

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055389.D
 Acq On : 3 May 2019 14:57
 Operator : JC/SP
 Sample : K2635-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-B

Quant Time: May 03 23:21:39 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	451648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	765460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224668	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	303127	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
35) Dibromofluoromethane	7.59	113	249607	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.09	98	938997	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	313258	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.82	56	66	0.250	ug/l #	14
14) Allyl chloride	4.56	41	15534	1.681	ug/l #	26
16) Acetone	3.83	43	44403	24.118	ug/l	95
18) Methyl Acetate	4.33	43	1161	Below Cal		94
20) Methylene Chloride	4.55	84	317466	56.494	ug/l	97
29) Tetrahydrofuran	7.22	42	992	0.658	ug/l #	50
30) Chloroform	7.37	83	5359	0.578	ug/l	86
31) Cyclohexane	7.67	56	9689	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	35037	4.779	ug/l #	49
38) Carbon Tetrachloride	7.67	117	42924	6.069	ug/l #	15
41) Methacrylonitrile	7.17	41	135	0.784	ug/l #	23
43) Isopropyl Acetate	8.17	43	9767	1.082	ug/l #	77
47) Bromodichloromethane	9.41	83	1564	0.214	ug/l #	92
48) Methyl methacrylate	9.18	41	6057	1.364	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4058	0.798	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	42138	5.326	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	6725	0.832	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	194	12.510	ug/l #	52
59) 2-Hexanone	10.76	43	113735	35.752	ug/l #	53
67) Ethyl Benzene	11.51	91	25659	1.039	ug/l	99
68) m/p-Xylenes	11.62	106	41661	4.725	ug/l	100
69) o-Xylene	11.95	106	18468	2.113	ug/l	98
71) Bromoform	12.40	173	2503	0.842	ug/l #	1
73) Isopropylbenzene	12.26	105	2198	Below Cal		85
74) N-amyl acetate	12.04	43	3635	0.630	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.49	83	96	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	159762	37.634	ug/l #	100
77) Bromobenzene	12.53	156	30	Below Cal	#	1
78) n-propylbenzene	12.59	91	9344	0.405	ug/l	95
79) 2-Chlorotoluene	12.65	91	4924	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	31343	1.780	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	159762	134.759	ug/l #	7
82) 4-Chlorotoluene	12.73	91	3244	0.242	ug/l #	42
83) tert-Butylbenzene	13.04	119	16369	Below Cal	#	76

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

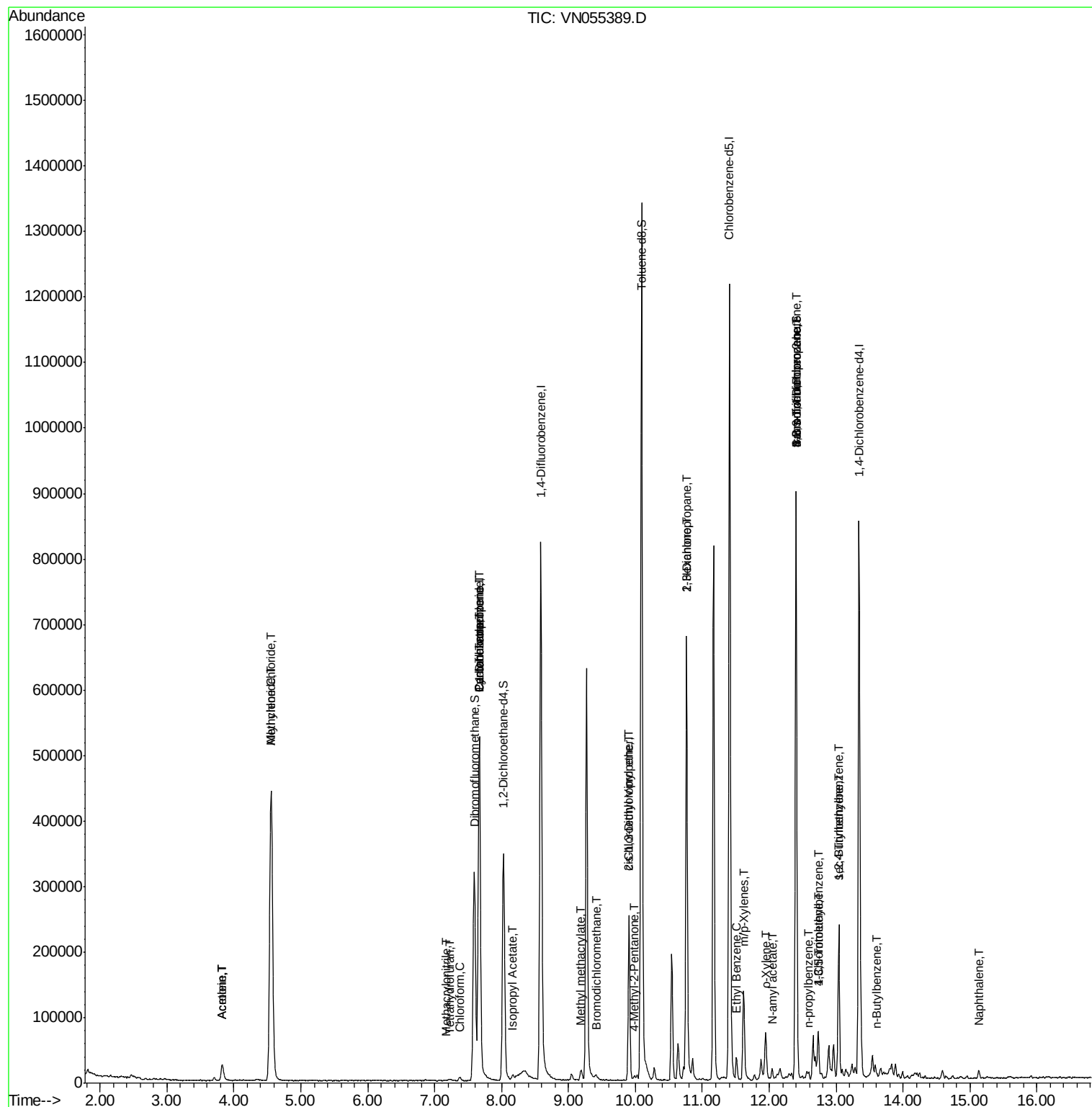
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	129011	8.190	ug/l	98
85) sec-Butylbenzene	13.04	105	129011	6.739	ug/l #	58
89) n-Butylbenzene	13.61	91	2480	0.222	ug/l #	77
90) Hexachloroethane	13.90	117	1170	Below Cal	#	7
95) Naphthalene	15.13	128	10890	4.956	ug/l #	82

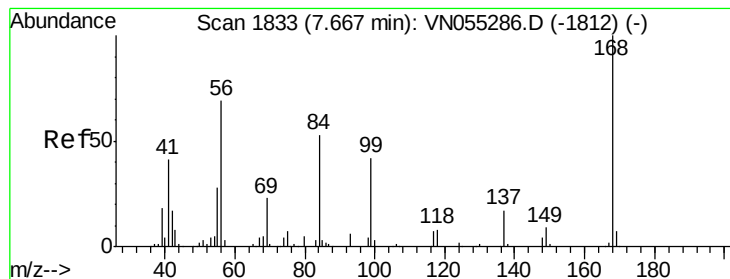
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

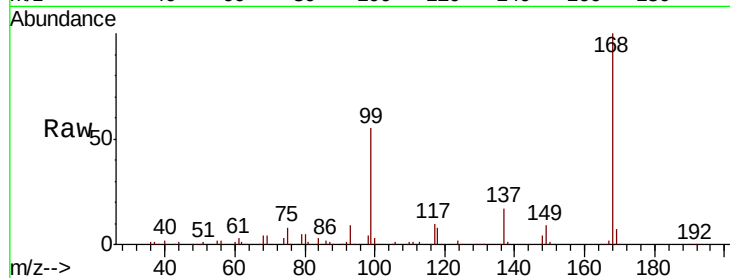
AU-05-050219-B

Tot Ion:168 Resp: 451648

Ion Ratio Lower Upper

168 100

99 55.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055389.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055389.D (-1740) (-)

7.67

200000

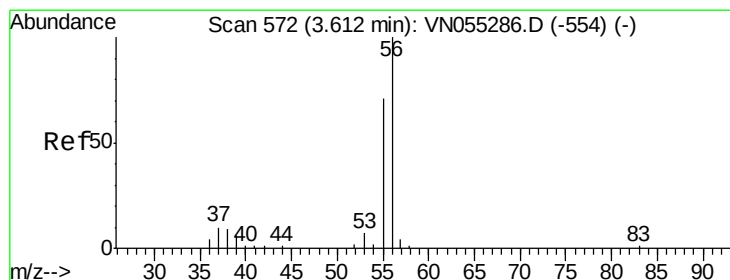
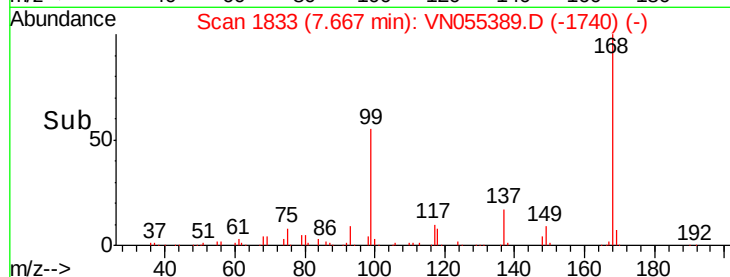
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.250 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.21 min

Lab File: VN055389.D

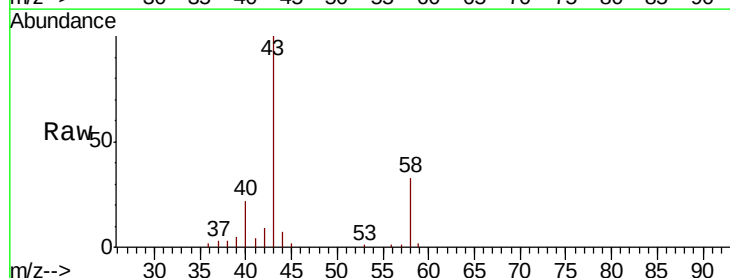
Acq: 3 May 2019 14:57

Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055389.D (-479) (-)

Ion 55.00 (54.70 to 55.70): VN055389.D (-479) (-)

3.82

200

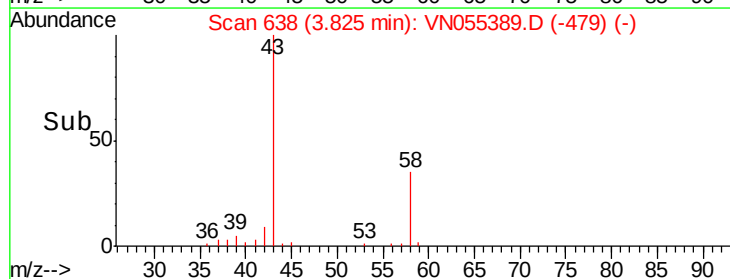
150

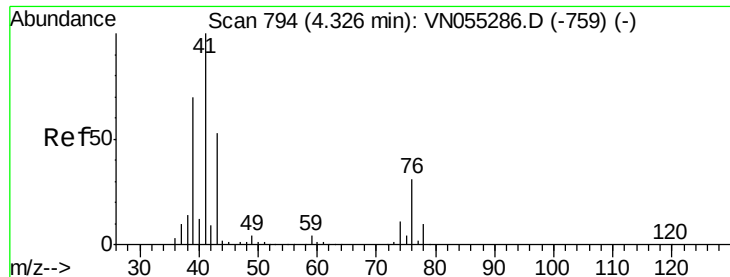
100

50

0

Time-->

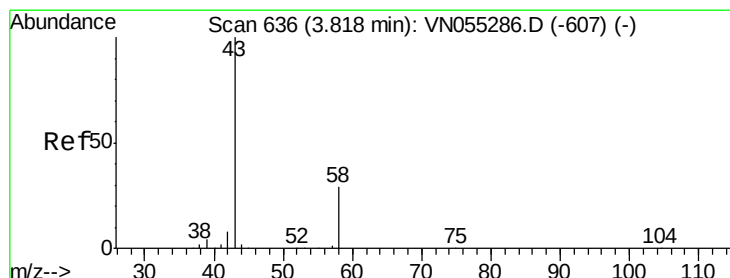
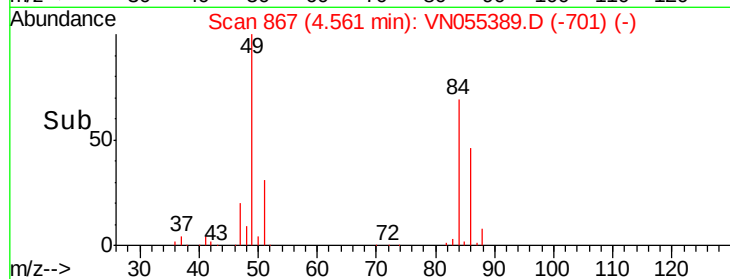
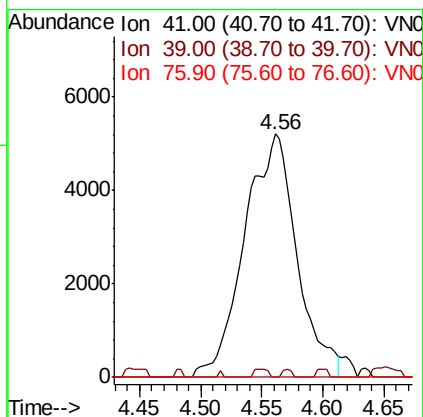
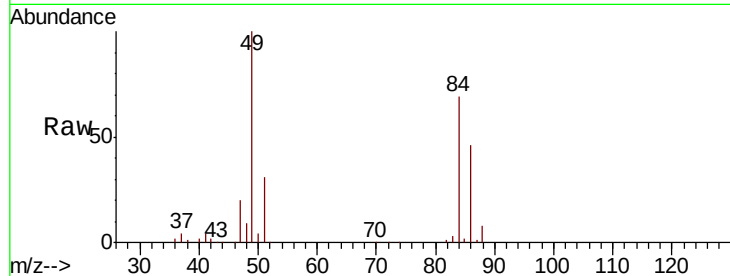




#14
Allvl chloride
Concen: 1.681 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.23 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

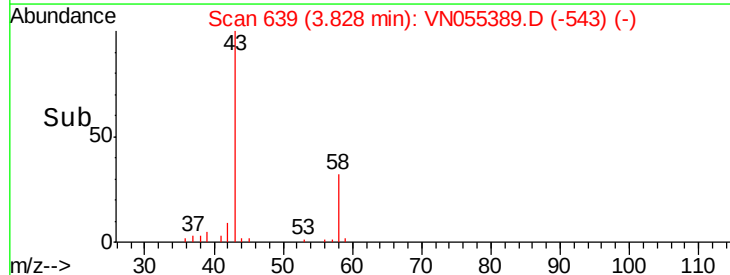
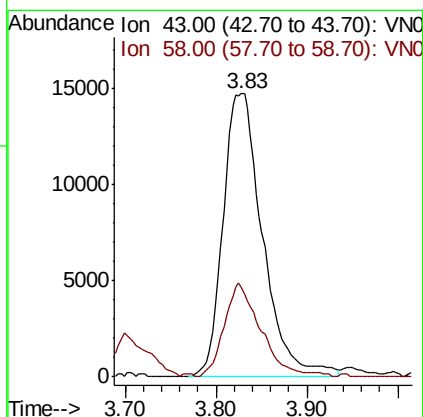
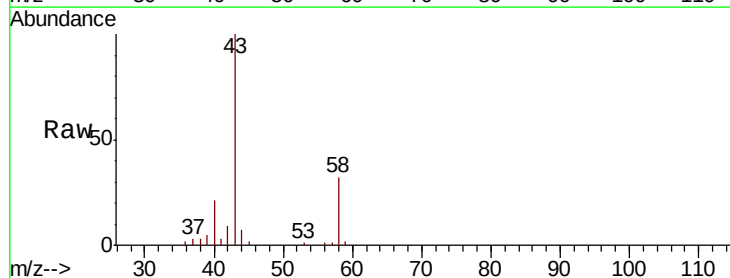
Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-B

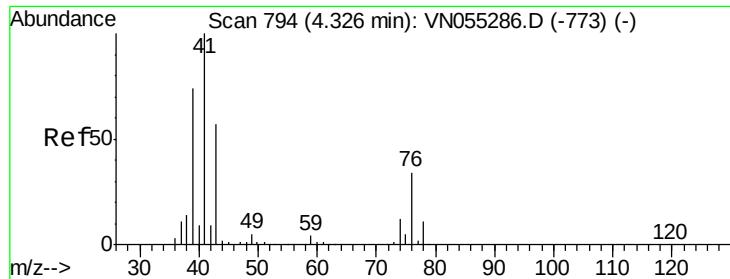
Tot Ion: 41 Resp: 15534
Ion Ratio Lower Upper
41 100
39 0.8 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 24.118 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 43 Resp: 44403
Ion Ratio Lower Upper
43 100
58 32.0 23.6 35.4

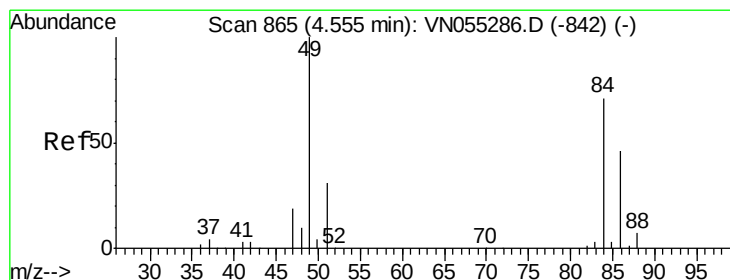
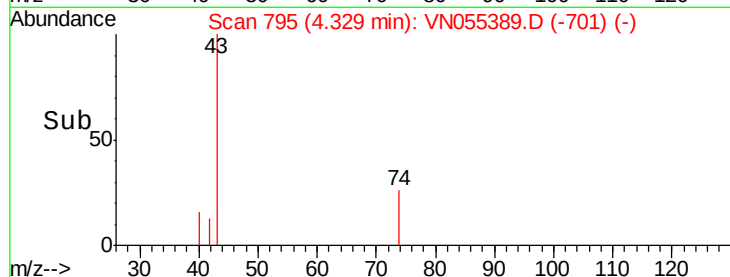
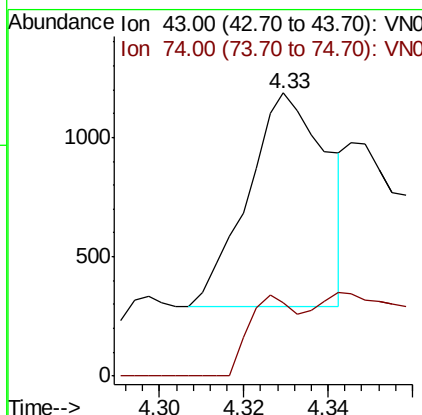
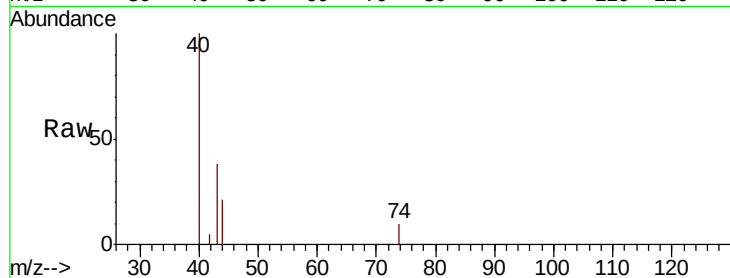




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

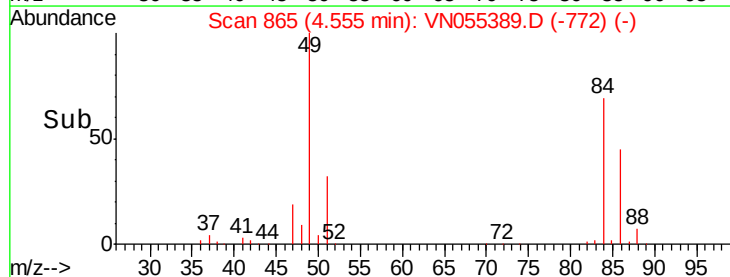
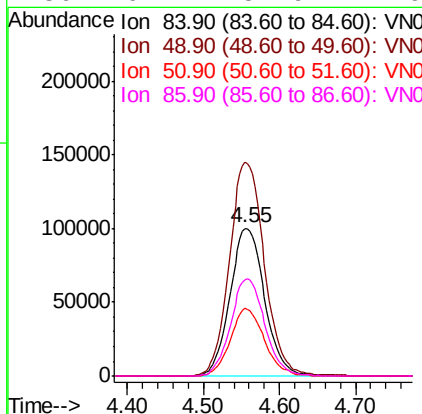
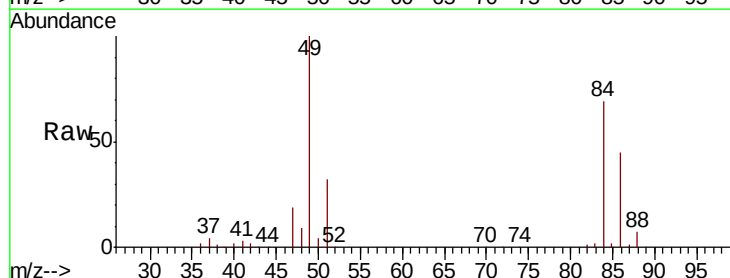
Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

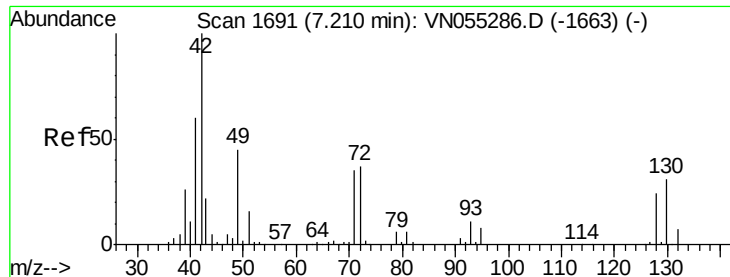
Tot Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
74 22.5 15.8 23.8



#20
Methylene Chloride
Concen: 56.494 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 84 Resp: 317466
Ion Ratio Lower Upper
84 100
49 144.5 112.4 168.6
51 45.8 34.6 51.8
86 64.7 51.9 77.9

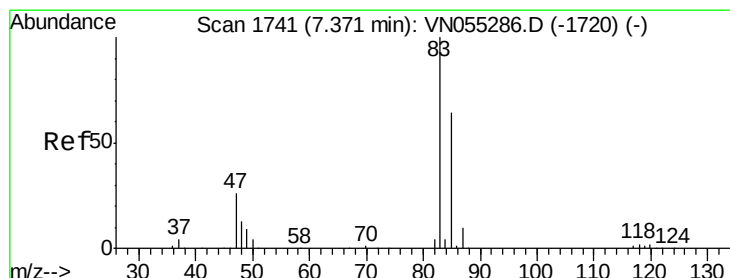
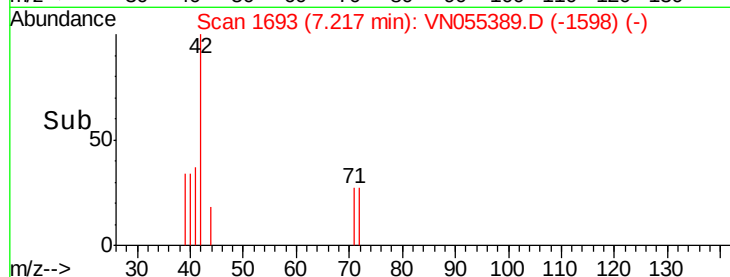
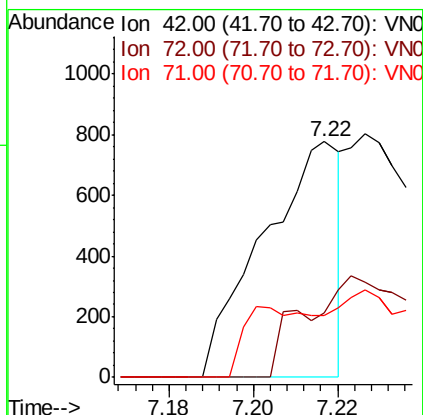
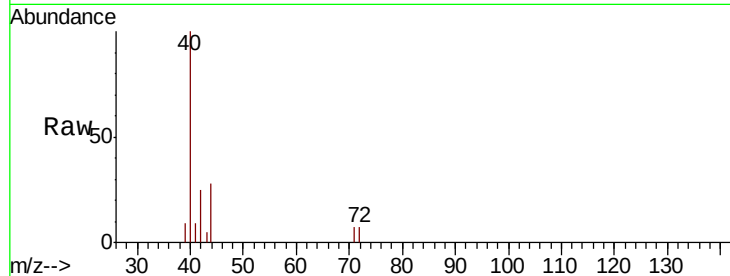




#29
Tetrahydrofuran
Concen: 0.658 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

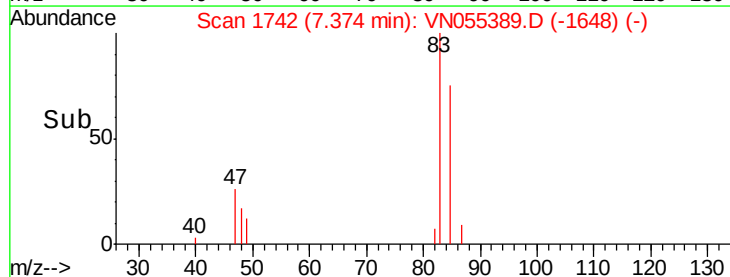
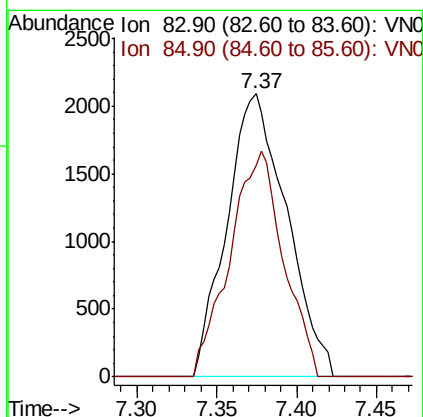
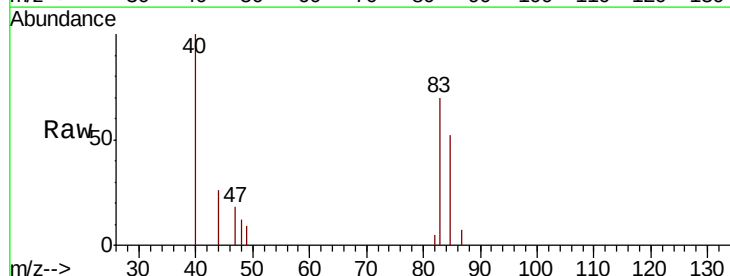
Instrument :
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ClientSampleId :
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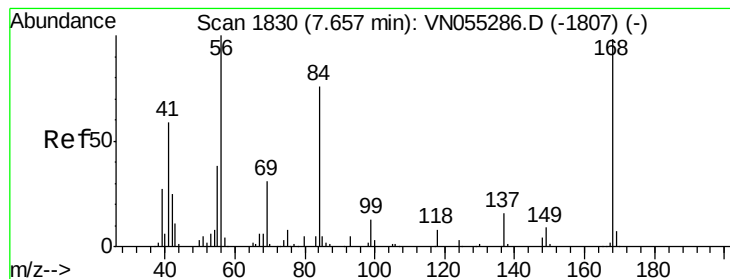
Tot Ion: 42 Resp: 992
Ion Ratio Lower Upper
42 100
72 68.4 29.0 43.6#
71 8.1 27.1 40.7#



#30
Chloroform
Concen: 0.578 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 83 Resp: 5359
Ion Ratio Lower Upper
83 100
85 74.9 51.4 77.2





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

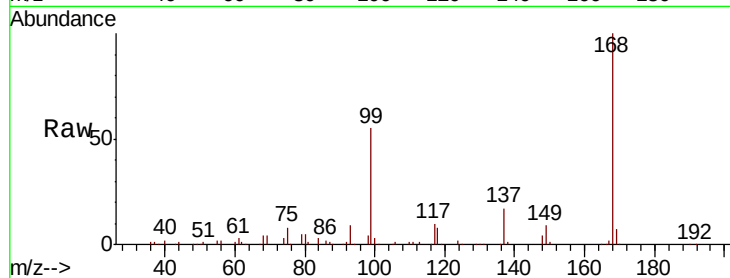
Tot Ion: 56 Resp: 9689

Ion Ratio Lower Upper

56 100

69 150.1 25.2 37.8#

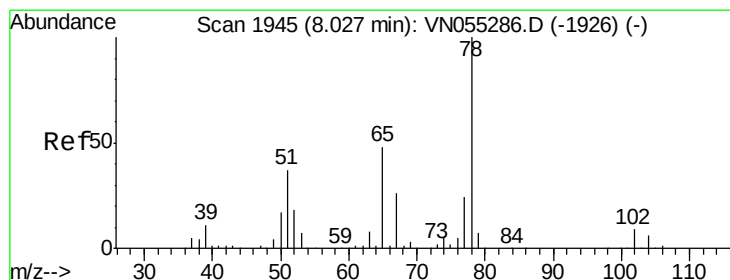
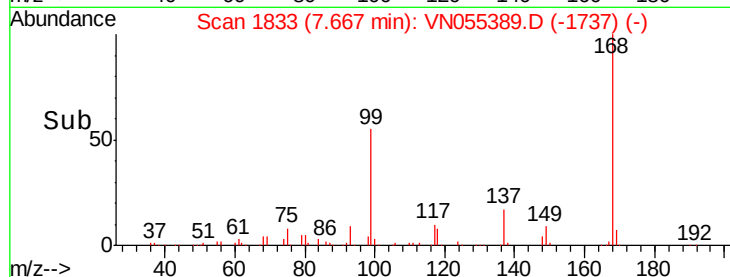
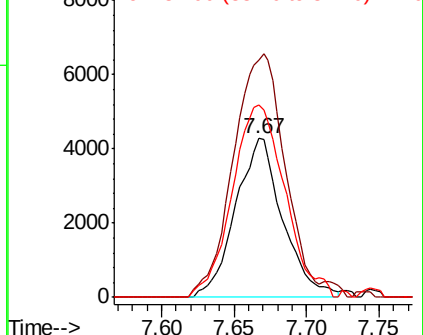
84 121.7 61.1 91.7#



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: 51.303 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055389.D

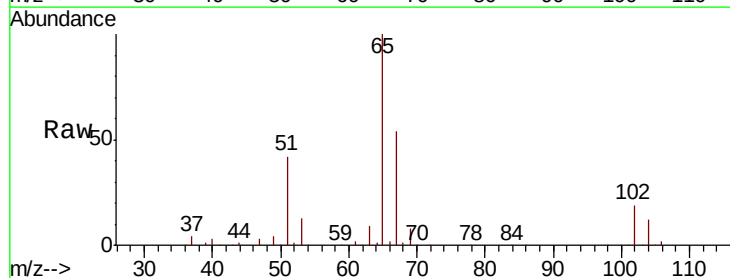
Acq: 3 May 2019 14:57

Tgt Ion: 65 Resp: 303127

Ion Ratio Lower Upper

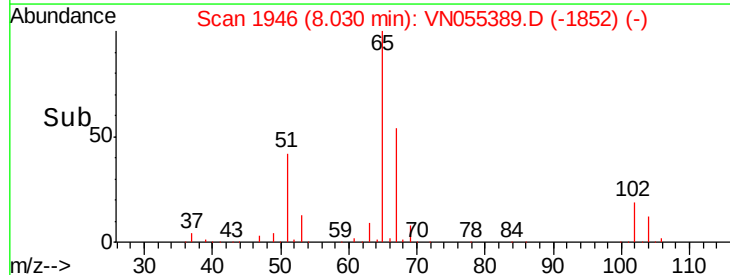
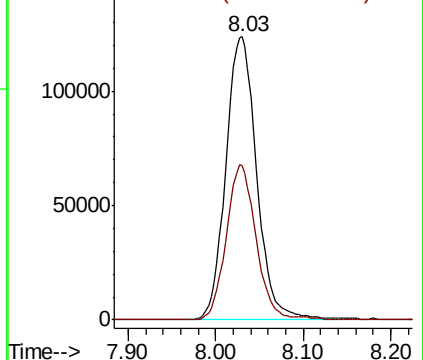
65 100

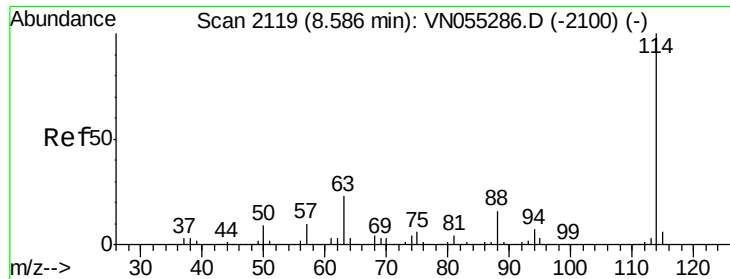
67 53.3 0.0 106.8



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: VN055389.D

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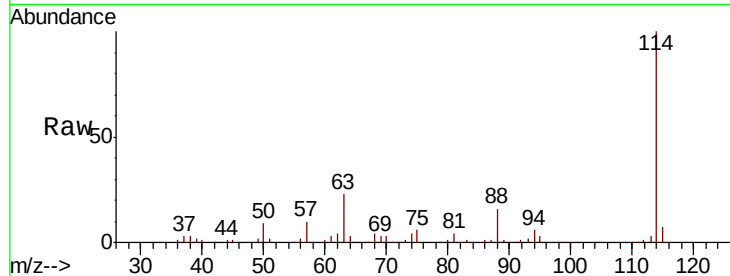
Tot Ion:114 Resp: 765460

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

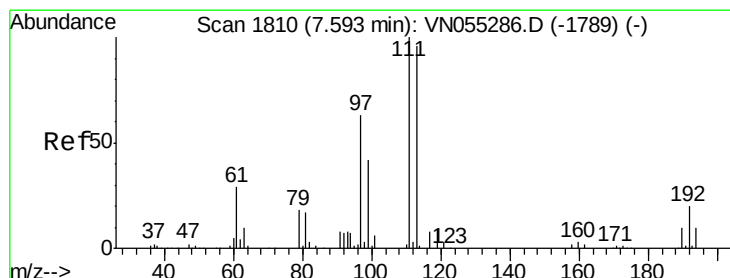
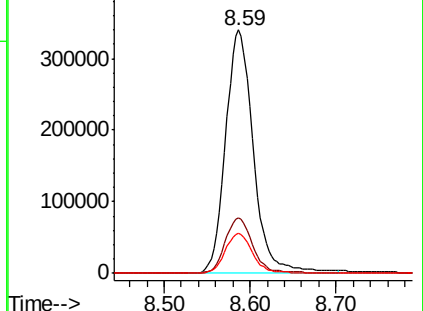
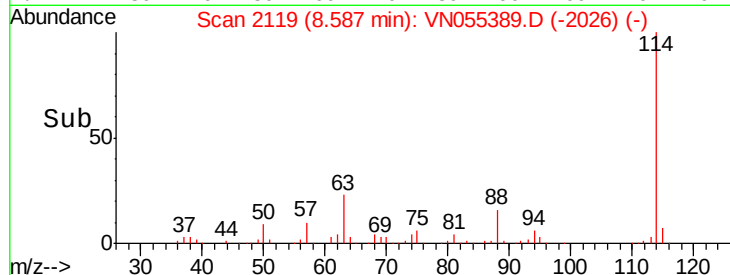
88 16.5 0.0 31.6



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: 49.681 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

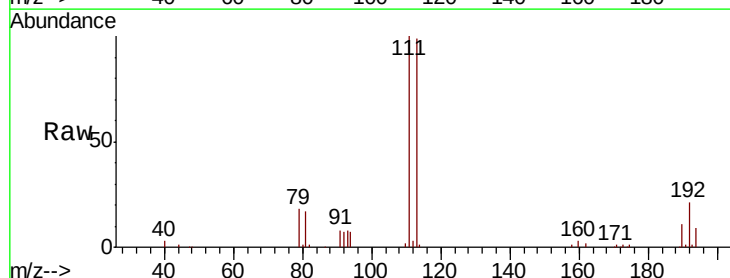
Tgt Ion:113 Resp: 249607

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

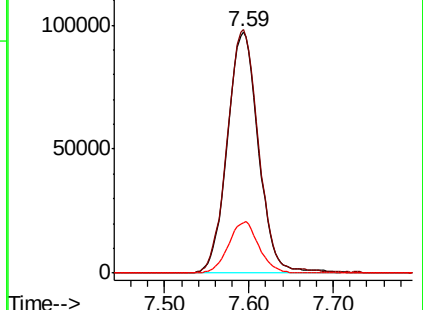
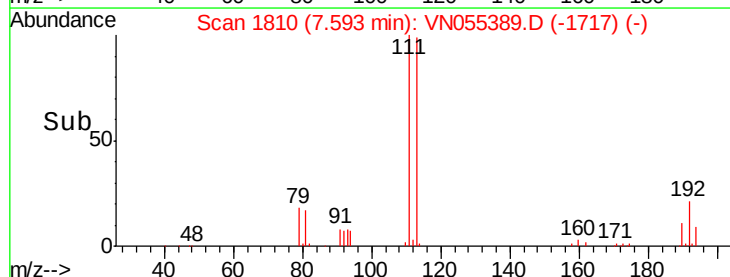
192 20.8 17.0 25.6

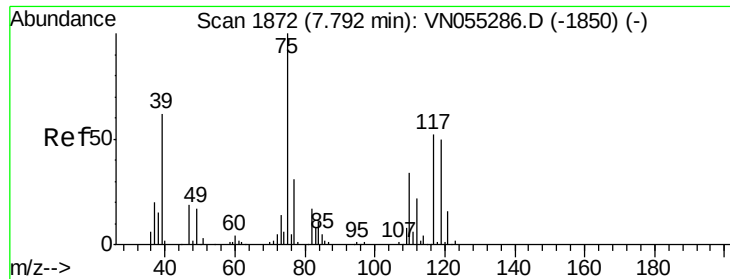


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

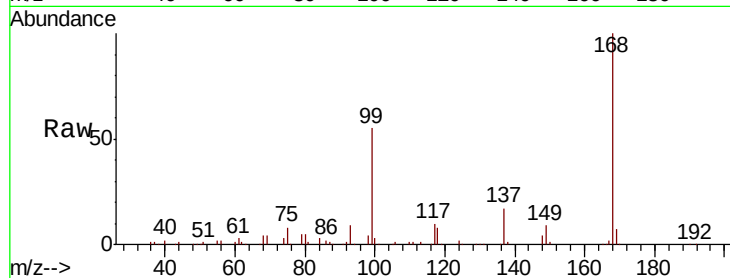




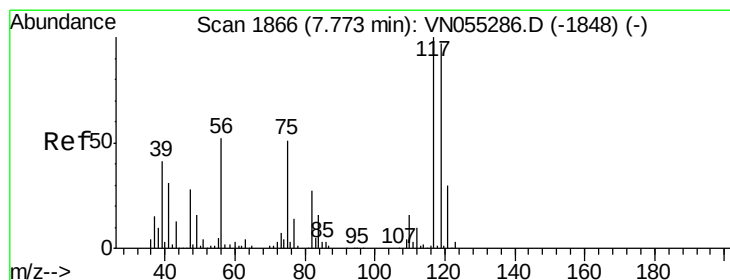
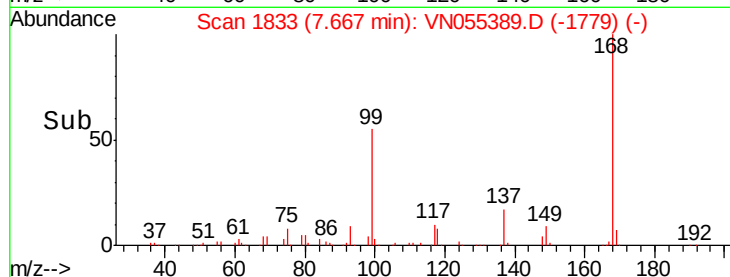
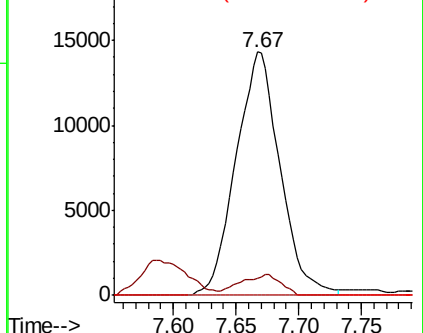
#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-B

Tot Ion: 75 Resp: 35037
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.8 50.4#
 77 0.0 25.0 37.6#

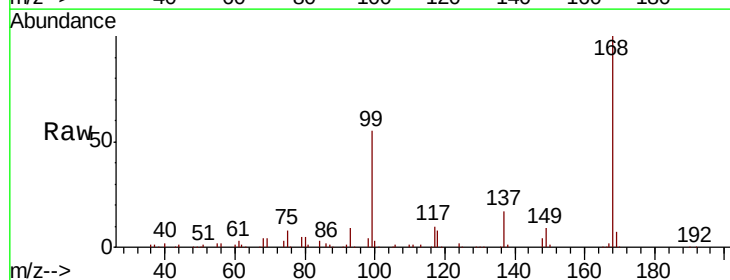


Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-1850) (-)
 Ion 109.90 (109.60 to 110.60): VN055286.D (-1850) (-)
 Ion 76.90 (76.60 to 77.60): VN055286.D (-1850) (-)

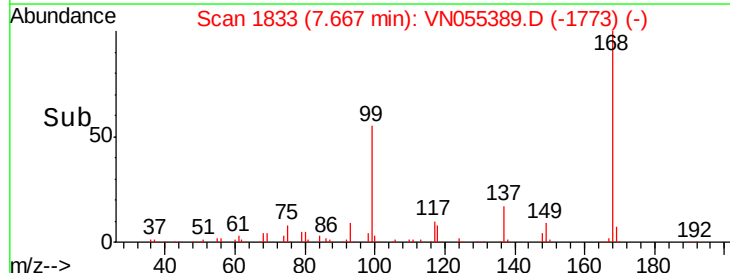
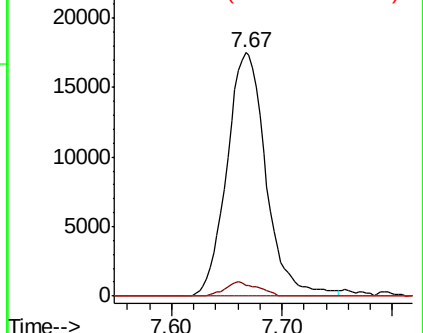


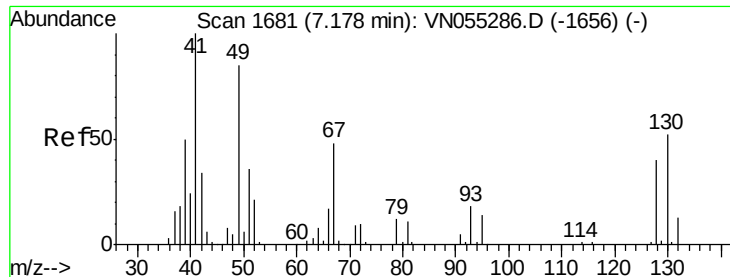
#38
 Carbon Tetrachloride
 Concen: 6.069 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

Tgt Ion: 117 Resp: 42924
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.0 115.6#
 121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN055286.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN055286.D (-1848) (-)





#41

Methacrylonitrile

Concen: 0.784 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

Tot Ion: 41 Resp: 135

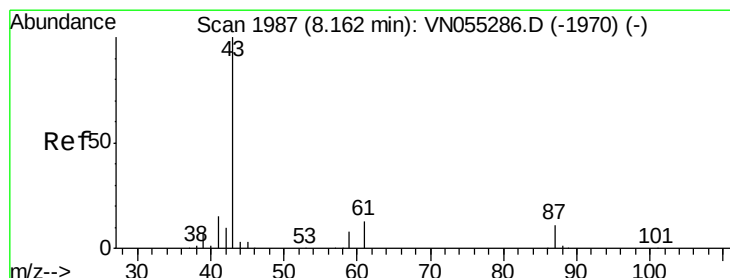
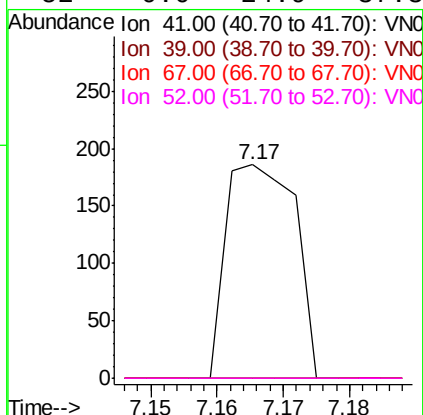
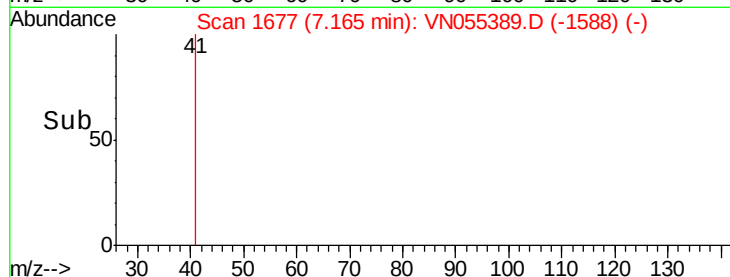
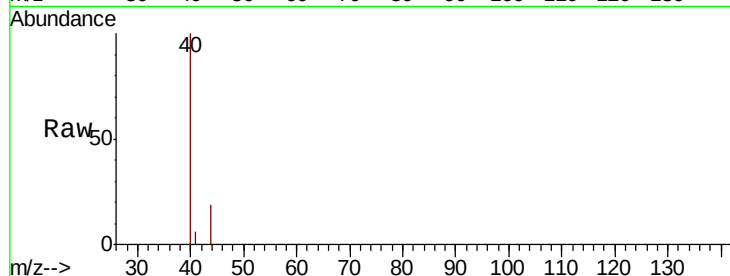
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



#43

Isopropyl Acetate

Concen: 1.082 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

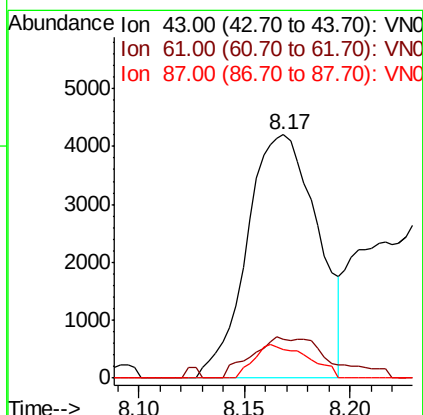
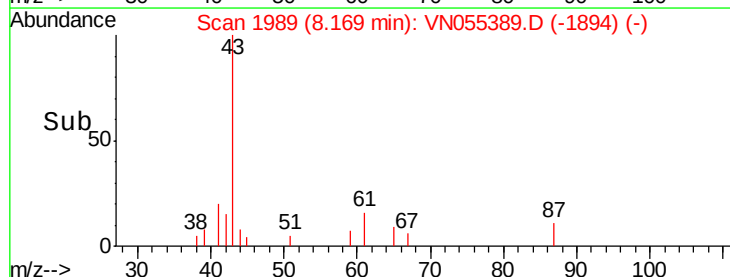
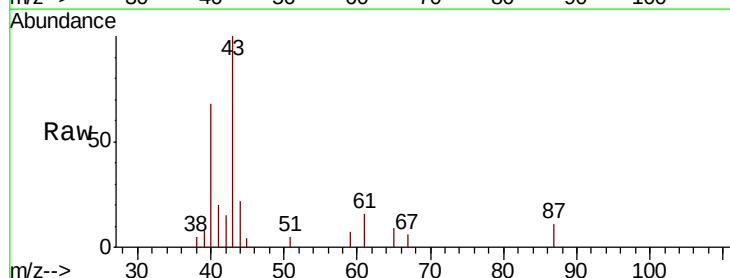
Tgt Ion: 43 Resp: 9767

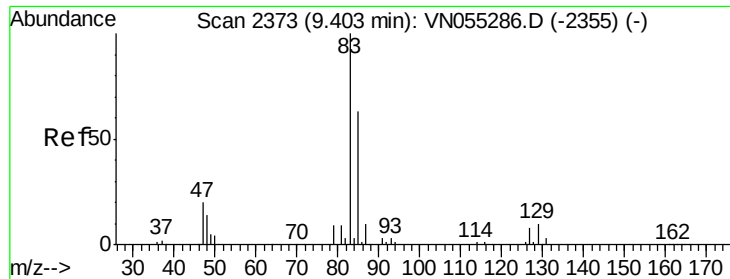
Ion Ratio Lower Upper

43 100

61 9.4 20.8 31.2#

87 10.4 8.5 12.7





#47

Bromodichloromethane

Concen: 0.214 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

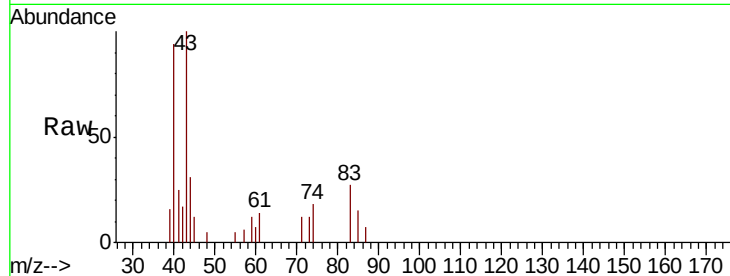
Tot Ion: 83 Resp: 1564

Ion Ratio Lower Upper

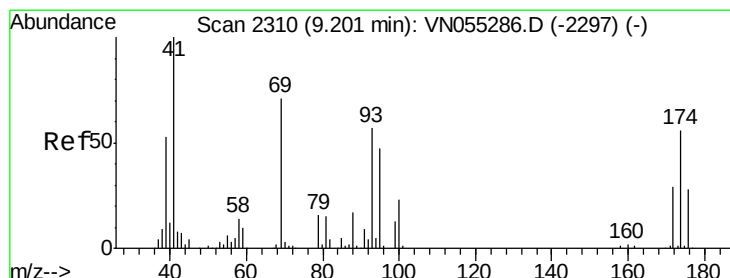
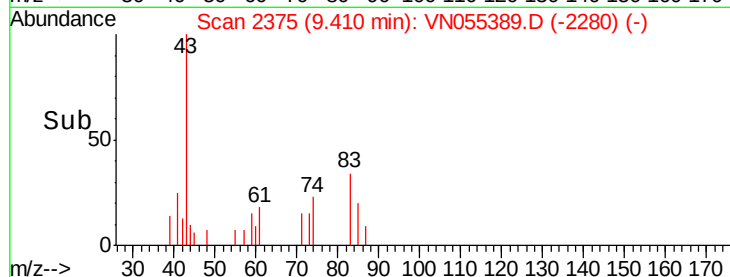
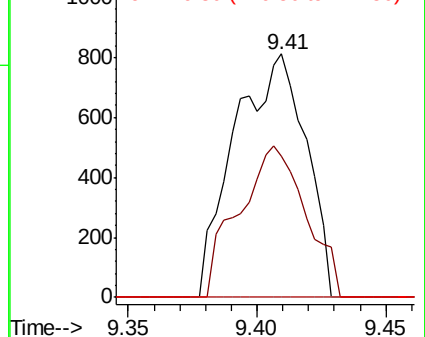
83 100

85 58.1 50.1 75.1

127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.364 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

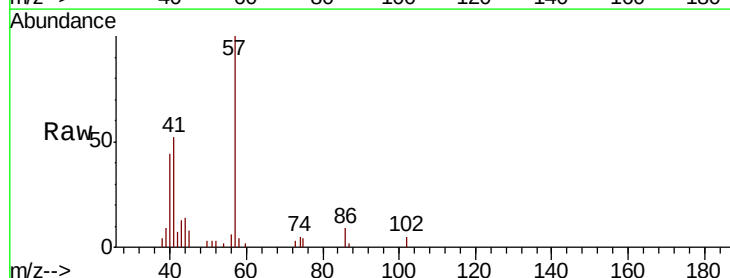
Tgt Ion: 41 Resp: 6057

Ion Ratio Lower Upper

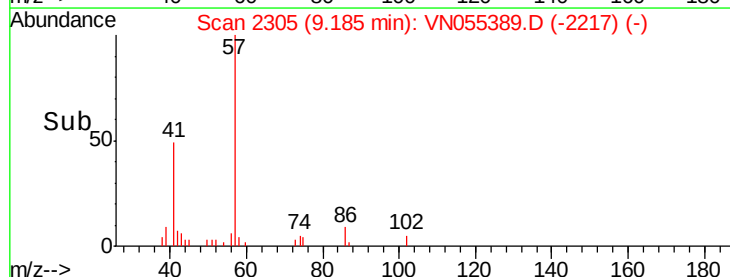
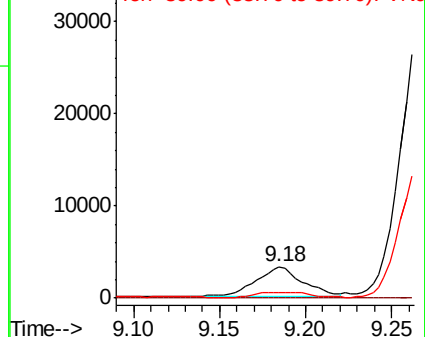
41 100

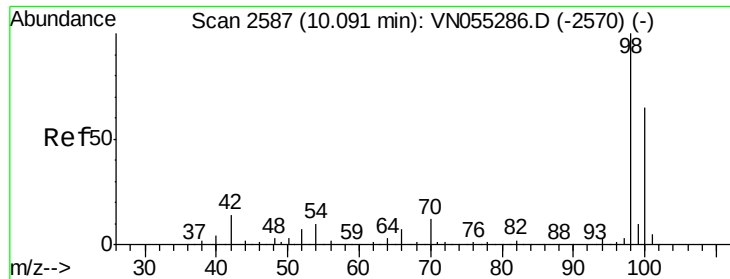
69 0.0 58.6 87.8#

39 0.0 43.8 65.6#



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





#50

Toluene-d8

Concen: 51.758 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

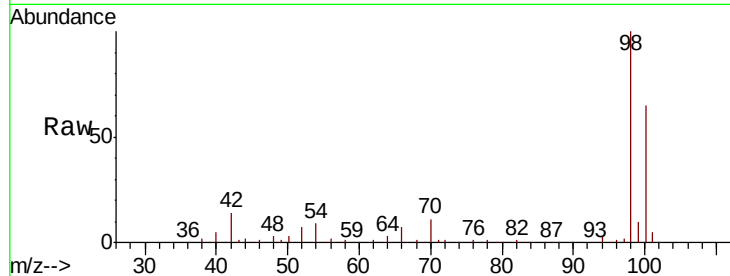
AU-05-050219-B

Tot Ion: 98 Resp: 938997

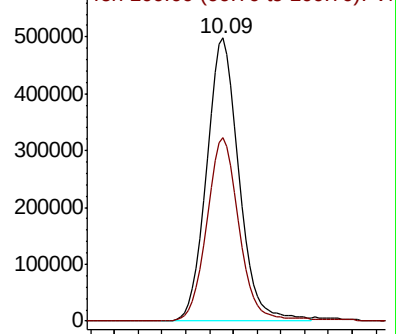
Ion Ratio Lower Upper

98 100

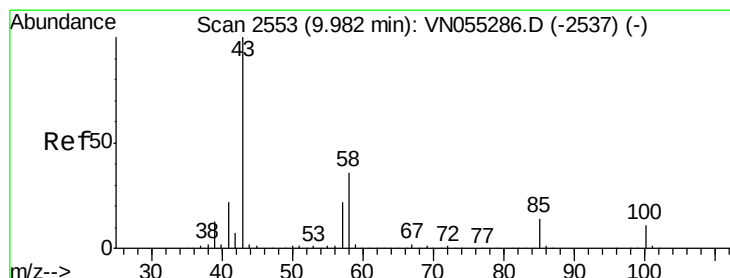
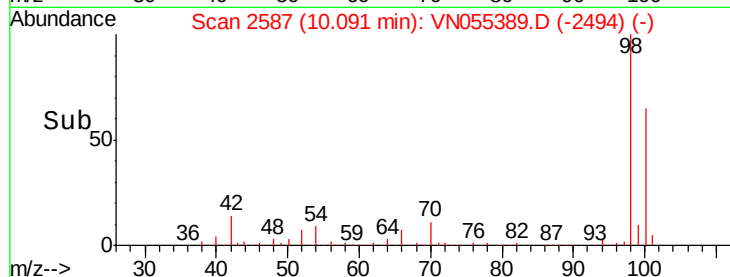
100 64.9 51.7 77.5



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



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.798 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055389.D

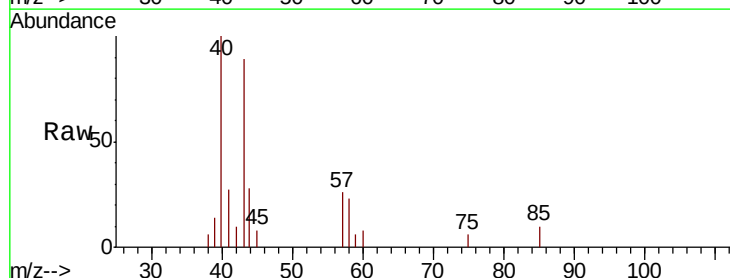
Acq: 3 May 2019 14:57

Tgt Ion: 43 Resp: 4058

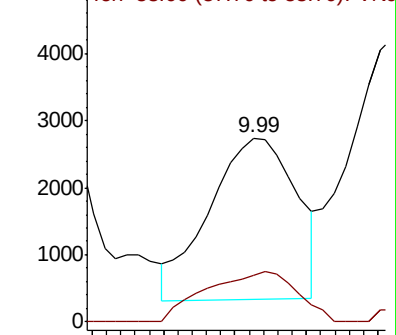
Ion Ratio Lower Upper

43 100

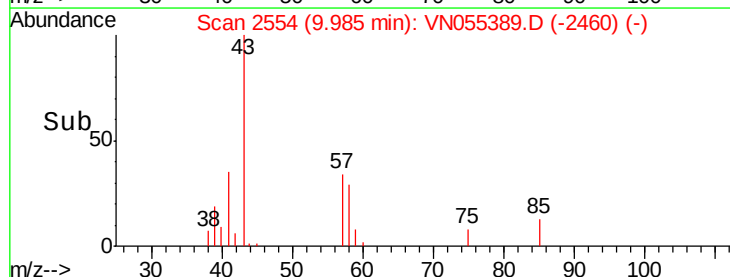
58 32.7 28.5 42.7

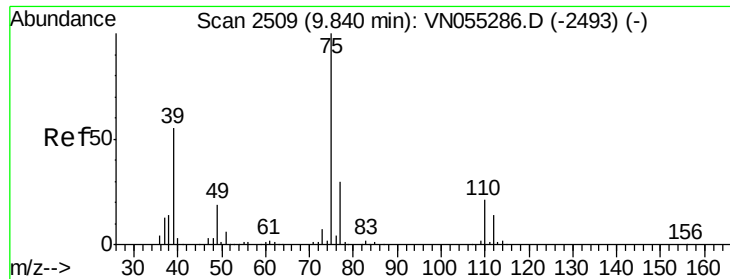


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)



Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.326 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

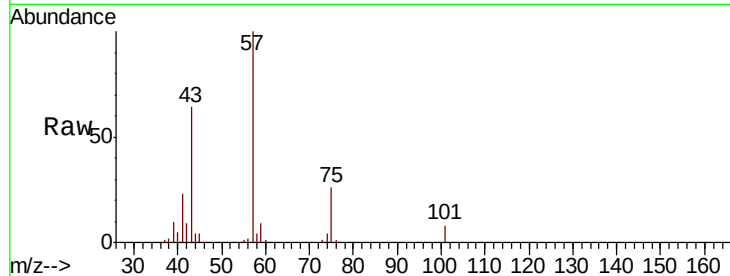
Tot Ion: 75 Resp: 42138

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

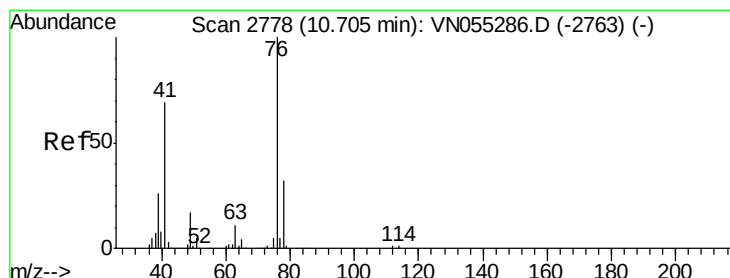
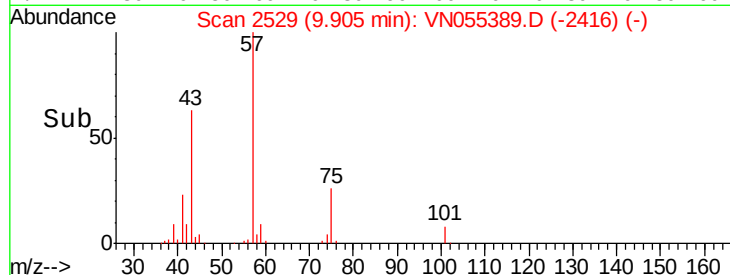
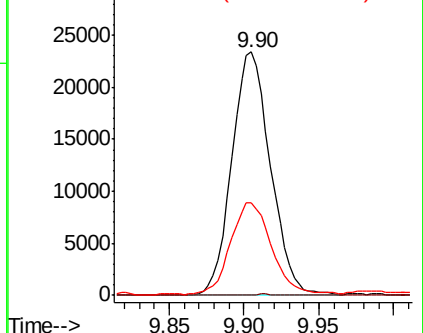
39 37.3 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.832 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055389.D

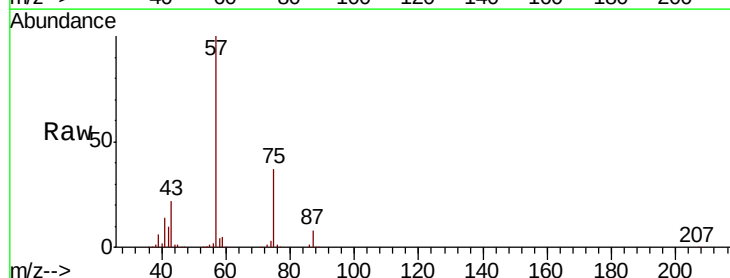
Acq: 3 May 2019 14:57

Tgt Ion: 76 Resp: 6725

Ion Ratio Lower Upper

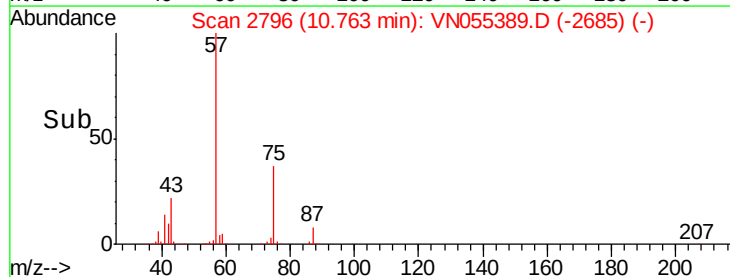
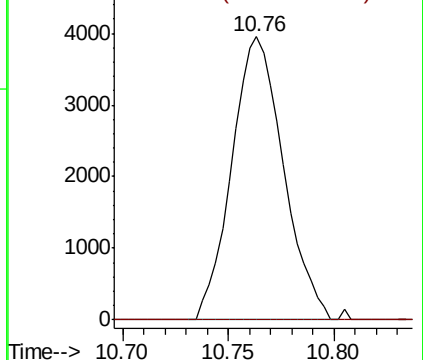
76 100

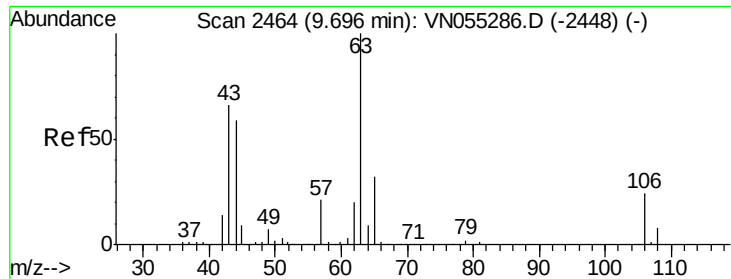
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

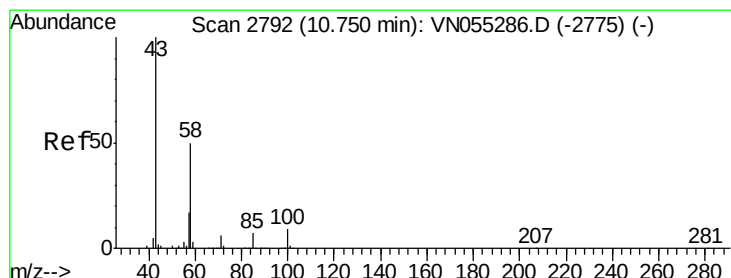
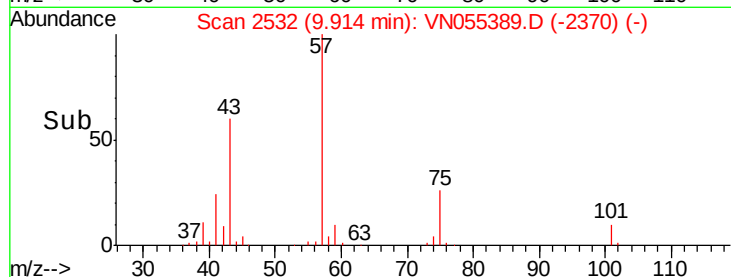
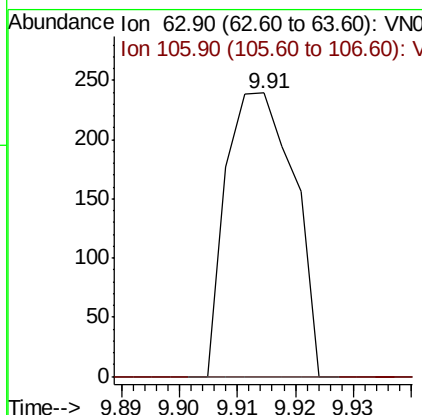
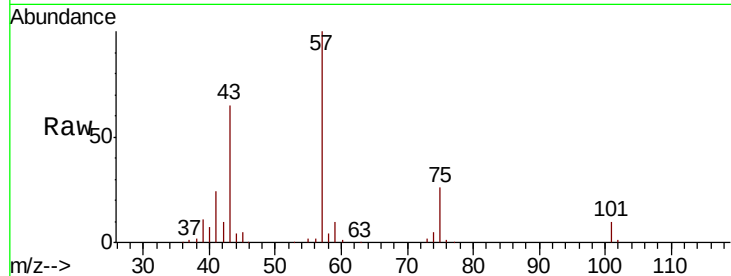




#58
2-Chloroethyl Vinyl ether
Concen: 12.510 ug/l
RT: 9.91 min Scan# 2532
Delta R.T. 0.22 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

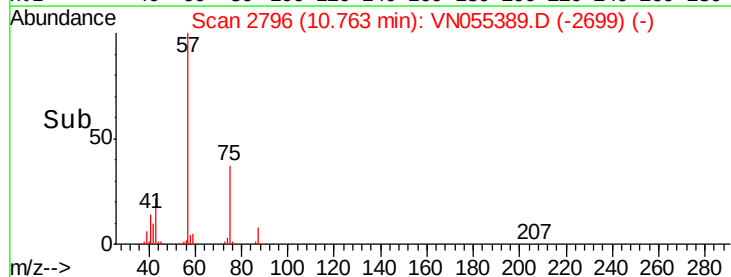
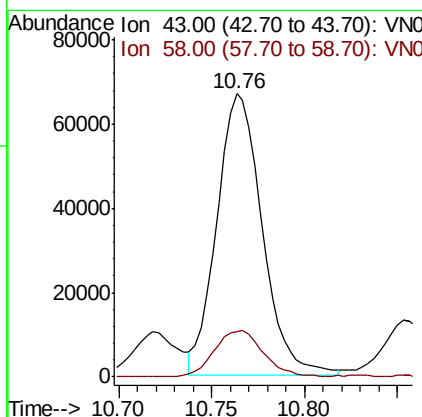
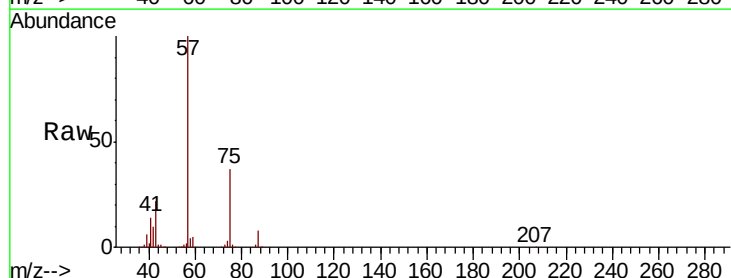
Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

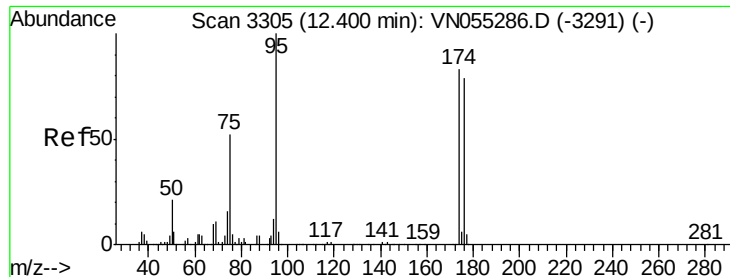
Tot Ion: 63 Resp: 194
Ion Ratio Lower Upper
63 100
106 0.0 19.0 28.4#



#59
2-Hexanone
Concen: 35.752 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 43 Resp: 113735
Ion Ratio Lower Upper
43 100
58 17.8 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 55.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

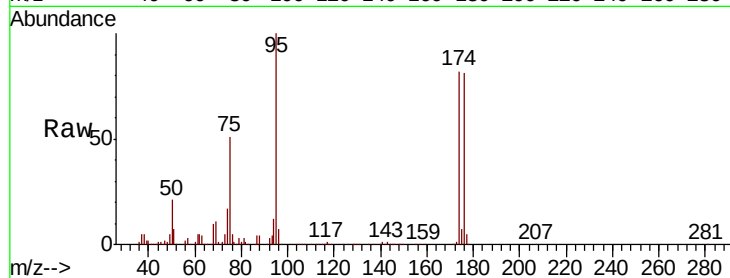
Tot Ion: 95 Resp: 313258

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.6

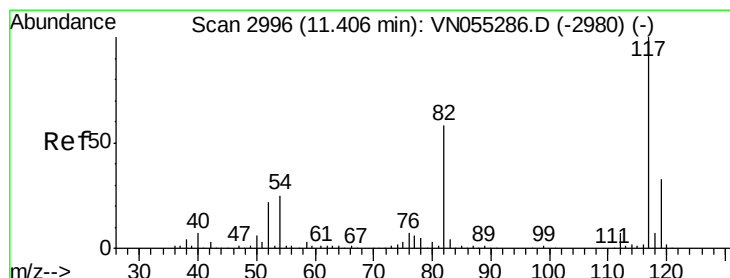
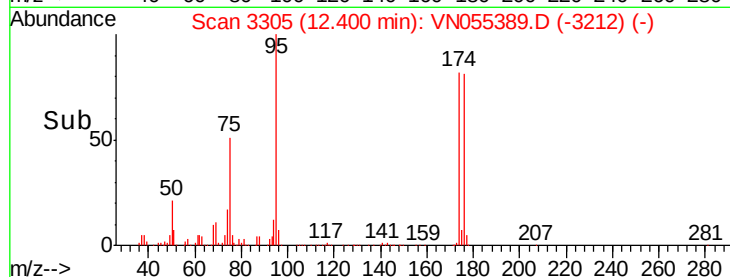
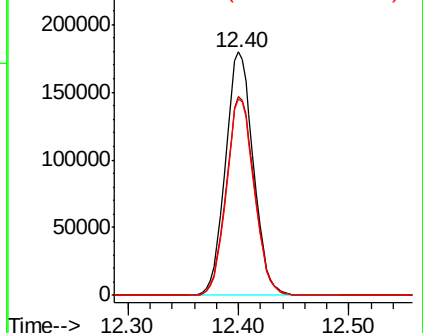
176 80.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055389.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055389.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055389.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

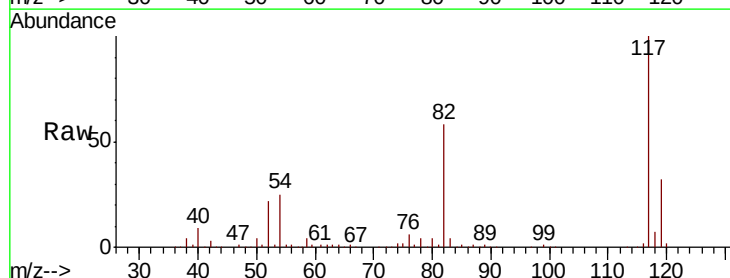
Tgt Ion: 117 Resp: 699602

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

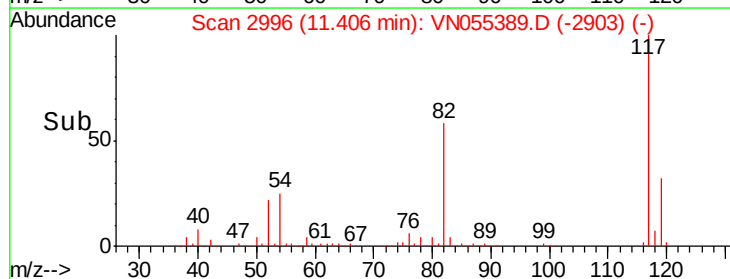
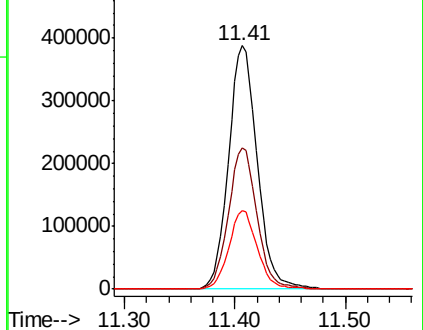
119 32.4 26.6 40.0

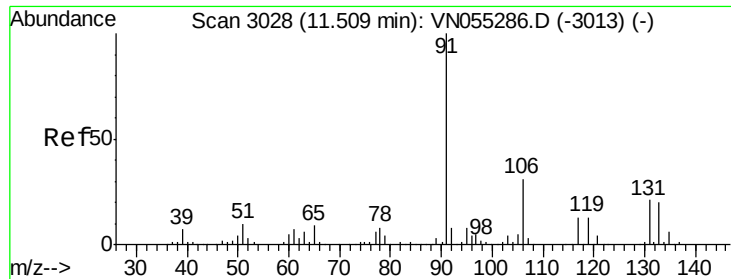


Abundance Ion 116.90 (116.60 to 117.60): VN055389.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055389.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055389.D (-2903) (-)

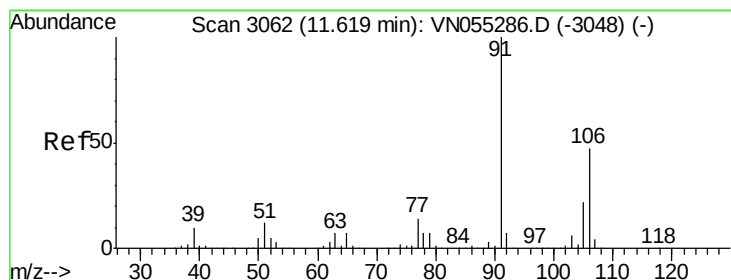
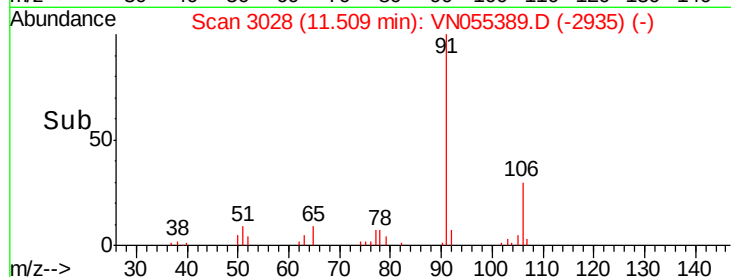
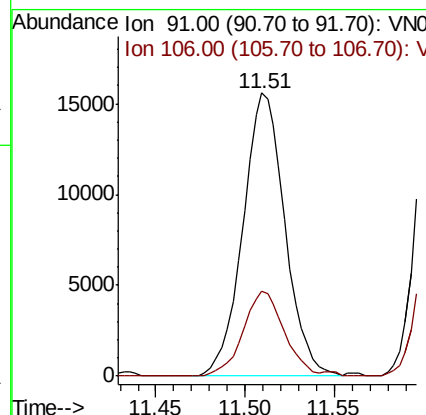
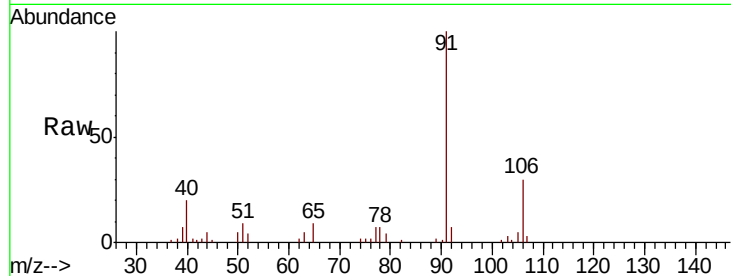




#67
Ethyl Benzene
Concen: 1.039 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

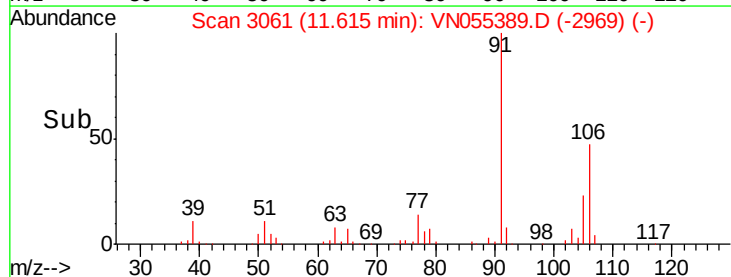
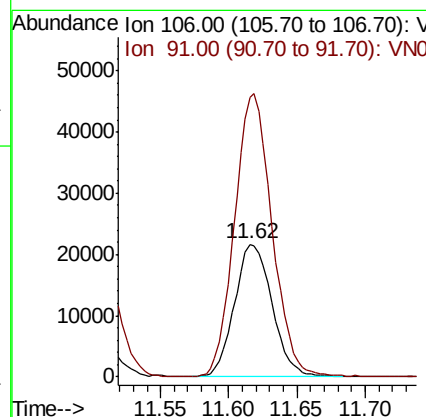
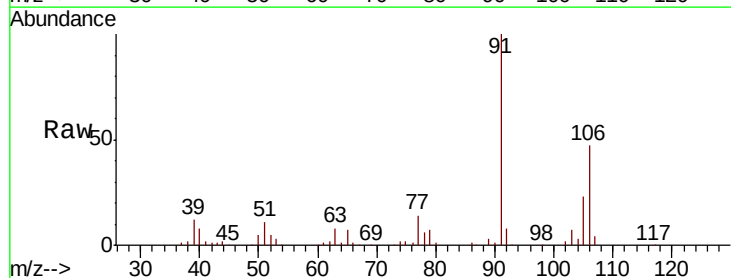
Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

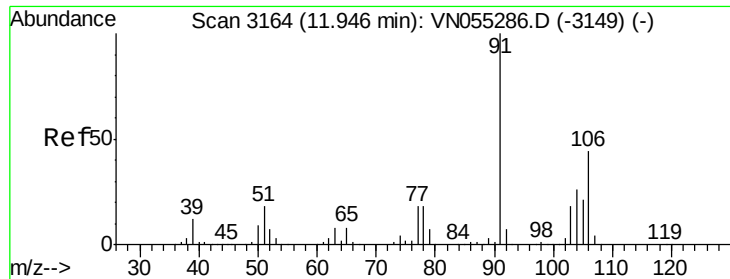
Tot Ion: 91 Resp: 25659
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 4.725 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion: 106 Resp: 41661
Ion Ratio Lower Upper
106 100
91 212.2 169.5 254.3

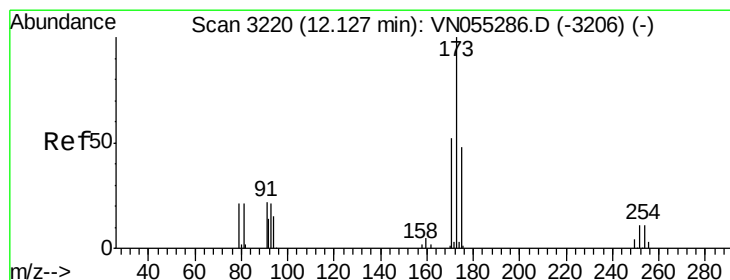
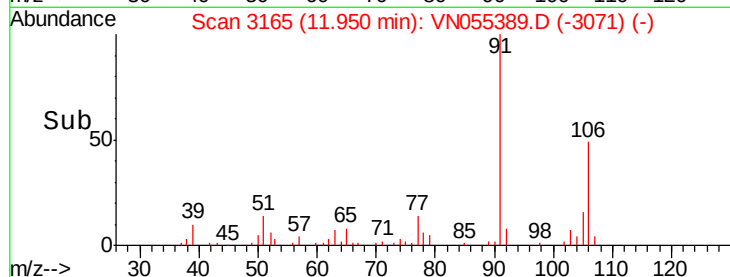
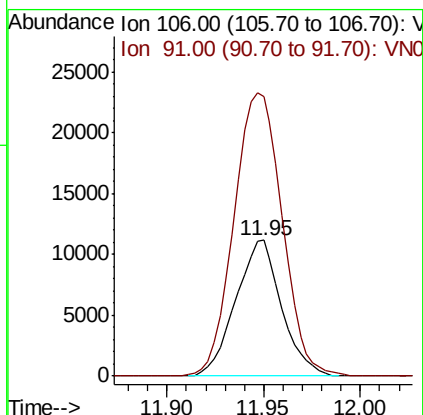
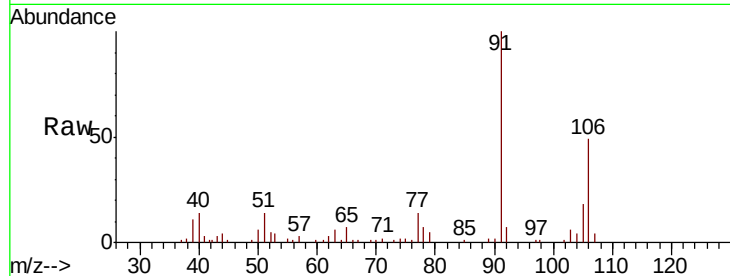




#69
o-Xylene
Concen: 2.113 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

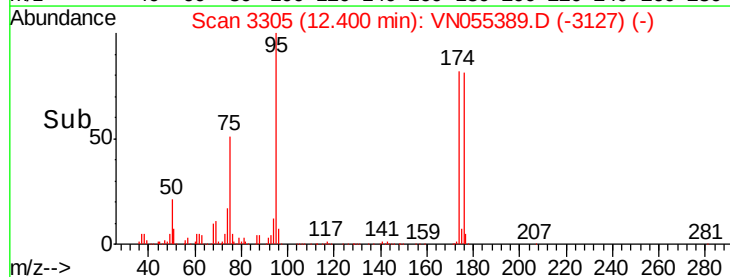
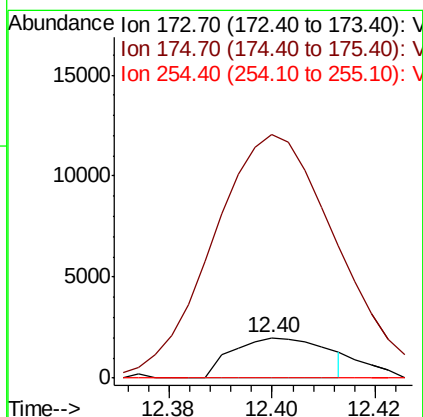
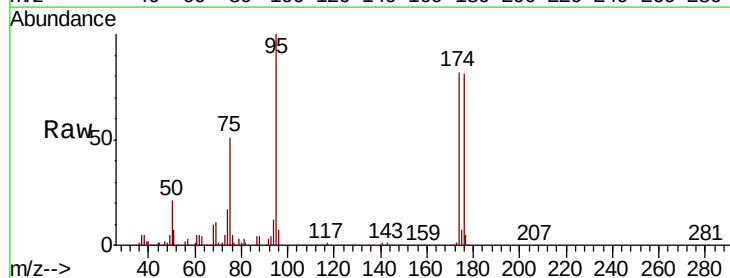
Instrument :
MSVOA_N
ClientSampled :
AU-05-050219-B

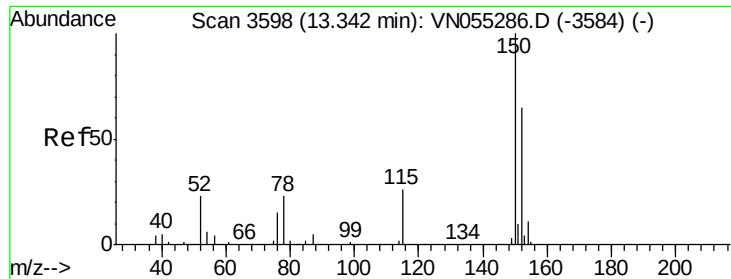
Tot Ion:106 Resp: 18468
Ion Ratio Lower Upper
106 100
91 219.0 111.5 334.5



#71
Bromoform
Concen: 0.842 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055389.D
Acq: 3 May 2019 14:57

Tgt Ion:173 Resp: 2503
Ion Ratio Lower Upper
173 100
175 709.7 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

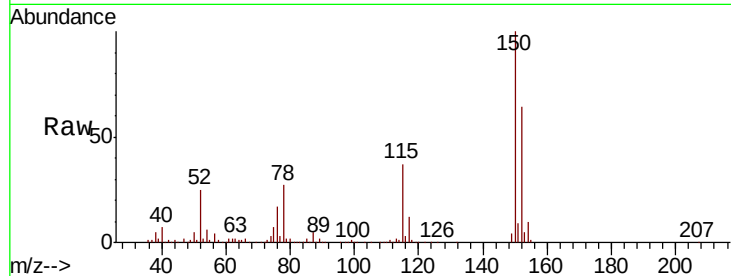
Tot Ion:152 Resp: 224668

Ion Ratio Lower Upper

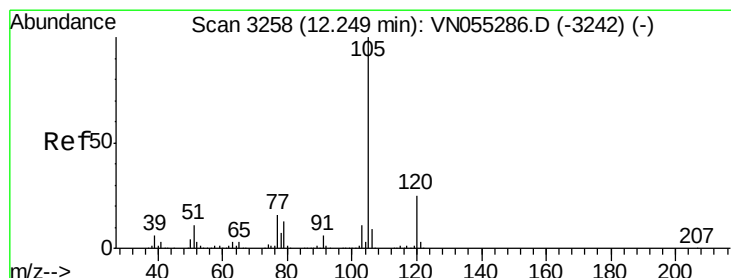
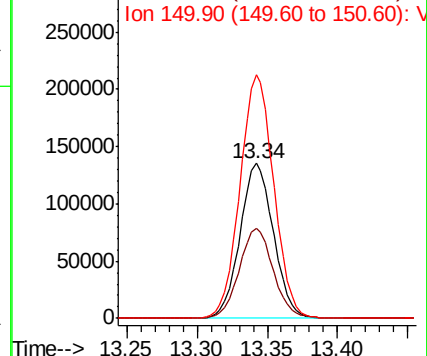
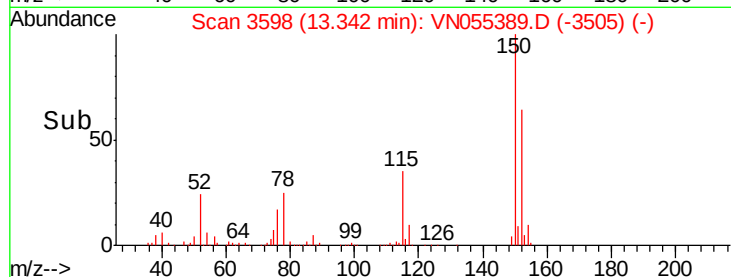
152 100

115 59.4 29.0 87.0

150 158.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN055389.D

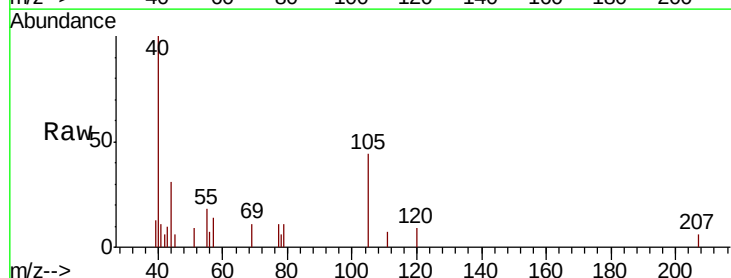
Acq: 3 May 2019 14:57

Tgt Ion:105 Resp: 2198

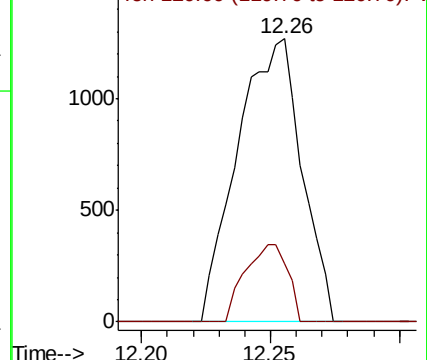
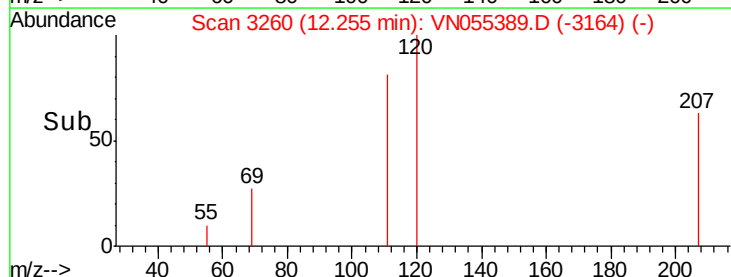
Ion Ratio Lower Upper

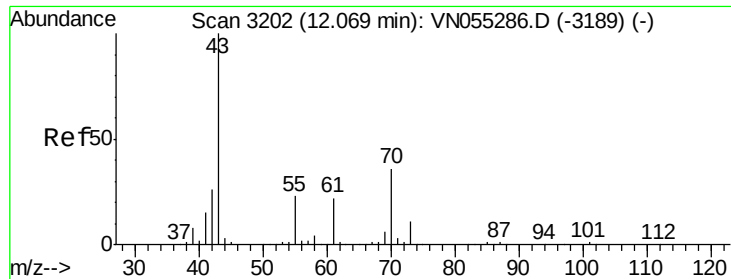
105 100

120 18.1 12.9 38.7



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





#74

N-amvl acetate

Concen: 0.630 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

Tot Ion: 43 Resp: 3635

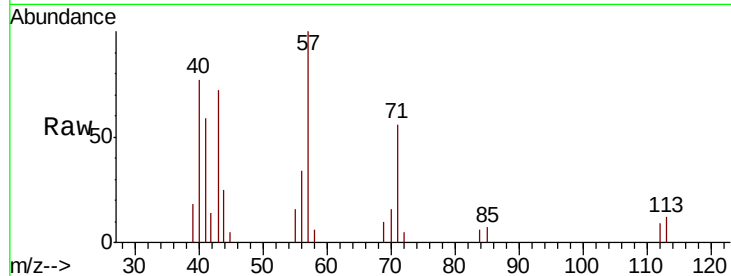
Ion Ratio Lower Upper

43 100

70 23.0 27.9 41.9#

55 11.0 18.2 27.2#

61 0.0 16.9 25.3#

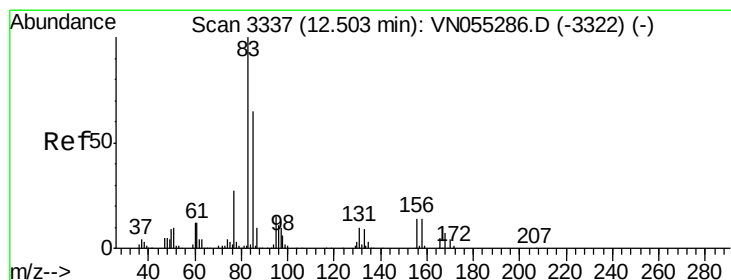
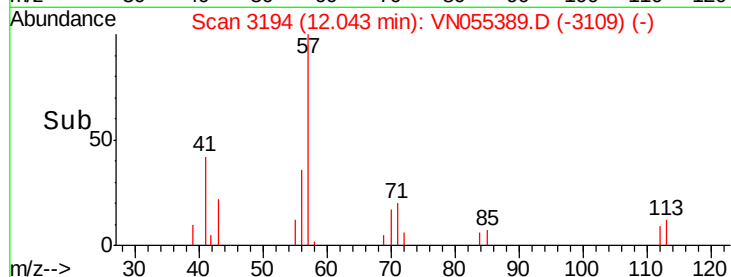
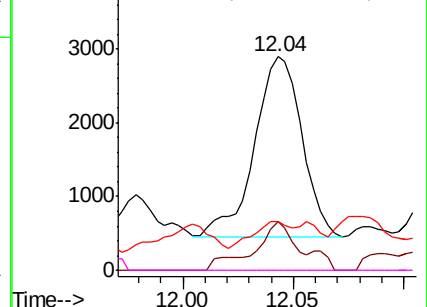


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-3189) (-)

Ion 70.00 (69.70 to 70.70): VN055286.D (-3189) (-)

Ion 55.00 (54.70 to 55.70): VN055286.D (-3189) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-3189) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

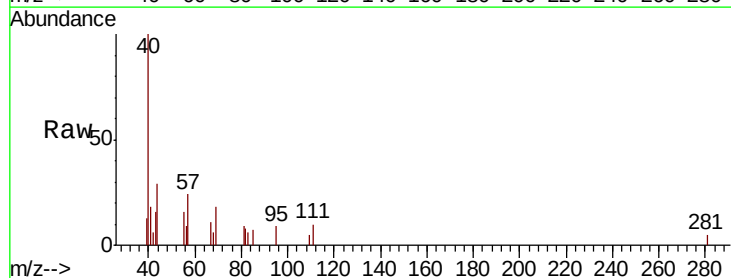
Tgt Ion: 83 Resp: 96

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

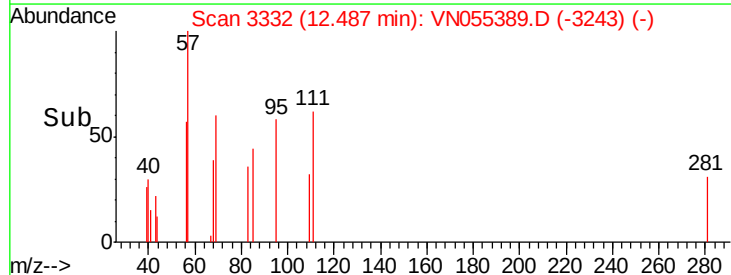
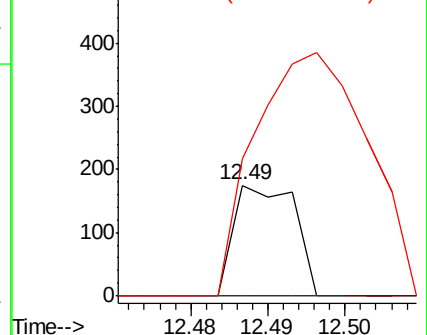
85 405.2 32.3 96.8#

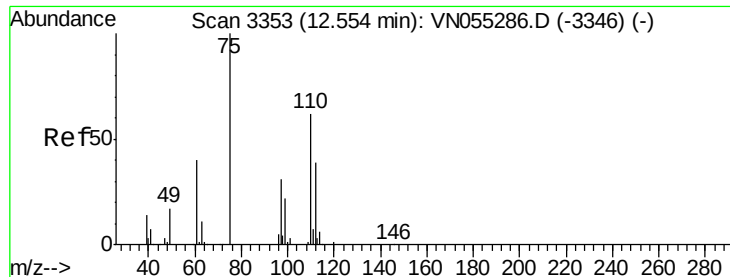


Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)





#76

1,2,3-Trichloropropane

Concen: 37.634 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

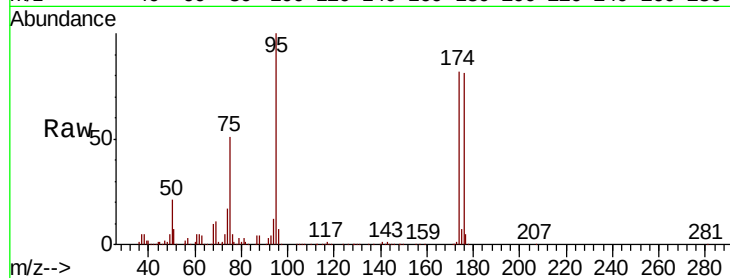
AU-05-050219-B

Tot Ion: 75 Resp: 159762

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

80000

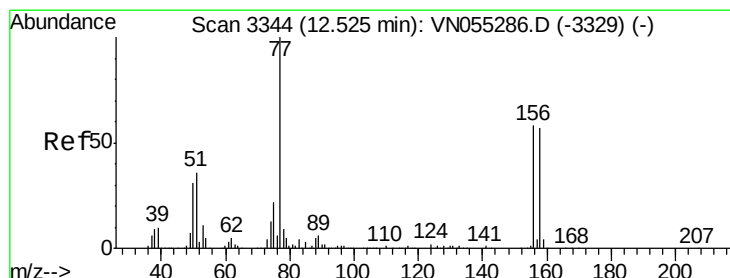
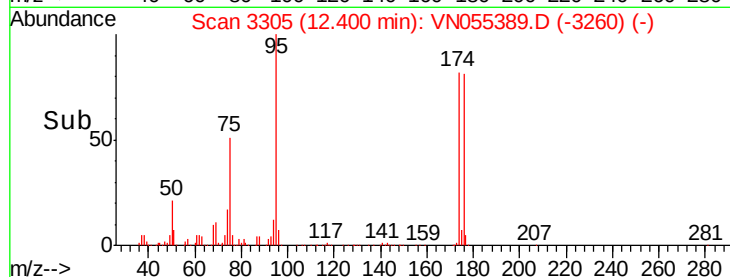
60000

40000

20000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

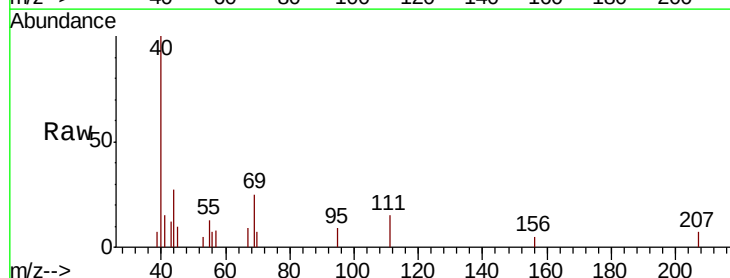
Tgt Ion: 156 Resp: 30

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

250

200

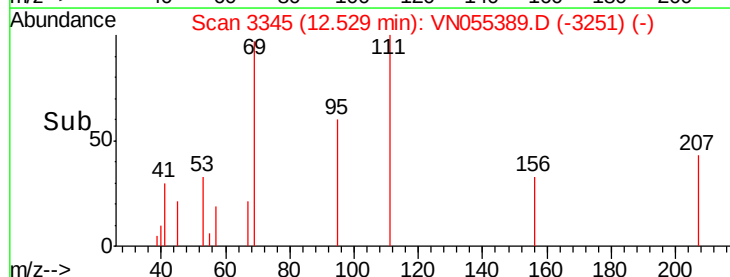
150

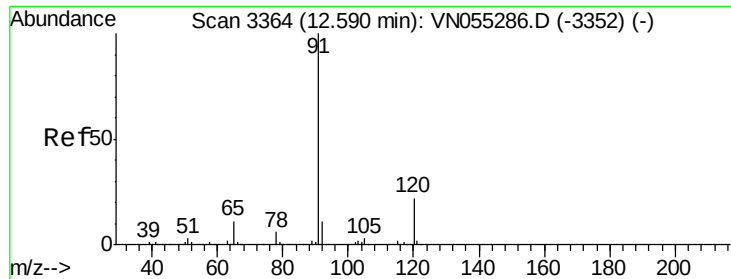
100

50

0

Time-->





#78

n-propylbenzene

Concen: 0.405 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

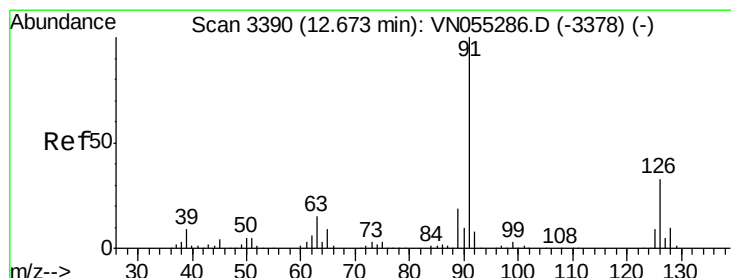
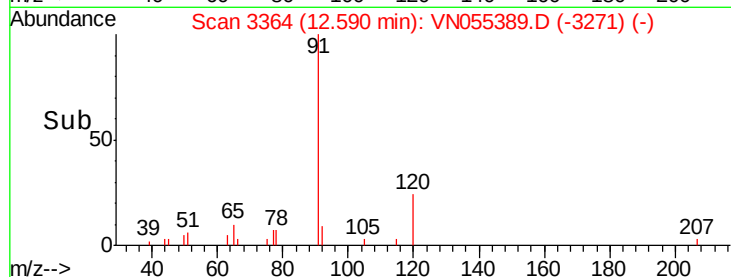
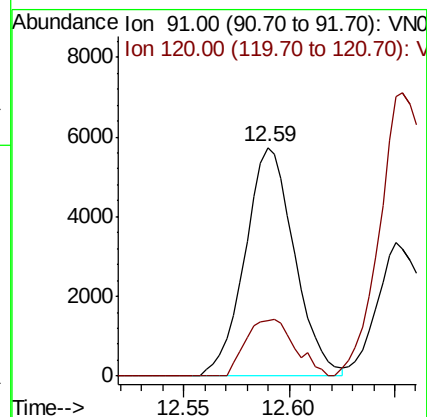
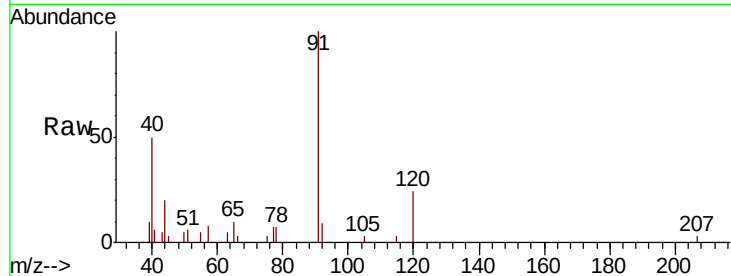
AU-05-050219-B

Tot Ion: 91 Resp: 9344

Ion Ratio Lower Upper

91 100

120 24.5 11.0 33.0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN055389.D

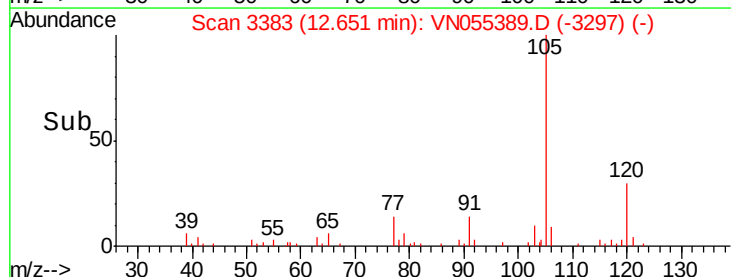
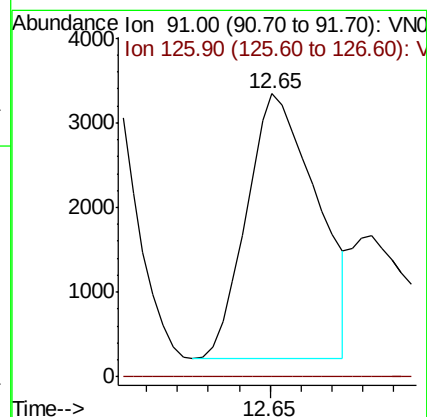
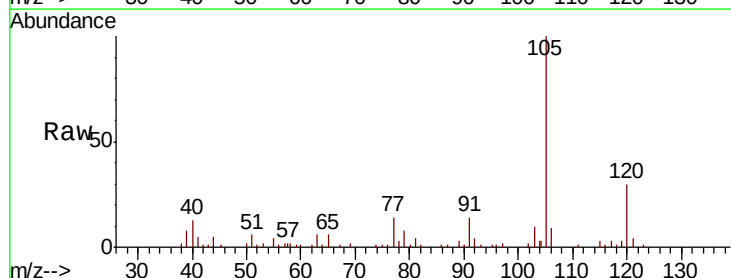
Acq: 3 May 2019 14:57

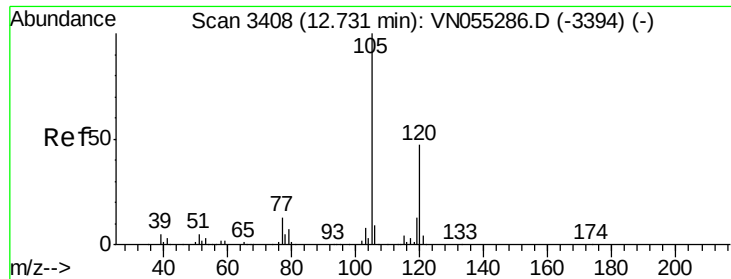
Tgt Ion: 91 Resp: 4924

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 1.780 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

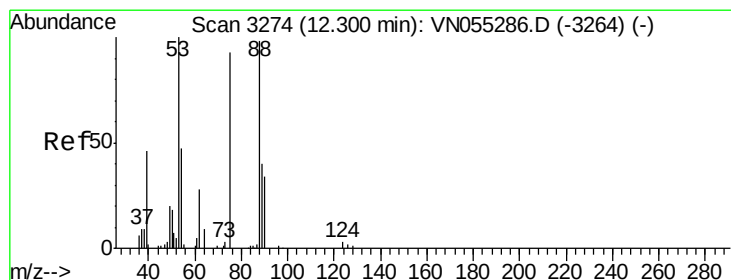
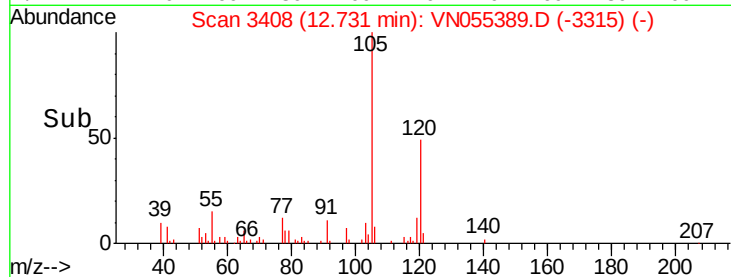
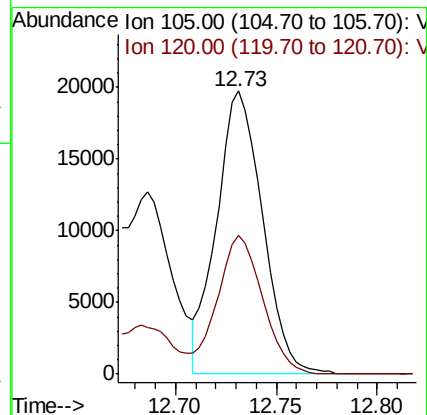
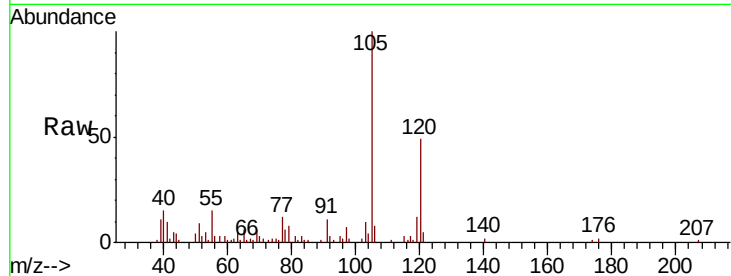
AU-05-050219-B

Tot Ion:105 Resp: 31343

Ion Ratio Lower Upper

105 100

120 48.9 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 134.759 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

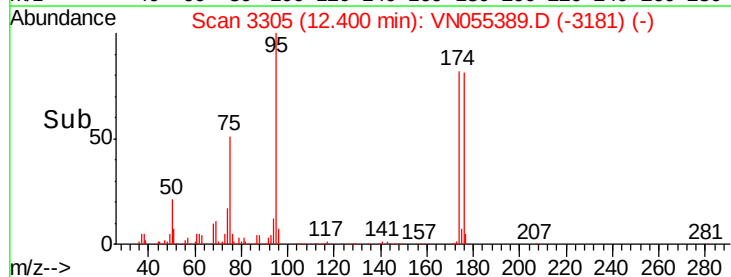
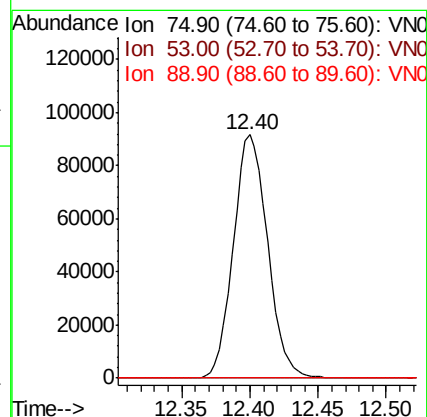
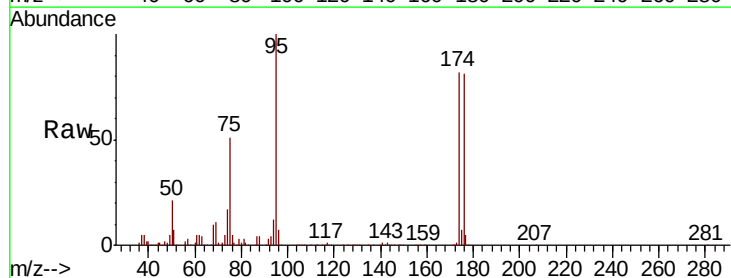
Tgt Ion: 75 Resp: 159762

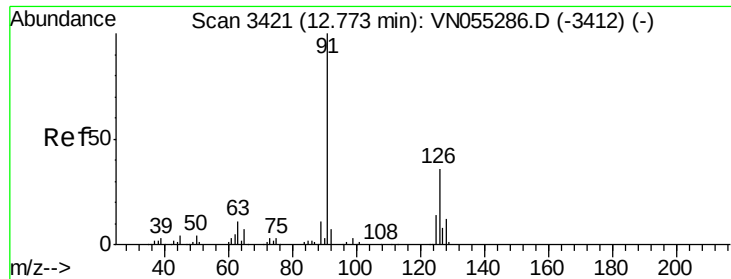
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#





#82

4-Chlorotoluene

Concen: 0.242 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.04 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

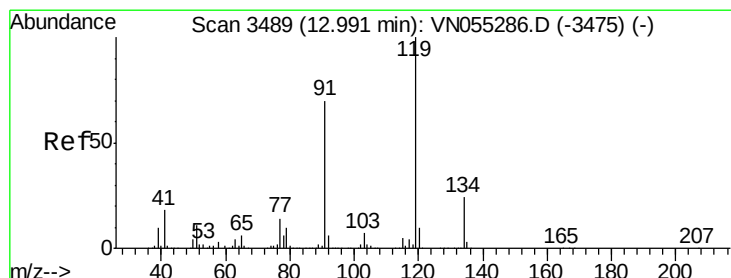
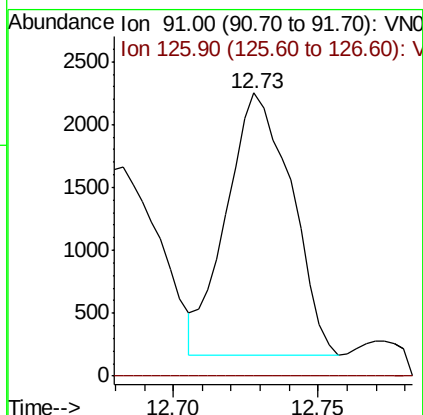
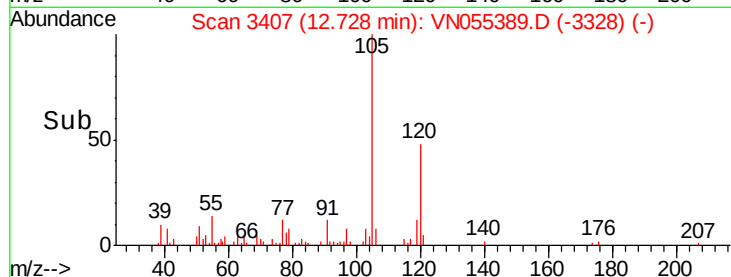
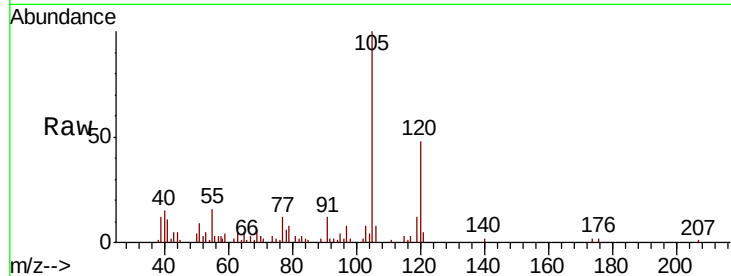
AU-05-050219-B

Tot Ion: 91 Resp: 3244

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

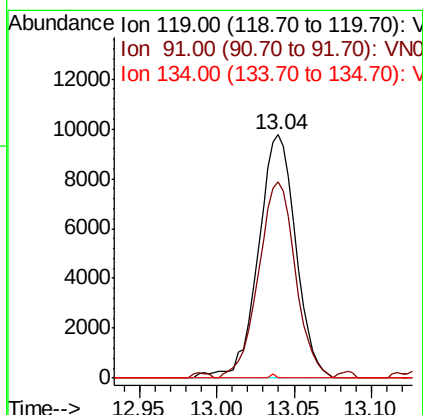
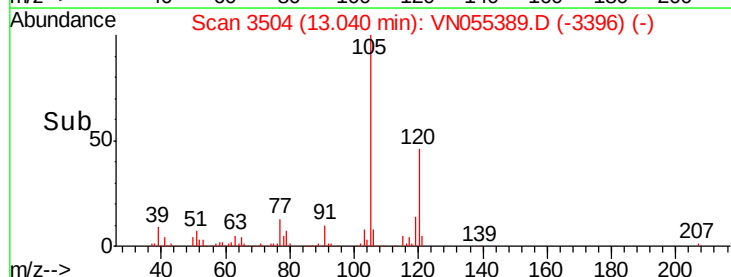
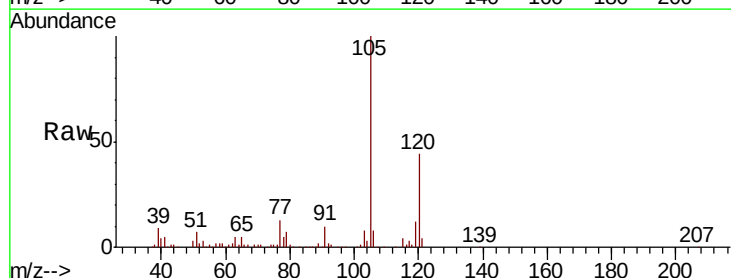
Tgt Ion: 119 Resp: 16369

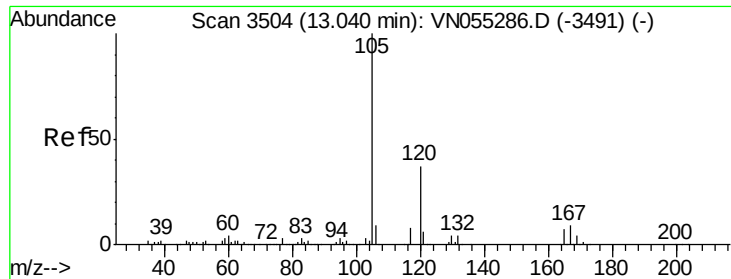
Ion Ratio Lower Upper

119 100

91 79.6 34.3 102.9

134 0.2 13.1 39.3#

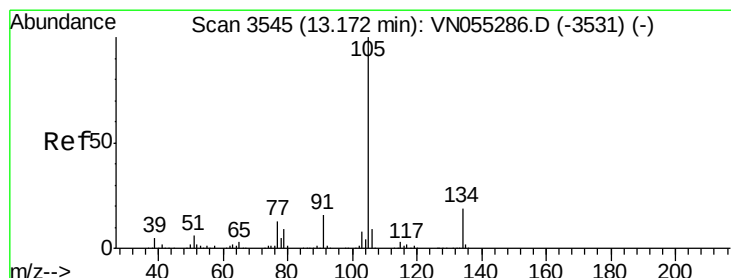
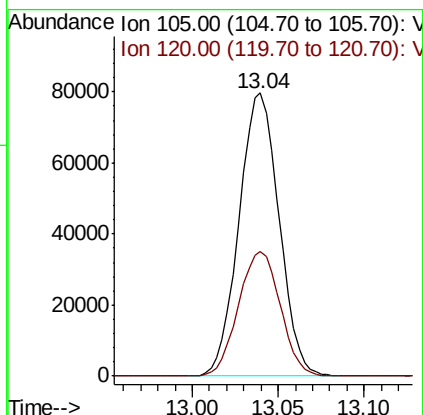
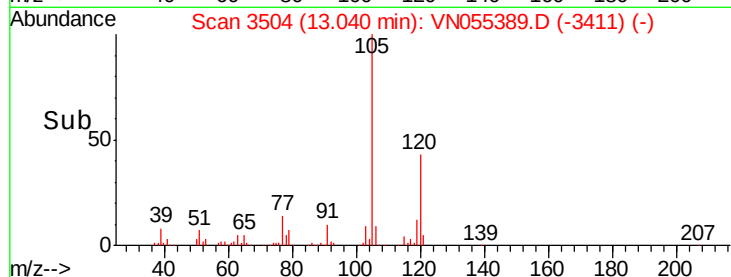
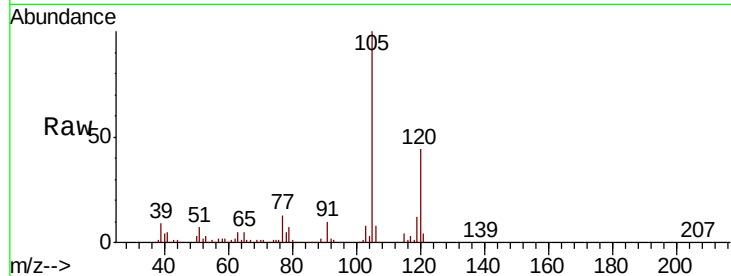




#84
 1,2,4-Trimethylbenzene
 Concen: 8.190 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

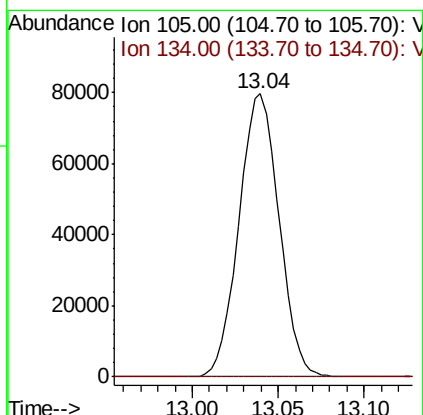
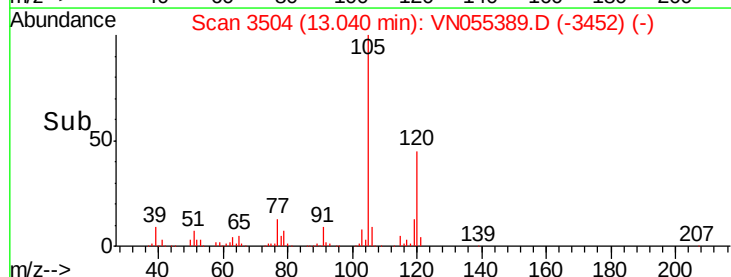
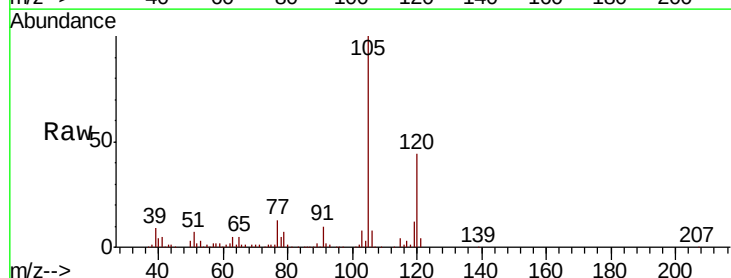
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-B

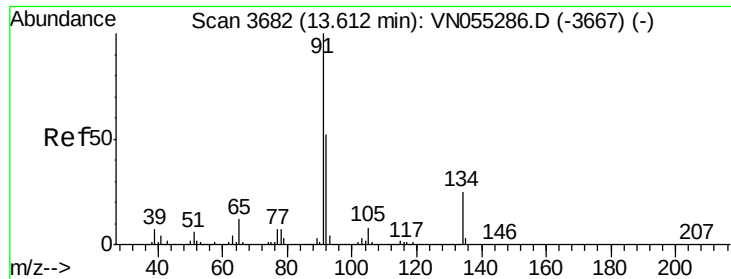
Tot Ion:105 Resp: 129011
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 6.739 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN055389.D
 Acq: 3 May 2019 14:57

Tgt Ion:105 Resp: 129011
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.8#





#89

n-Butylbenzene

Concen: 0.222 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

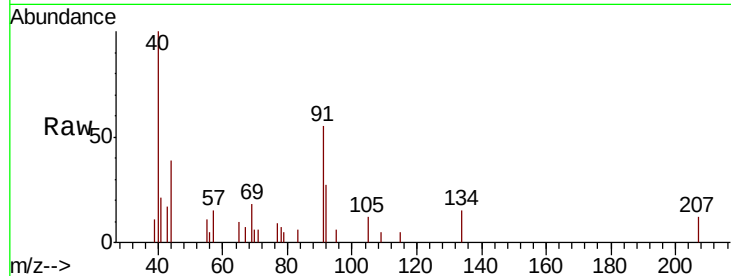
Tot Ion: 91 Resp: 2480

Ion Ratio Lower Upper

91 100

92 59.1 26.1 78.3

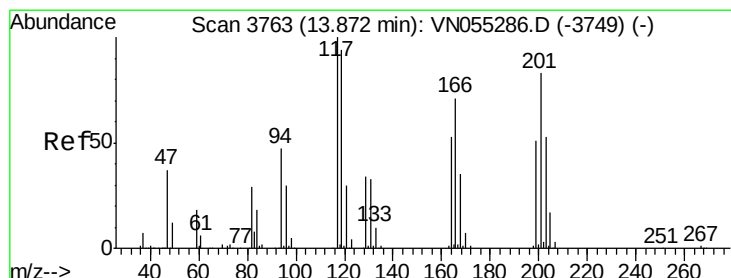
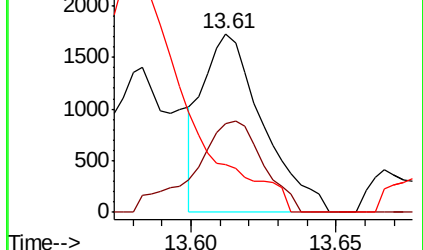
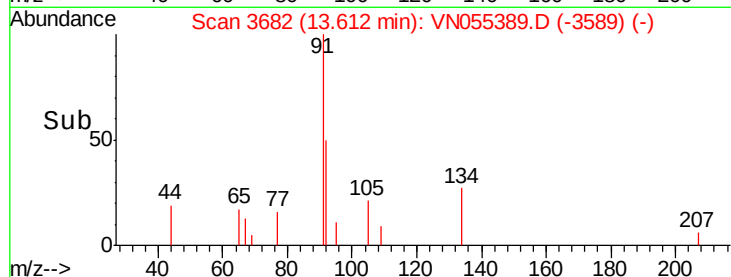
134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN055389.D

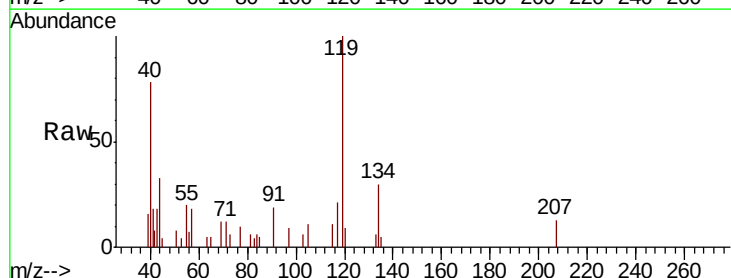
Acq: 3 May 2019 14:57

Tgt Ion: 117 Resp: 1170

Ion Ratio Lower Upper

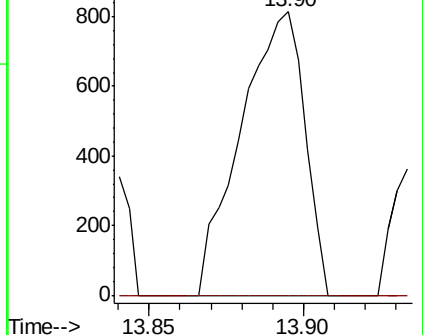
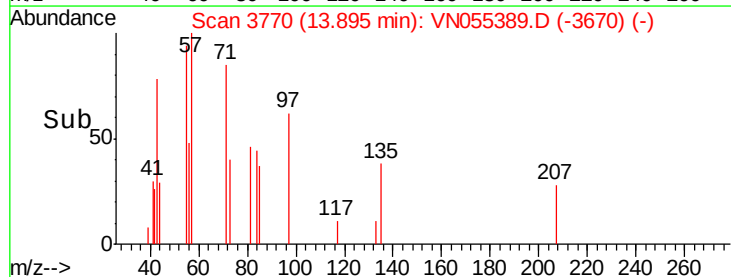
117 100

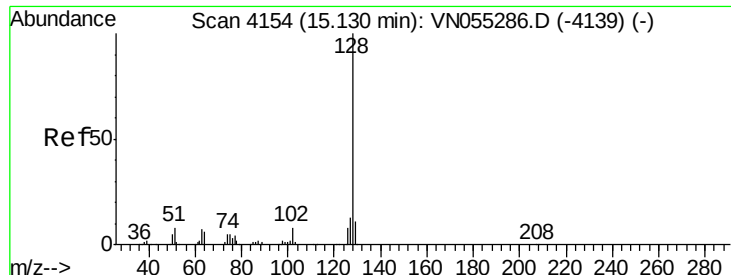
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)





#95

Naphthalene

Concen: 4.956 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055389.D

Acq: 3 May 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-B

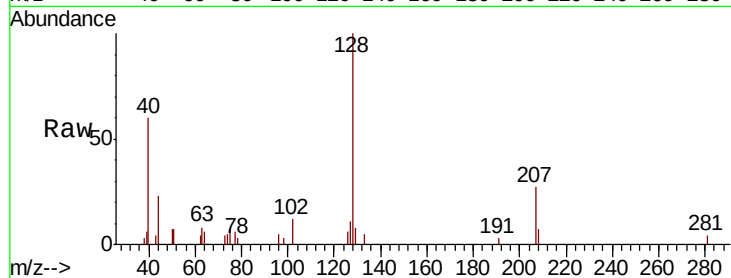
Tot Ion:128 Resp: 10890

Ion Ratio Lower Upper

128 100

127 6.2 10.7 16.1#

129 4.1 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

