

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053539.D
 Acq On : 28 Jan 2019 12:21
 Operator : JC/SP
 Sample : K1256-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 50140

Quant Time: Jan 29 06:14:37 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	859277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1346460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1206496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	517223	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	435305	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	422591	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
50) Toluene-d8	10.09	98	1613982	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	541460	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

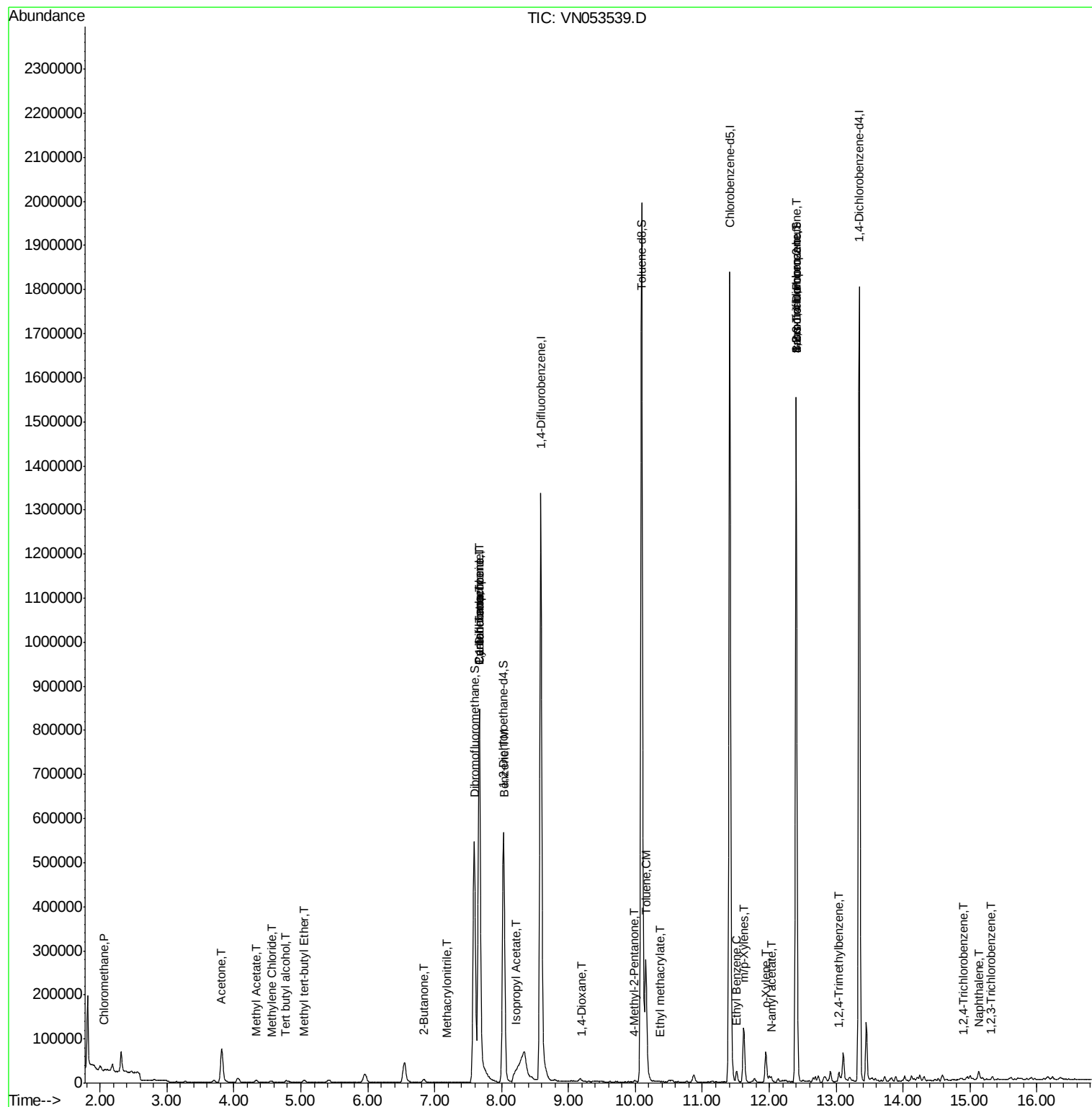
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2576	0.261	ug/l	93
11) Tert butyl alcohol	4.78	59	4262	10.255	ug/l #	90
16) Acetone	3.81	43	133323	66.908	ug/l	100
18) Methyl Acetate	4.34	43	8029	1.196	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	8110	0.399	ug/l #	89
20) Methylene Chloride	4.56	84	2538	0.279	ug/l #	95
25) 2-Butanone	6.83	43	9353	3.046	ug/l #	83
31) Cyclohexane	7.67	56	13816	0.705	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	51979	4.239	ug/l #	49
38) Carbon Tetrachloride	7.67	117	67894	5.848	ug/l #	15
40) Benzene	8.04	78	81216	2.180	ug/l	98
41) Methacrylonitrile	7.19	41	63	0.682	ug/l #	20
43) Isopropyl Acetate	8.21	43	22430	1.768	ug/l #	51
49) 1,4-Dioxane	9.20	88	616	9.630	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	1844	0.266	ug/l #	80
52) Toluene	10.16	92	116871	5.052	ug/l	100
56) Ethyl methacrylate	10.37	69	59	2.063	ug/l #	1
67) Ethyl Benzene	11.51	91	19780	0.454	ug/l	99
68) m/p-Xylenes	11.62	106	42968	2.615	ug/l	98
69) o-Xylene	11.95	106	18426	1.154	ug/l	96
71) Bromoform	12.40	173	3976	0.650	ug/l #	1
74) N-amyl acetate	12.03	43	9157	0.907	ug/l #	41
76) 1,2,3-Trichloropropane	12.40	75	251467	36.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	251467	91.171	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13606	0.438	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	30	2.770	ug/l #	1
95) Naphthalene	15.13	128	16585	5.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	105	3.923	ug/l #	24

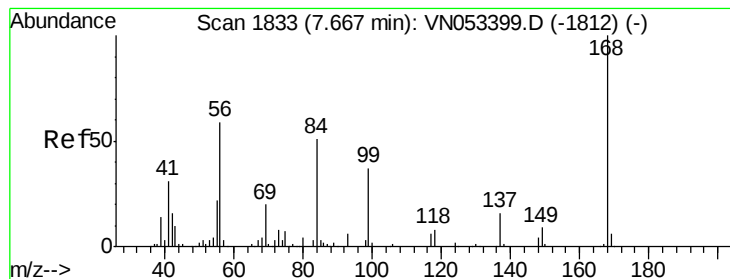
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053539.D
Acq On : 28 Jan 2019 12:21
Operator : JC/SP
Sample : K1256-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
50140

Quant Time: Jan 29 06:14:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

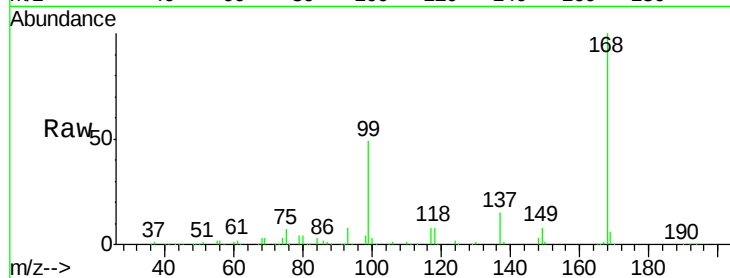
50140

Tot Ion:168 Resp: 859277

Ion Ratio Lower Upper

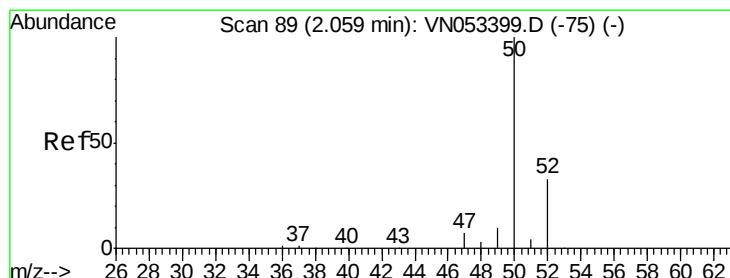
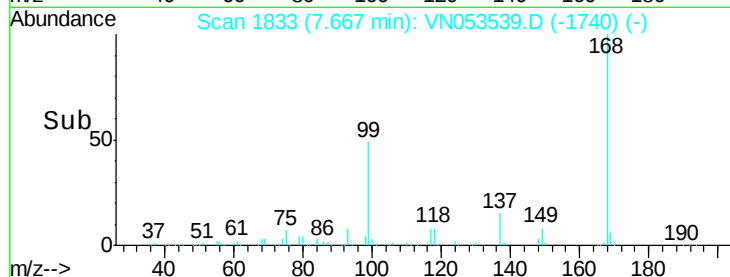
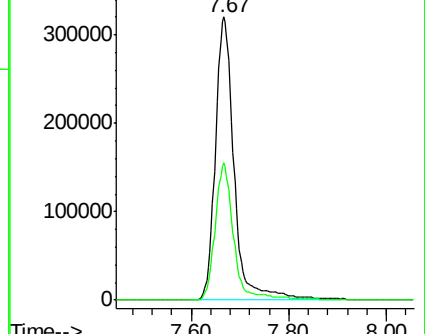
168 100

99 48.5 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: 0.261 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053539.D

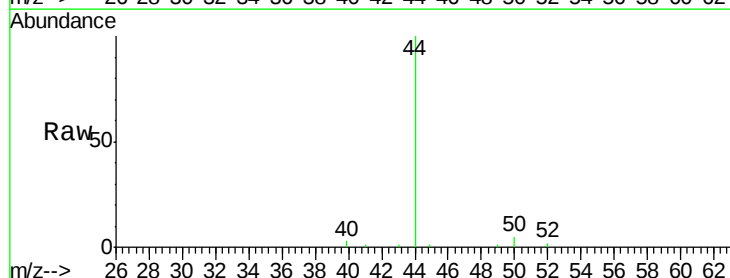
Acq: 28 Jan 2019 12:21

Tgt Ion: 50 Resp: 2576

Ion Ratio Lower Upper

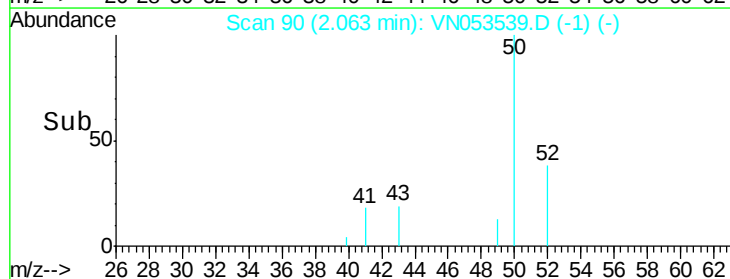
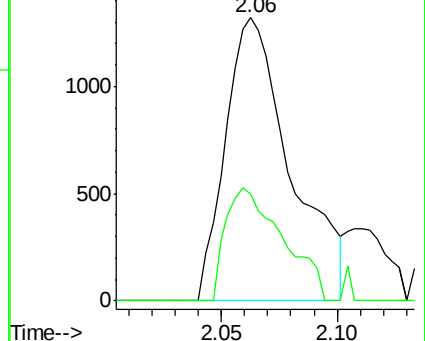
50 100

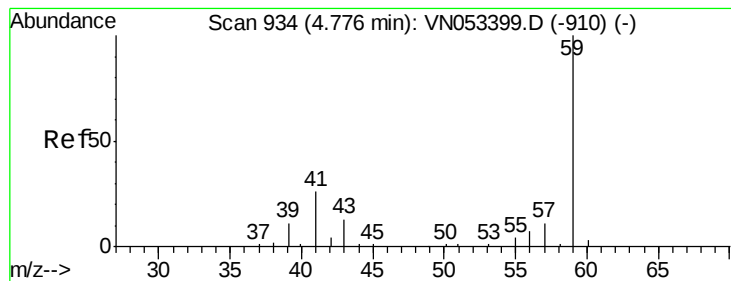
52 37.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



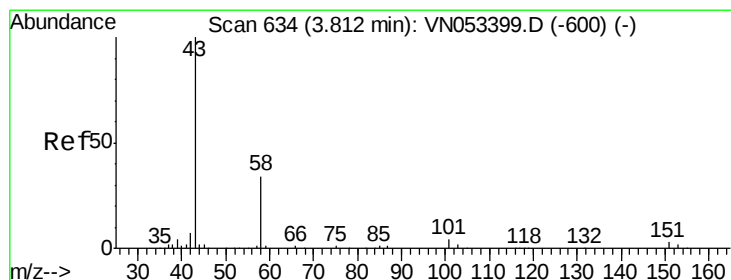
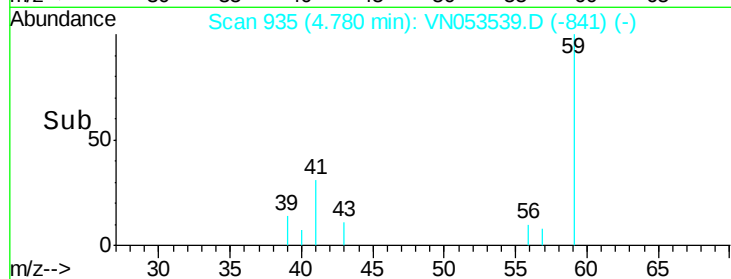
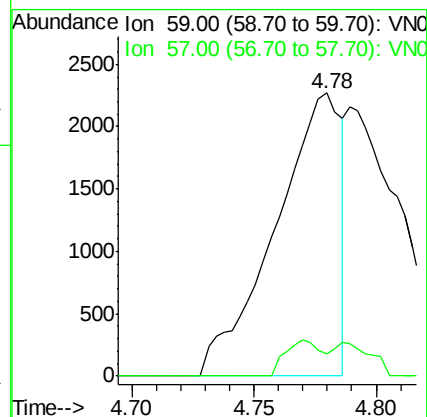
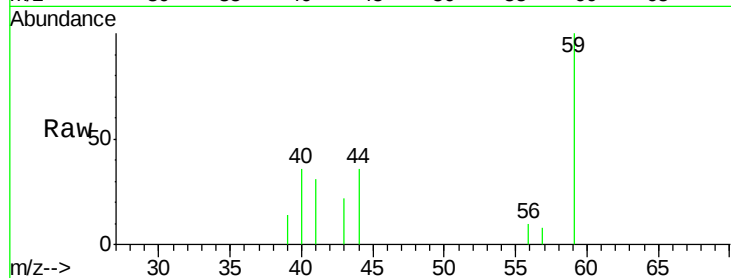


#11

Tert butyl alcohol
 Concen: 10.255 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 50140

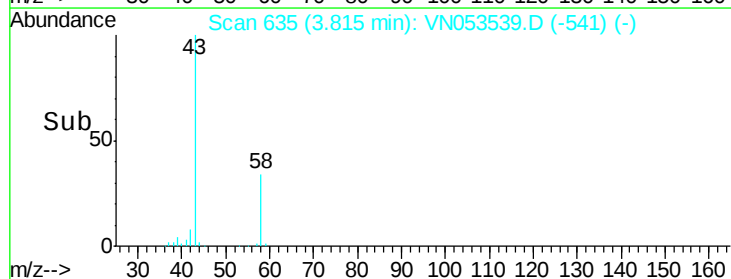
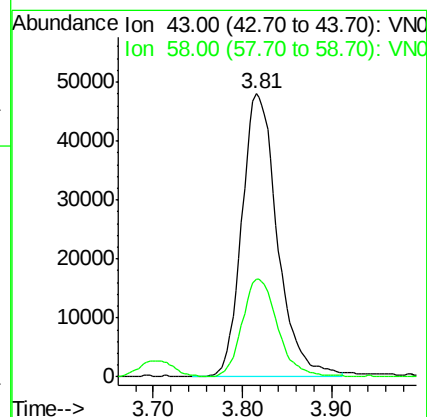
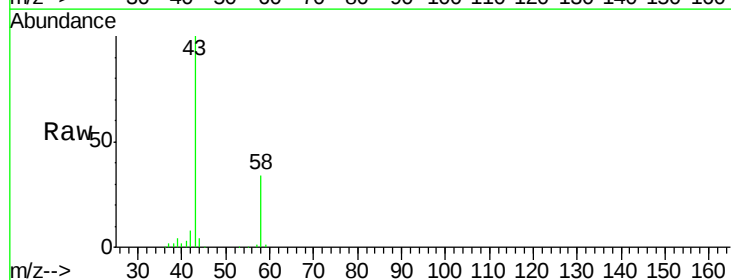
Tot Ion: 59 Resp: 4262
 Ion Ratio Lower Upper
 59 100
 57 6.7 8.2 12.4#

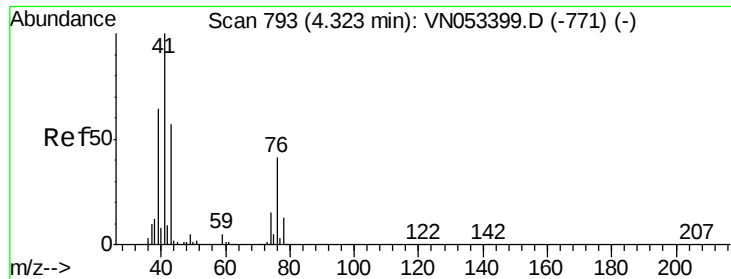


#16

Acetone
 Concen: 66.908 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

Tgt Ion: 43 Resp: 133323
 Ion Ratio Lower Upper
 43 100
 58 33.8 27.1 40.7

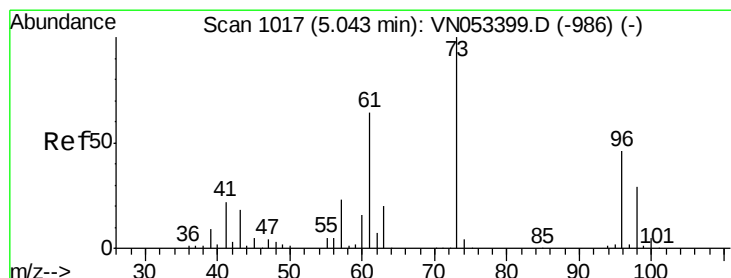
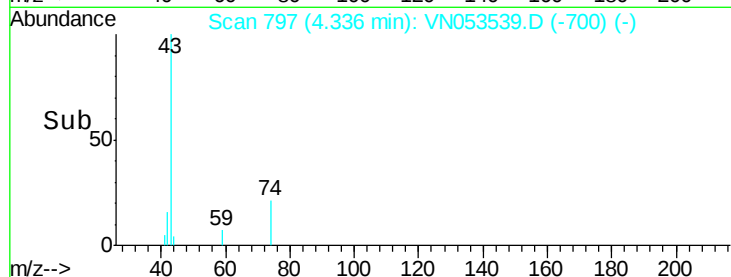
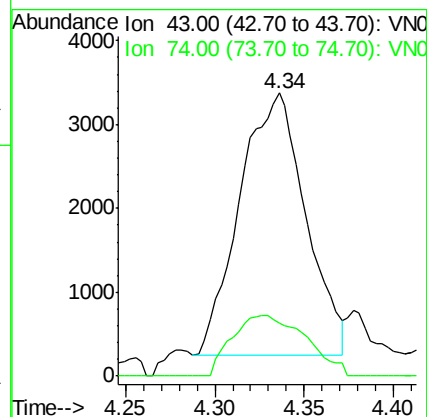
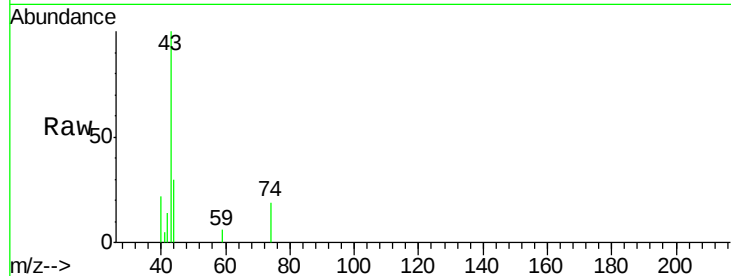




#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

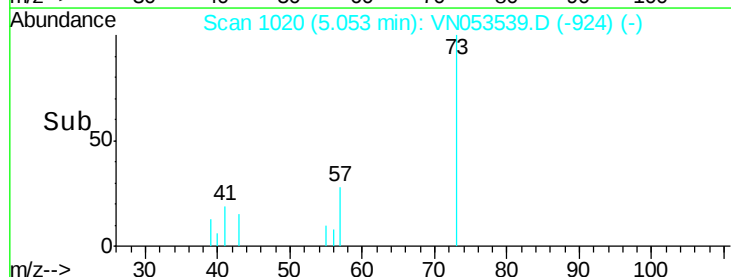
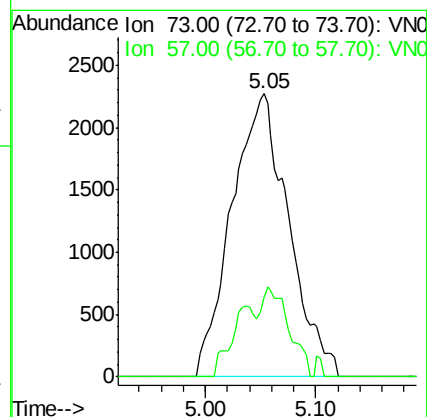
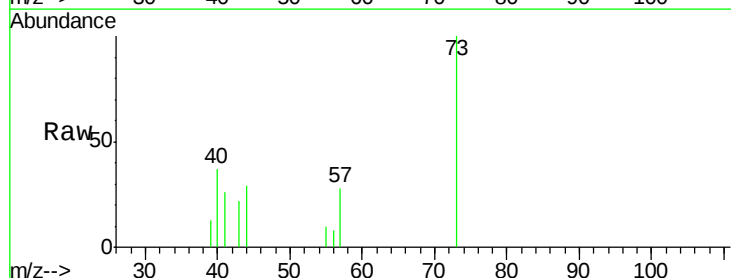
Instrument :
MSVOA_N
ClientSampled :
50140

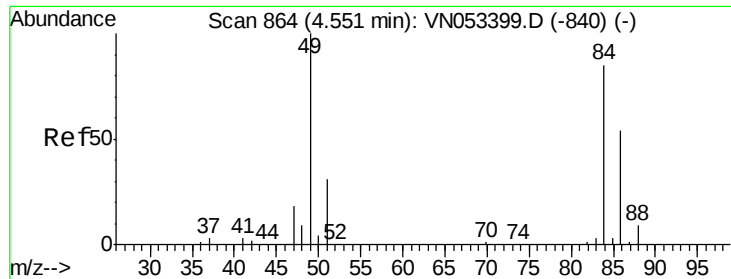
Tot Ion: 43 Resp: 8029
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 0.399 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion: 73 Resp: 8110
Ion Ratio Lower Upper
73 100
57 28.1 18.3 27.5#

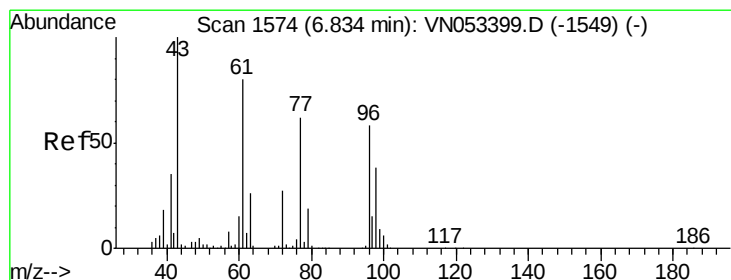
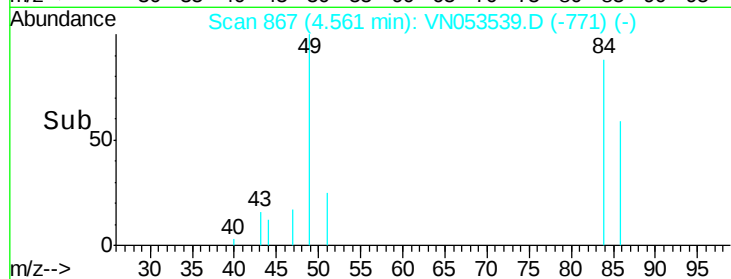
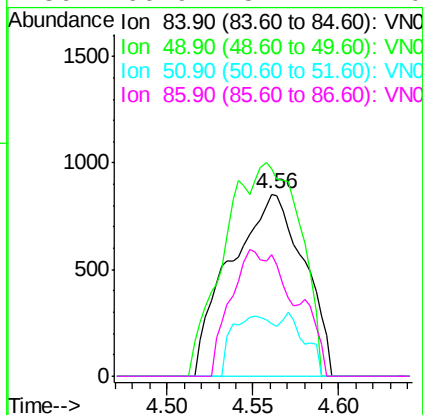
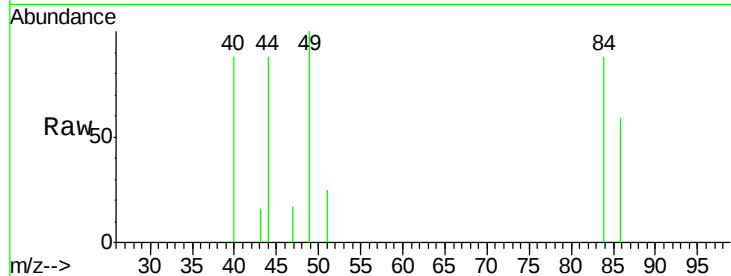




#20
Methvlene Chloride
Concen: 0.279 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

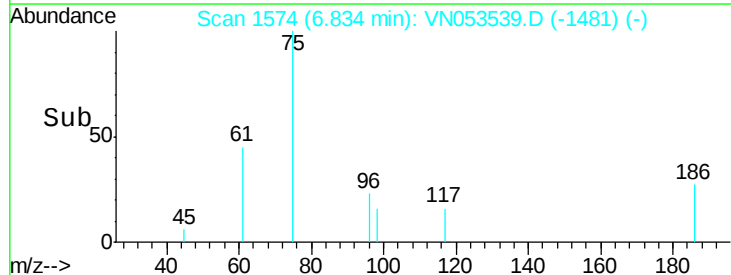
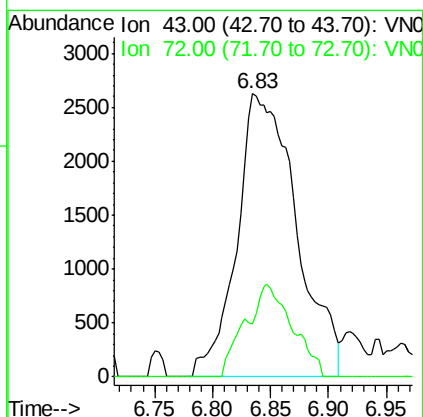
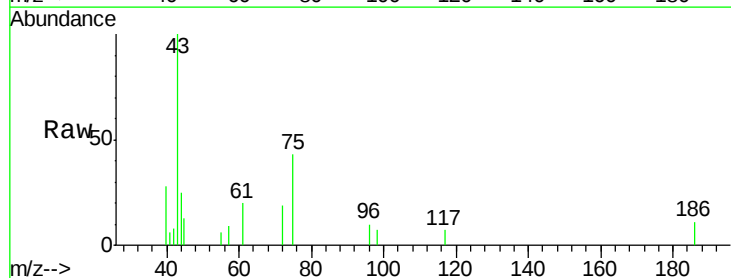
Instrument :
MSVOA_N
ClientSampled :
50140

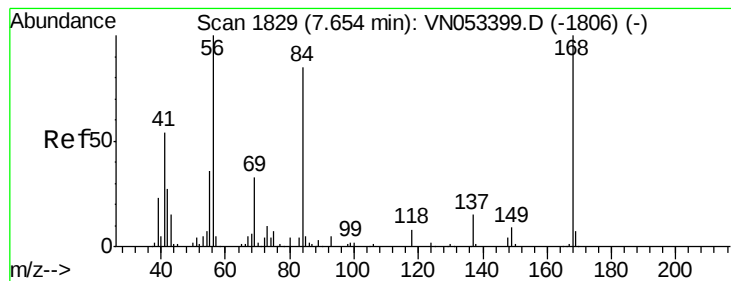
Tot Ion: 84 Resp: 2538
Ion Ratio Lower Upper
84 100
49 113.9 94.3 141.5
51 28.6 29.4 44.2#
86 66.9 51.4 77.0



#25
2-Butanone
Concen: 3.046 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion: 43 Resp: 9353
Ion Ratio Lower Upper
43 100
72 18.6 22.0 33.0#





#31

Cyclohexane

Concen: 0.705 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

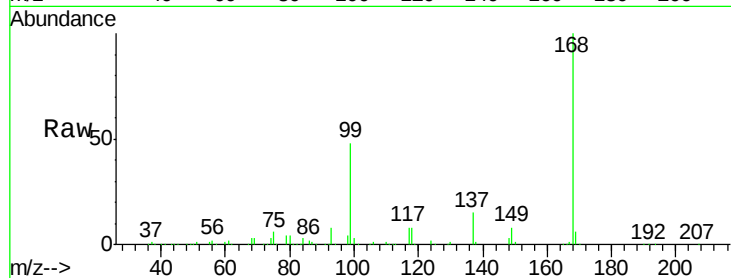
Tot Ion: 56 Resp: 13816

Ion Ratio Lower Upper

56 100

69 177.5 26.4 39.6#

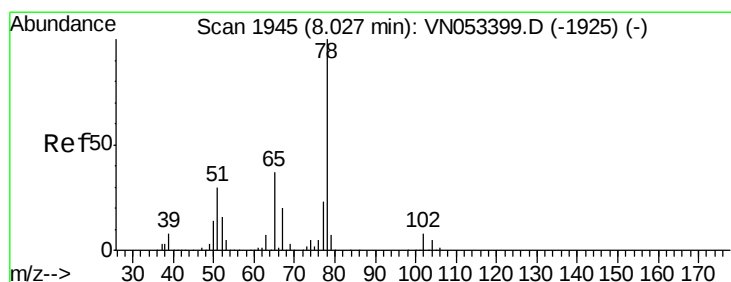
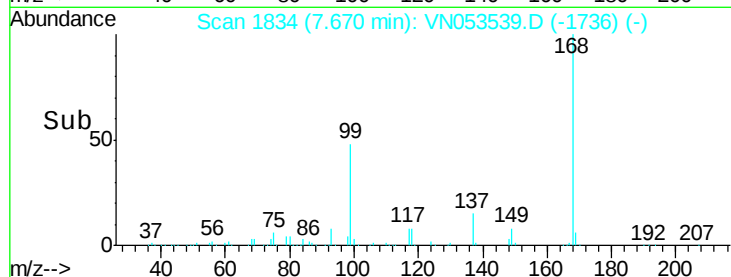
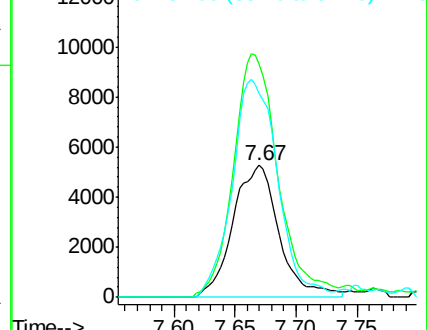
84 154.4 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053539.D

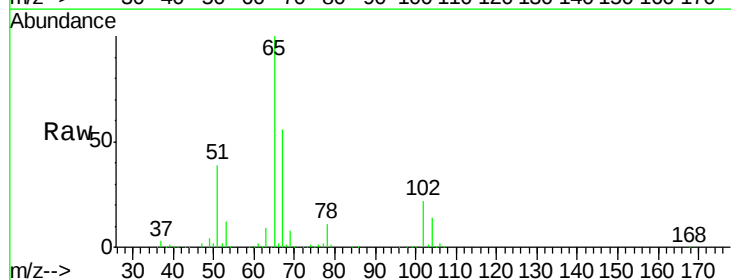
Acq: 28 Jan 2019 12:21

Tgt Ion: 65 Resp: 435305

Ion Ratio Lower Upper

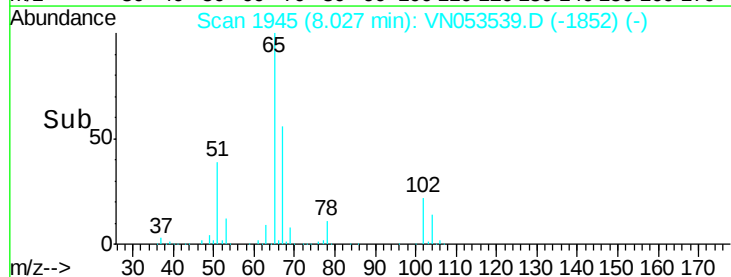
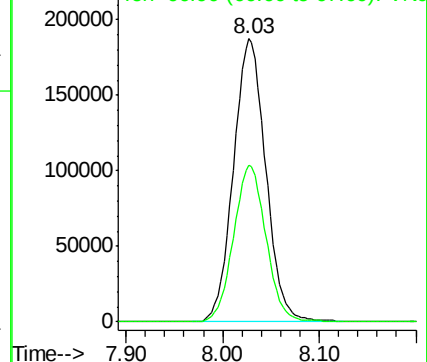
65 100

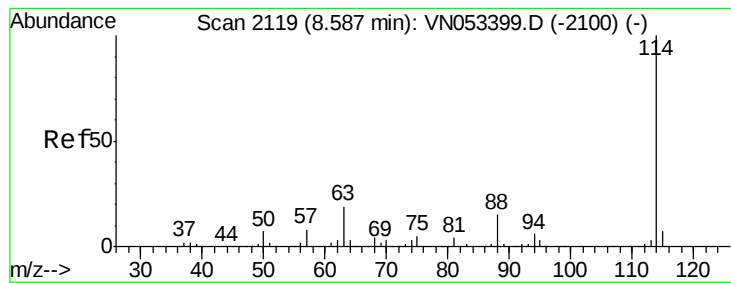
67 55.6 0.0 111.2



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: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

50140

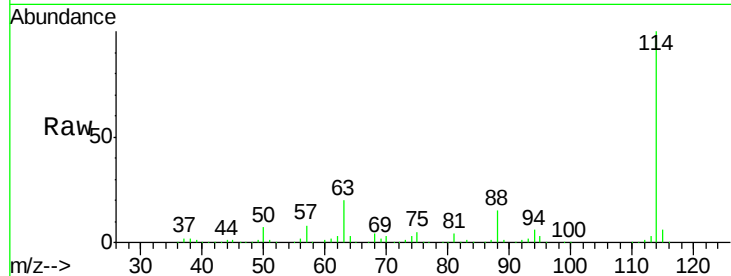
Tot Ion:114 Resp: 1346460

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

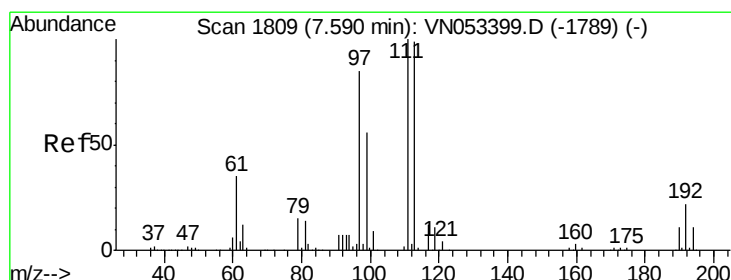
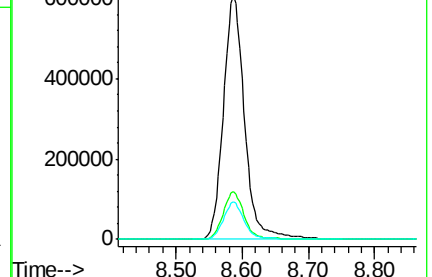
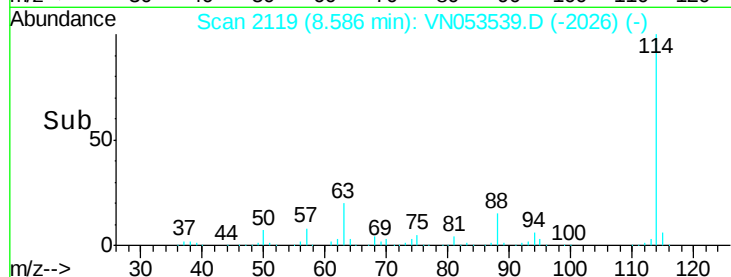
88 15.3 0.0 30.4



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: VN053539.D

Acq: 28 Jan 2019 12:21

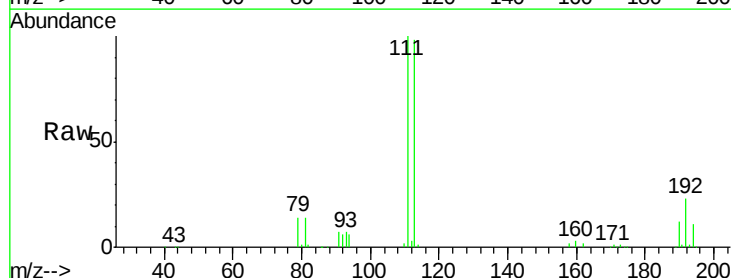
Tgt Ion:113 Resp: 422591

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

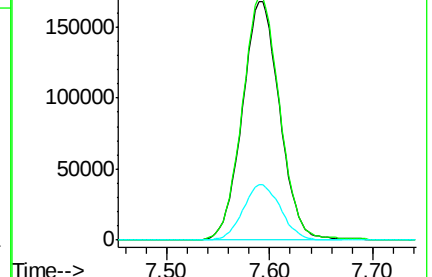
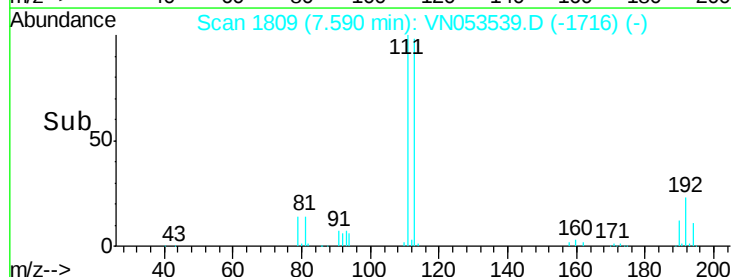
192 23.4 18.2 27.2

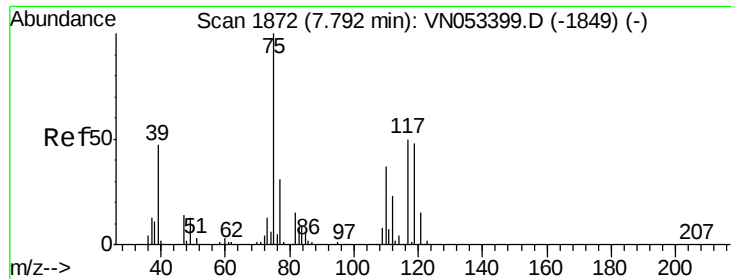


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

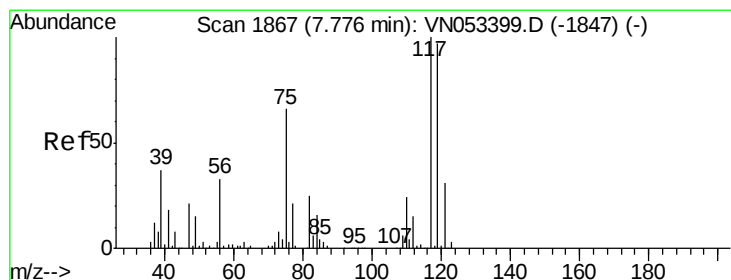
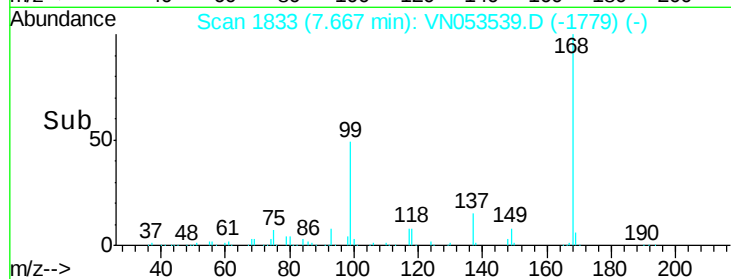
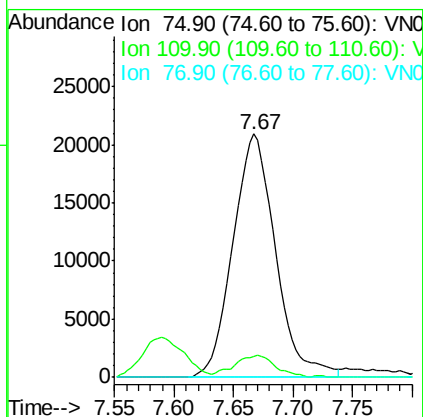
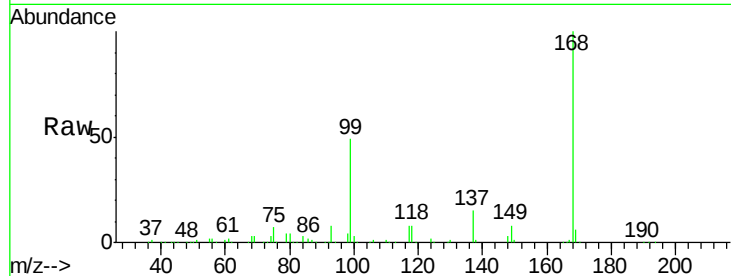




#36
 1,1-Dichloropropene
 Concen: 4.239 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

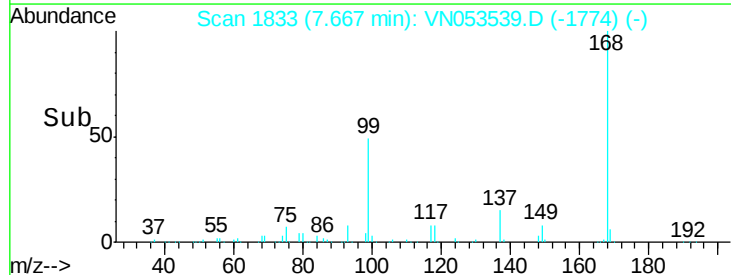
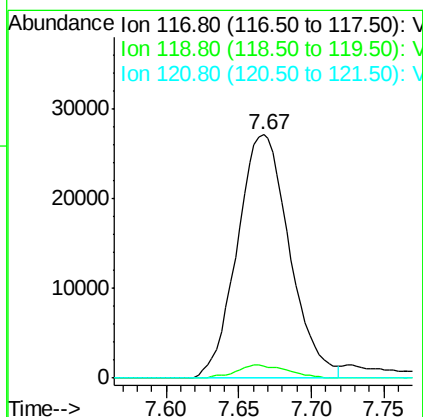
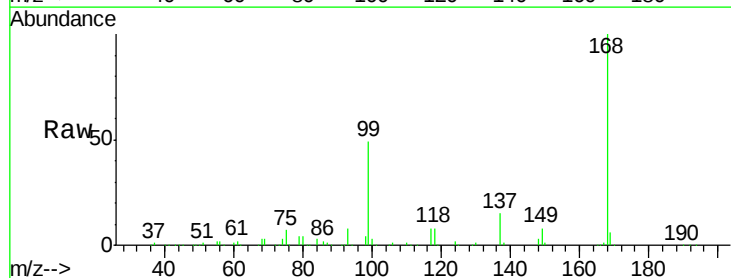
Instrument :
 MSVOA_N
 ClientSampled :
 50140

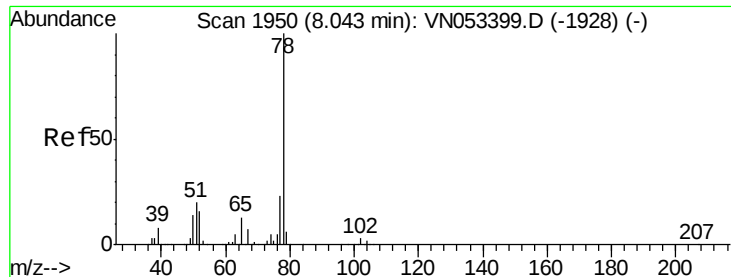
Tot Ion: 75 Resp: 51979
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.3#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.848 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

Tgt Ion: 117 Resp: 67894
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.2 115.8#
 121 0.0 24.6 37.0#





#40

Benzene

Concen: 2.180 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

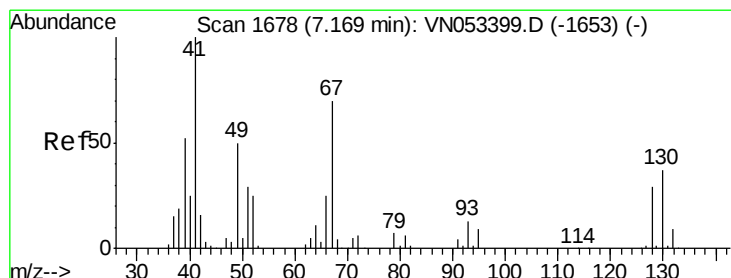
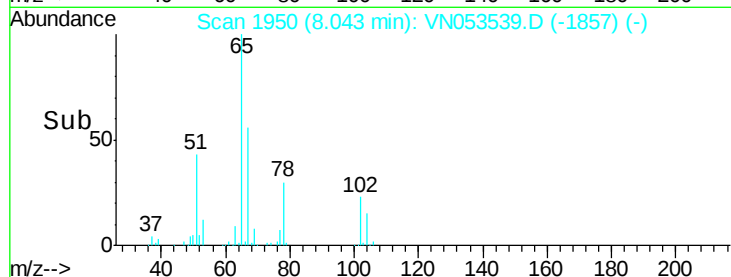
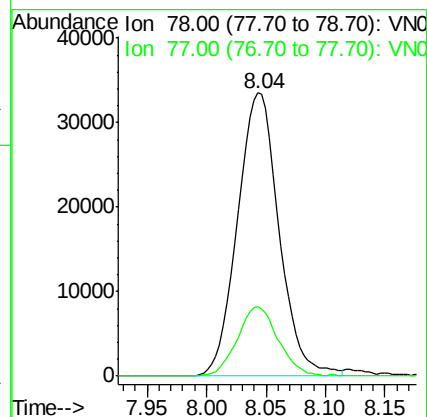
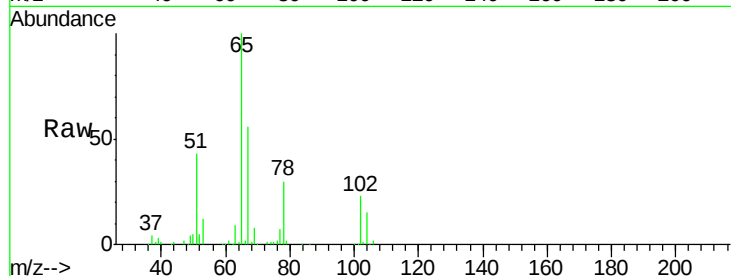
50140

Tot Ion: 78 Resp: 81216

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2



#41

Methacrylonitrile

Concen: 0.682 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.02 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Tgt Ion: 41 Resp: 63

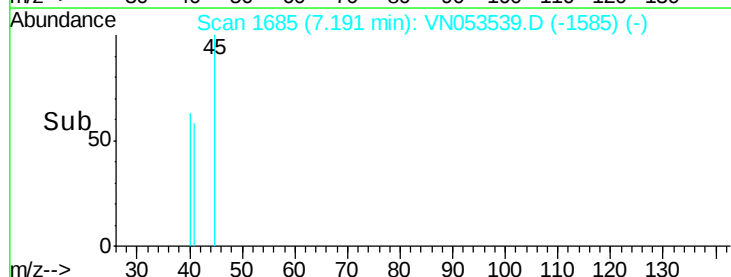
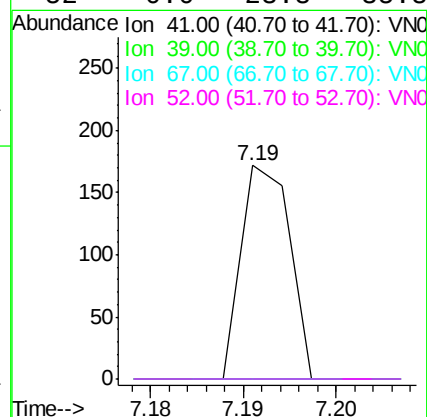
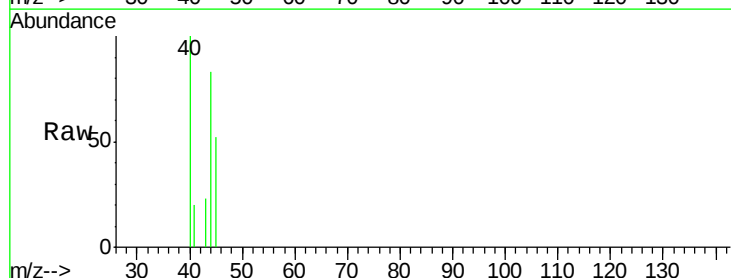
Ion Ratio Lower Upper

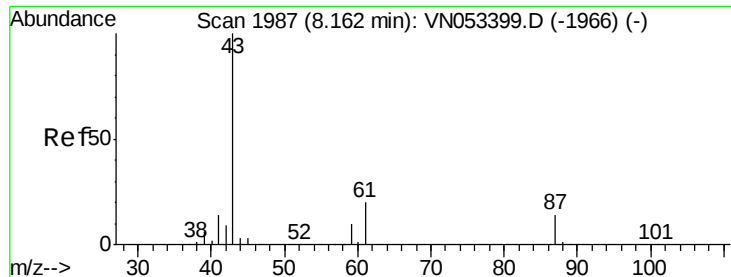
41 100

39 0.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#





#43

Isopropyl Acetate

Concen: 1.768 ug/l

RT: 8.21 min Scan# 2001

Delta R.T. 0.04 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

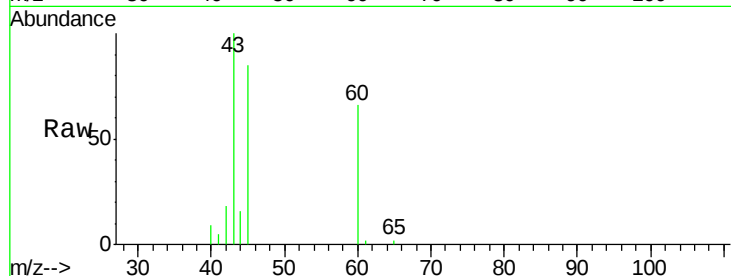
Tot Ion: 43 Resp: 22430

Ion Ratio Lower Upper

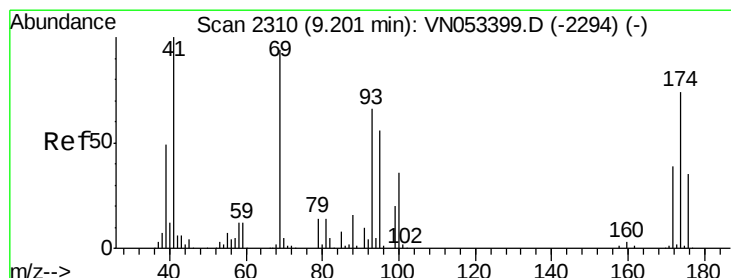
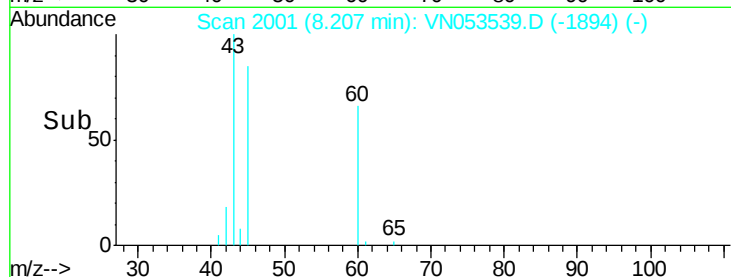
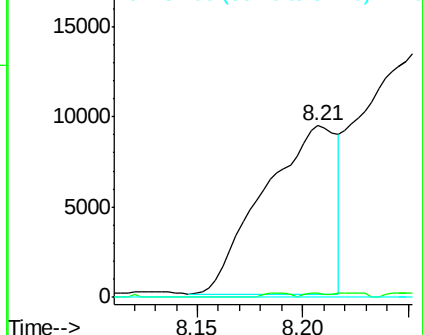
43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#



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



#49

1,4-Dioxane

Concen: 9.630 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

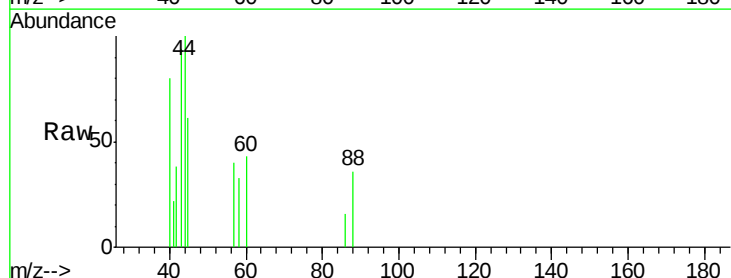
Tgt Ion: 88 Resp: 616

Ion Ratio Lower Upper

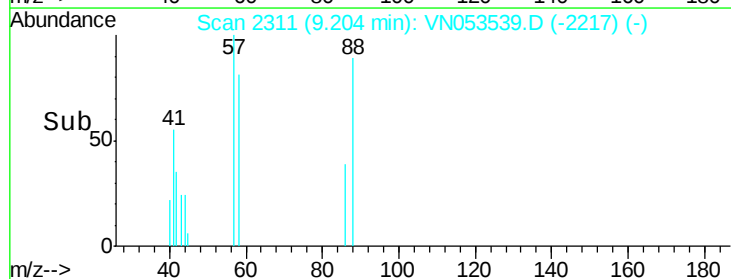
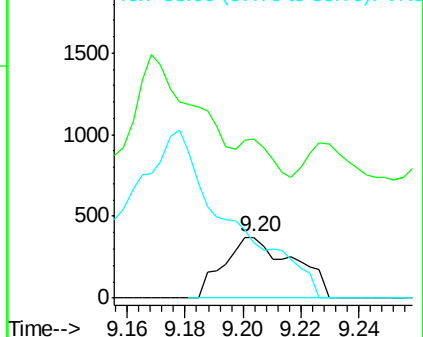
88 100

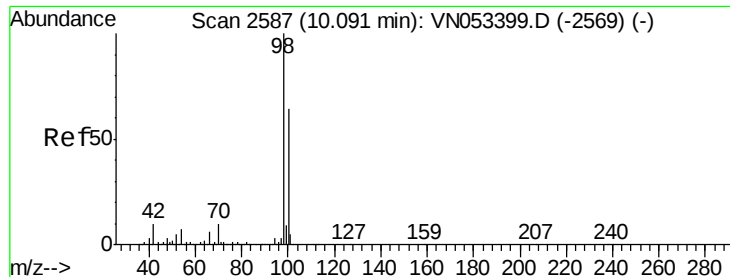
43 0.0 27.8 41.6#

58 0.0 56.5 84.7#



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: 9.630 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

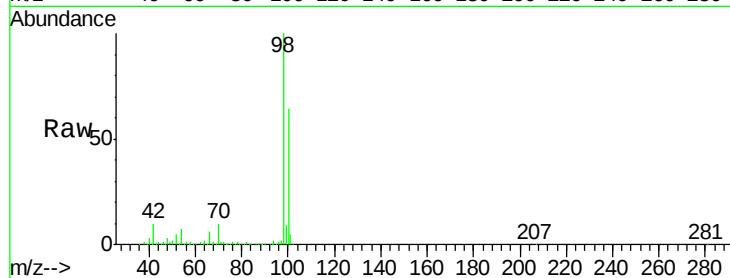
50140

Tot Ion: 98 Resp: 1613982

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)

10.09

800000

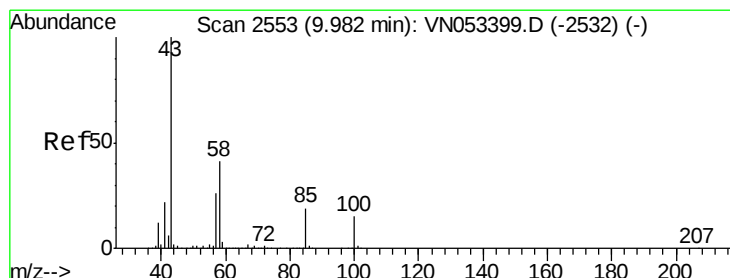
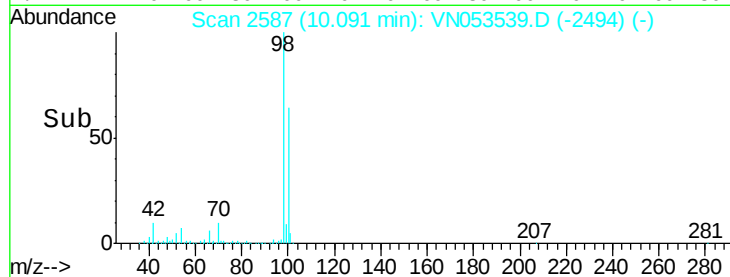
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.266 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053539.D

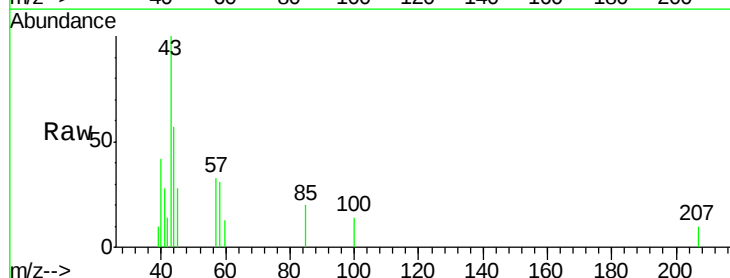
Acq: 28 Jan 2019 12:21

Tgt Ion: 43 Resp: 1844

Ion Ratio Lower Upper

43 100

58 53.5 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-2532) (-)

9.99

2000

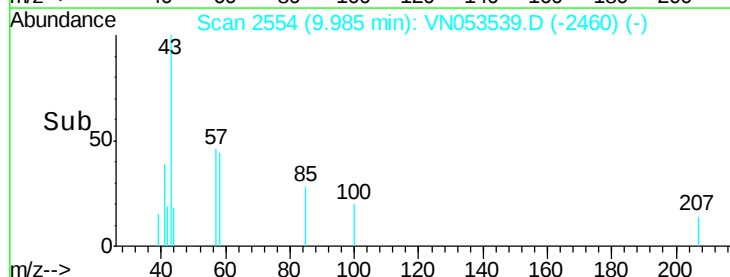
1500

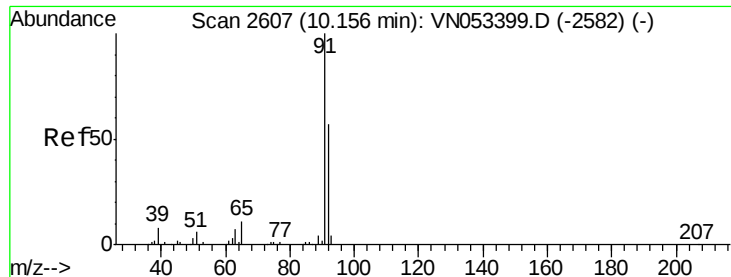
1000

500

0

Time-->





#52

Toluene

Concen: 5.052 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

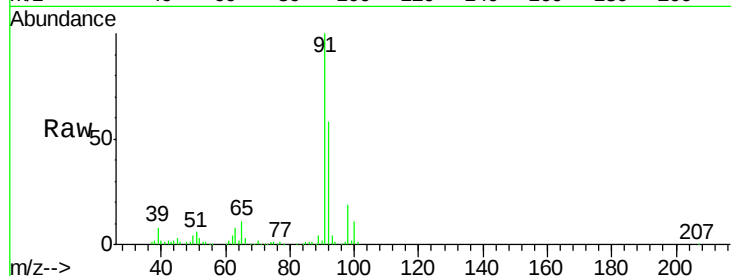
50140

Tot Ion: 92 Resp: 116871

Ion Ratio Lower Upper

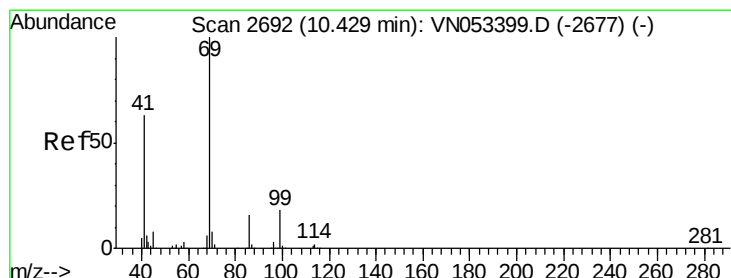
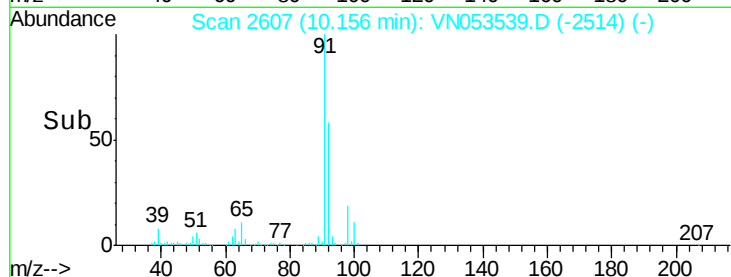
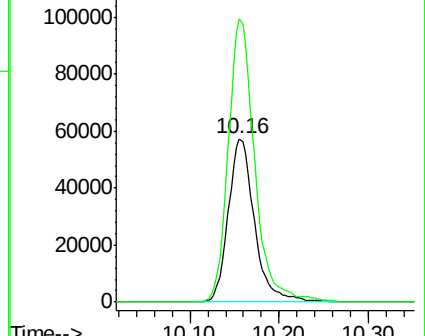
92 100

91 175.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.063 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.06 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

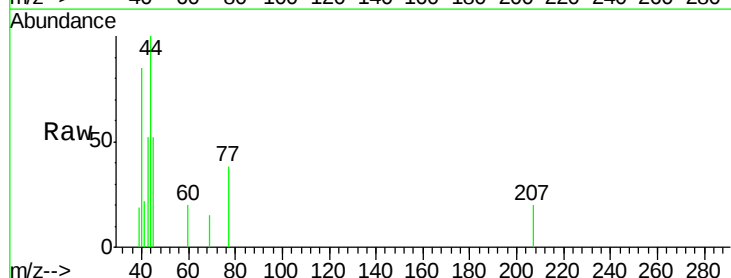
Tgt Ion: 69 Resp: 59

Ion Ratio Lower Upper

69 100

41 327.1 49.4 74.0#

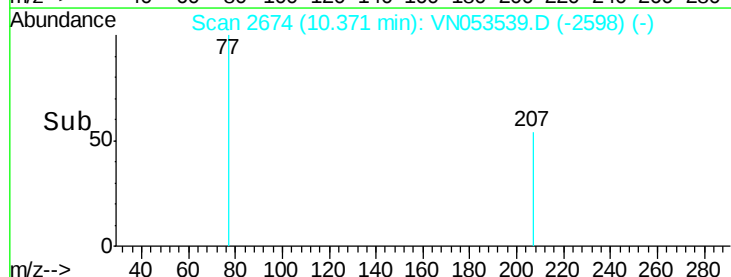
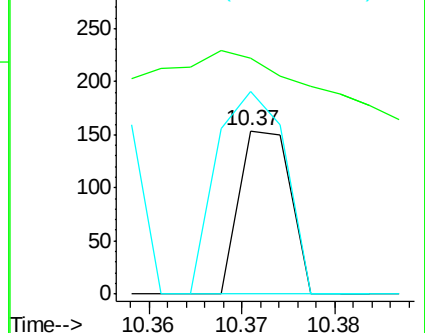
39 0.0 23.3 34.9#

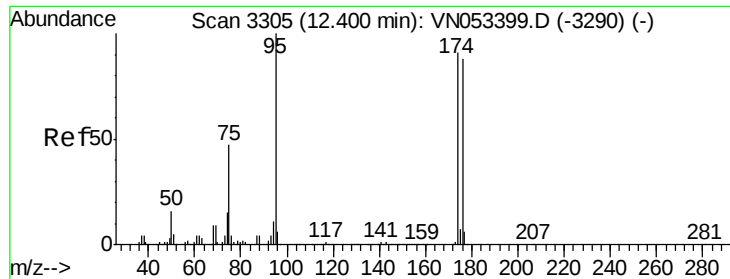


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

50140

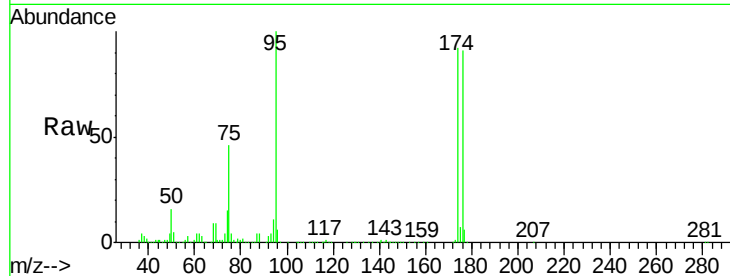
Tot Ion: 95 Resp: 541460

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.2

176 89.6 0.0 177.4



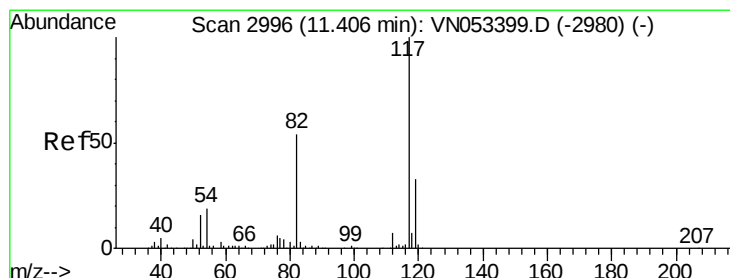
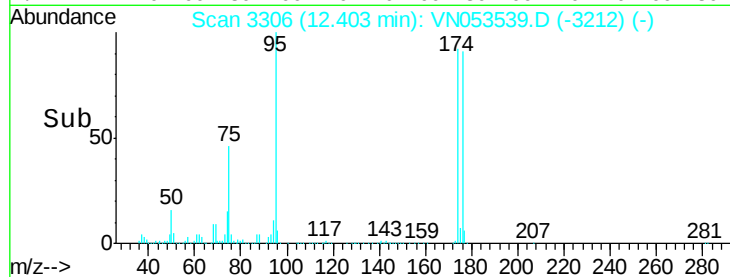
Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

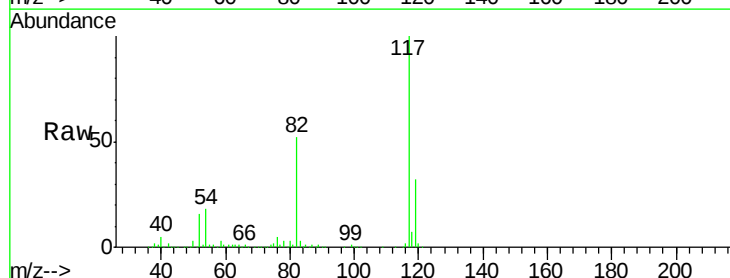
Tgt Ion: 117 Resp: 1206496

Ion Ratio Lower Upper

117 100

82 52.2 42.9 64.3

119 31.7 26.0 39.0



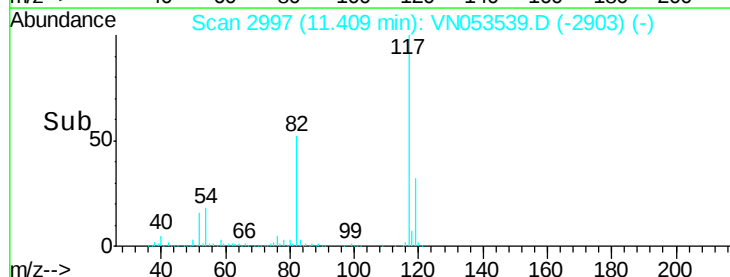
Abundance Ion 116.90 (116.60 to 117.60): VN

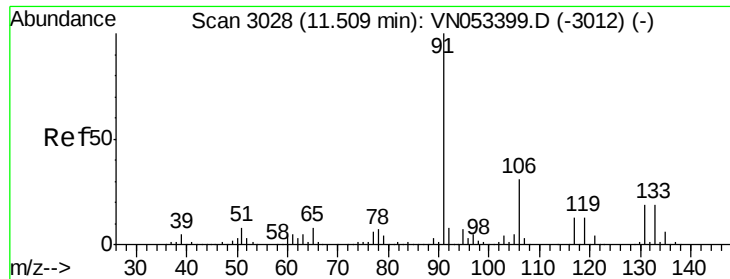
Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN

11.41

Time--> 11.30 11.40 11.50

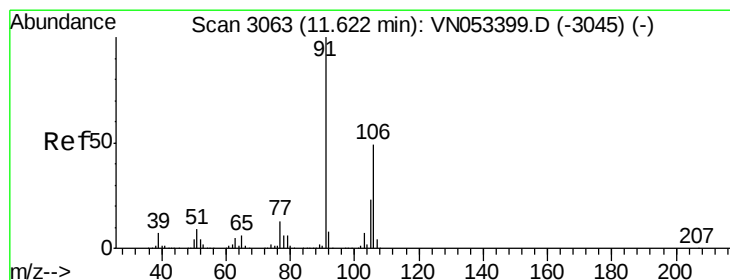
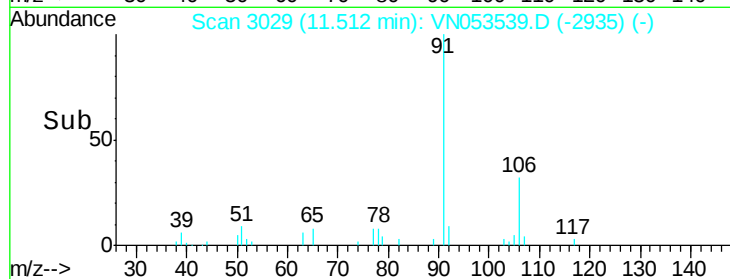
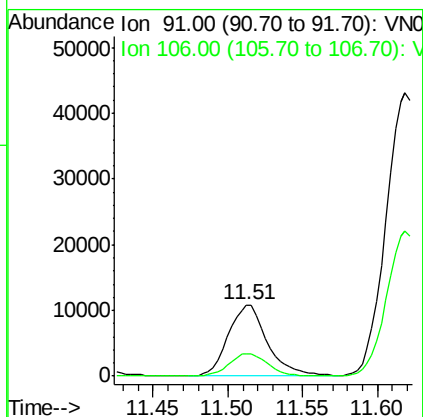
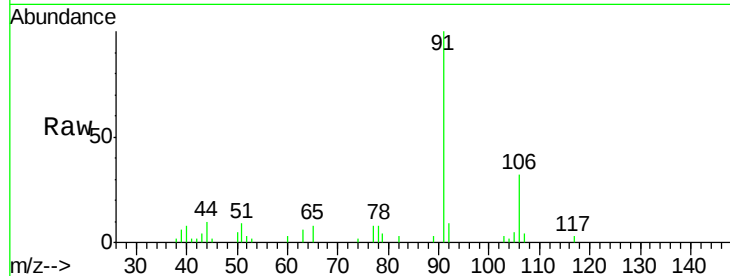




#67
Ethyl Benzene
Concen: 0.454 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

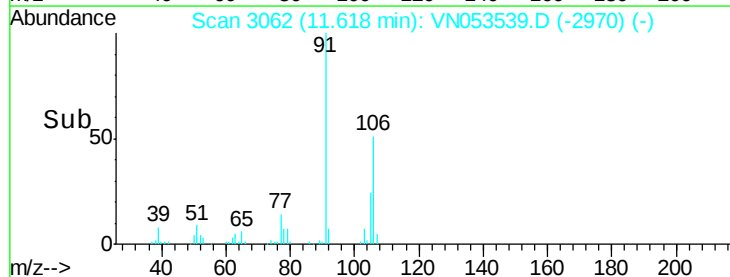
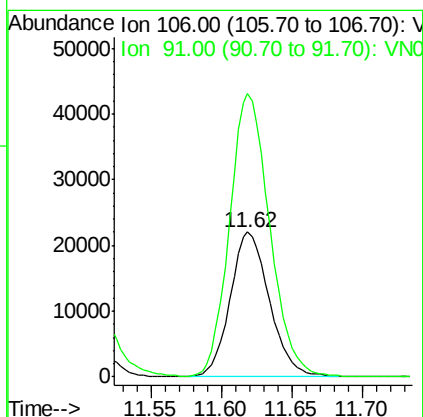
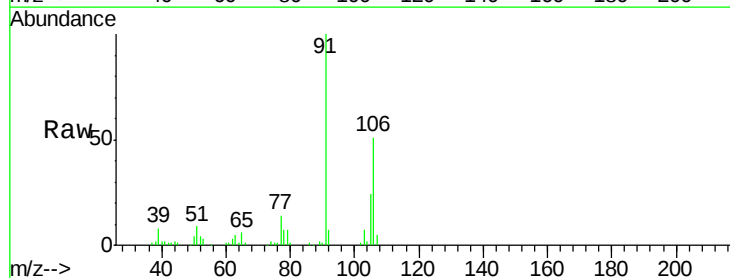
Instrument :
MSVOA_N
ClientSampled :
50140

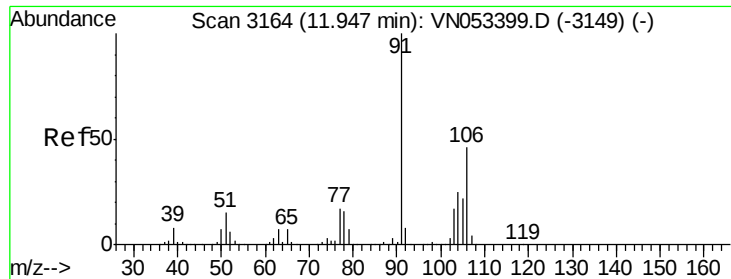
Tot Ion: 91 Resp: 19780
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 2.615 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion: 106 Resp: 42968
Ion Ratio Lower Upper
106 100
91 199.5 161.4 242.2

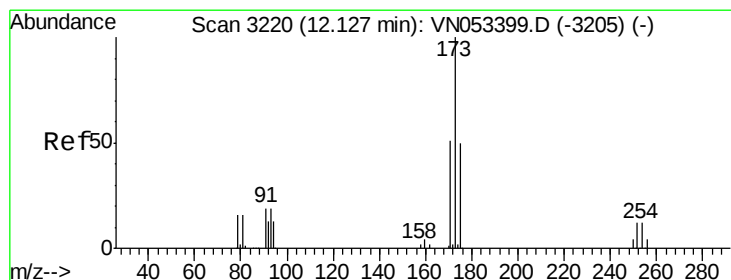
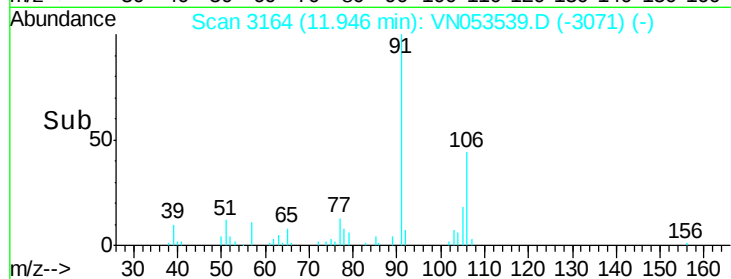
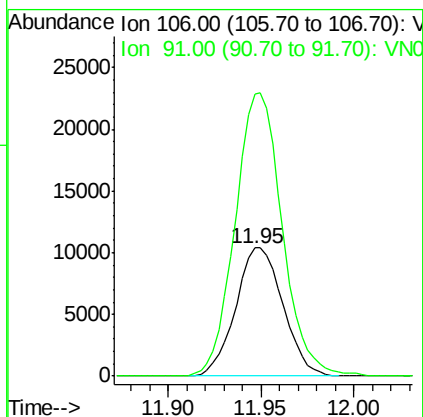
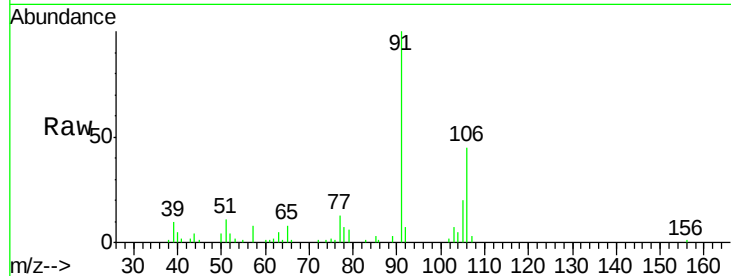




#69
o-Xylene
Concen: 1.154 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

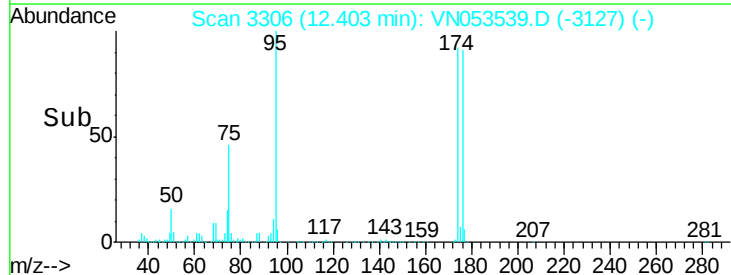
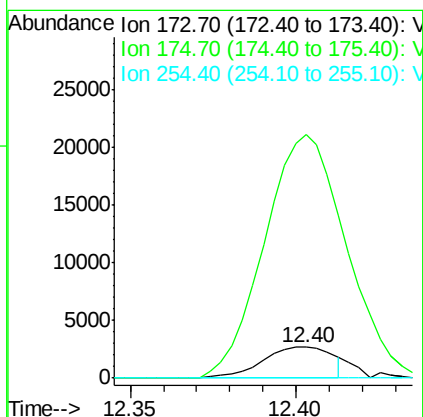
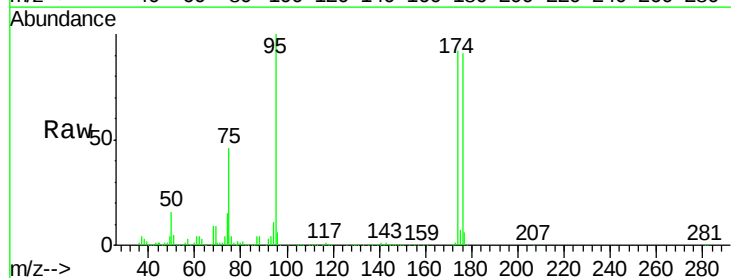
Instrument :
MSVOA_N
ClientSampled :
50140

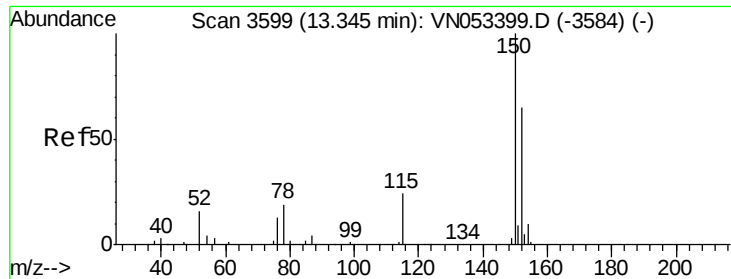
Tot Ion:106 Resp: 18426
Ion Ratio Lower Upper
106 100
91 220.1 106.9 320.8



#71
Bromoform
Concen: 0.650 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion:173 Resp: 3976
Ion Ratio Lower Upper
173 100
175 761.0 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

50140

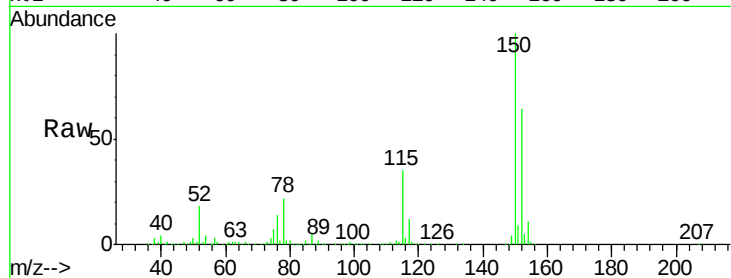
Tot Ion:152 Resp: 517223

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

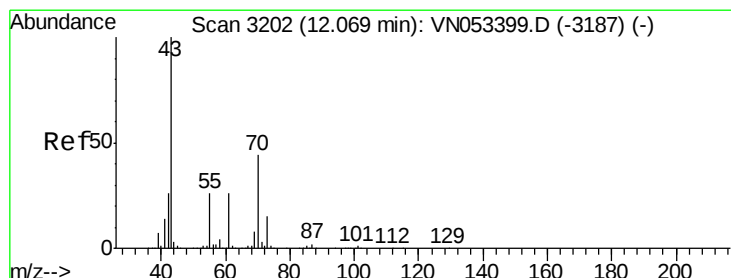
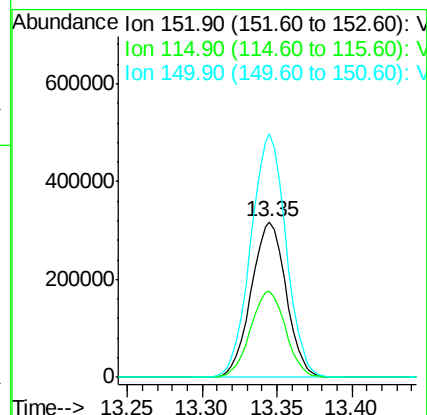
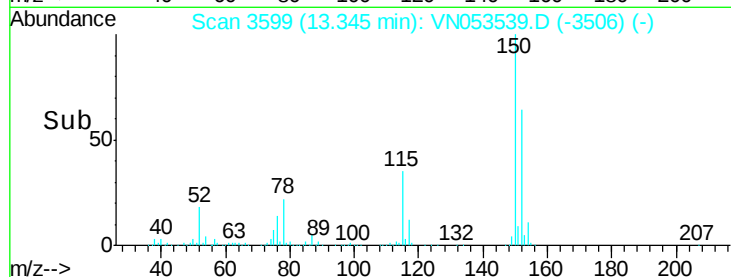
150 157.7 0.0 349.0



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-ethyl acetate

Concen: 0.907 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Tgt Ion: 43 Resp: 9157

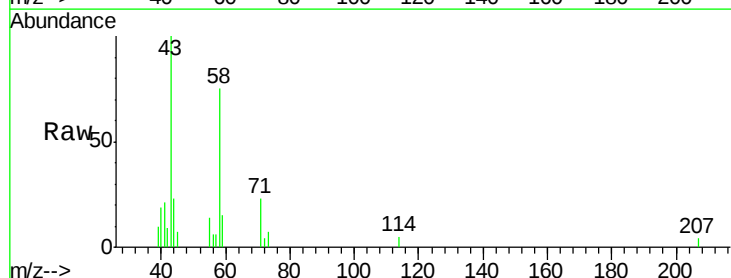
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.2#

55 0.0 20.9 31.3#

61 0.0 20.5 30.7#

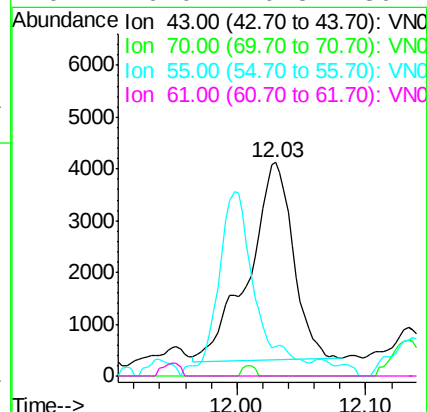
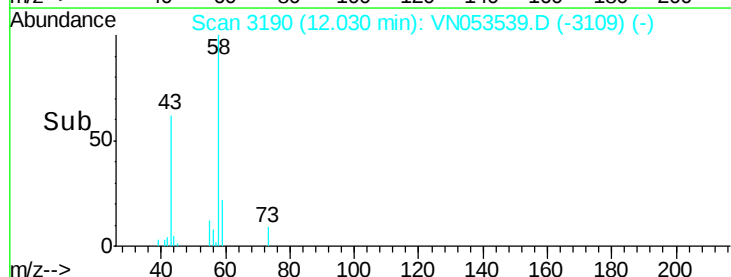


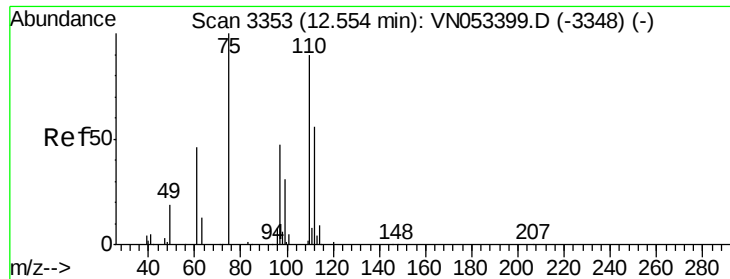
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

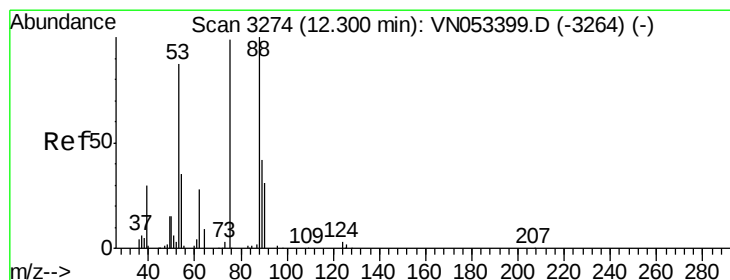
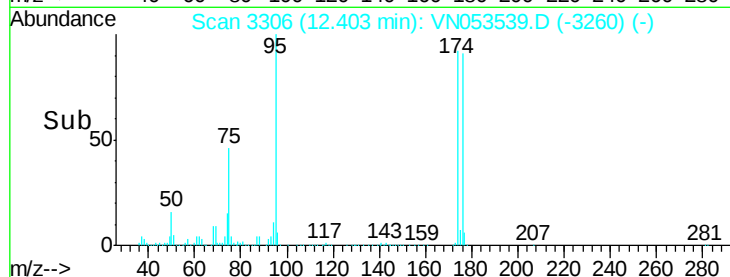
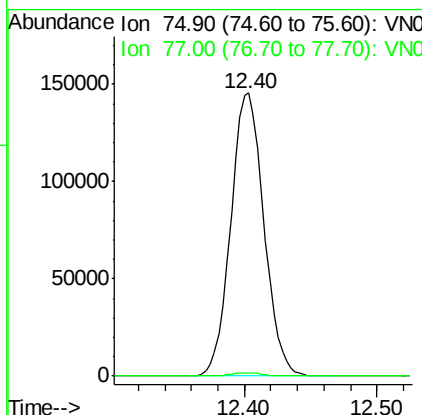
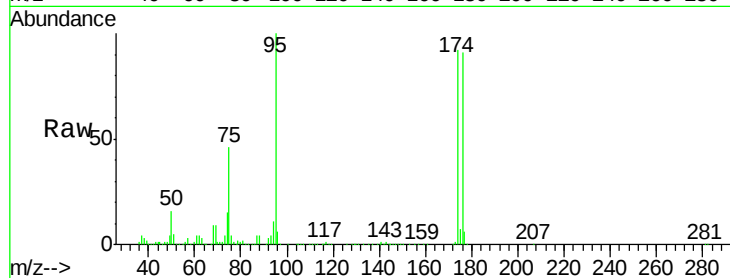




#76
 1,2,3-Trichloropropane
 Concen: 36.894 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

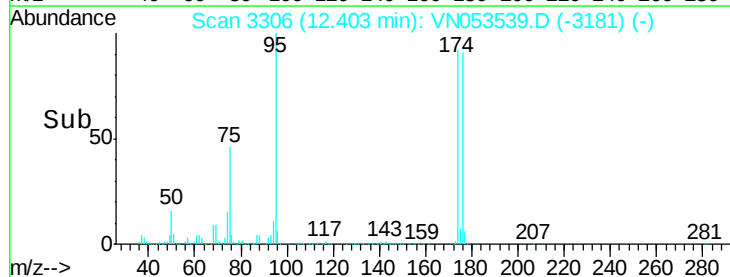
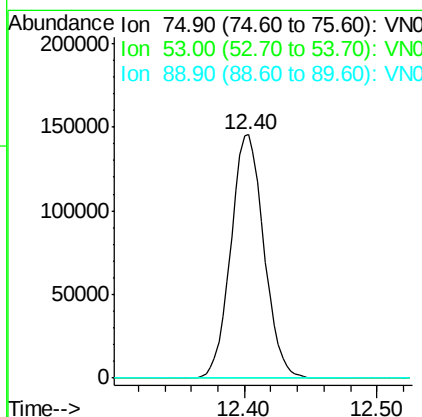
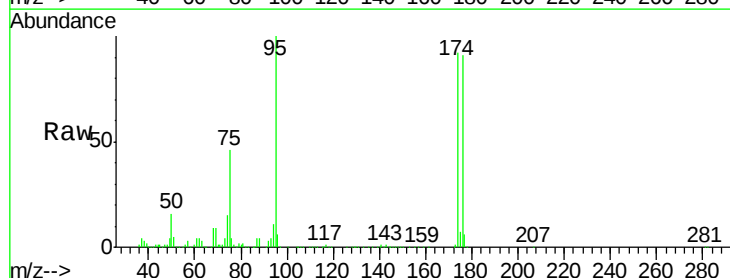
Instrument :
 MSVOA_N
 ClientSampled :
 50140

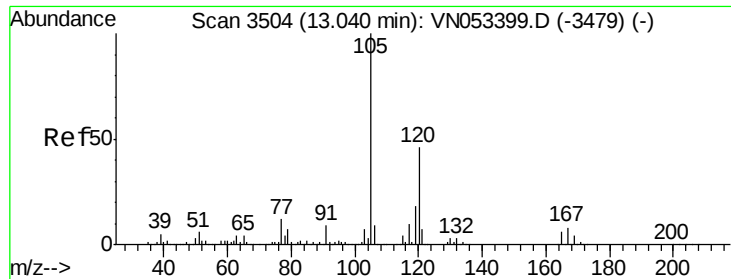
Tot Ion: 75 Resp: 251467
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.171 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053539.D
 Acq: 28 Jan 2019 12:21

Tgt Ion: 75 Resp: 251467
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.6#
 89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.438 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

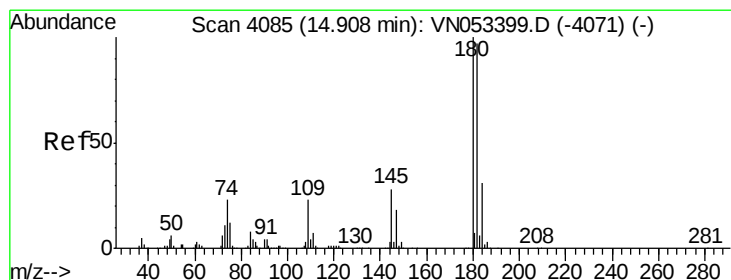
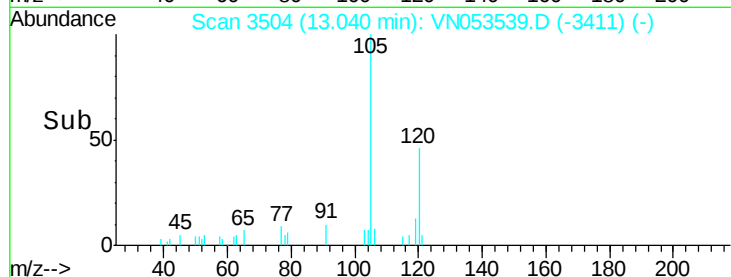
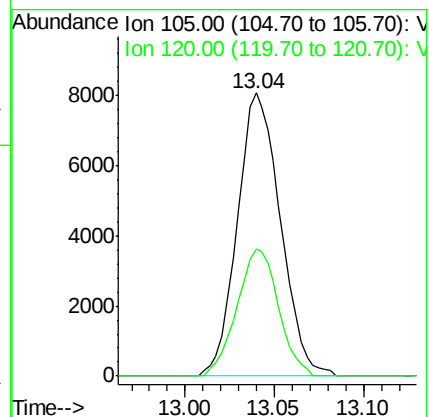
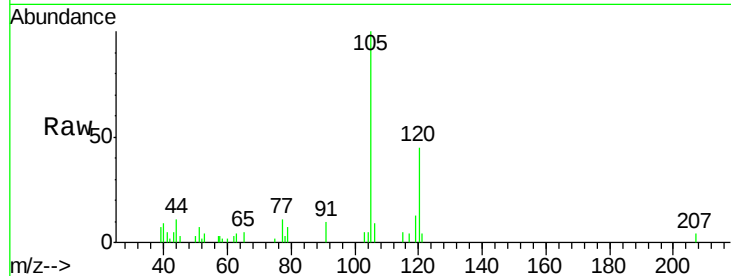
50140

Tot Ion:105 Resp: 13606

Ion Ratio Lower Upper

105 100

120 43.2 23.0 69.0



#93

1,2,4-Trichlorobenzene

Concen: 2.770 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

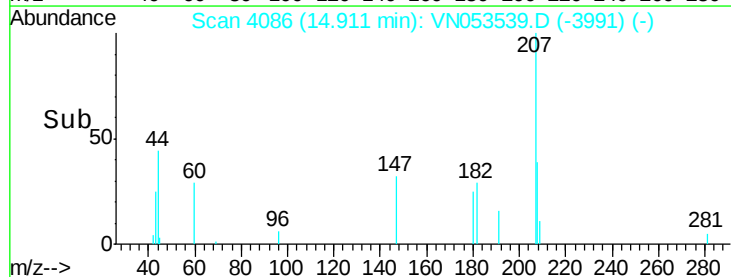
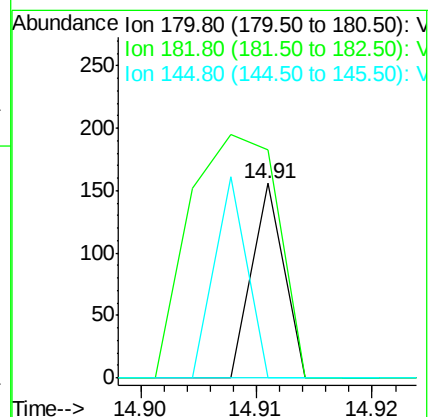
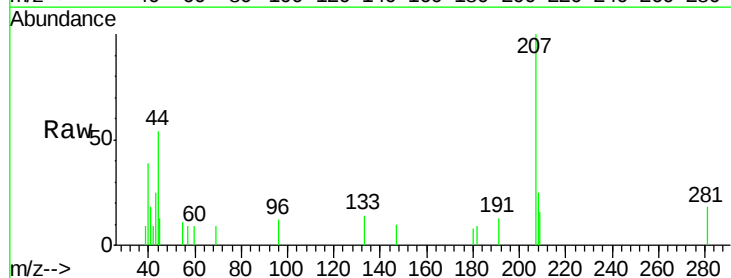
Tgt Ion:180 Resp: 30

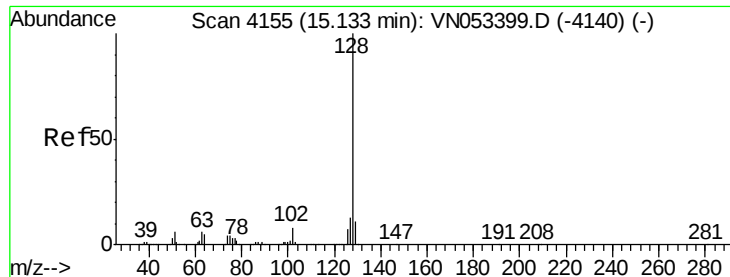
Ion Ratio Lower Upper

180 100

182 340.0 48.1 144.3#

145 103.3 13.9 41.6#





#95

Naphthalene

Concen: 5.161 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

50140

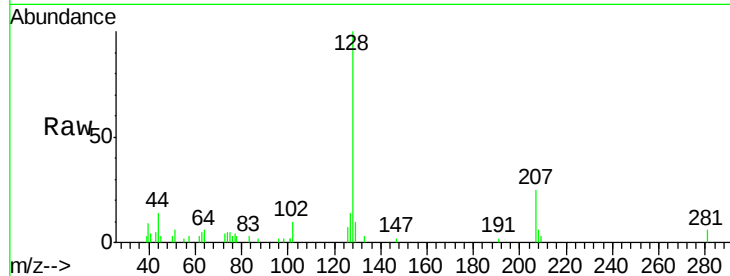
Tot Ion:128 Resp: 16585

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

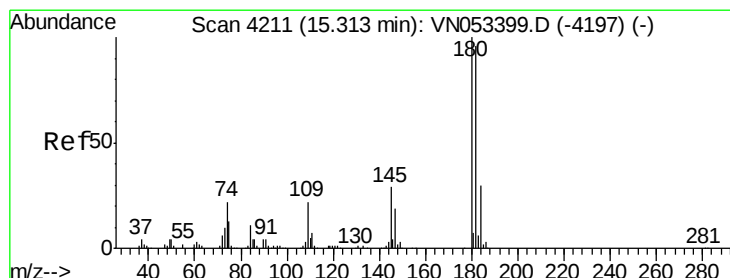
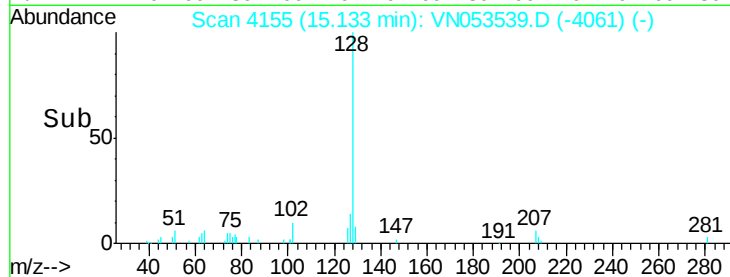
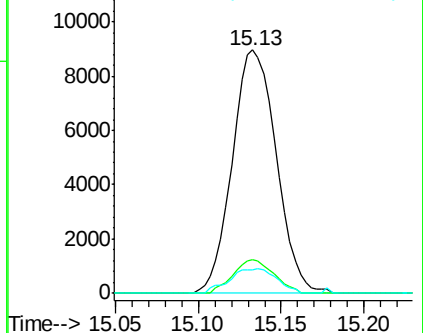
129 10.9 8.6 13.0



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: 3.923 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

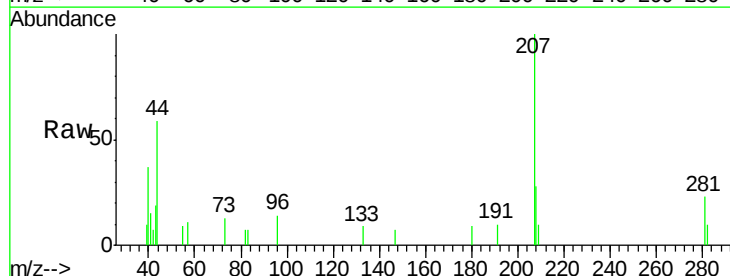
Tgt Ion:180 Resp: 105

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 27.6 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

