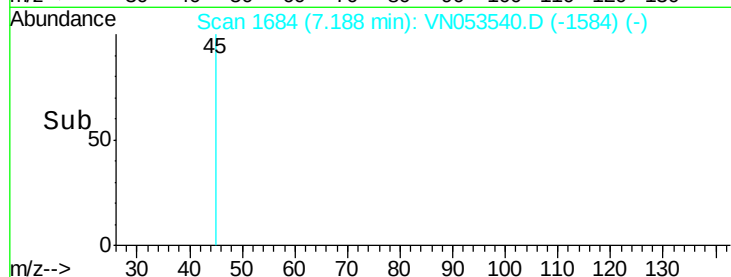
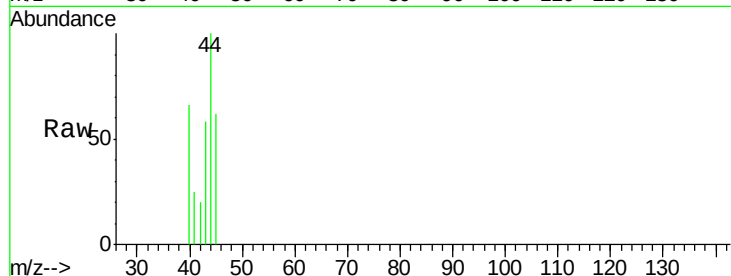




#41
Methacrylonitrile
Concen: 0.725 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.02 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

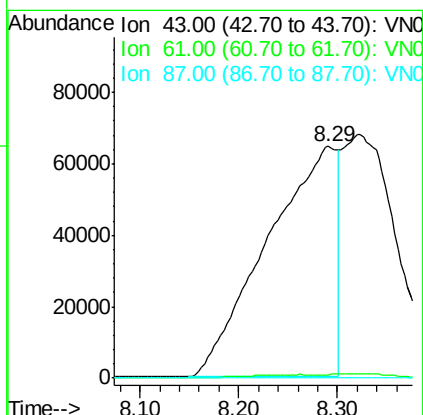
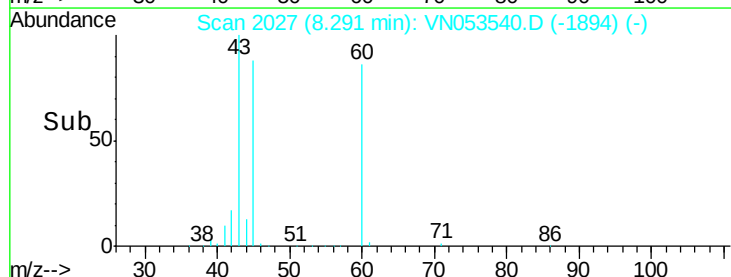
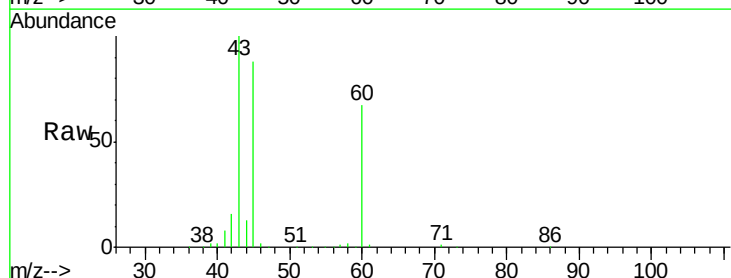
Instrument :
MSVOA_N
ClientSampleId :
50139

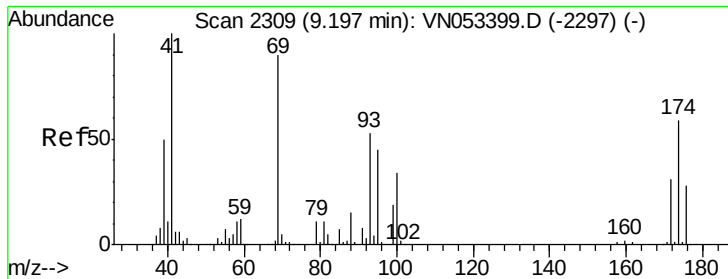
Tot Ion: 41 Resp: 250
Ion Ratio Lower Upper
41 100
39 38.4 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 24.532 ug/l
RT: 8.29 min Scan# 2027
Delta R.T. 0.13 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 43 Resp: 316454
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
87 0.0 11.0 16.6#

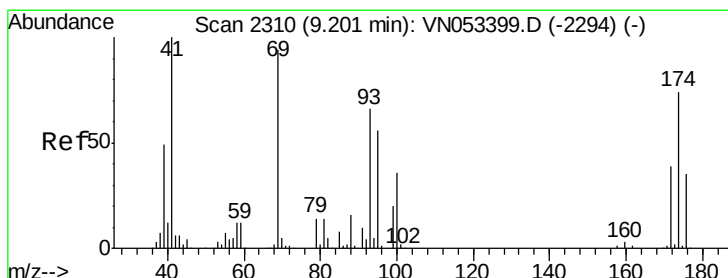
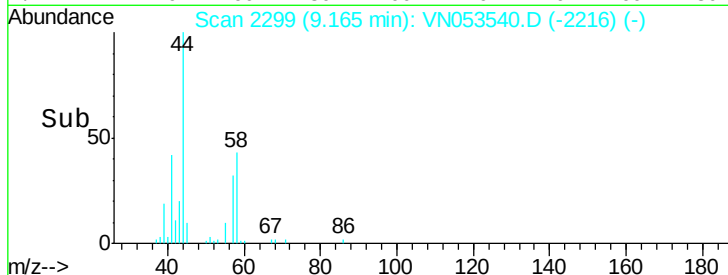
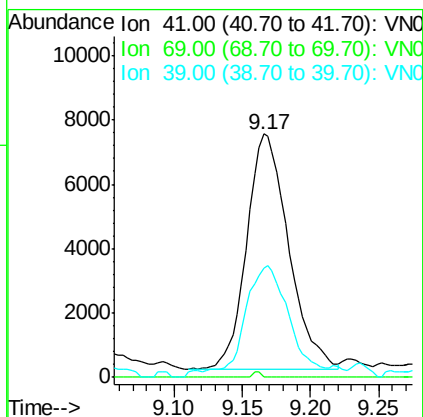
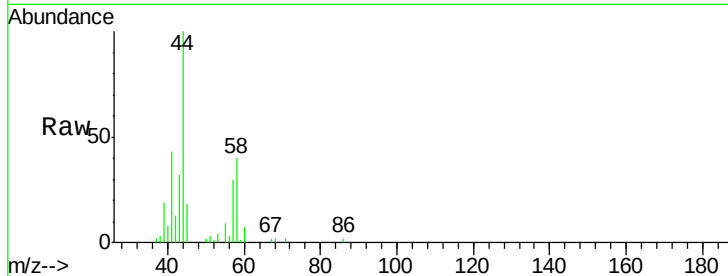




#48
Methvl methacrylate
Concen: 2.324 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

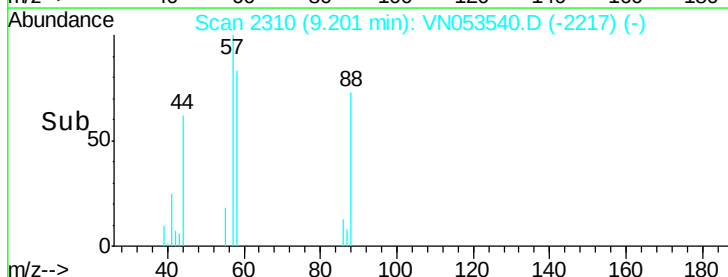
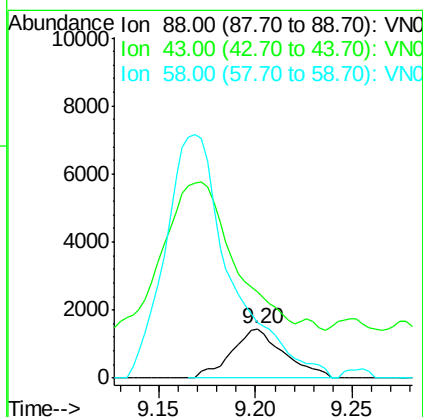
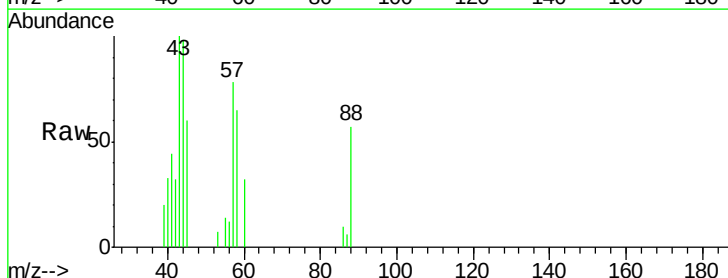
Instrument :
MSVOA_N
ClientSampled :
50139

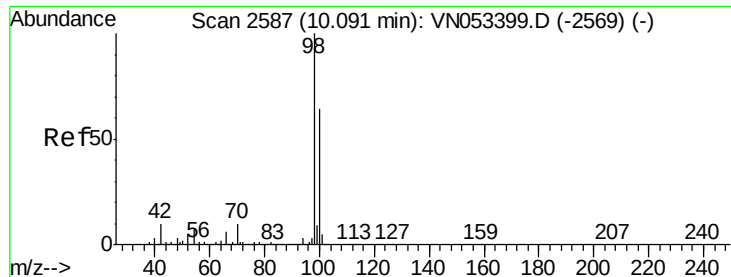
Tot Ion: 41 Resp: 15479
Ion Ratio Lower Upper
41 100
69 0.4 73.8 110.6#
39 51.2 40.0 60.0



#49
1,4-Dioxane
Concen: 41.832 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 88 Resp: 2721
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 41.832 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

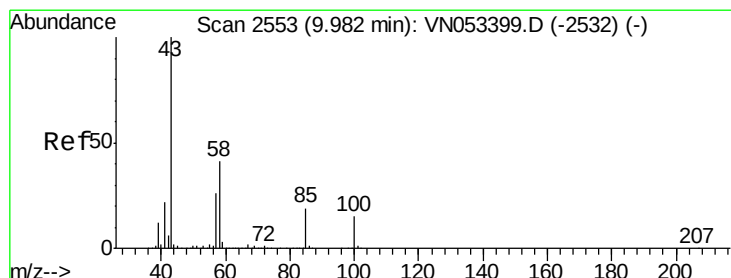
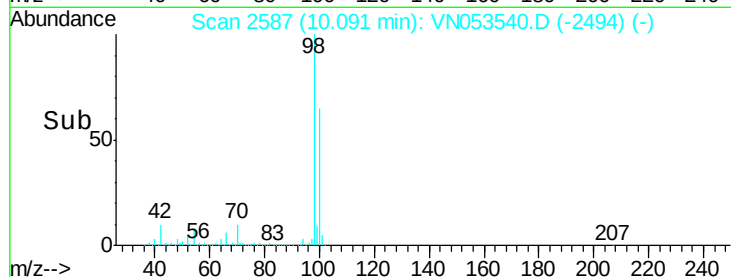
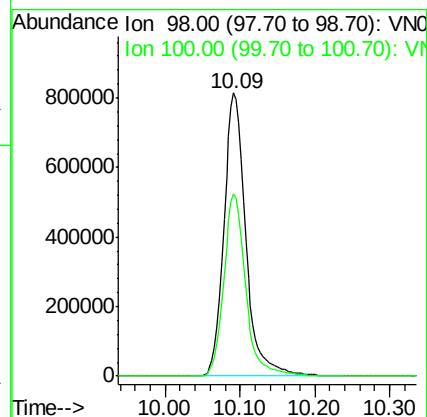
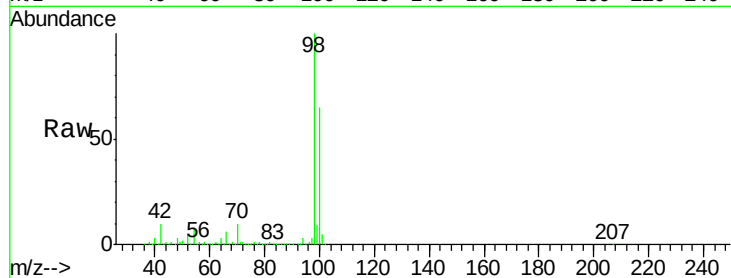
50139

Tot Ion: 98 Resp: 1647656

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.367 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN053540.D

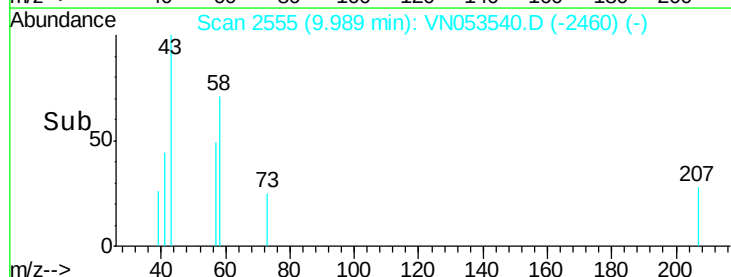
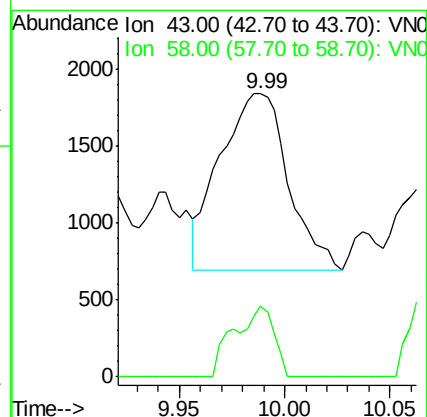
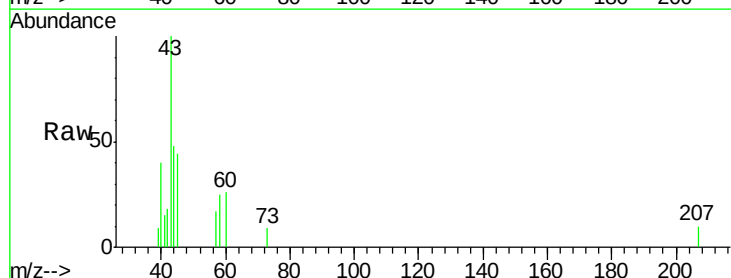
Acq: 28 Jan 2019 12:47

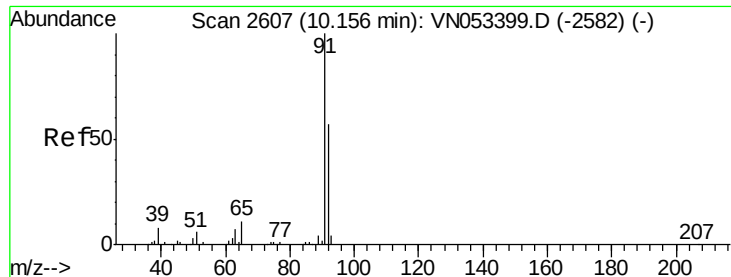
Tgt Ion: 43 Resp: 2584

Ion Ratio Lower Upper

43 100

58 23.2 32.8 49.2#





#52

Toluene

Concen: 1.835 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

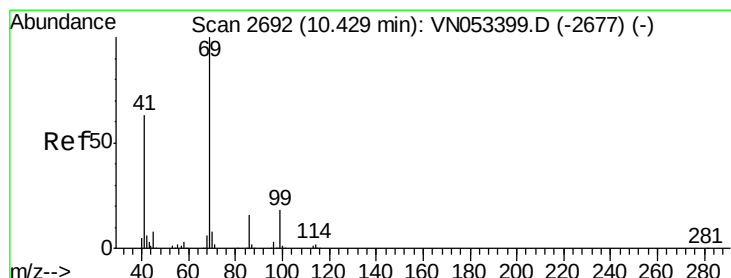
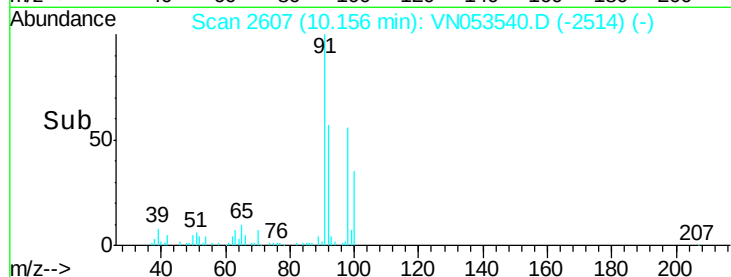
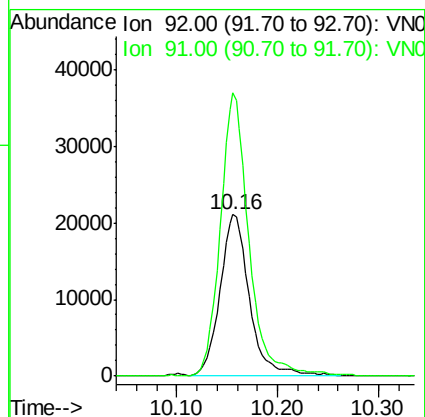
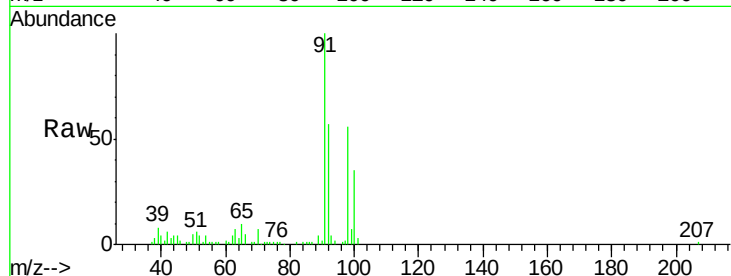
50139

Tot Ion: 92 Resp: 43157

Ion Ratio Lower Upper

92 100

91 168.9 139.9 209.9



#56

Ethyl methacrylate

Concen: 2.107 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.08 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

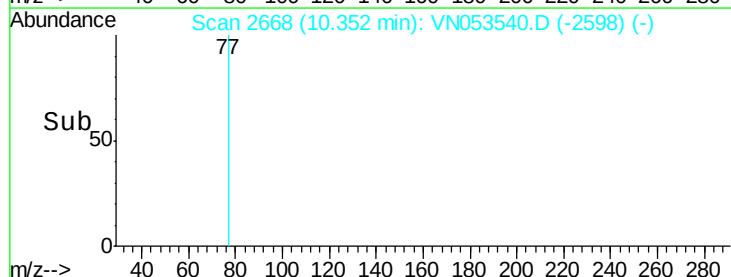
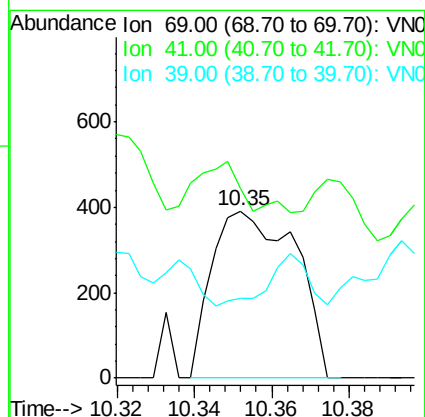
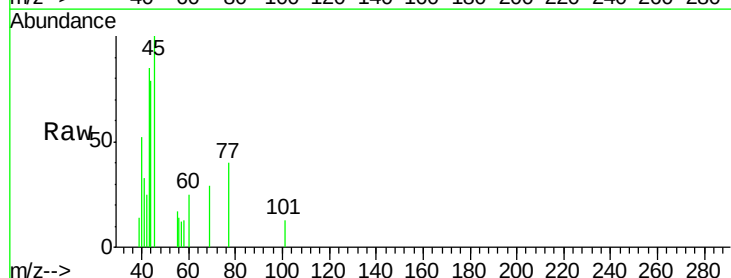
Tgt Ion: 69 Resp: 589

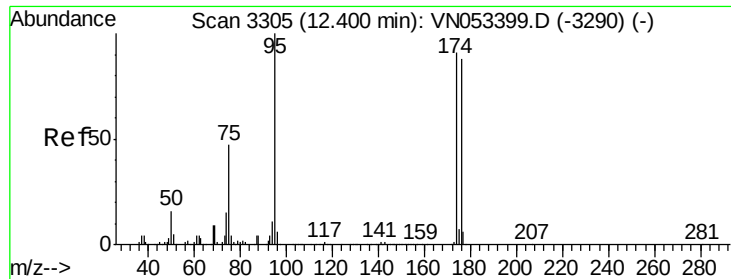
Ion Ratio Lower Upper

69 100

41 40.7 49.4 74.0#

39 0.0 23.3 34.9#

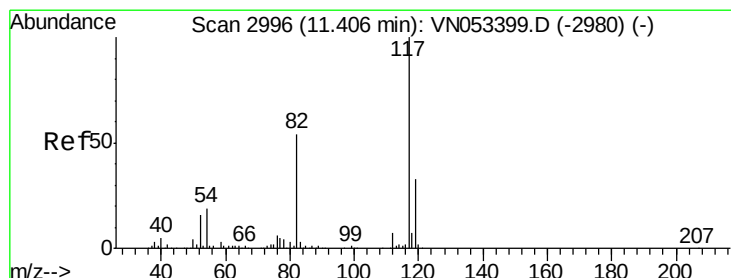
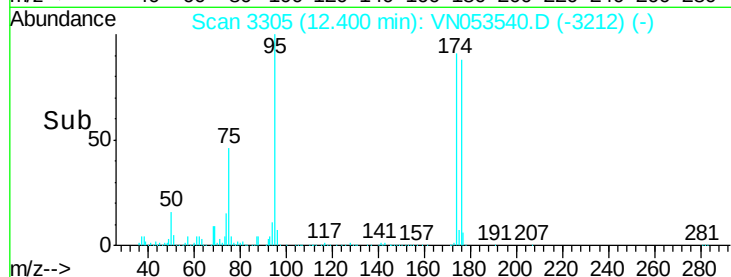
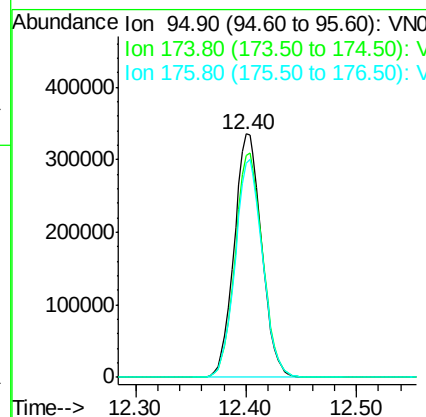
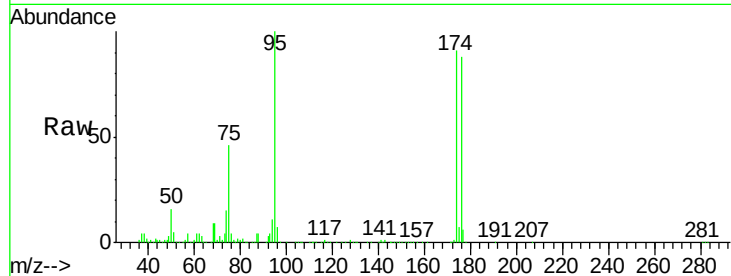




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

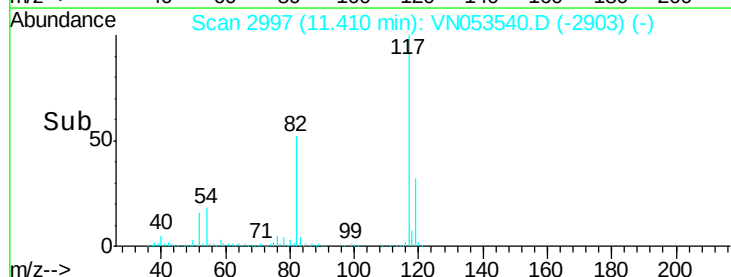
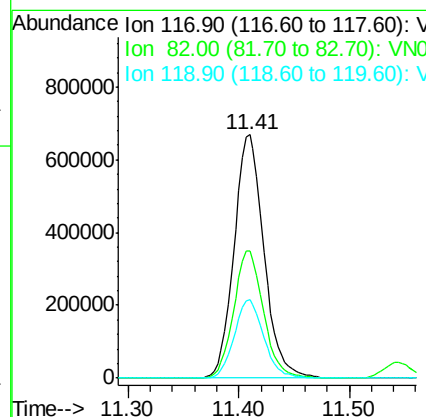
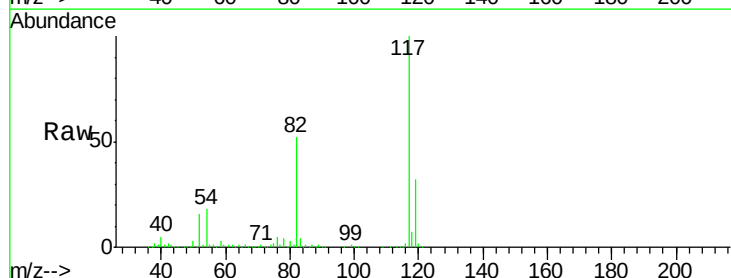
Instrument :
MSVOA_N
ClientSampled :
50139

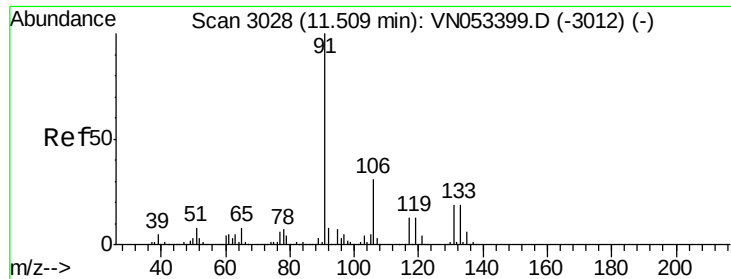
Tot Ion: 95 Resp: 578400
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.2
176 89.0 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion: 117 Resp: 1251249
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.2 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 1.406 ug/l

RT: 11.54 min Scan# 3039

Delta R.T. 0.04 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

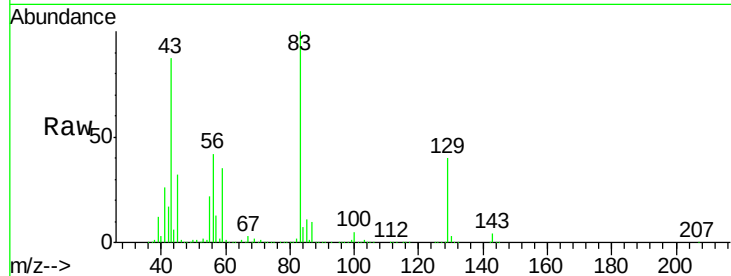
Tot Ion:131 Resp: 12951

Ion Ratio Lower Upper

131 100

133 0.0 48.0 144.0#

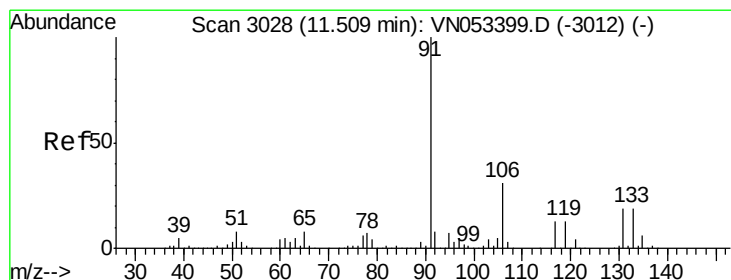
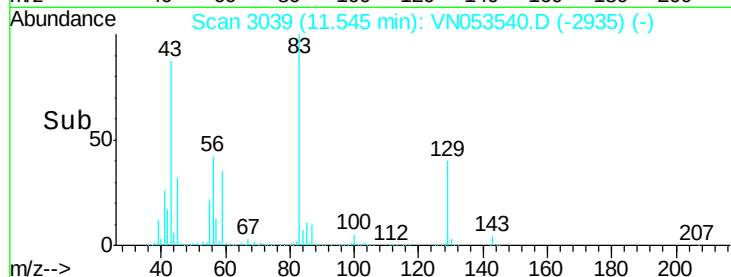
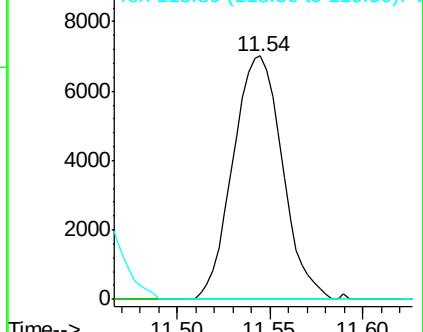
119 0.0 33.5 100.5#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.267 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053540.D

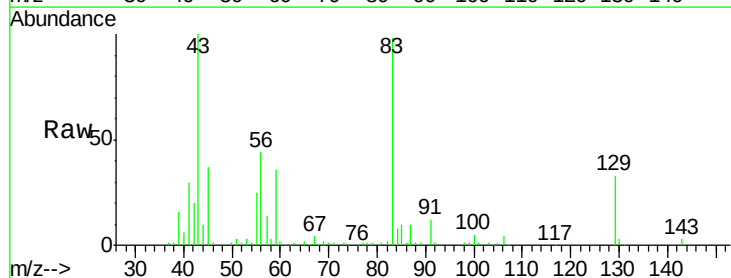
Acq: 28 Jan 2019 12:47

Tgt Ion: 91 Resp: 12053

Ion Ratio Lower Upper

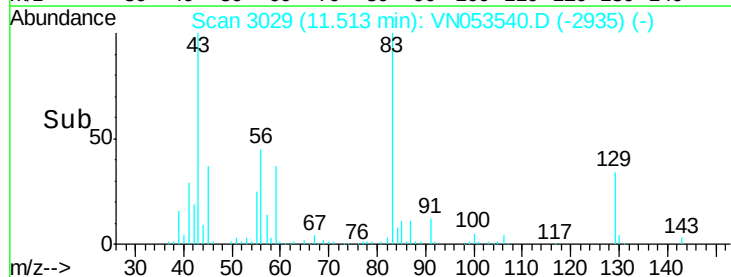
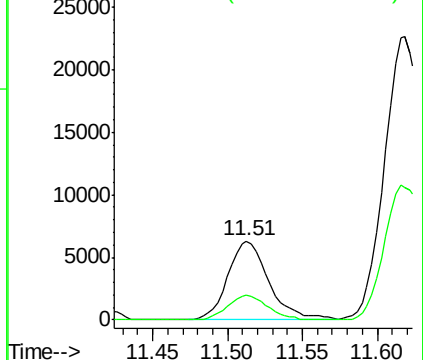
91 100

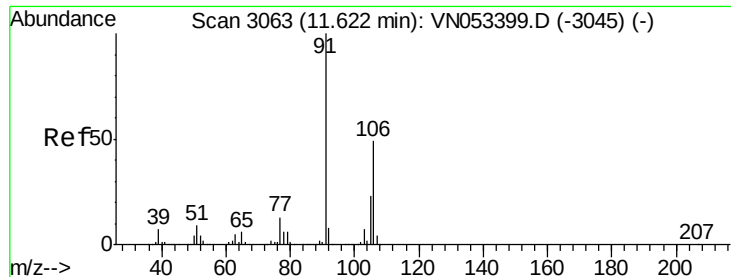
106 31.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

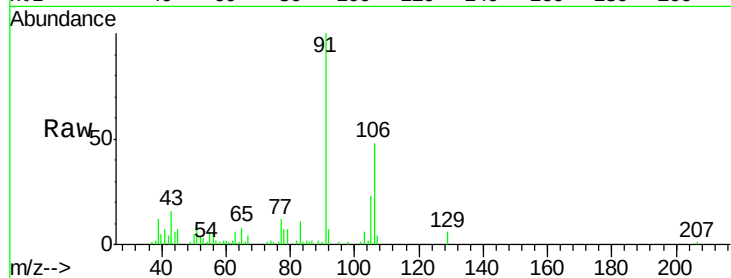




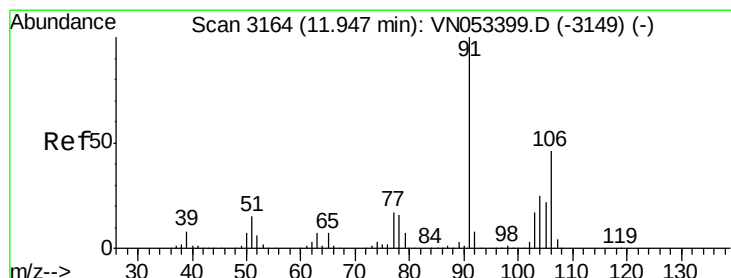
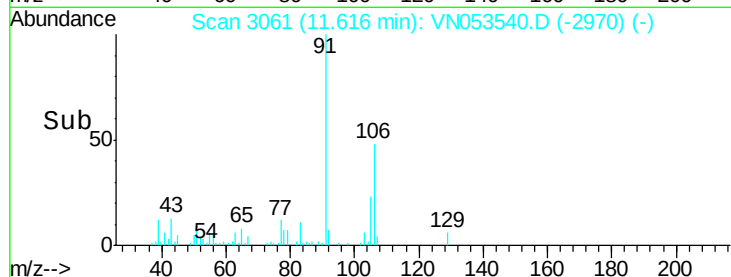
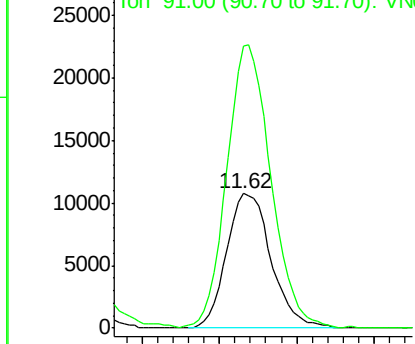
#68
m/p-Xylenes
Concen: 1.261 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampled :
50139

Tot Ion:106 Resp: 21488
Ion Ratio Lower Upper
106 100
91 208.4 161.4 242.2

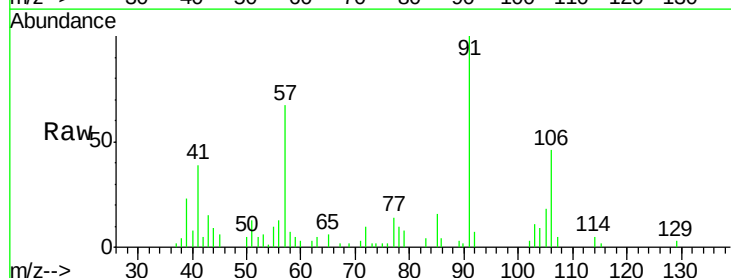


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

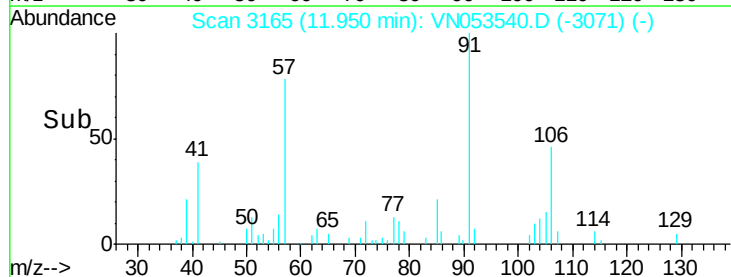
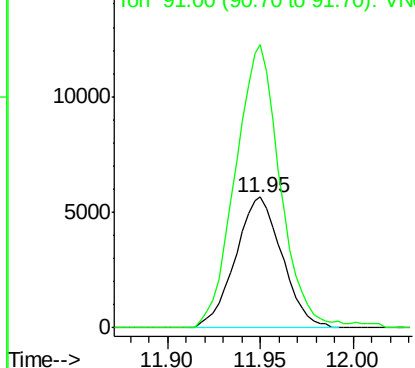


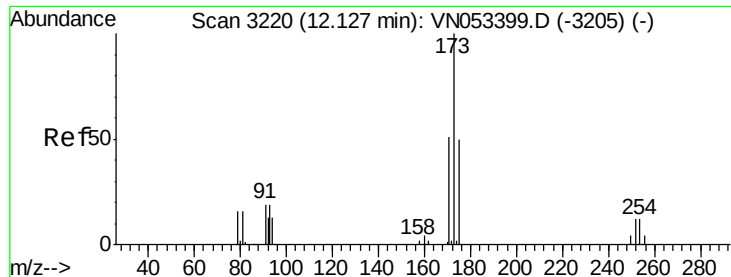
#69
o-Xylene
Concen: 0.598 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion:106 Resp: 9899
Ion Ratio Lower Upper
106 100
91 207.5 106.9 320.8



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

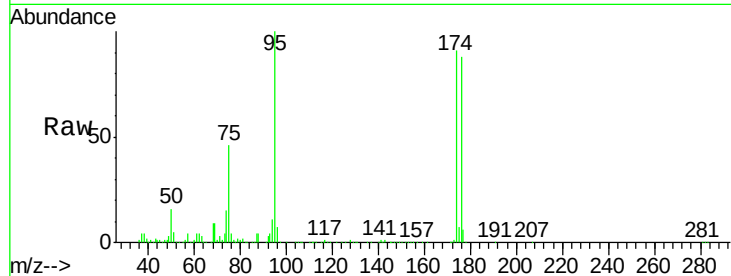




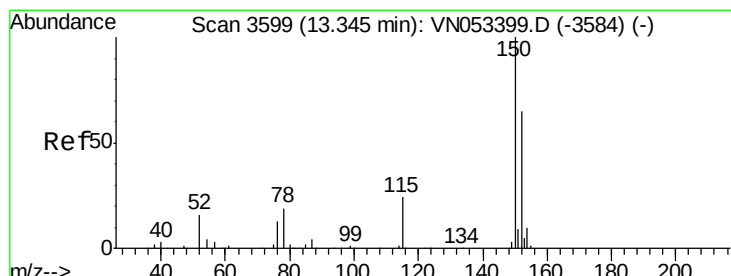
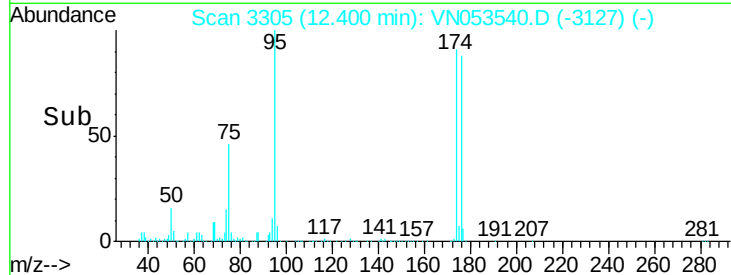
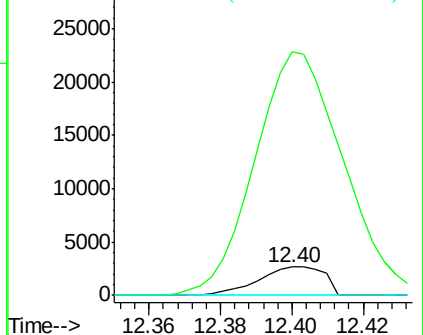
#71
Bromoform
Concen: 0.536 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
50139

Tot Ion:173 Resp: 3399
Ion Ratio Lower Upper
173 100
175 974.4 24.6 74.0#
254 0.0 0.2 0.2#

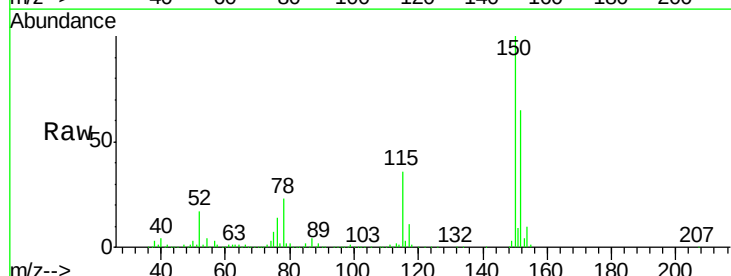


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

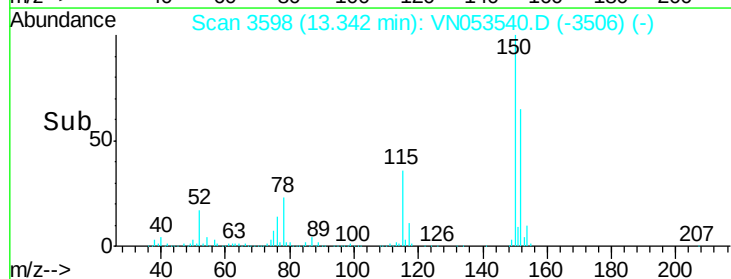
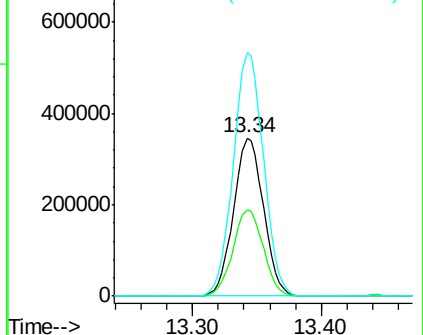


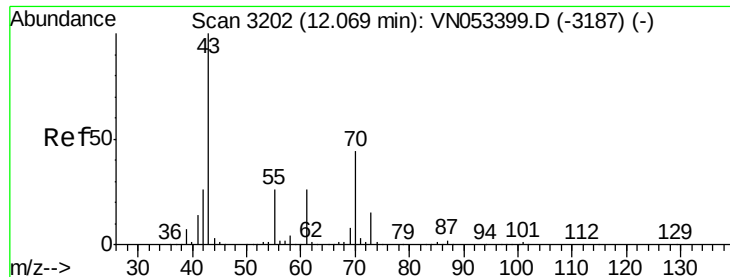
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053540.D
Acq: 28 Jan 2019 12:47

Tgt Ion:152 Resp: 557723
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 155.8 0.0 349.0



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-amvl acetate

Concen: 0.888 ug/l

RT: 11.99 min Scan# 3179

Delta R.T. -0.07 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

Tot Ion: 43 Resp: 9666

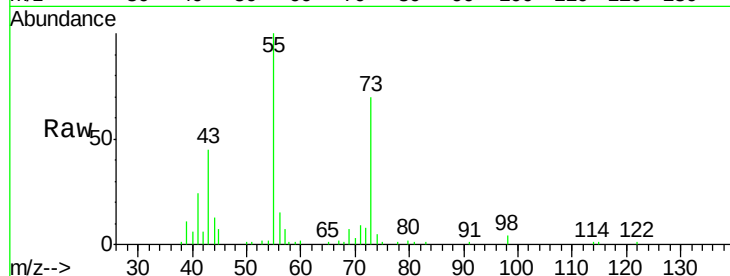
Ion Ratio Lower Upper

43 100

70 10.1 35.4 53.2#

55 357.7 20.9 31.3#

61 0.0 20.5 30.7#

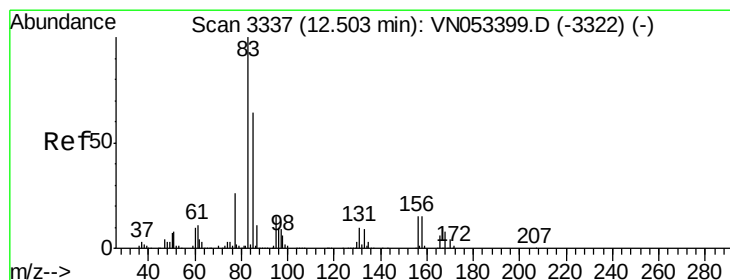
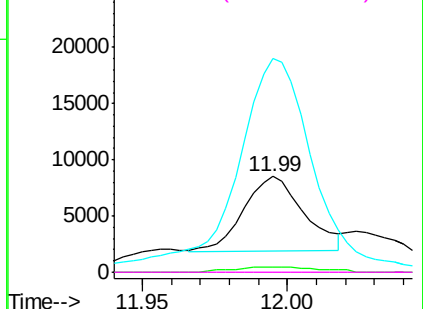
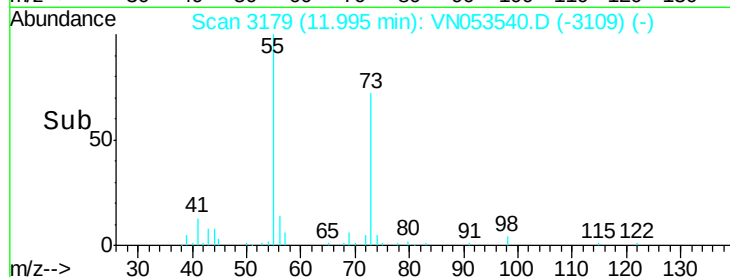


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 6.547 ug/l

RT: 12.33 min Scan# 3284

Delta R.T. -0.17 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

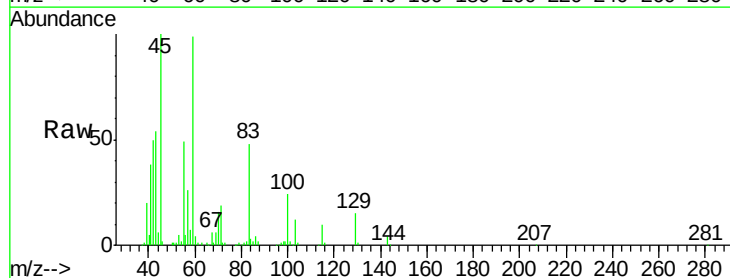
Tgt Ion: 83 Resp: 56080

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

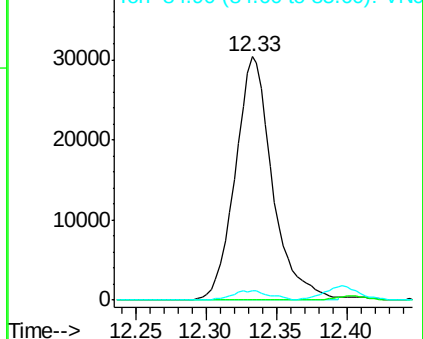
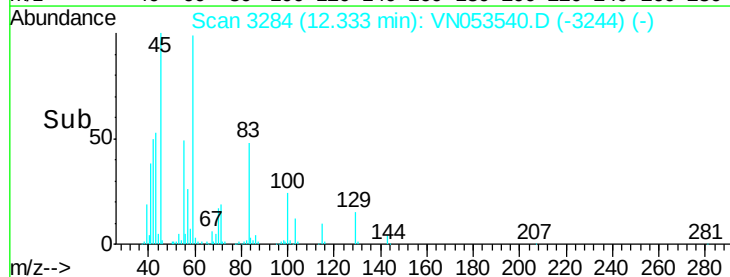
85 3.8 32.1 96.3#

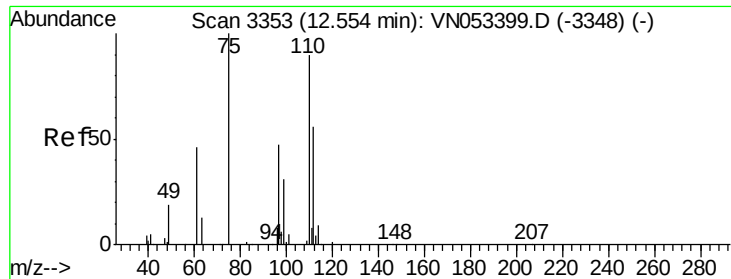


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 36.927 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

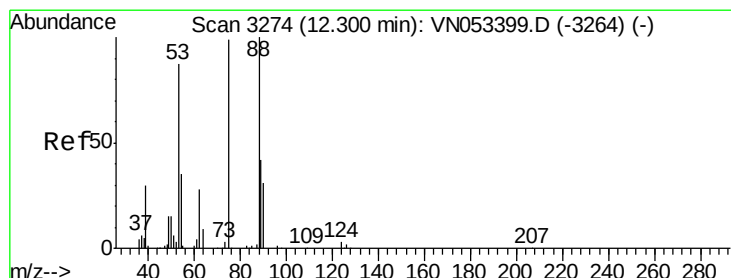
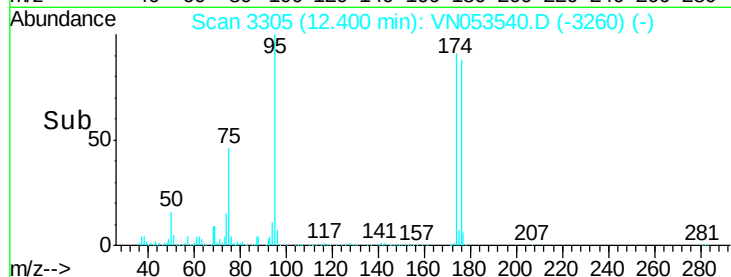
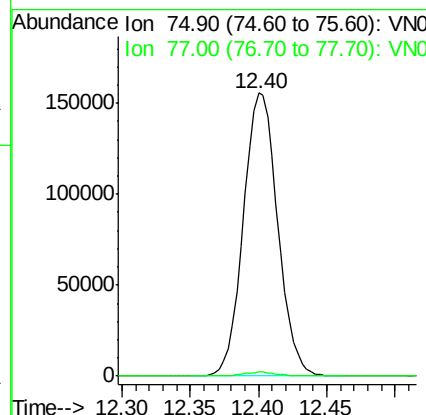
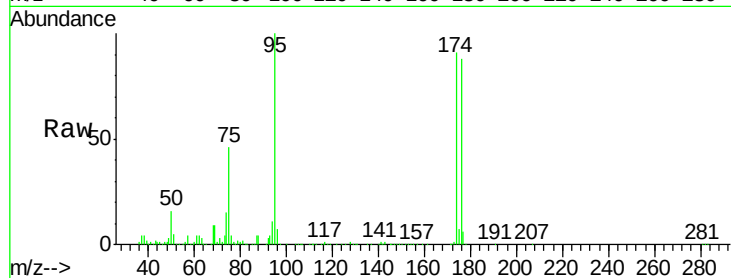
50139

Tot Ion: 75 Resp: 271400

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.250 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

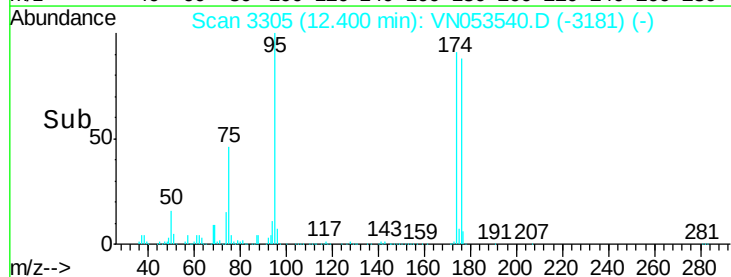
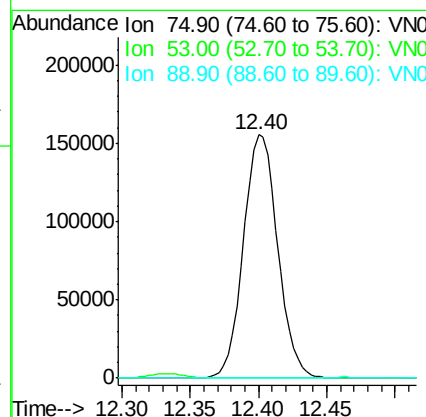
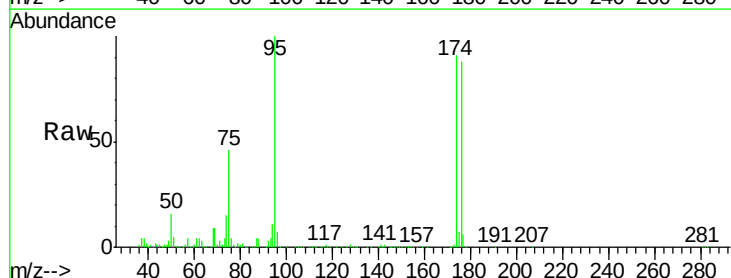
Tgt Ion: 75 Resp: 271400

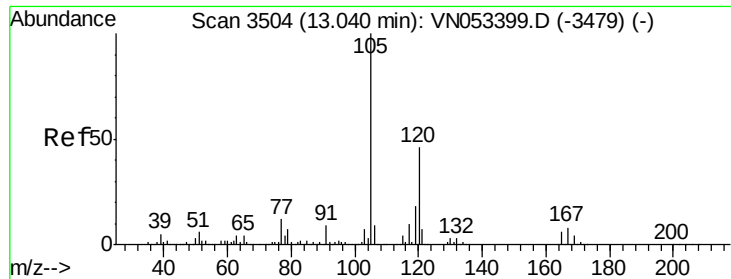
Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.6#

89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.537 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

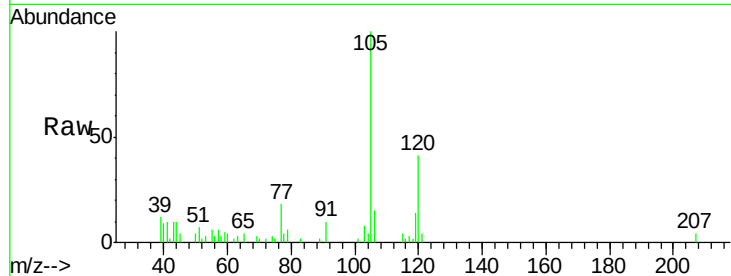
50139

Tot Ion:105 Resp: 17988

Ion Ratio Lower Upper

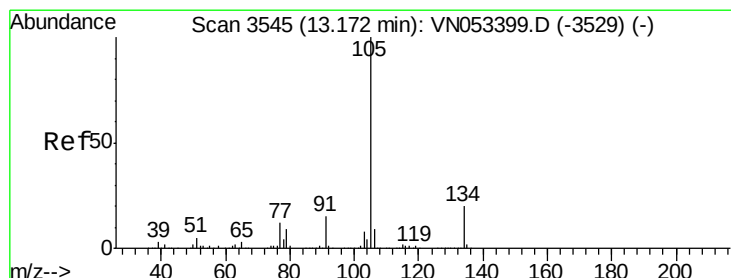
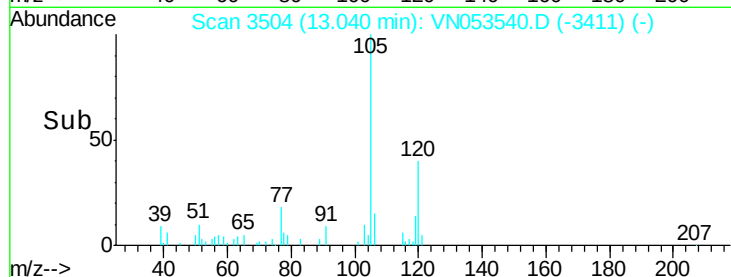
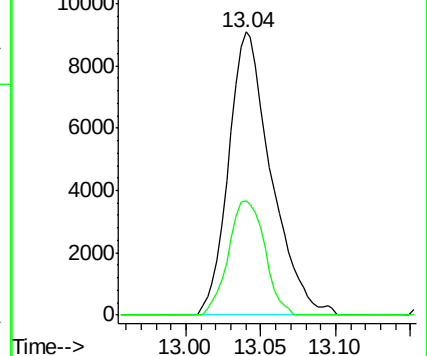
105 100

120 34.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.447 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053540.D

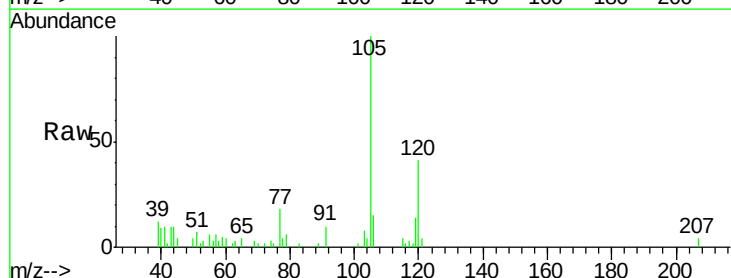
Acq: 28 Jan 2019 12:47

Tgt Ion:105 Resp: 17988

Ion Ratio Lower Upper

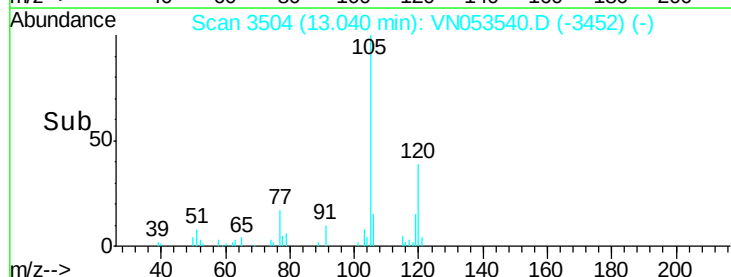
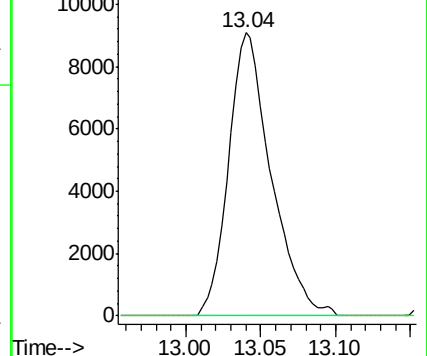
105 100

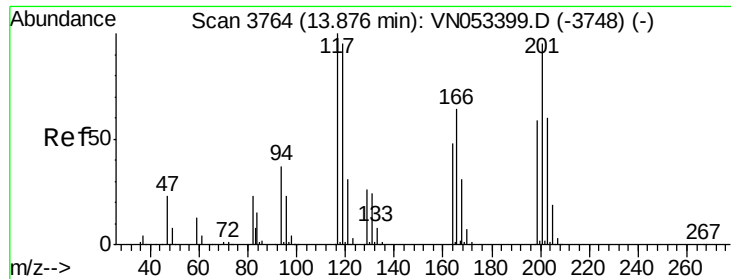
134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.697 ug/l

RT: 13.87 min Scan# 3761

Delta R.T. -0.01 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

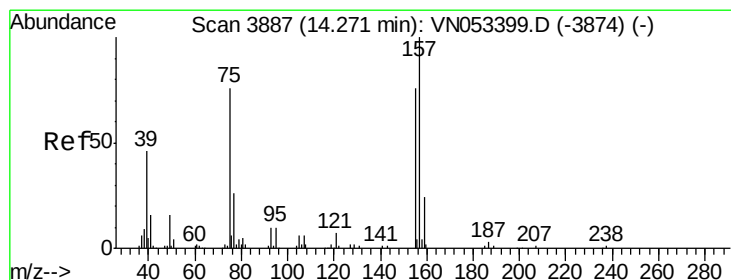
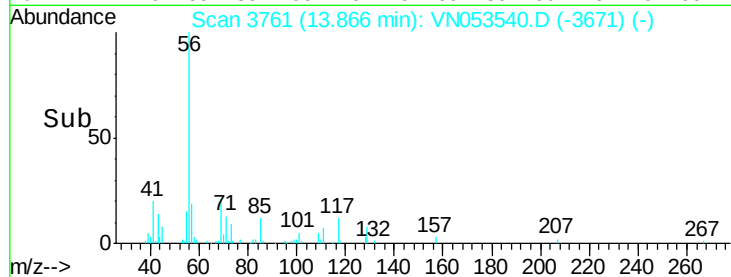
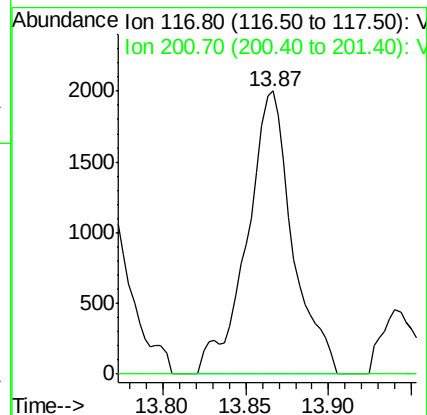
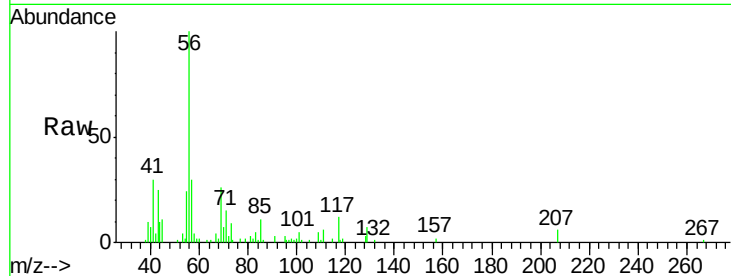
50139

Tot Ion:117 Resp: 3819

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.482 ug/l

RT: 14.13 min Scan# 3843

Delta R.T. -0.14 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

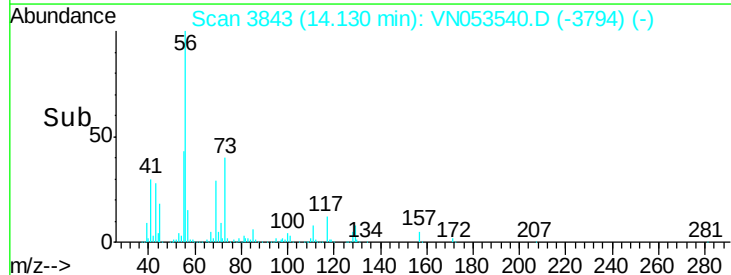
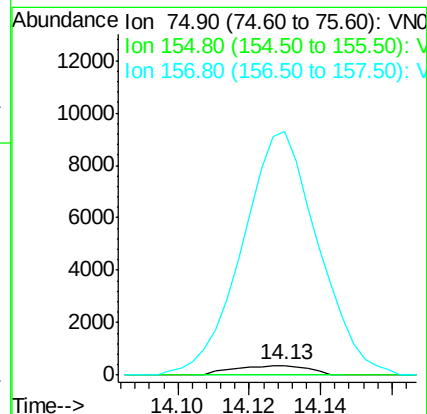
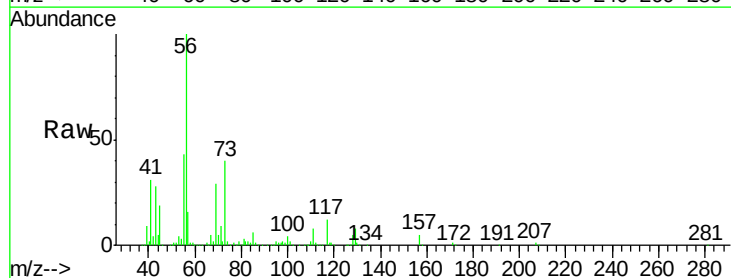
Tgt Ion: 75 Resp: 524

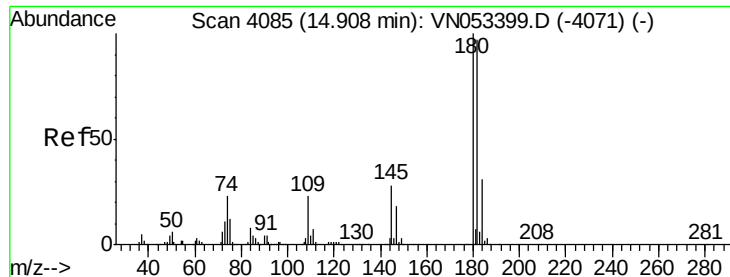
Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

157 2609.0 63.7 191.3#





#93

1,2,4-Trichlorobenzene

Concen: 2.775 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

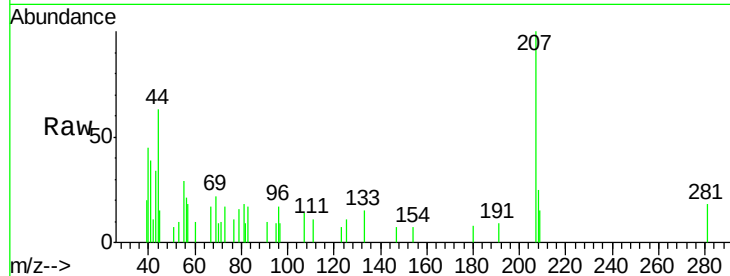
Tot Ion:180 Resp: 67

Ion Ratio Lower Upper

180 100

182 100.0 48.1 144.3

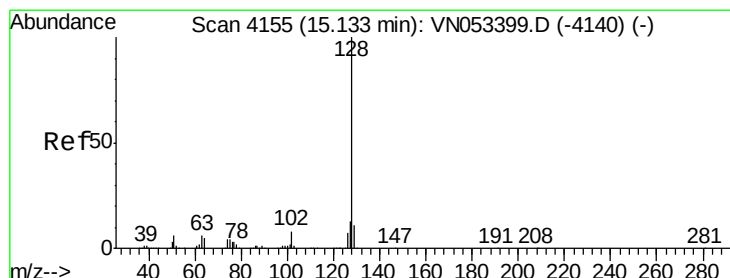
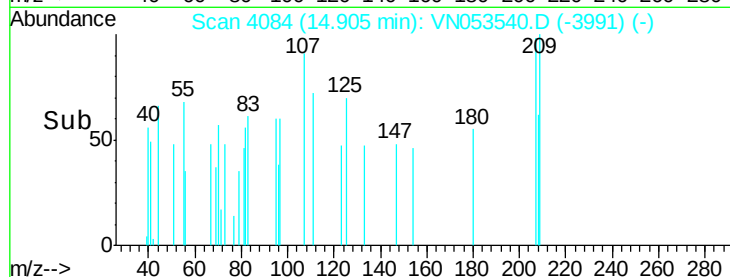
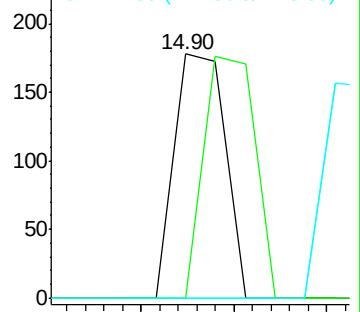
145 0.0 13.9 41.6#



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: 5.137 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

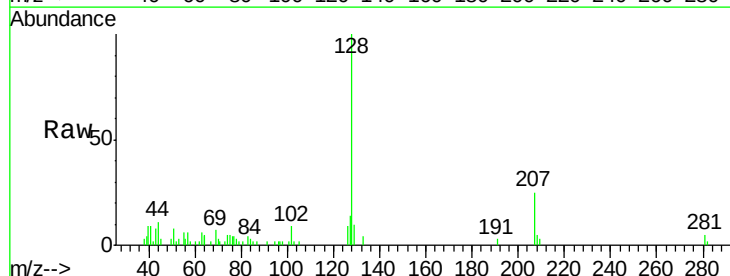
Tgt Ion:128 Resp: 17540

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

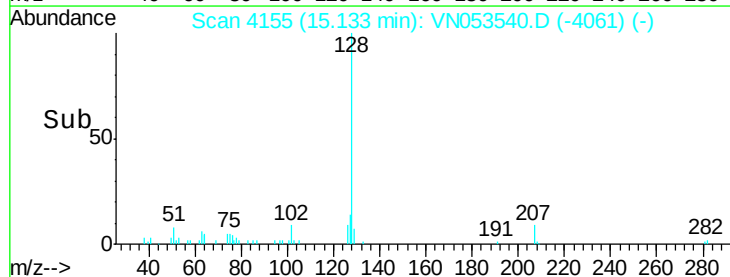
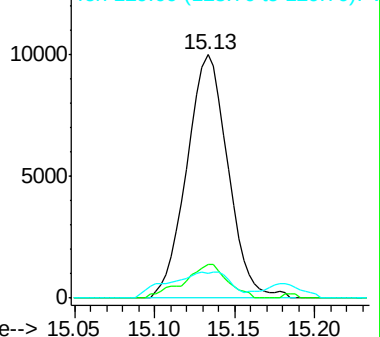
129 16.1 8.6 13.0#

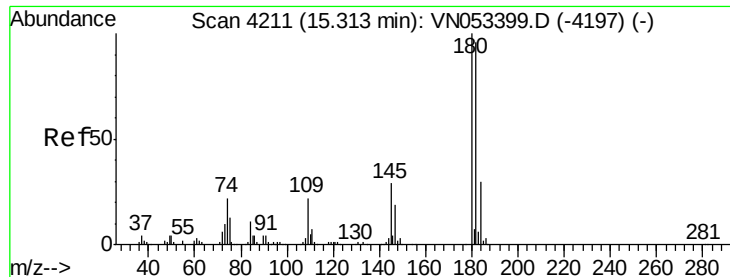


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.922 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN053540.D

Acq: 28 Jan 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

50139

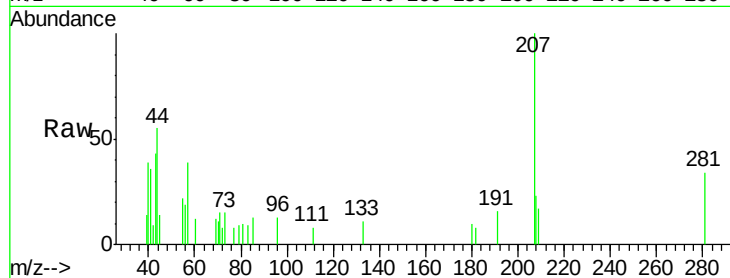
Tot Ion:180 Resp: 107

Ion Ratio Lower Upper

180 100

182 87.9 47.9 143.8

145 130.8 14.7 44.1#



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

