

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055312.D
 Acq On : 30 Apr 2019 16:53
 Operator : JC/SP
 Sample : K2194-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	361828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	621327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	256212	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	207200	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	768006	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.40	95	252651	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	

Target Compounds

					Qvalue	
13) Acrolein	3.63	56	158	0.747	ug/l #	62
14) Allyl chloride	4.54	41	3719	0.502	ug/l #	26
16) Acetone	3.82	43	27806	18.853	ug/l	96
17) Carbon Disulfide	4.05	76	3240	0.347	ug/l #	74
18) Methyl Acetate	4.34	43	8394	1.328	ug/l #	85
20) Methylene Chloride	4.55	84	202694	45.024	ug/l	99
25) 2-Butanone	6.85	43	2762	1.464	ug/l	95
29) Tetrahydrofuran	7.22	42	775	0.642	ug/l #	58
30) Chloroform	7.38	83	4455	0.600	ug/l	91
31) Cyclohexane	7.67	56	8252	1.108	ug/l #	20
36) 1,1-Dichloropropene	7.67	75	28514	4.791	ug/l #	50
38) Carbon Tetrachloride	7.67	117	33425	5.822	ug/l #	17
40) Benzene	8.05	78	4760	0.271	ug/l	90
41) Methacrylonitrile	7.20	41	221	0.828	ug/l #	43
43) Isopropyl Acetate	8.17	43	13634	1.860	ug/l #	95
45) 1,2-Dichloropropane	9.27	63	1363	0.269	ug/l #	45
48) Methyl methacrylate	9.18	41	9331	2.589	ug/l #	33
49) 1,4-Dioxane	9.27	88	33	0.886	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5919	1.434	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	59176	9.214	ug/l #	67
56) Ethyl methacrylate	10.54	69	1128	0.245	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	10707	1.633	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.93	63	31	12.426	ug/l #	52
59) 2-Hexanone	10.76	43	182244	70.577	ug/l #	53
67) Ethyl Benzene	11.51	91	5847	0.282	ug/l	94
68) m/p-Xylenes	11.62	106	5735	0.776	ug/l	79
71) Bromoform	12.40	173	2682	1.076	ug/l #	1
73) Isopropylbenzene	12.25	105	1167	Below Cal	#	65
74) N-amyl acetate	11.88	43	18820	4.052	ug/l #	57
76) 1,2,3-Trichloropropane	12.40	75	130790	38.290	ug/l #	100
78) n-propylbenzene	12.59	91	5043	0.271	ug/l	95
79) 2-Chlorotoluene	12.68	91	577	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	7923	0.558	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	130790	136.954	ug/l #	7

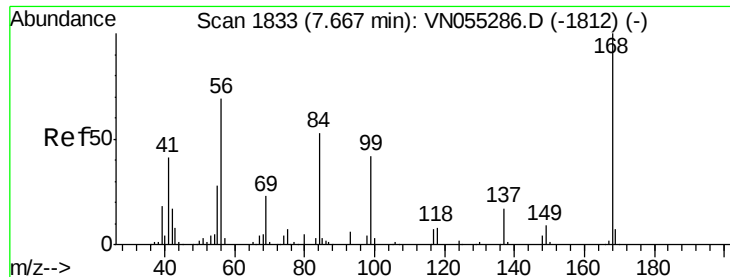
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
Data File : VN055312.D
Acq On : 30 Apr 2019 16:53
Operator : JC/SP
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: May 01 05:20:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	2059	Below Cal	#	57
84) 1,2,4-Trimethylbenzene	13.04	105	16410	1.293	ug/l	92
90) Hexachloroethane	13.89	117	257	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.92	180	31	3.323	ug/l #	1
95) Naphthalene	15.14	128	2583	3.808	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

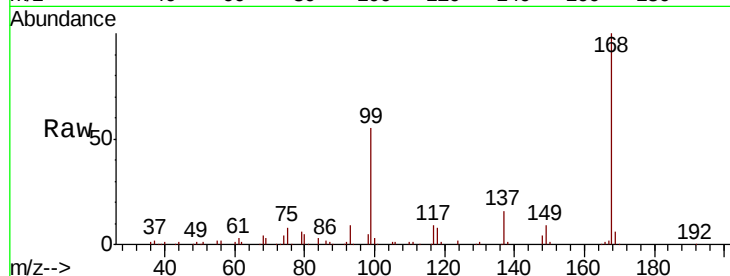
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 361828

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

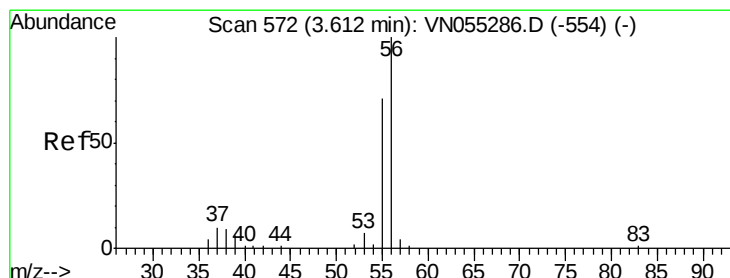
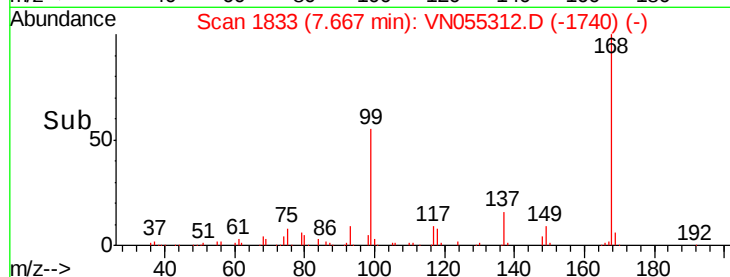
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.747 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.01 min

Lab File: VN055312.D

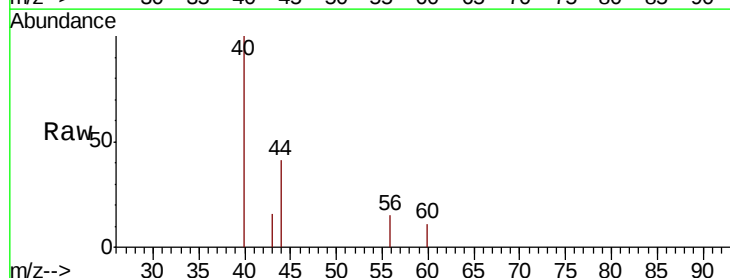
Acq: 30 Apr 2019 16:53

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 40.5 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.63

250

200

150

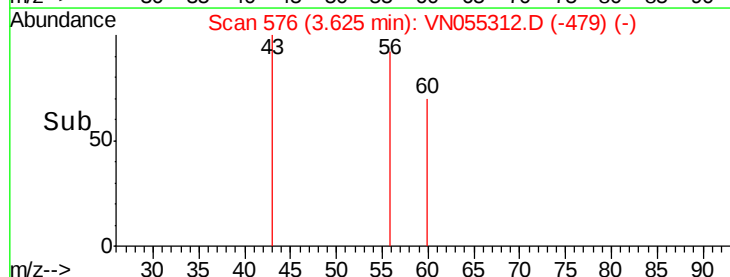
100

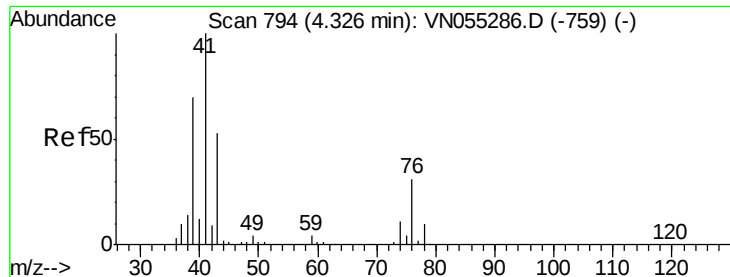
50

0

3.61 3.62 3.63 3.64

Time-->

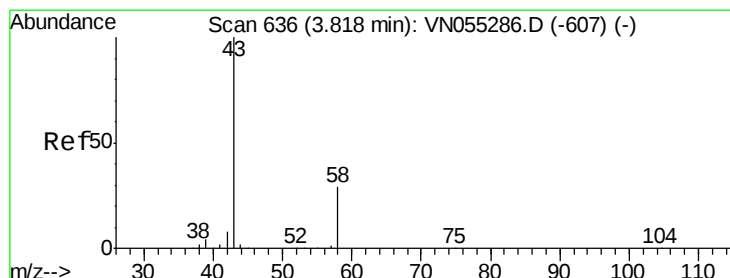
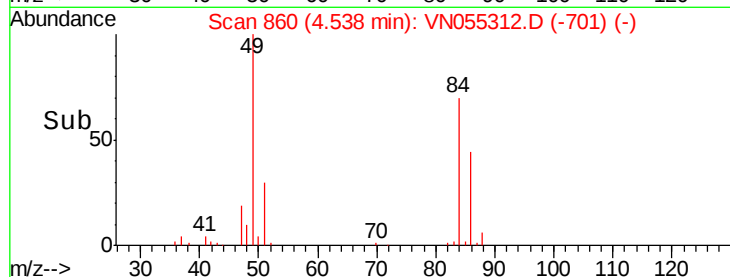
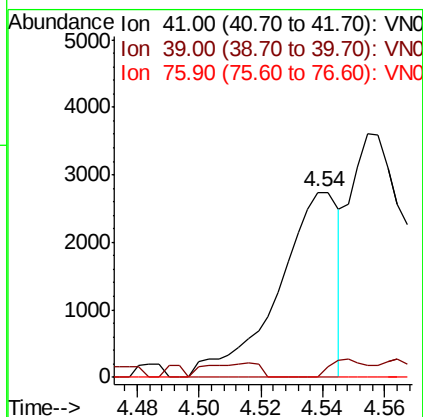
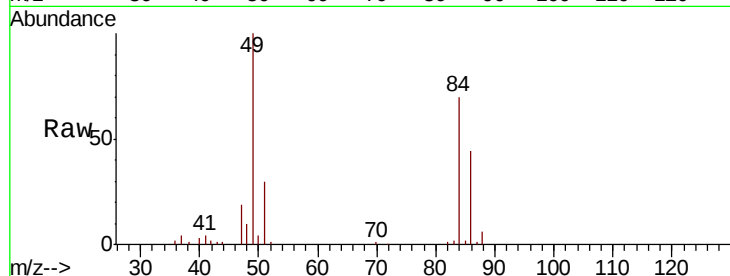




#14
Allvl chloride
Concen: 0.502 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.21 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

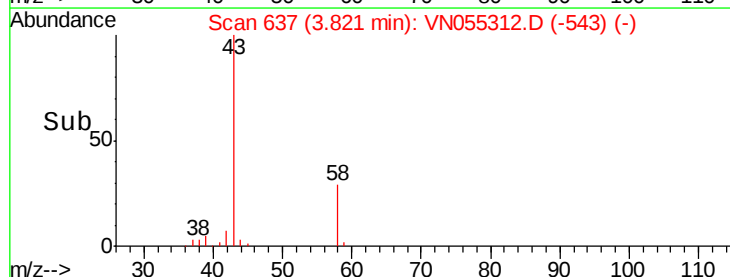
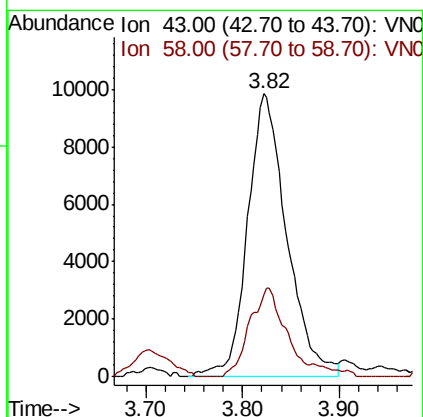
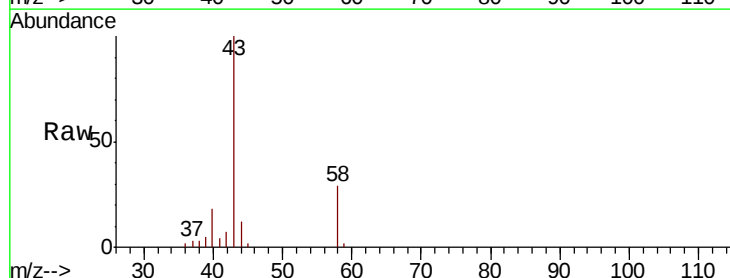
Instrument :
MSVOA_N
ClientSampled :

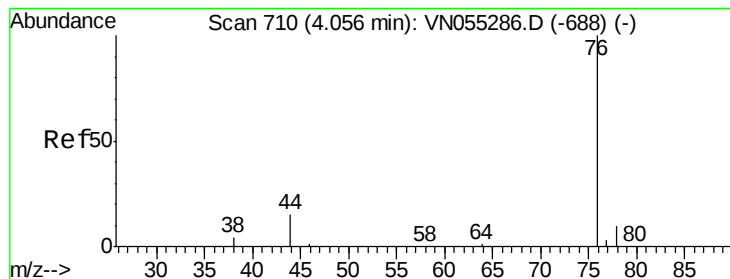
Tot Ion: 41 Resp: 3719
Ion Ratio Lower Upper
41 100
39 0.0 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 18.853 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion: 43 Resp: 27806
Ion Ratio Lower Upper
43 100
58 27.2 23.6 35.4





#17

Carbon Disulfide

Concen: 0.347 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

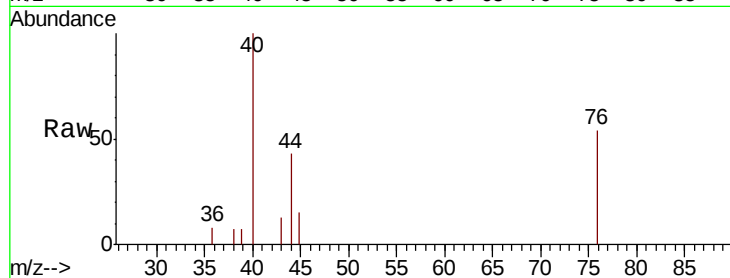
ClientSampled :

Tot Ion: 76 Resp: 3240

Ion Ratio Lower Upper

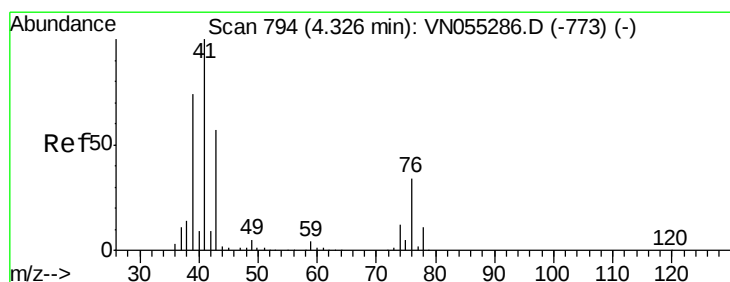
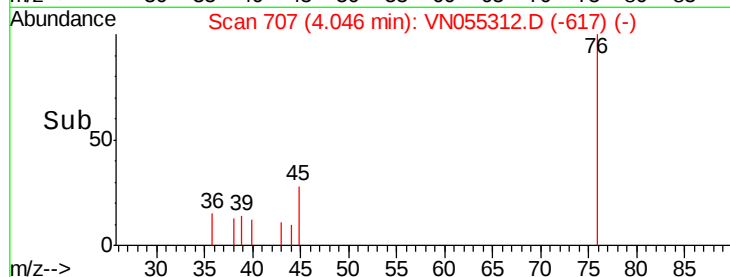
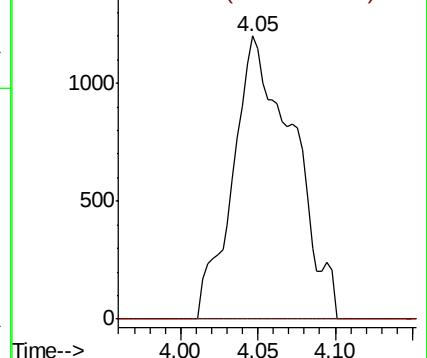
76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.328 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN055312.D

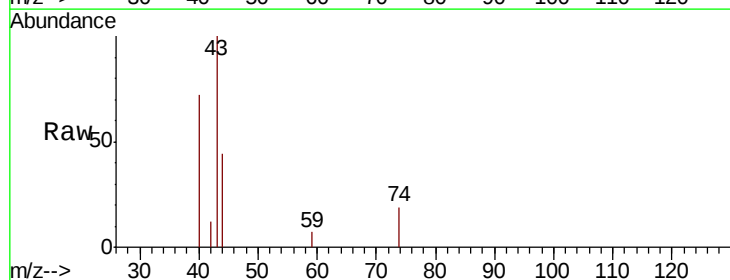
Acq: 30 Apr 2019 16:53

Tgt Ion: 43 Resp: 8394

Ion Ratio Lower Upper

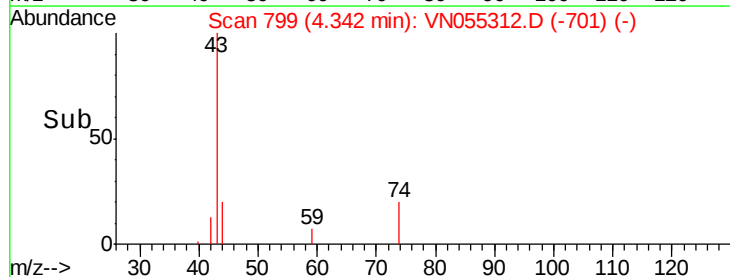
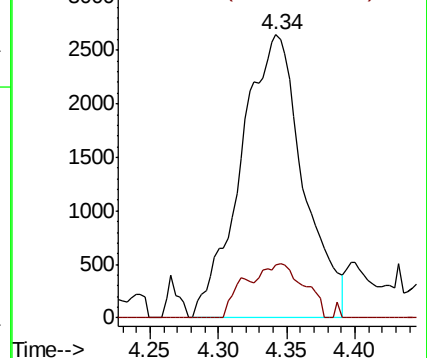
43 100

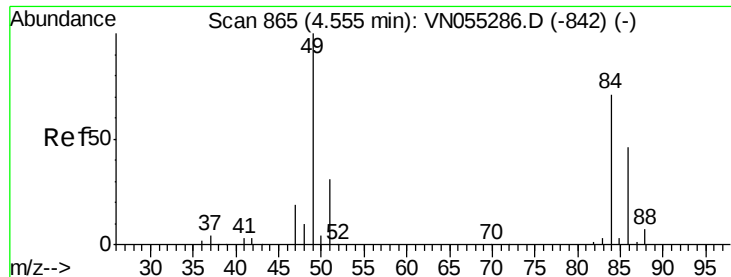
74 13.1 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

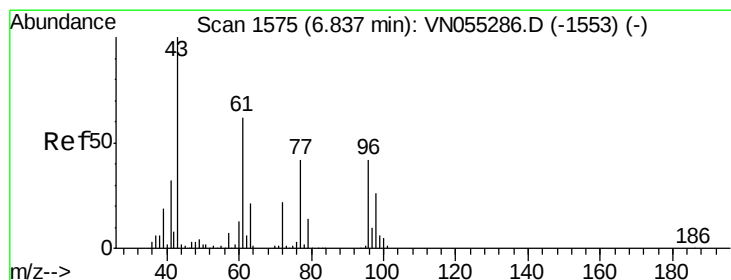
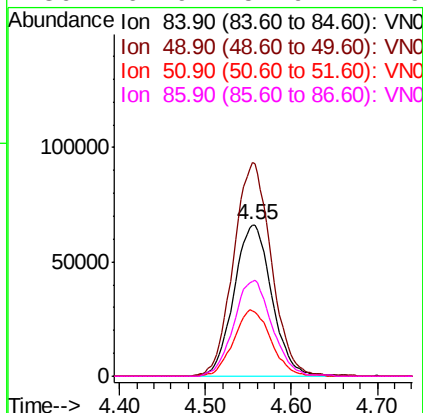
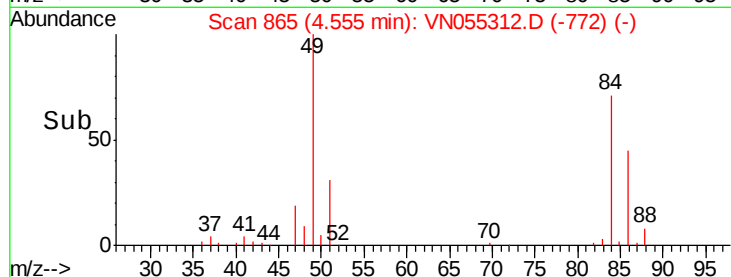
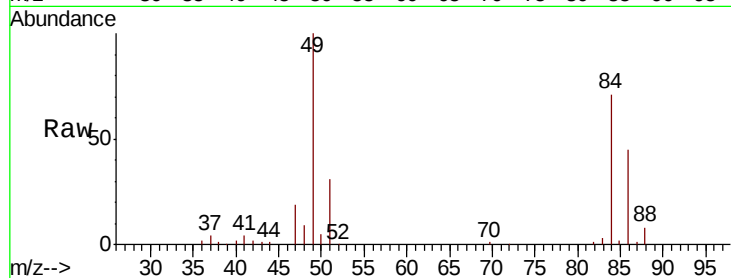




#20
Methvlene Chloride
Concen: 45.024 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

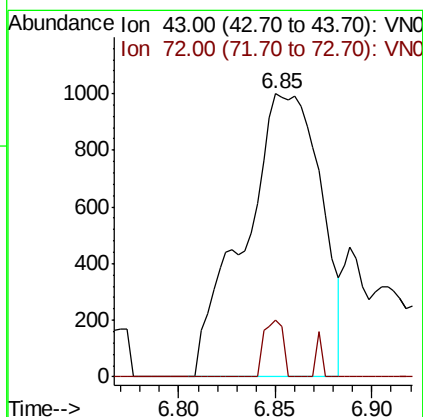
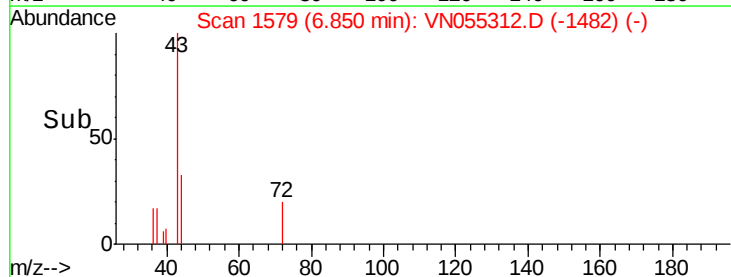
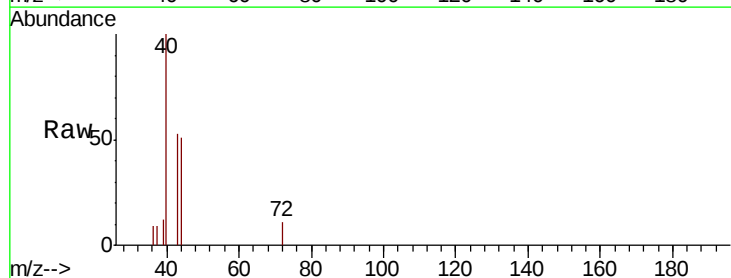
Instrument :
MSVOA_N
ClientSampleId :

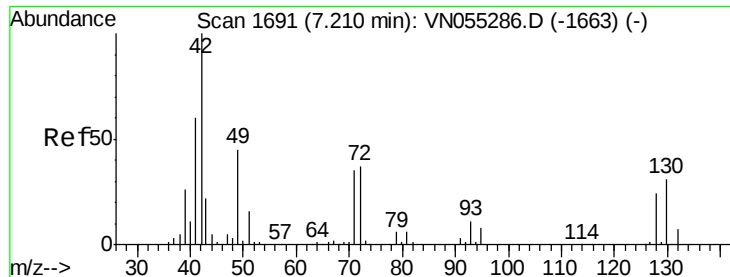
Tot Ion: 84 Resp: 202694
Ion Ratio Lower Upper
84 100
49 141.0 112.4 168.6
51 43.5 34.6 51.8
86 62.9 51.9 77.9



#25
2-Butanone
Concen: 1.464 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
72 20.0 18.0 27.0

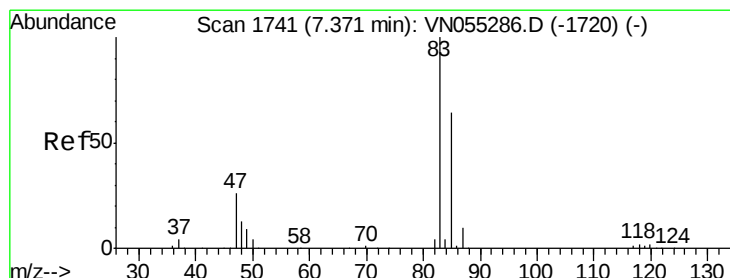
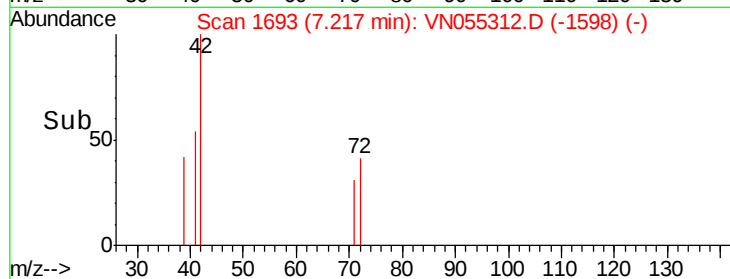
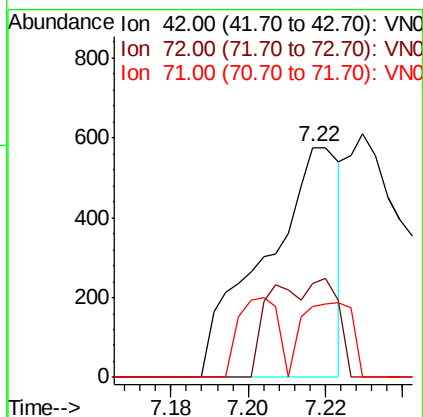
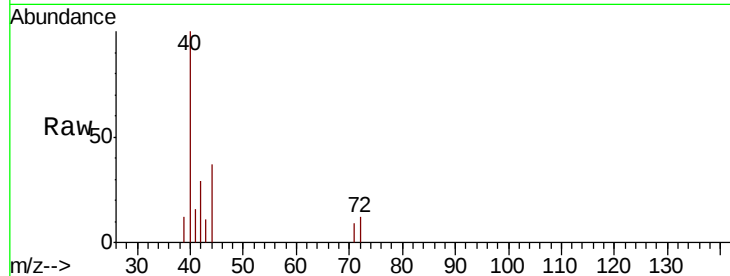




#29
Tetrahydrofuran
Concen: 0.642 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

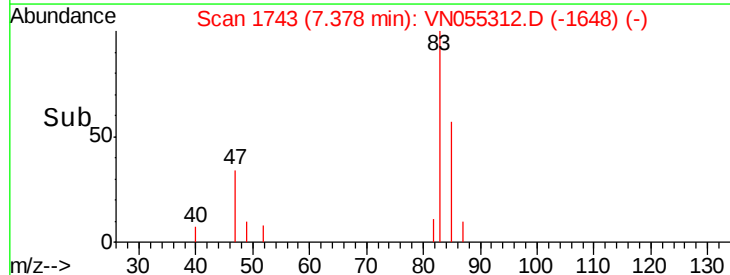
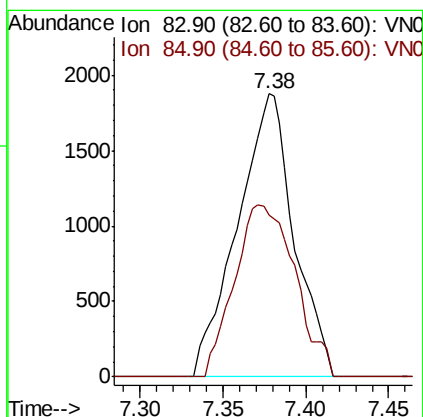
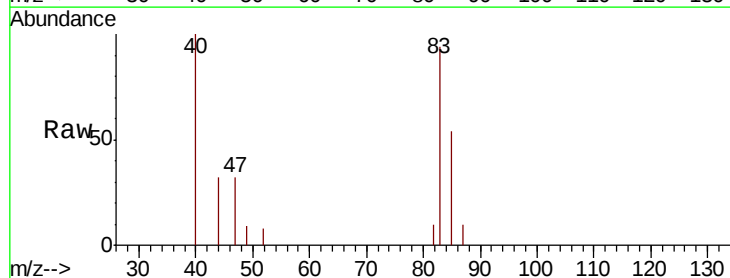
Instrument :
MSVOA_N
ClientSampled :

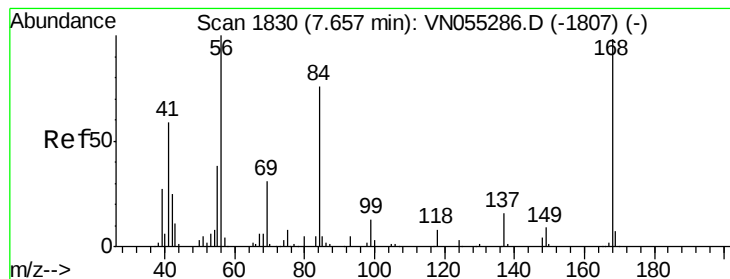
Tot Ion: 42 Resp: 775
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 21.8 27.1 40.7#



#30
Chloroform
Concen: 0.600 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
85 57.0 51.4 77.2





#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :

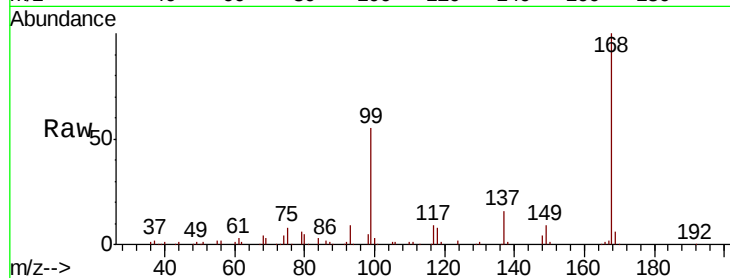
Tot Ion: 56 Resp: 8252

Ion Ratio Lower Upper

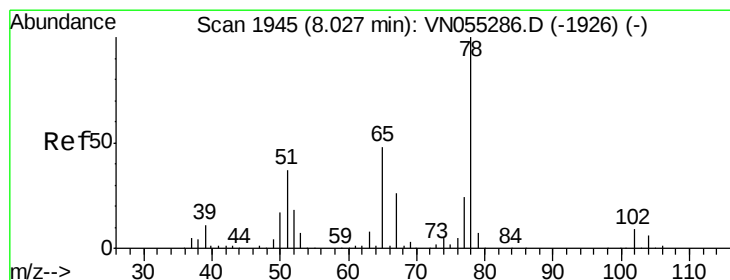
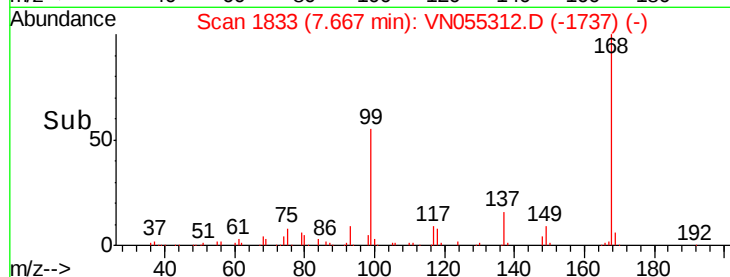
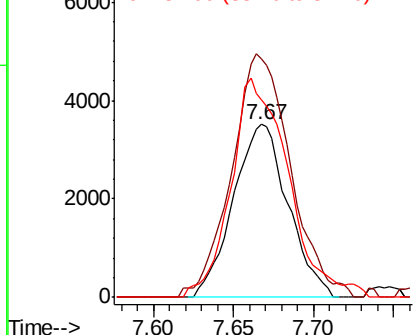
56 100

69 132.1 25.2 37.8#

84 109.1 61.1 91.7#



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: 54.127 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055312.D

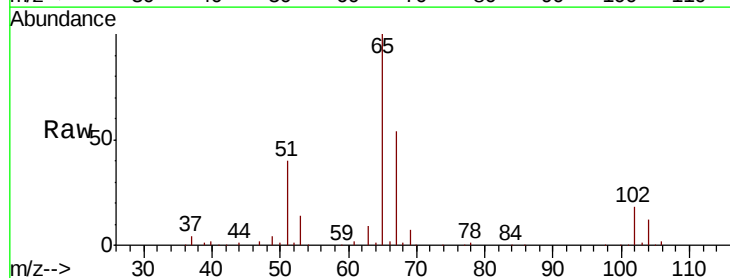
Acq: 30 Apr 2019 16:53

Tgt Ion: 65 Resp: 256212

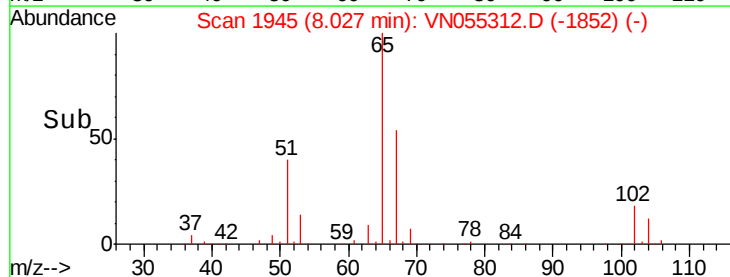
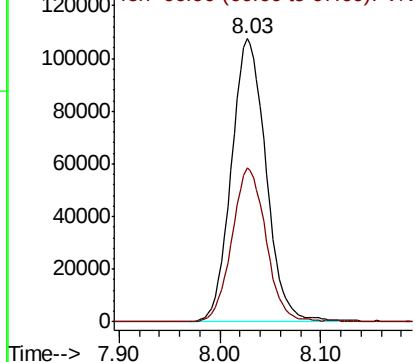
Ion Ratio Lower Upper

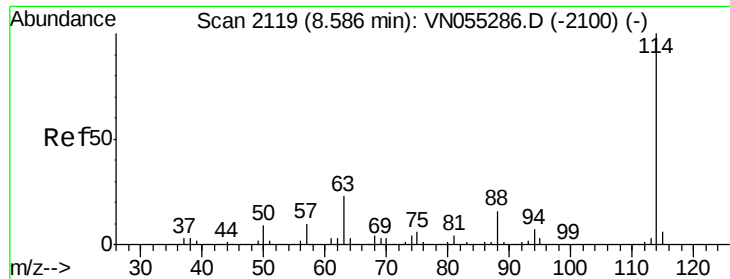
65 100

67 53.6 0.0 106.8



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

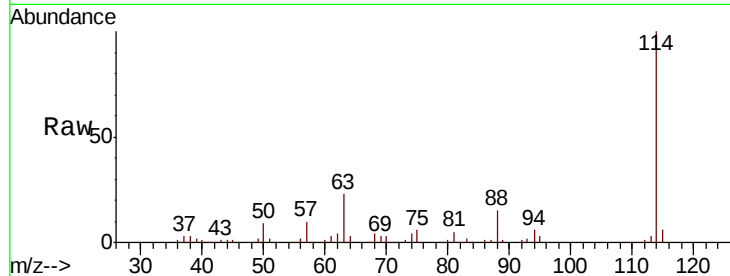




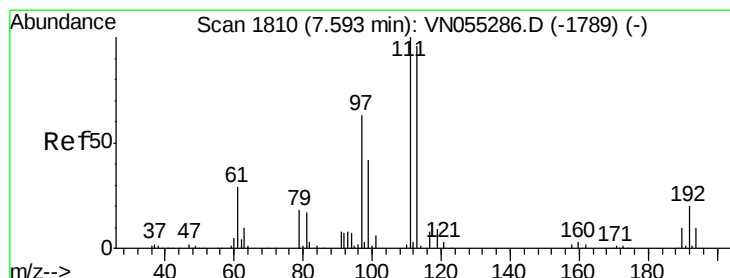
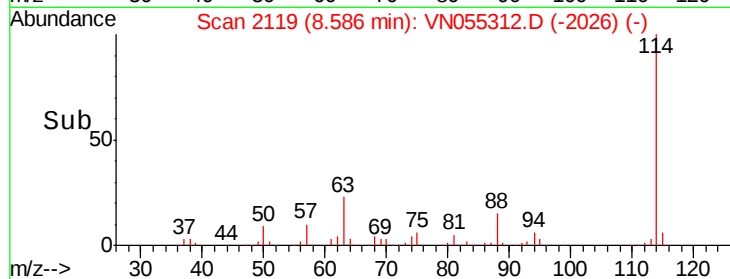
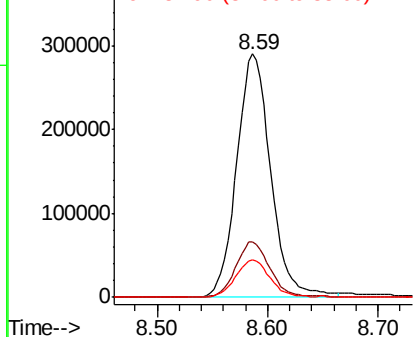
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 621327
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 15.3 0.0 31.6

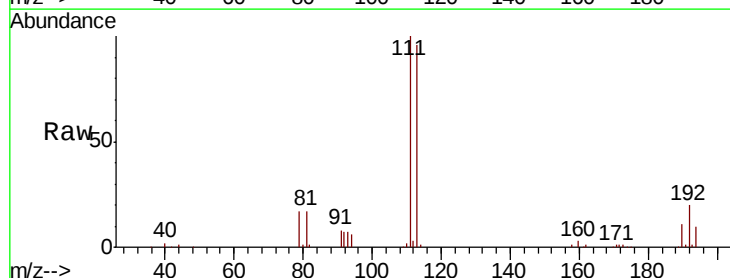


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

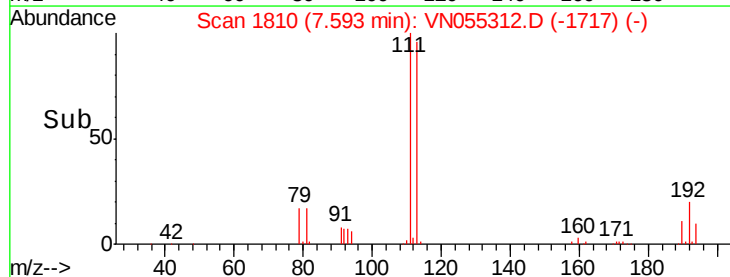
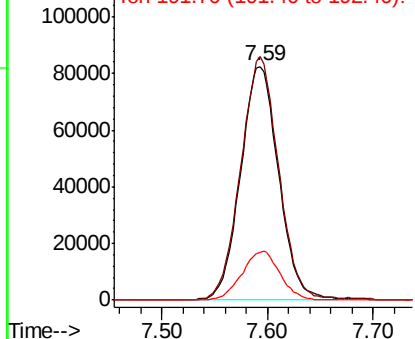


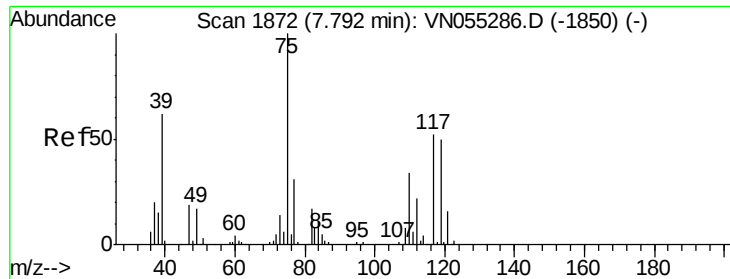
#35
 Dibromofluoromethane
 Concen: 50.807 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Tgt Ion:113 Resp: 207200
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 21.0 17.0 25.6



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

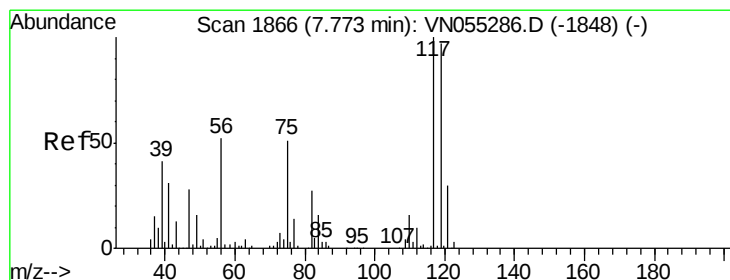
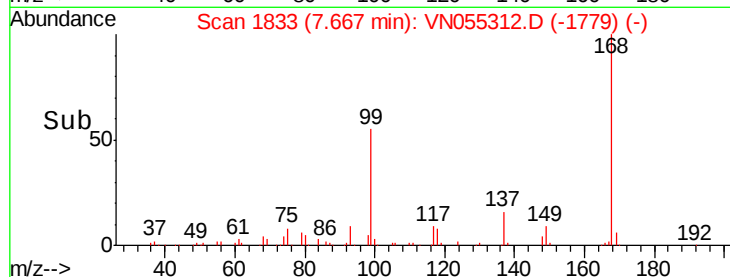
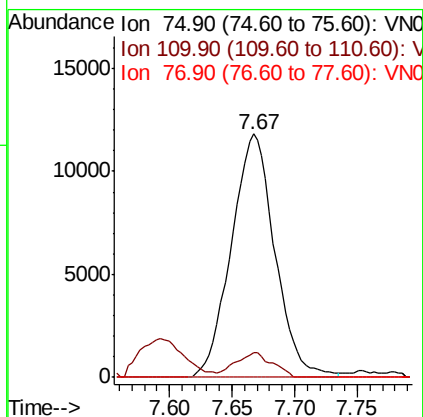
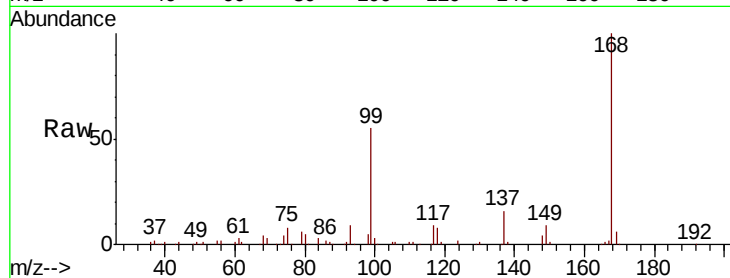




#36
 1,1-Dichloropropene
 Concen: 4.791 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

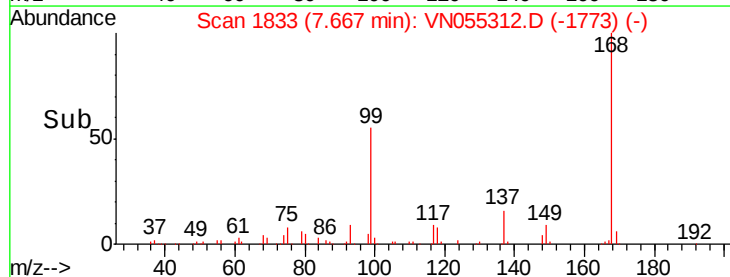
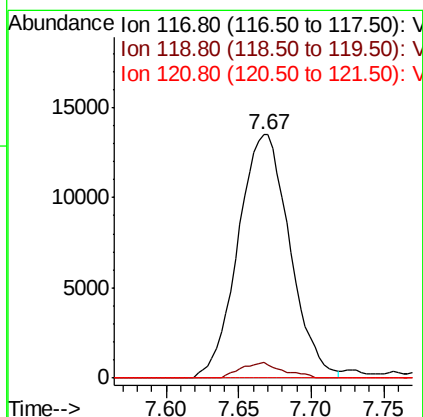
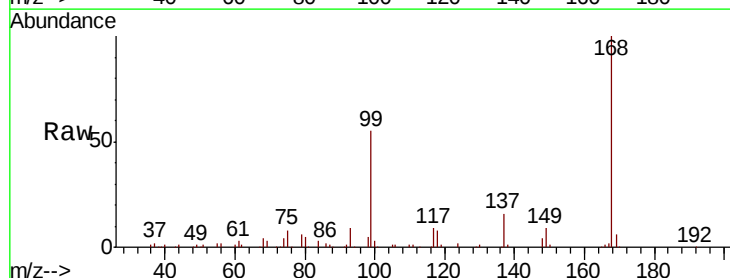
Instrument :
 MSVOA_N
 ClientSampleId :

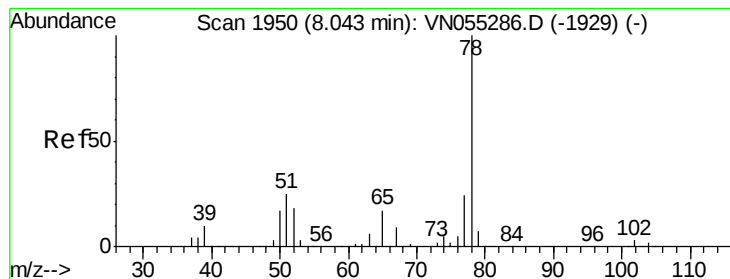
Tot Ion: 75 Resp: 28514
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.822 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Tgt Ion: 117 Resp: 33425
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.0 115.6#
 121 0.0 23.8 35.8#





#40

Benzene

Concen: 0.271 ug/l

RT: 8.05 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

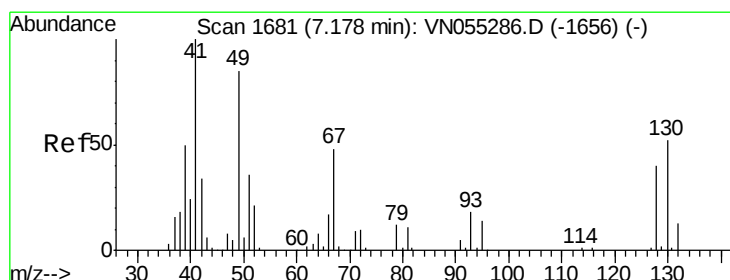
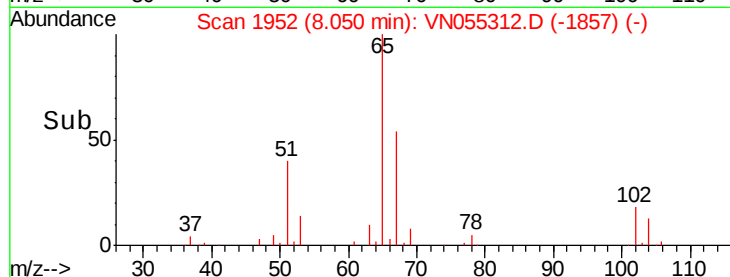
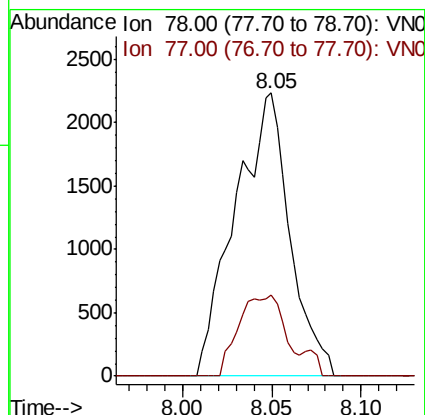
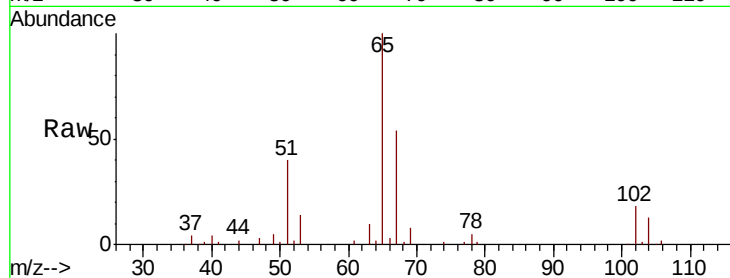
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 4760

Ion Ratio Lower Upper

78 100

77 28.5 19.0 28.6



#41

Methacrylonitrile

Concen: 0.828 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Tgt Ion: 41 Resp: 221

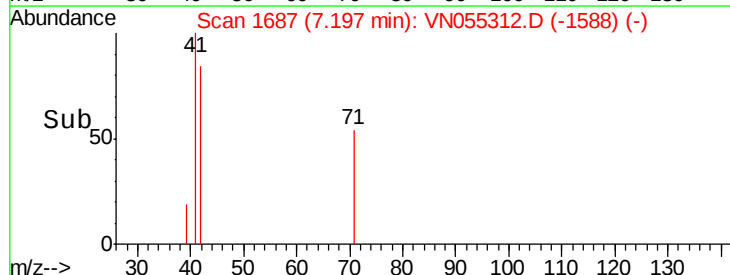
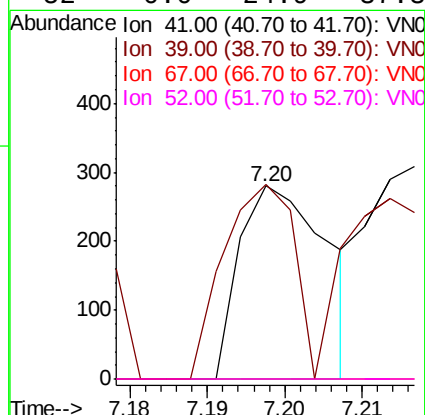
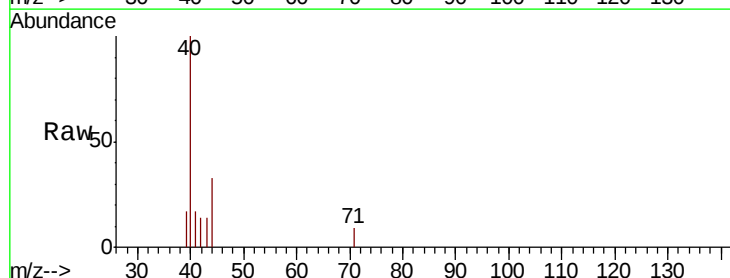
Ion Ratio Lower Upper

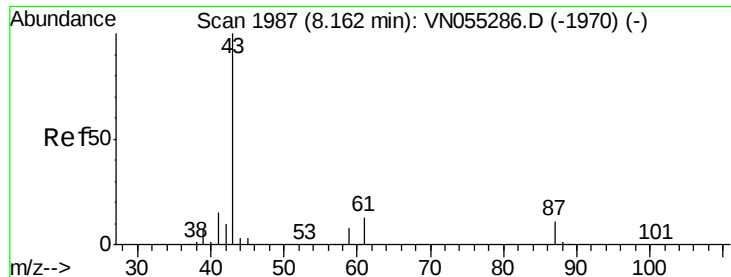
41 100

39 81.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 1.860 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

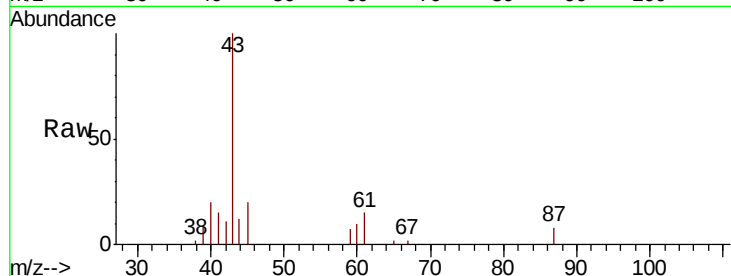
Tot Ion: 43 Resp: 13634

Ion Ratio Lower Upper

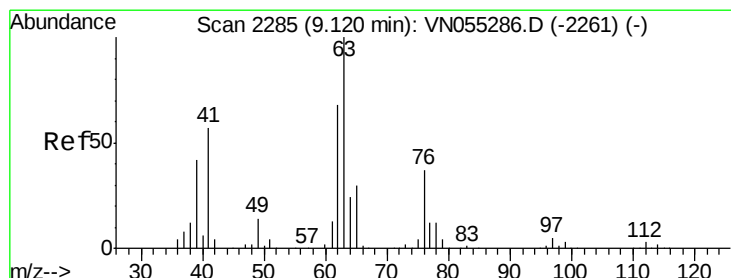
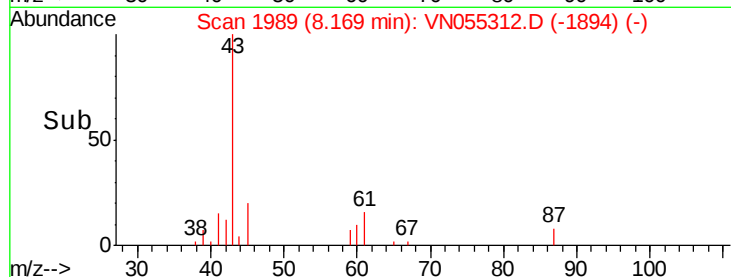
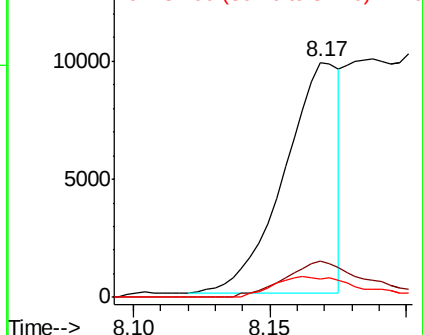
43 100

61 24.3 20.8 31.2

87 13.9 8.5 12.7#



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



#45

1,2-Dichloropropane

Concen: 0.269 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055312.D

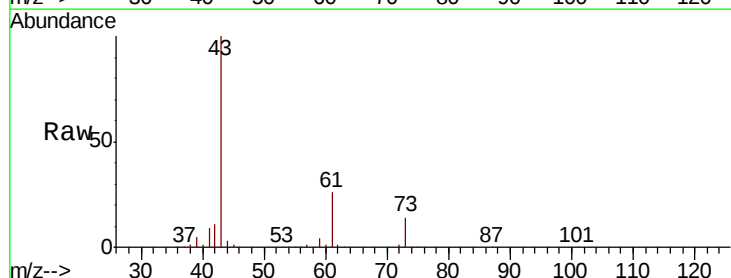
Acq: 30 Apr 2019 16:53

Tgt Ion: 63 Resp: 1363

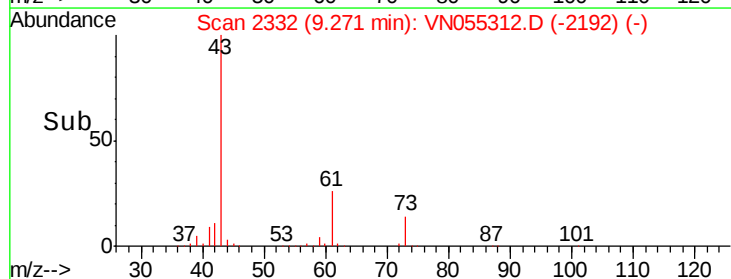
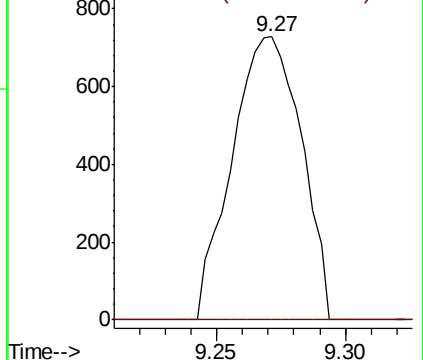
Ion Ratio Lower Upper

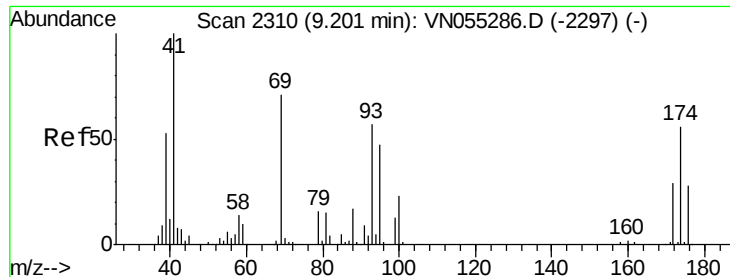
63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO

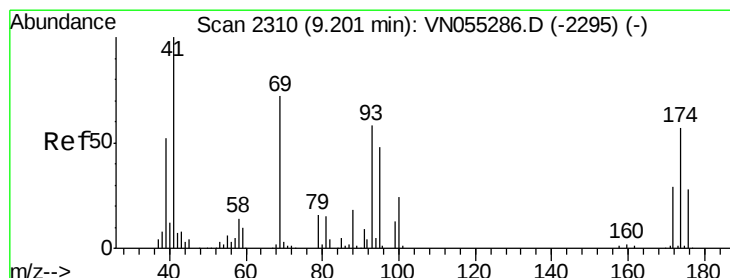
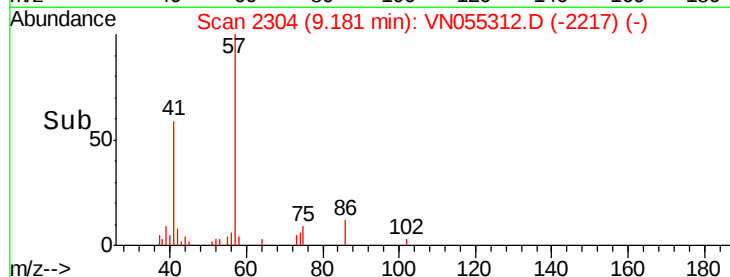
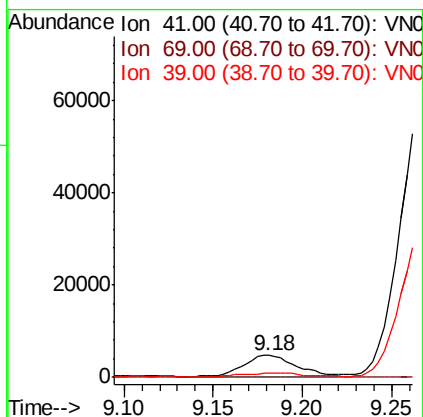
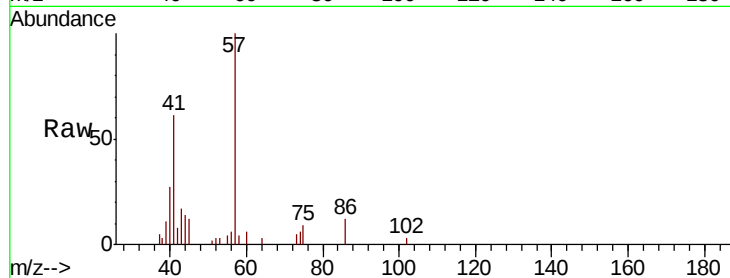




#48
Methvl methacrylate
Concen: 2.589 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

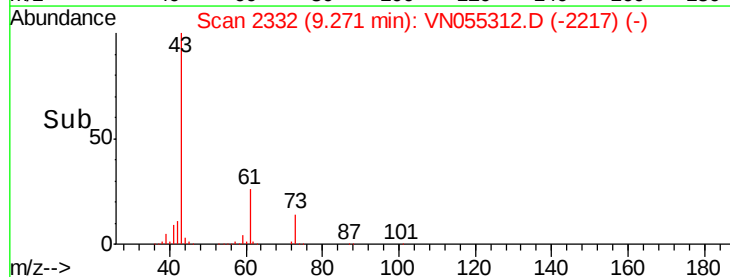
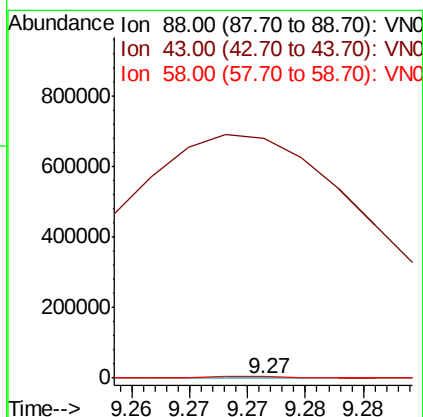
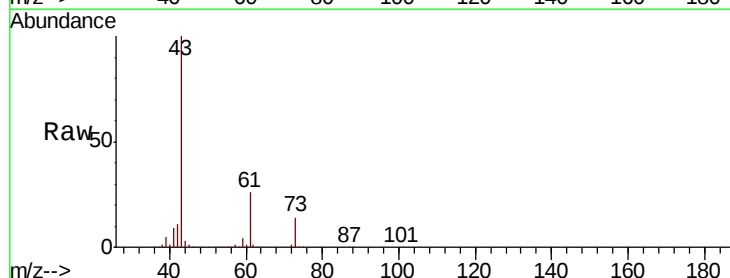
Instrument :
MSVOA_N
ClientSampleId :

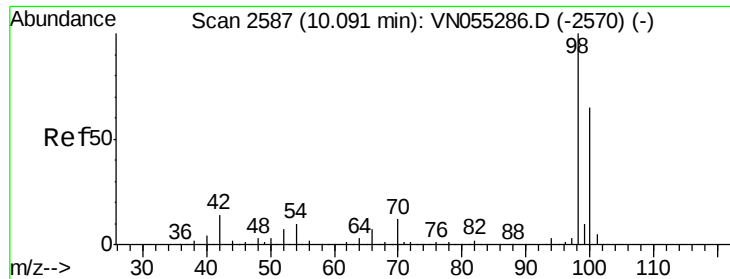
Tot Ion: 41 Resp: 9331
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 26.5 43.8 65.6#



#49
1,4-Dioxane
Concen: 0.886 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 3990524.2 33.3 49.9#
58 17169.7 62.7 94.1#





#50

Toluene-d8

Concen: 52.154 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

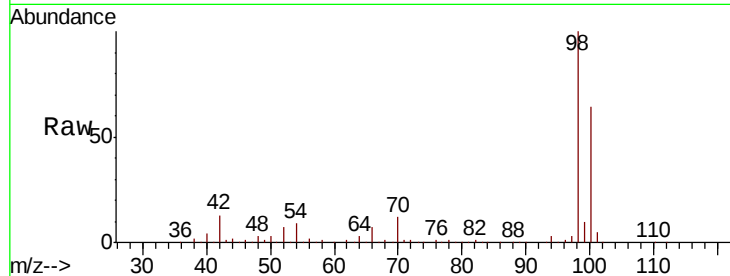
ClientSampled :

Tot Ion: 98 Resp: 768006

Ion Ratio Lower Upper

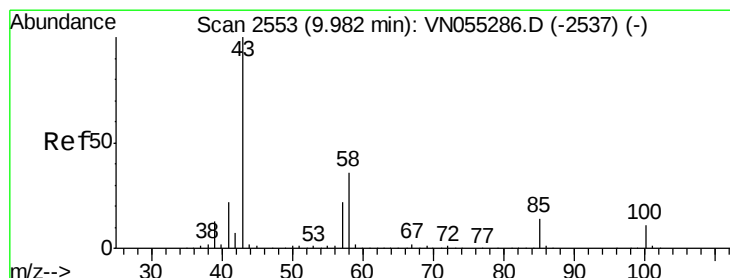
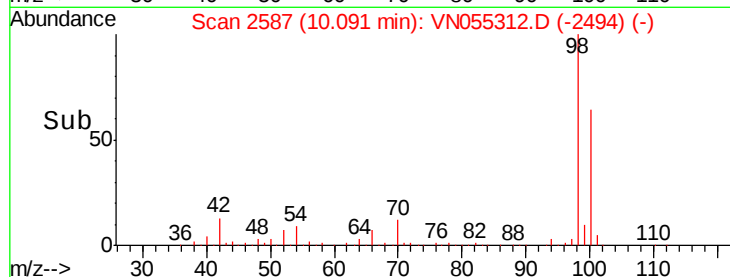
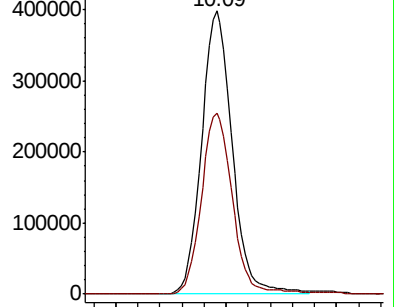
98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.434 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055312.D

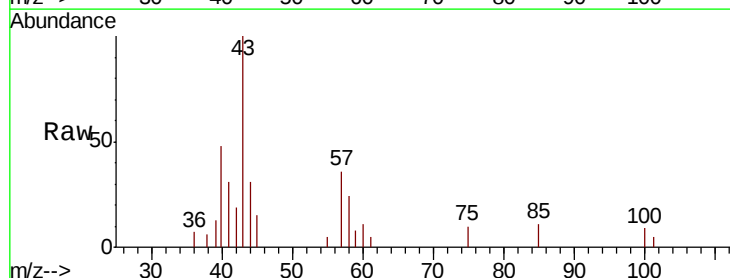
Acq: 30 Apr 2019 16:53

Tgt Ion: 43 Resp: 5919

Ion Ratio Lower Upper

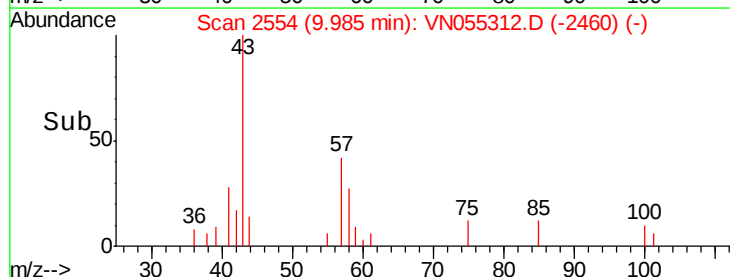
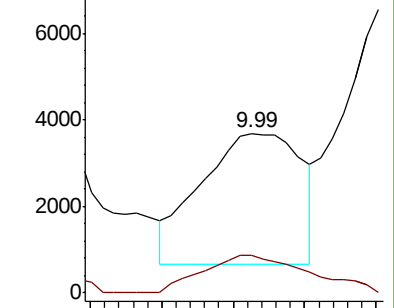
43 100

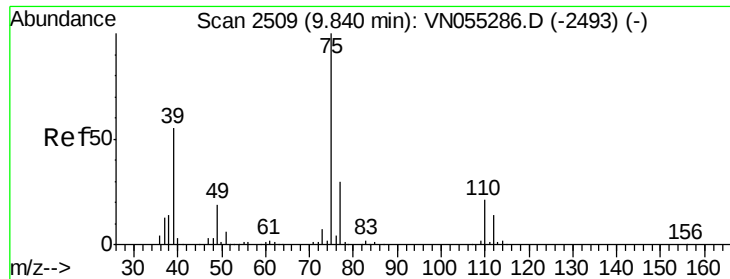
58 30.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)





#54

cis-1,3-Dichloropropene

Concen: 9.214 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :

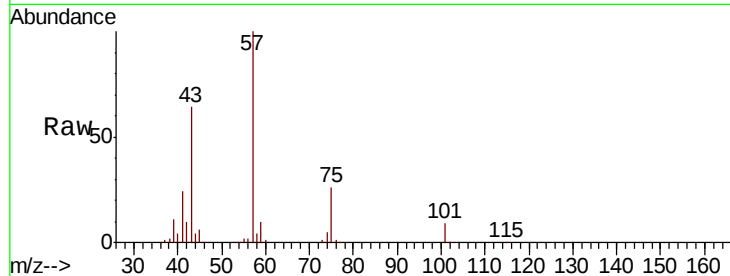
Tot Ion: 75 Resp: 59176

Ion Ratio Lower Upper

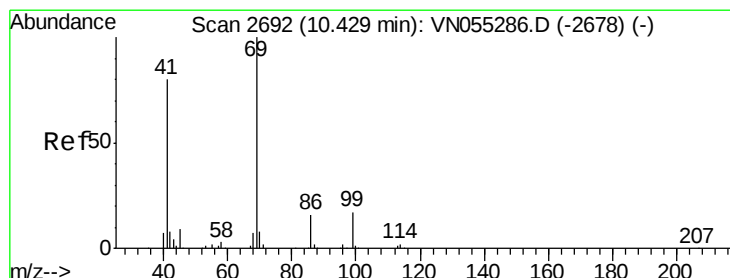
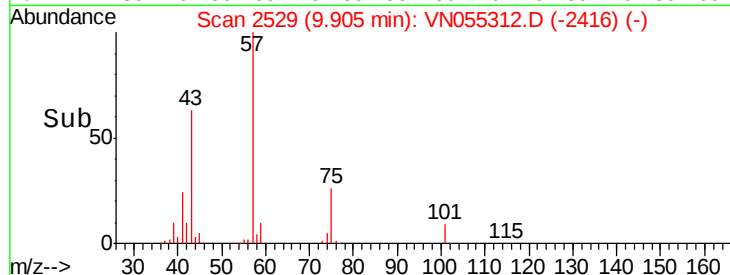
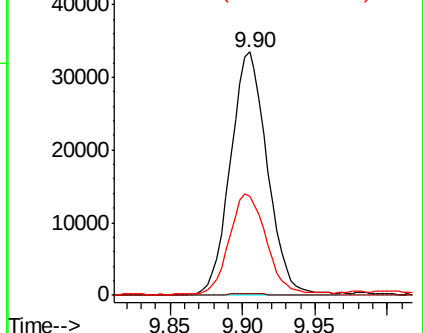
75 100

77 0.7 24.2 36.2#

39 40.0 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.245 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

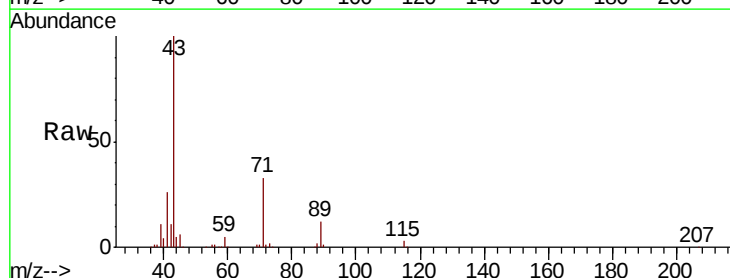
Tgt Ion: 69 Resp: 1128

Ion Ratio Lower Upper

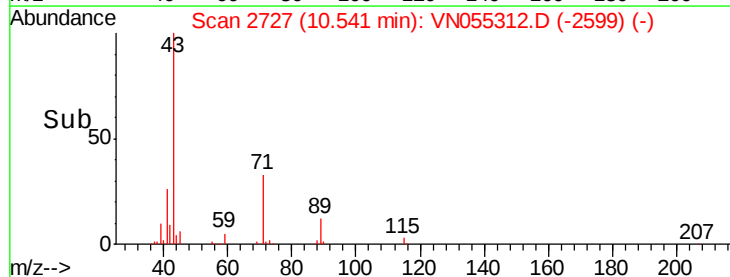
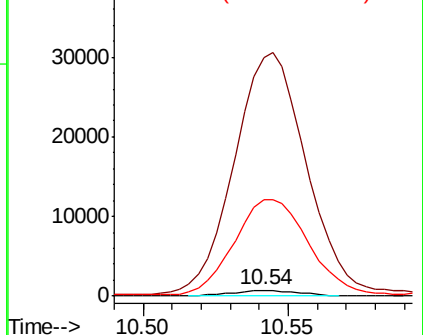
69 100

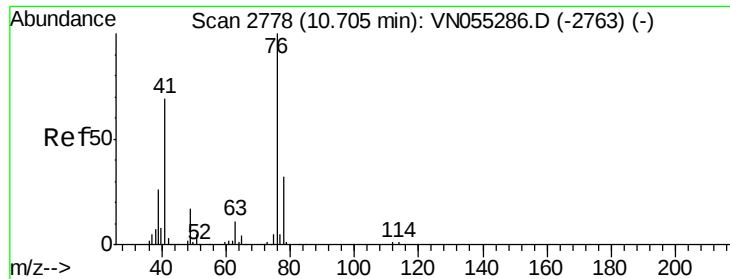
41 4670.4 62.7 94.1#

39 1879.0 32.0 48.0#



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

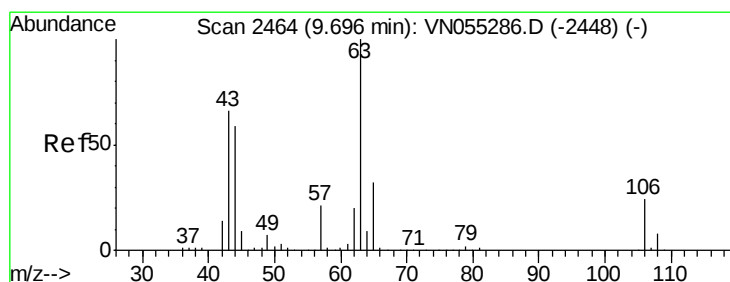
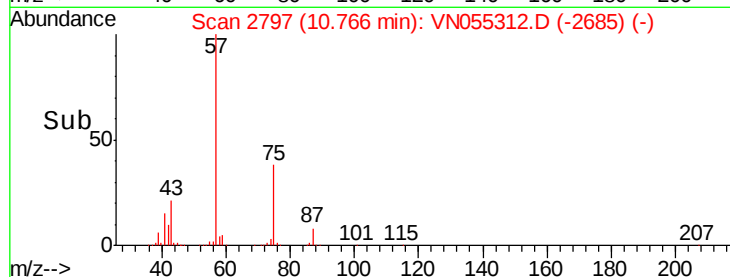
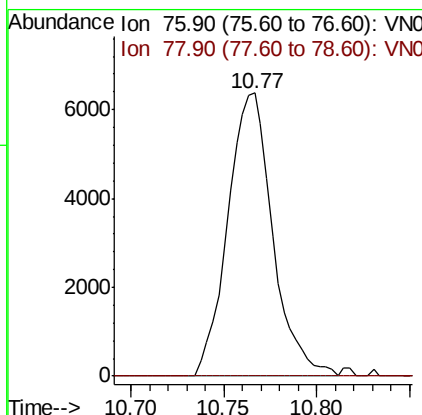
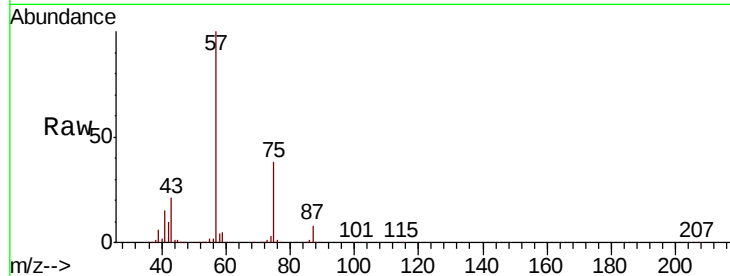




#57
 1,3-Dichloropropane
 Concen: 1.633 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

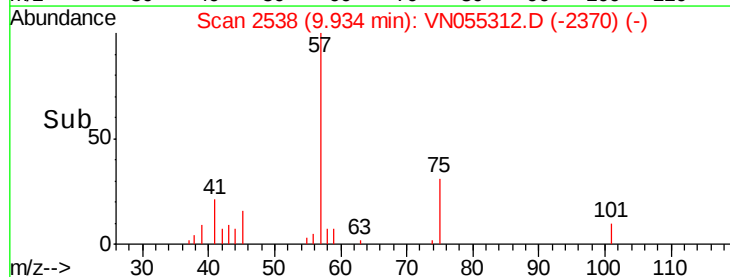
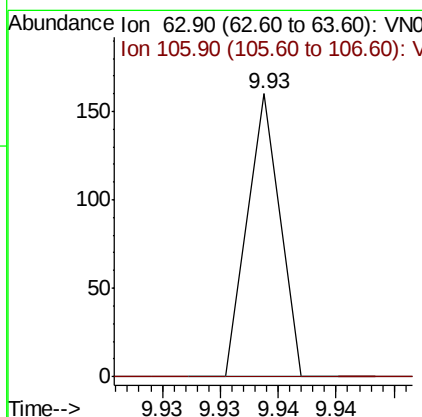
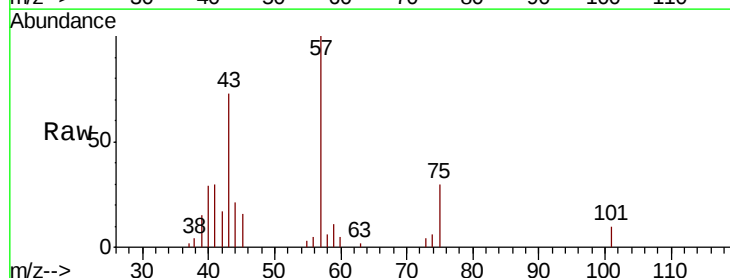
Instrument :
 MSVOA_N
 ClientSampled :

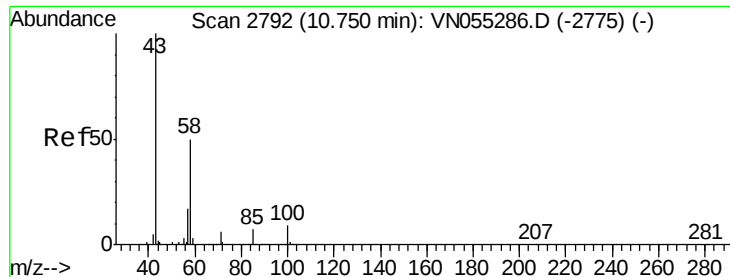
Tot Ion: 76 Resp: 10707
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.426 ug/l
 RT: 9.93 min Scan# 2538
 Delta R.T. 0.24 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#

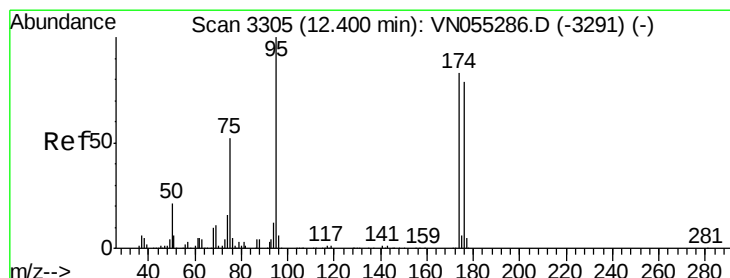
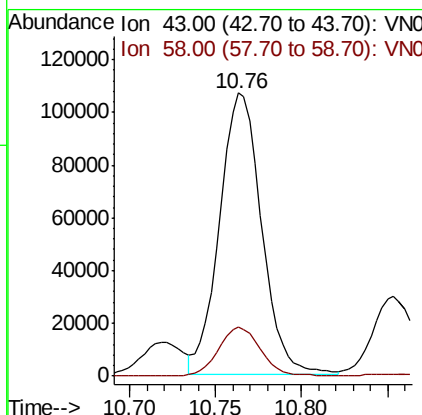
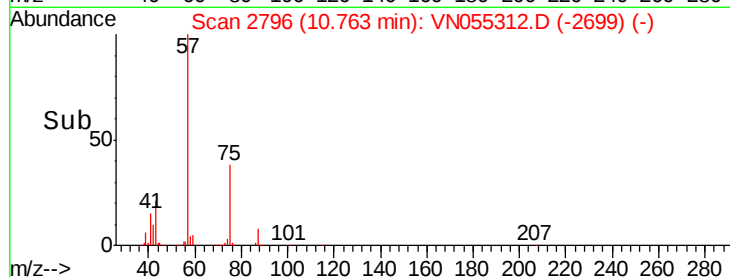
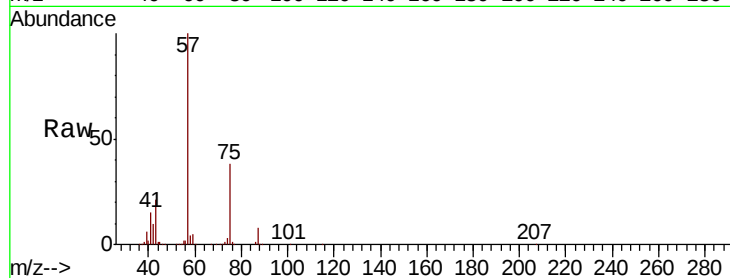




#59
2-Hexanone
Concen: 70.577 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

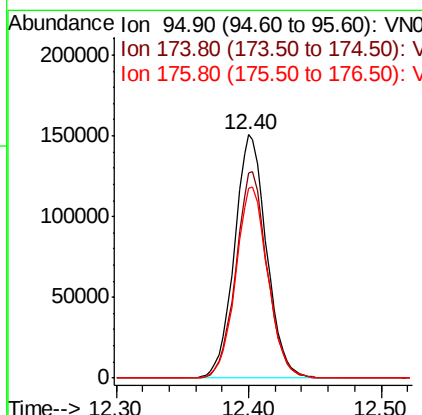
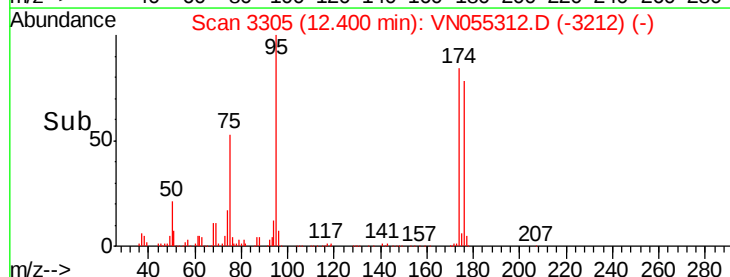
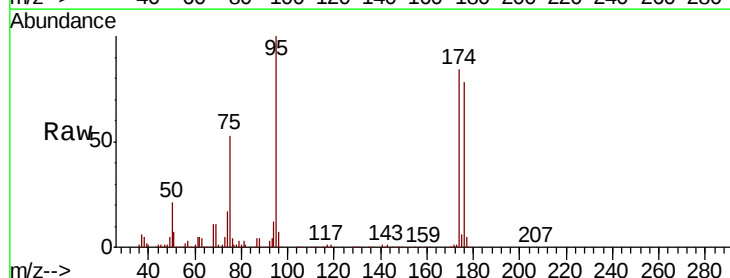
Instrument :
MSVOA_N
ClientSampleId :

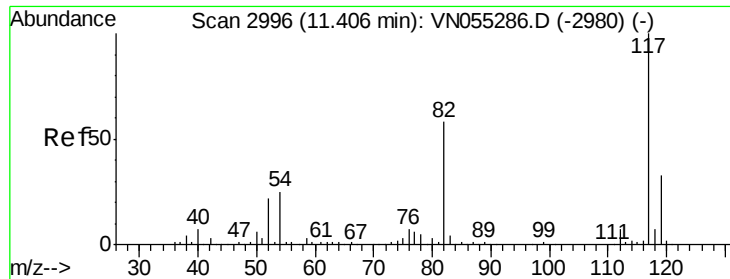
Tot Ion: 43 Resp: 182244
Ion Ratio Lower Upper
43 100
58 17.6 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 54.896 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion: 95 Resp: 252651
Ion Ratio Lower Upper
95 100
174 82.8 0.0 166.6
176 78.8 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

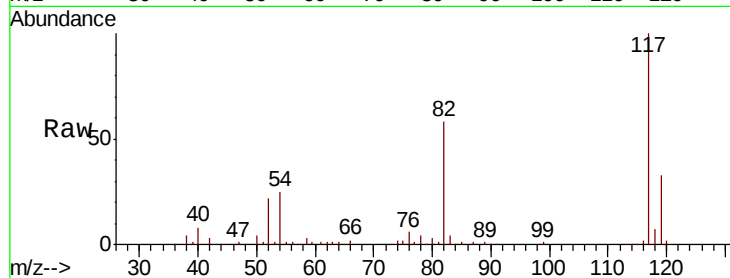
Tot Ion:117 Resp: 586663

Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.4

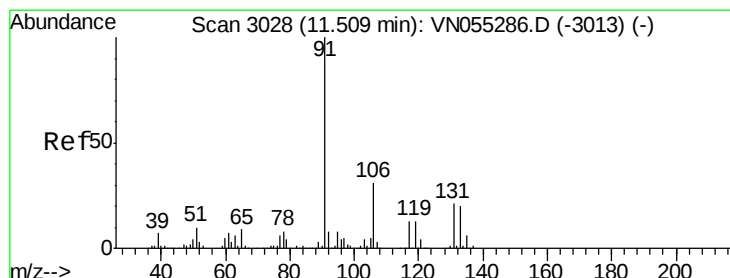
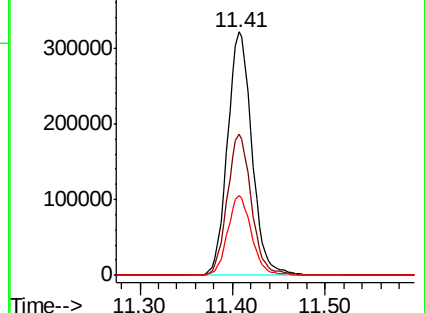
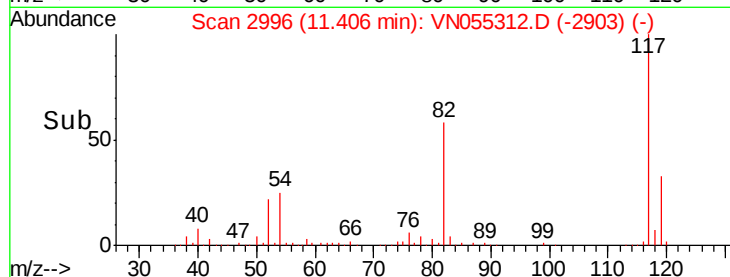
119 32.8 26.6 40.0



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: 0.282 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055312.D

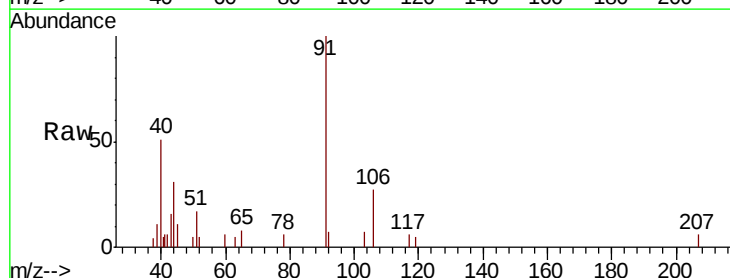
Acq: 30 Apr 2019 16:53

Tgt Ion: 91 Resp: 5847

Ion Ratio Lower Upper

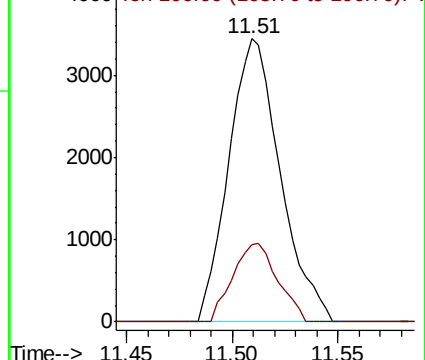
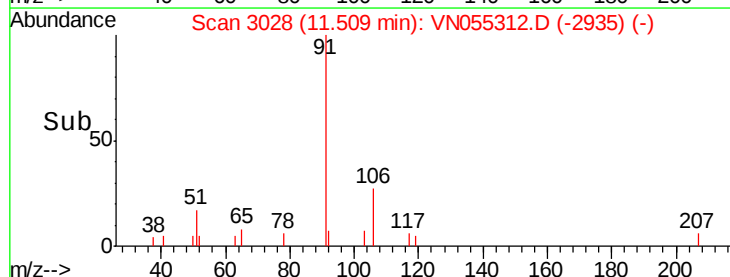
91 100

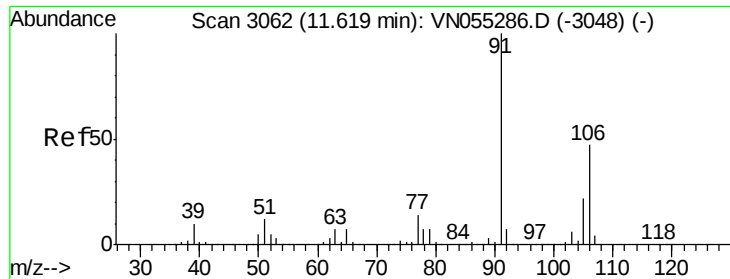
106 27.4 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

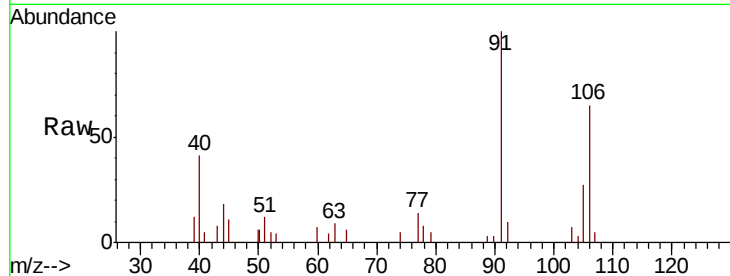




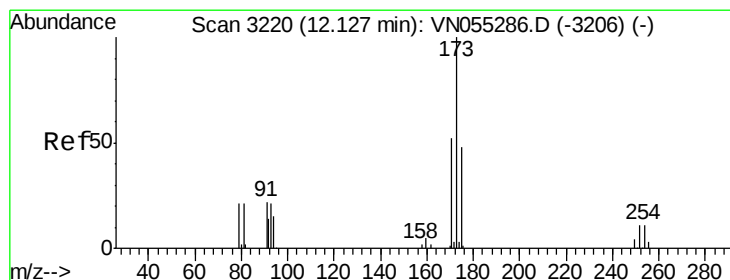
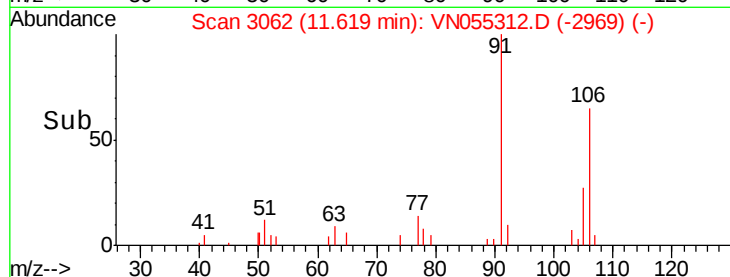
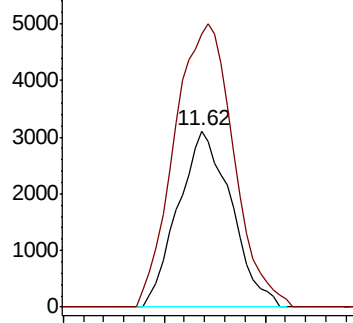
#68
m/p-Xvlenes
Concen: 0.776 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5735
Ion Ratio Lower Upper
106 100
91 178.7 169.5 254.3

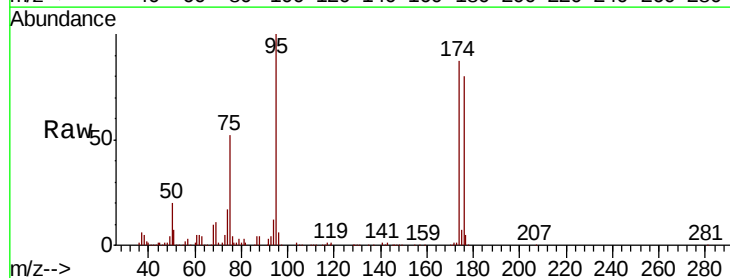


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

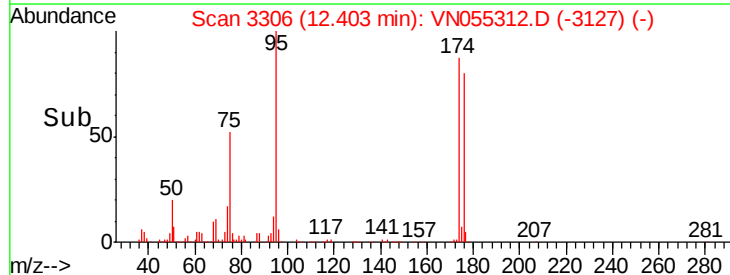
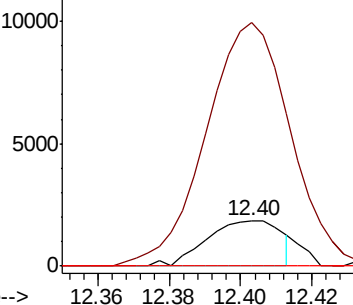


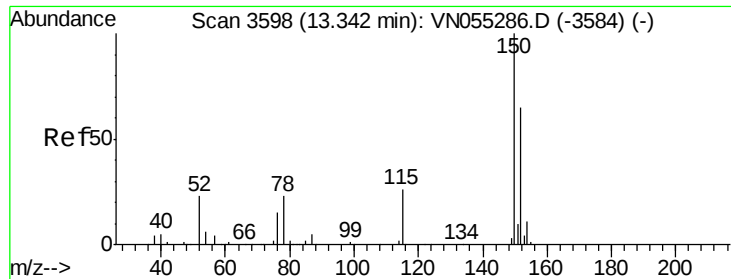
#71
Bromoform
Concen: 1.076 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion:173 Resp: 2682
Ion Ratio Lower Upper
173 100
175 530.1 23.6 71.0#
254 0.0 0.0 0.0



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



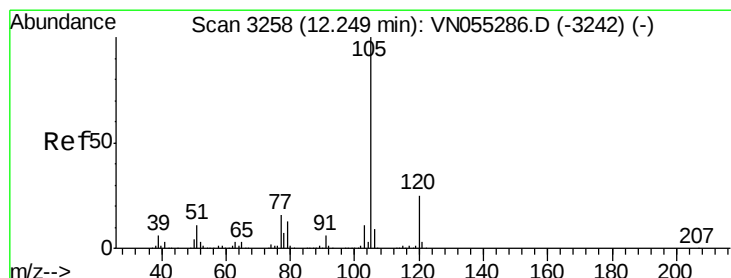
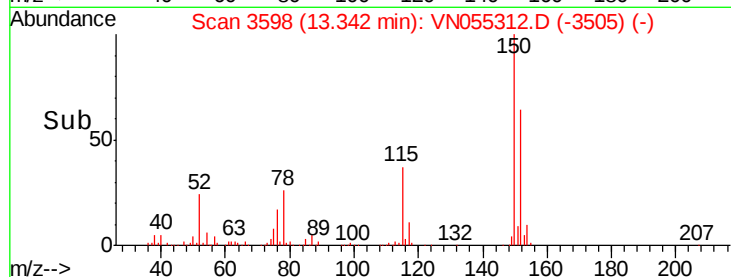
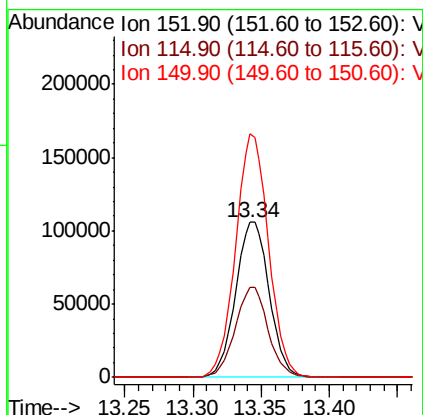
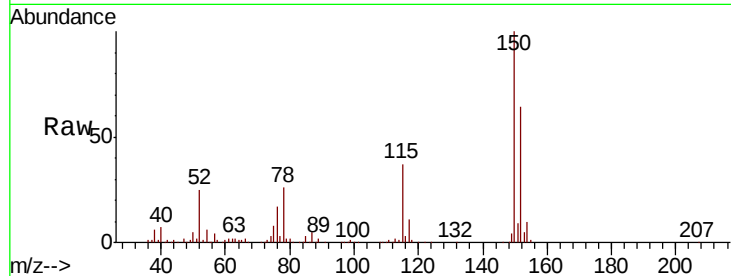


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

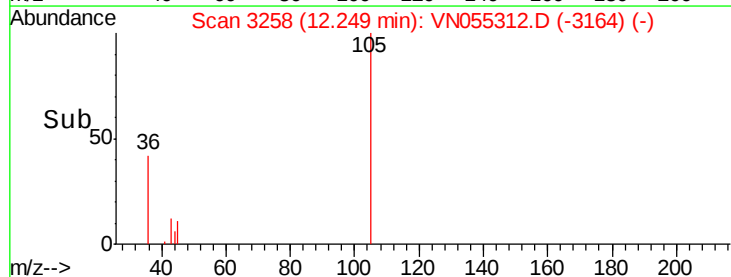
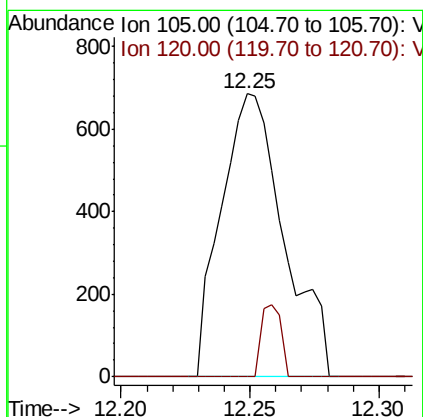
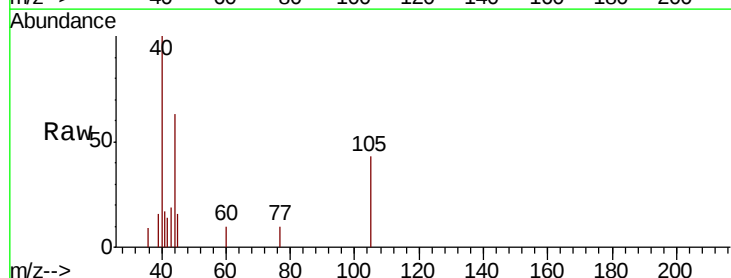
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.0	87.0
150	153.5	0.0	345.6

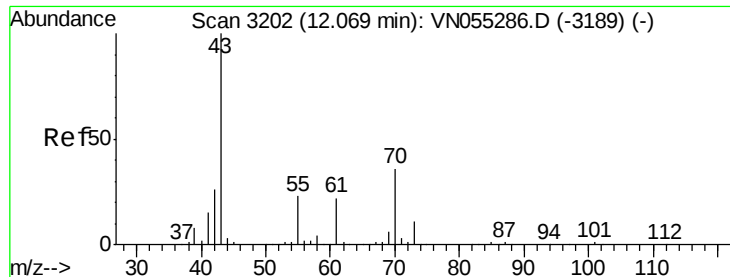


#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055312.D
Acq: 30 Apr 2019 16:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	8.1	12.9	38.7#





#74

N-amvl acetate

Concen: 4.052 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 18820

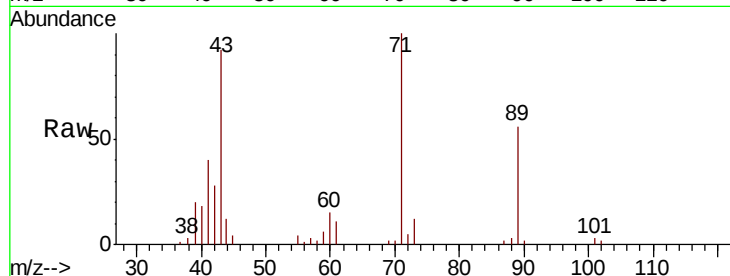
Ion Ratio Lower Upper

43 100

70 0.8 27.9 41.9#

55 4.4 18.2 27.2#

61 10.1 16.9 25.3#

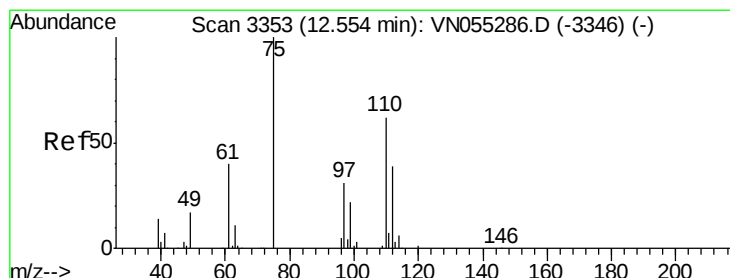
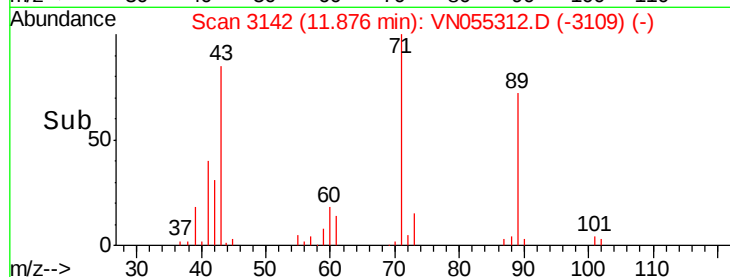
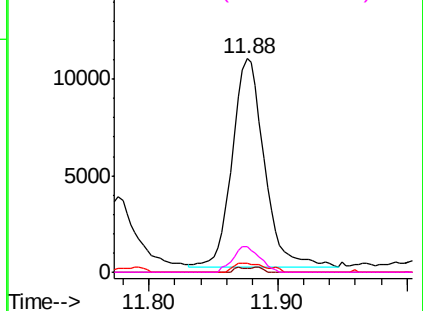


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 38.290 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055312.D

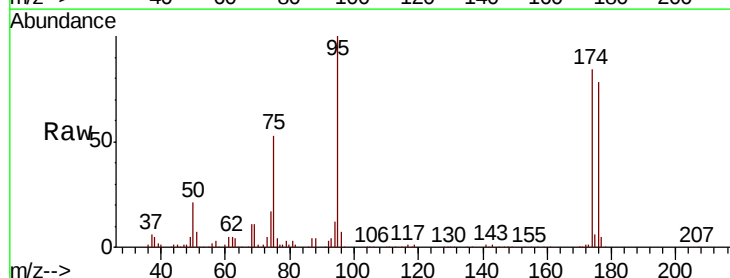
Acq: 30 Apr 2019 16:53

Tgt Ion: 75 Resp: 130790

Ion Ratio Lower Upper

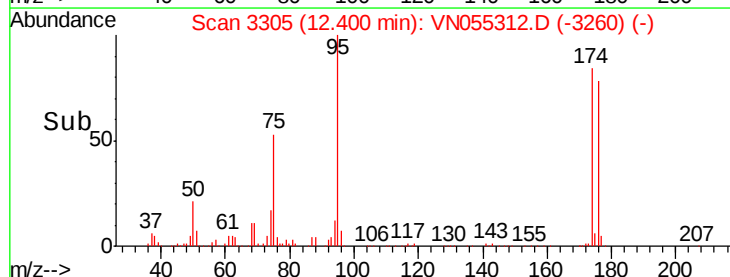
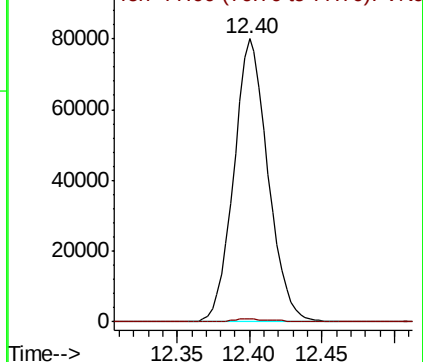
75 100

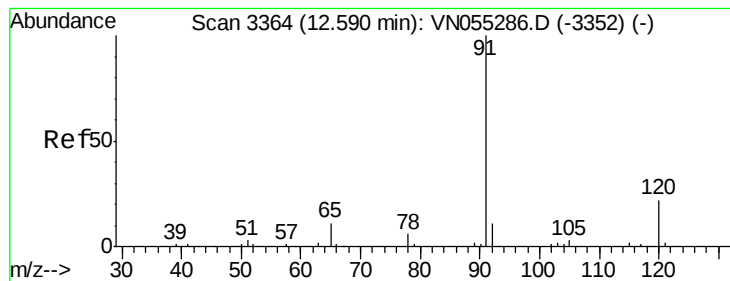
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#78

n-propylbenzene

Concen: 0.271 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

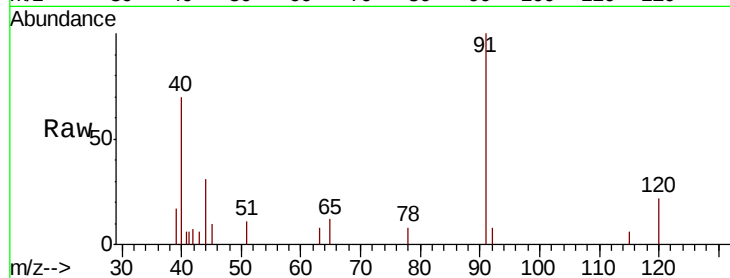
ClientSampled :

Tot Ion: 91 Resp: 5043

Ion Ratio Lower Upper

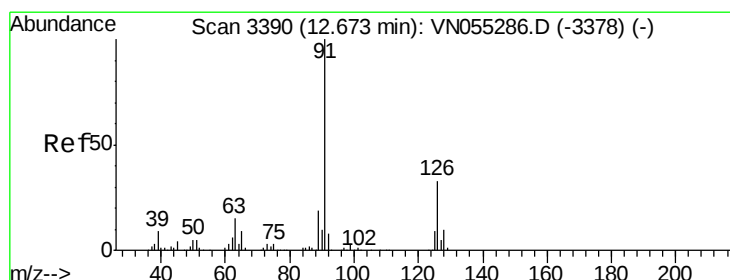
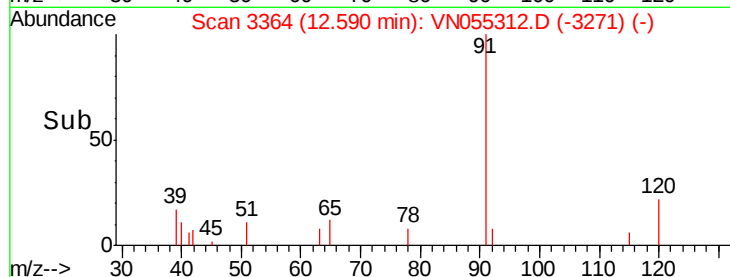
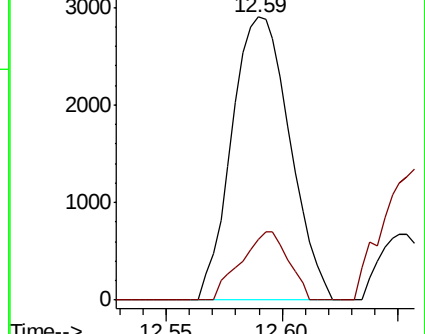
91 100

120 19.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN055312.D

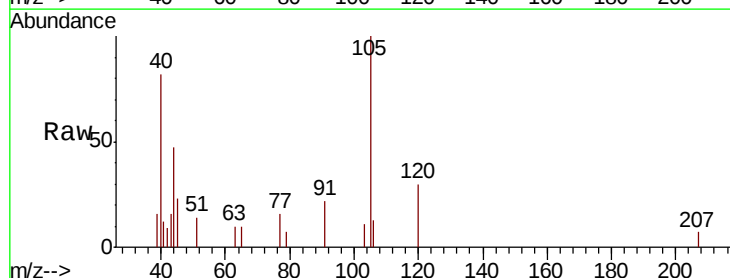
Acq: 30 Apr 2019 16:53

Tgt Ion: 91 Resp: 577

Ion Ratio Lower Upper

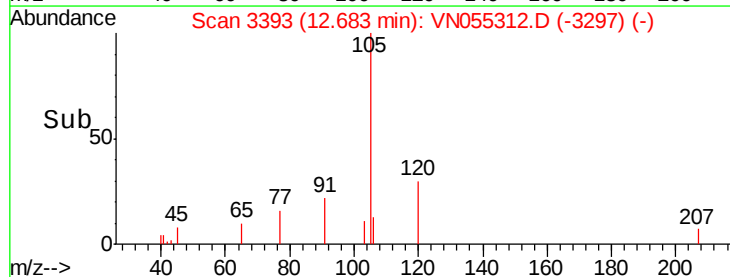
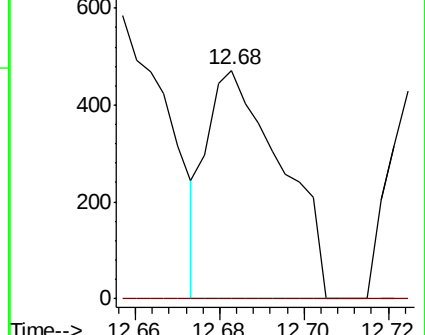
91 100

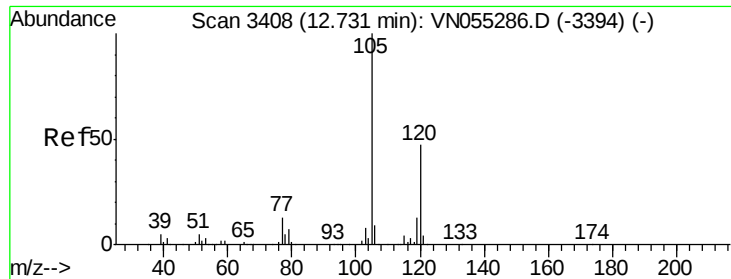
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

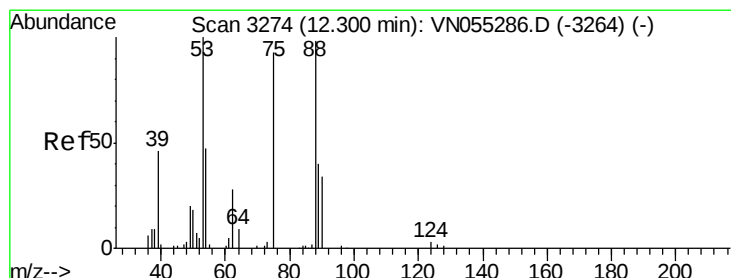
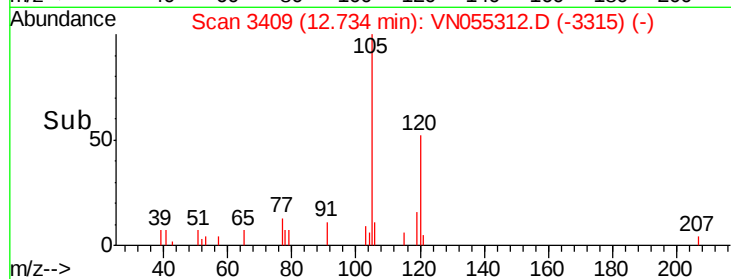
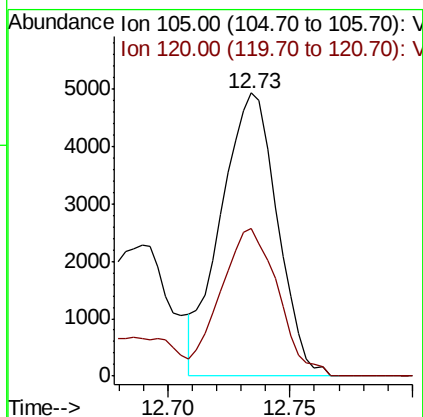
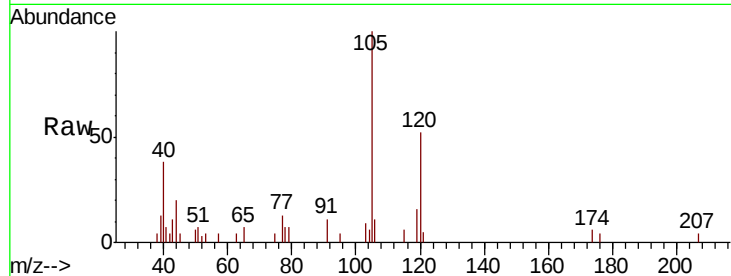




#80
 1,3,5-Trimethylbenzene
 Concen: 0.558 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

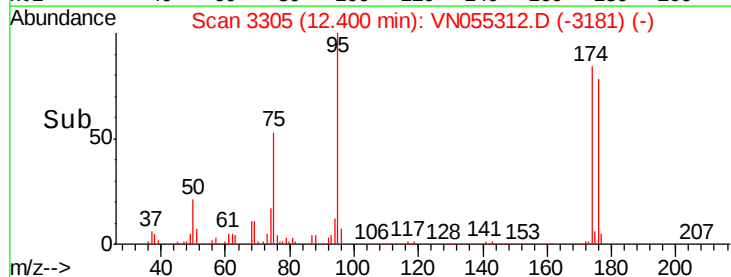
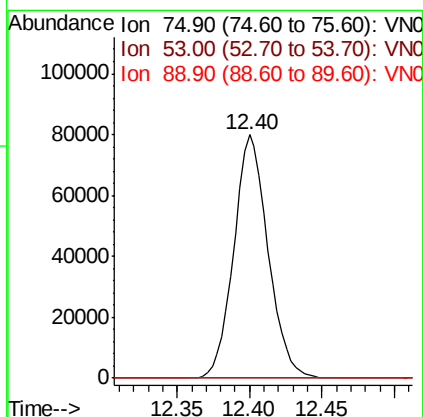
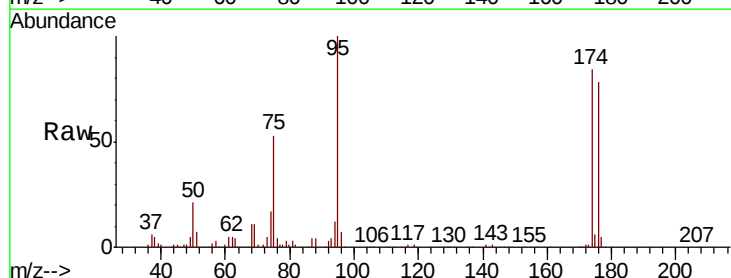
Instrument :
 MSVOA_N
 ClientSampled :

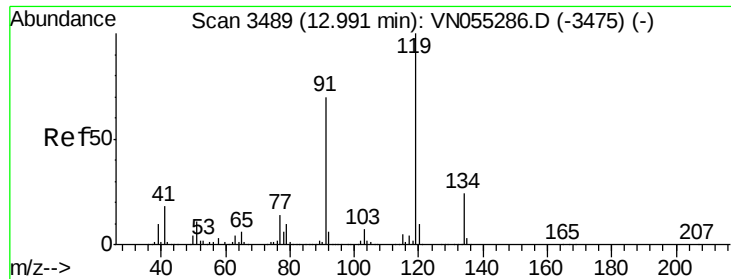
Tot Ion:105 Resp: 7923
 Ion Ratio Lower Upper
 105 100
 120 53.0 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.954 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Tgt Ion: 75 Resp: 130790
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.3 129.5#
 89 0.0 34.6 51.8#

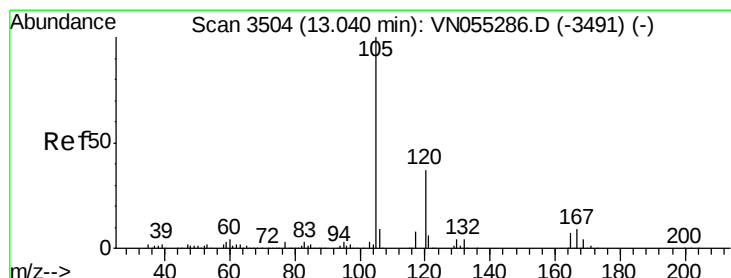
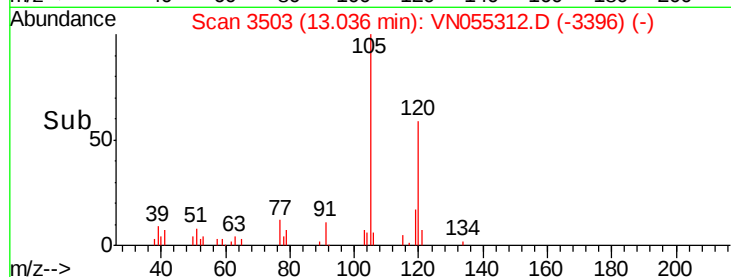
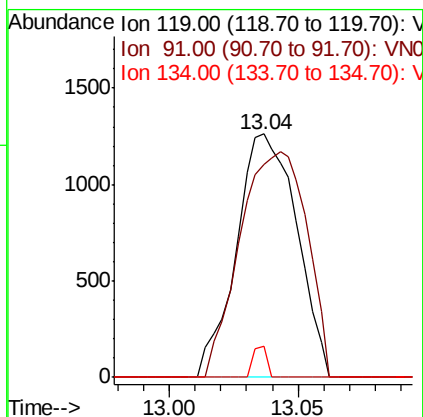
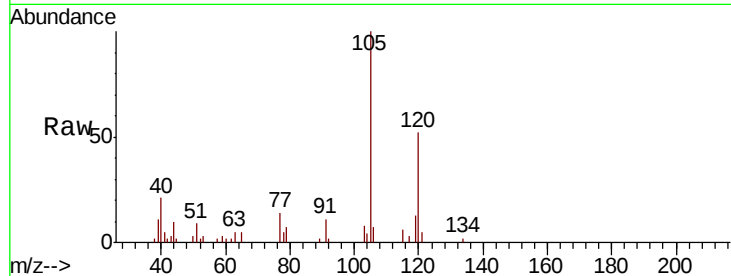




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.05 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

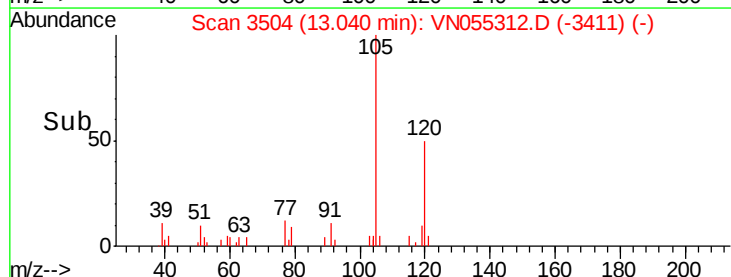
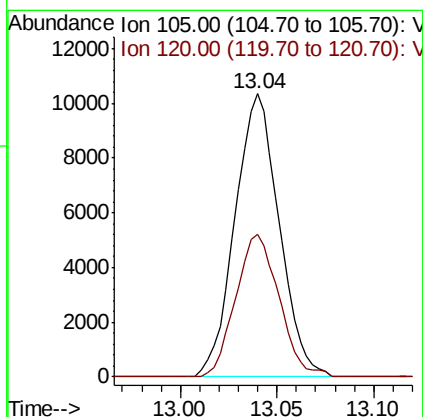
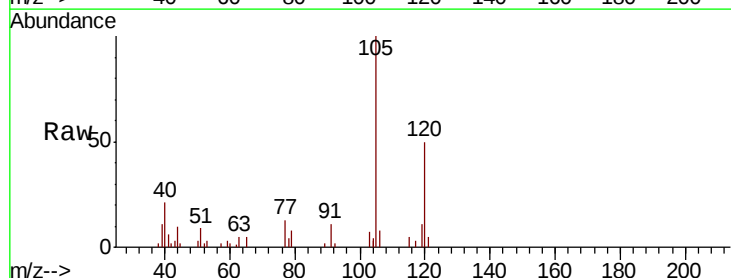
Instrument :
 MSVOA_N
 ClientSampleId :

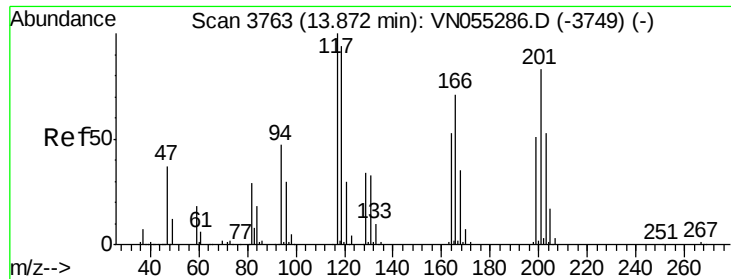
Tot Ion:119 Resp: 2059
 Ion Ratio Lower Upper
 119 100
 91 102.8 34.3 102.9
 134 2.9 13.1 39.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.293 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055312.D
 Acq: 30 Apr 2019 16:53

Tgt Ion:105 Resp: 16410
 Ion Ratio Lower Upper
 105 100
 120 49.5 22.1 66.5





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

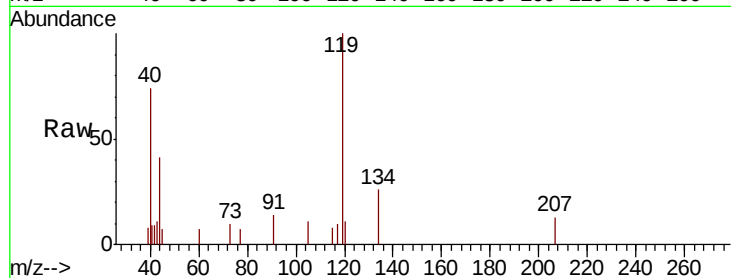
ClientSampleId :

Tot Ion:117 Resp: 257

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

250

200

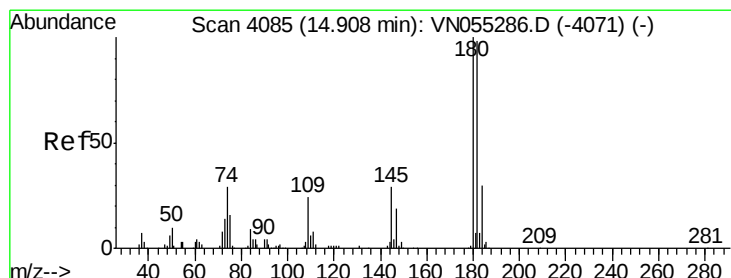
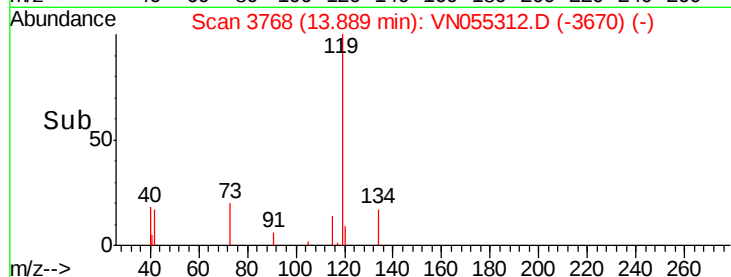
150

100

50

0

Time--> 13.86 13.88 13.90



#93

1,2,4-Trichlorobenzene

Concen: 3.323 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

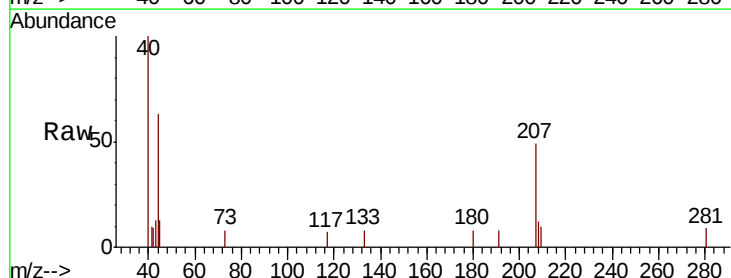
Tgt Ion:180 Resp: 31

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

145 200.0 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

14.92

200

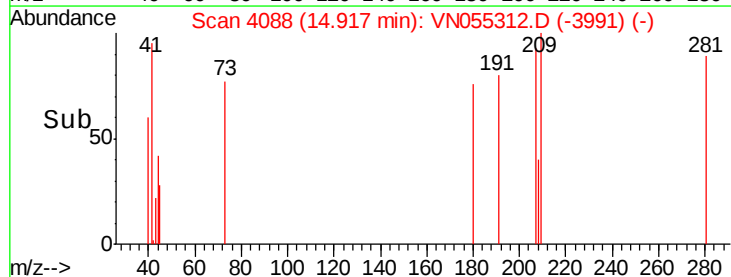
150

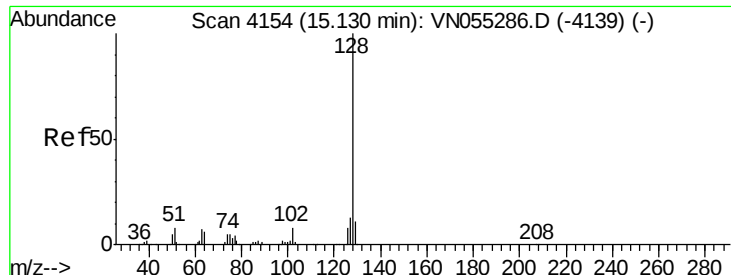
100

50

0

Time--> 14.91 14.92





#95

Naphthalene

Concen: 3.808 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055312.D

Acq: 30 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

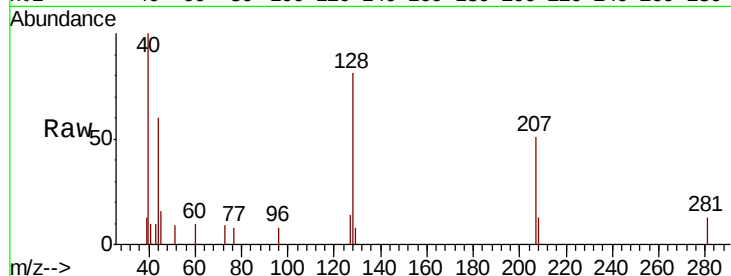
Tot Ion:128 Resp: 2583

Ion Ratio Lower Upper

128 100

127 9.8 10.7 16.1#

129 3.9 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

