

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056007.D
 Acq On : 5 Jun 2019 14:06
 Operator : JC/SP
 Sample : K3163-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

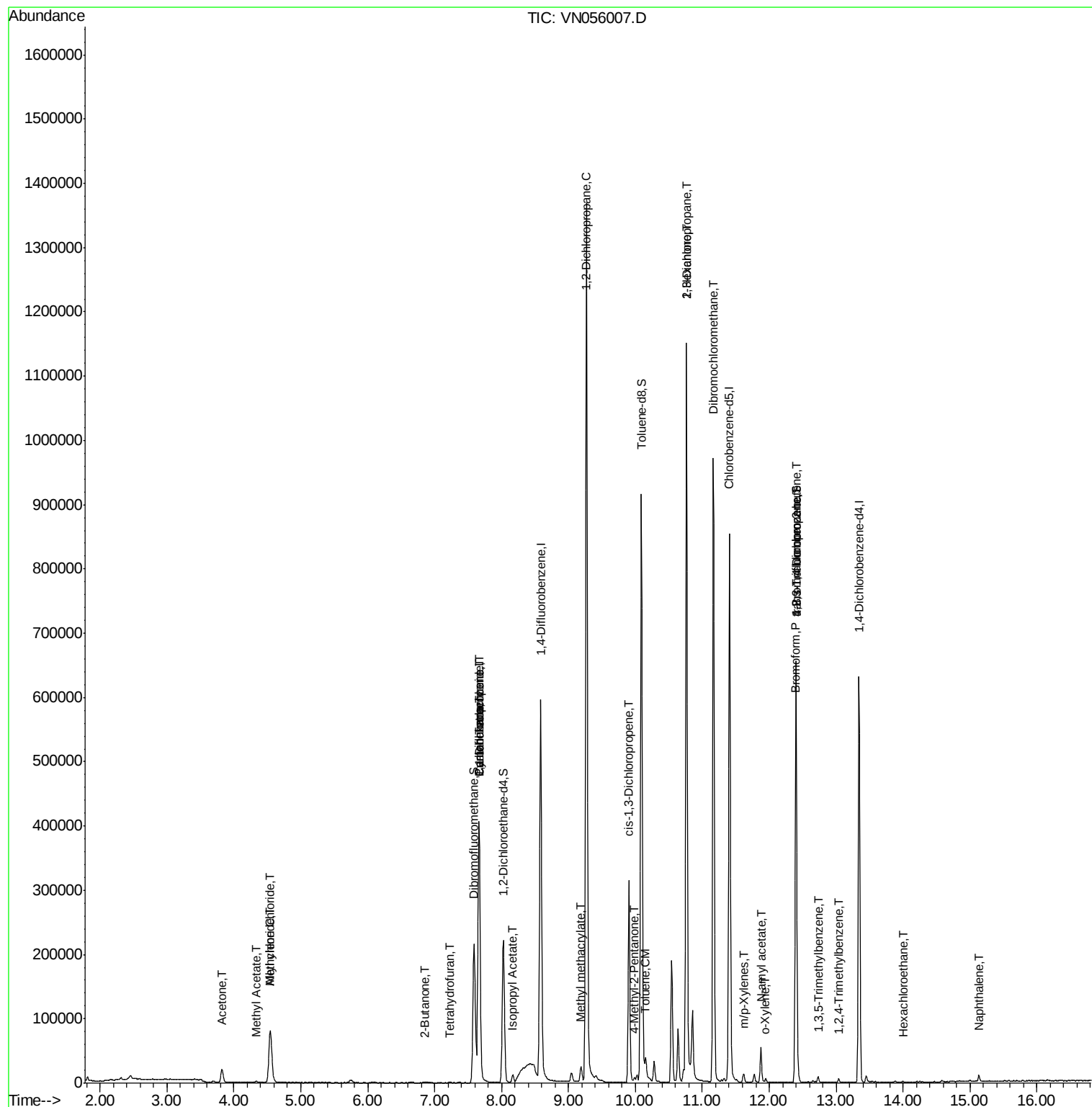
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184987	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.59	113	168109	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	10.09	98	705067	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	232151	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
Target Compounds						
					Qvalue	
14) Allyl chloride	4.54	41	2621	0.504	ug/l #	26
16) Acetone	3.82	43	34488	18.525	ug/l	98
18) Methyl Acetate	4.34	43	4410	0.635	ug/l #	77
20) Methylene Chloride	4.54	84	69526	18.127	ug/l	96
25) 2-Butanone	6.85	43	1993	0.847	ug/l #	47
29) Tetrahydrofuran	7.23	42	1018	0.700	ug/l #	53
31) Cyclohexane	7.66	56	5793	0.938	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22167	4.391	ug/l #	48
38) Carbon Tetrachloride	7.66	117	31662	6.802	ug/l #	14
43) Isopropyl Acetate	8.17	43	14615	2.008	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1579	0.402	ug/l #	44
48) Methyl methacrylate	9.18	41	8731	2.452	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3948	0.867	ug/l	96
52) Toluene	10.16	92	14532	1.523	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	62572	11.183	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	12139	1.976	ug/l #	42
59) 2-Hexanone	10.76	43	147979	44.852	ug/l #	53
60) Dibromochloromethane	11.16	129	62	2.466	ug/l #	11
68) m/p-Xylenes	11.62	106	4873	0.659	ug/l	96
69) o-Xylene	11.94	106	1587	0.218	ug/l	83
71) Bromoform	12.38	173	55	2.758	ug/l #	29
73) Isopropylbenzene	12.25	105	275	Below Cal	#	48
74) N-ethyl acetate	11.88	43	17027	3.314	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	105533	29.760	ug/l #	100
79) 2-Chlorotoluene	12.66	91	272	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4966	0.383	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	105533	99.107	ug/l #	15
83) tert-Butylbenzene	13.03	119	561	Below Cal	#	83
84) 1,2,4-Trimethylbenzene	13.04	105	4027	0.328	ug/l	99
90) Hexachloroethane	14.00	117	466	0.239	ug/l #	1
95) Naphthalene	15.13	128	9800	4.833	ug/l	98

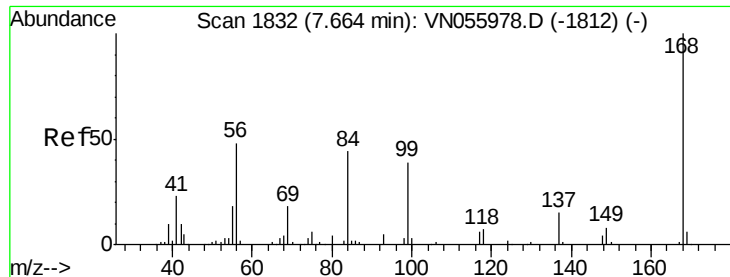
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

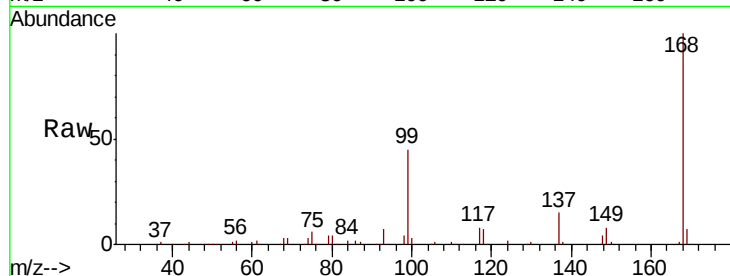
ClientSampleId :

Tot Ion:168 Resp: 392032

Ion Ratio Lower Upper

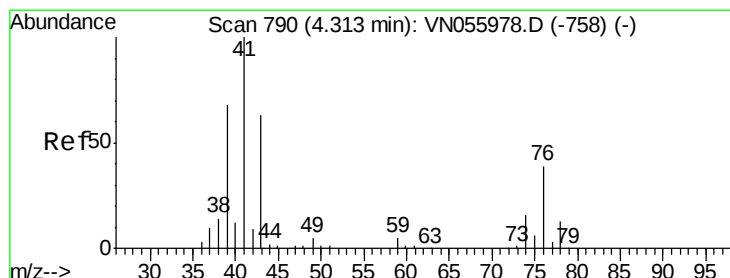
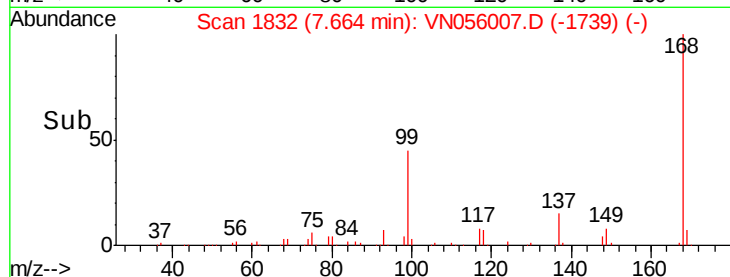
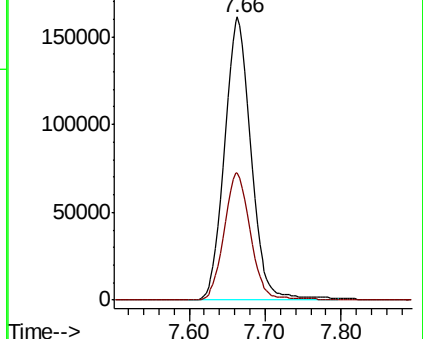
168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.504 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.23 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

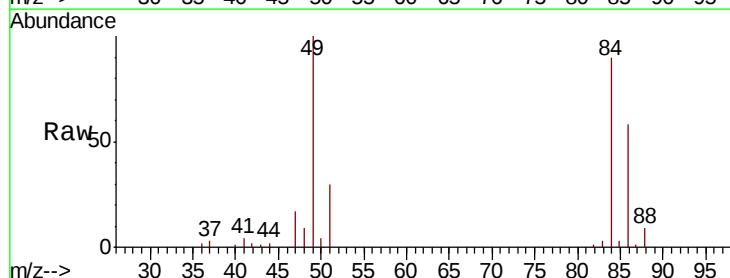
Tgt Ion: 41 Resp: 2621

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

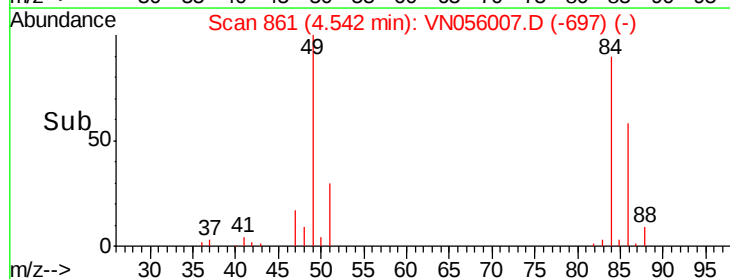
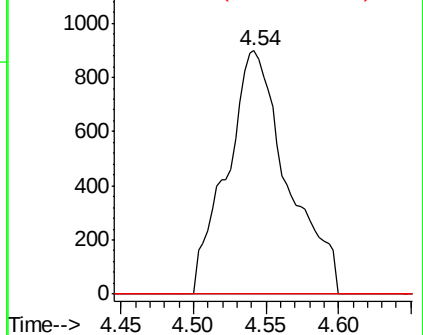
76 0.0 28.2 42.2#

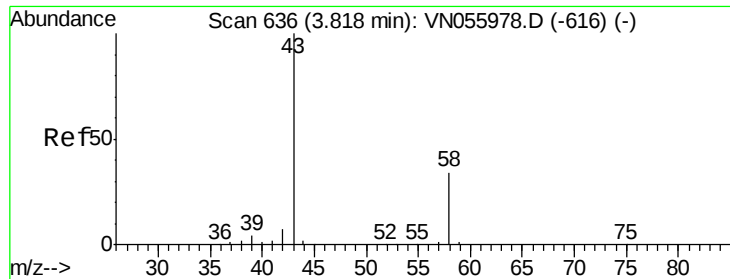


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 18.525 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

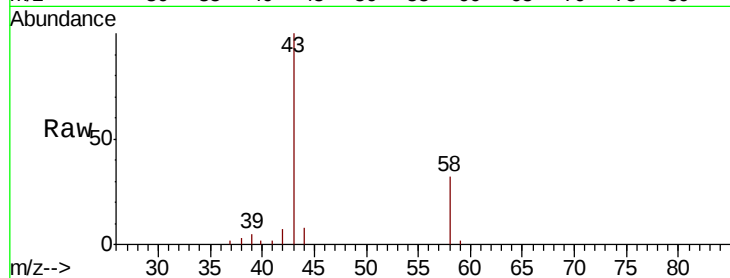
ClientSampled :

Tot Ion: 43 Resp: 34488

Ion Ratio Lower Upper

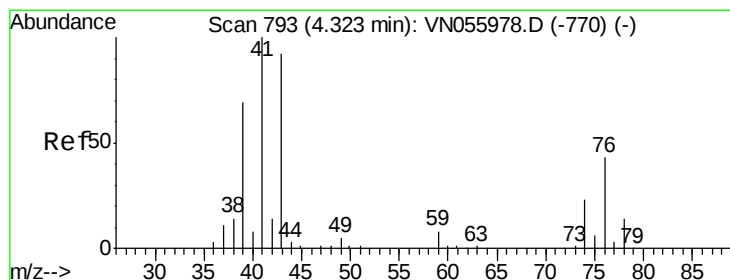
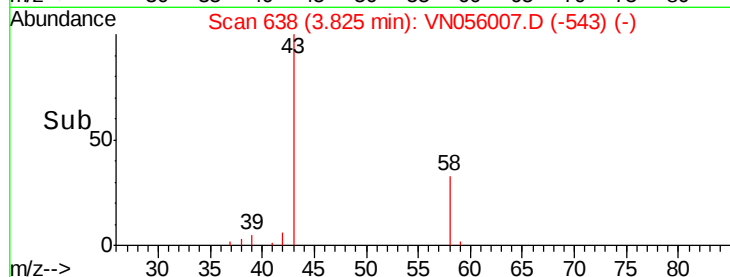
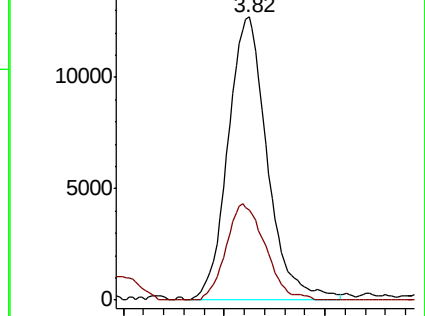
43 100

58 31.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.635 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056007.D

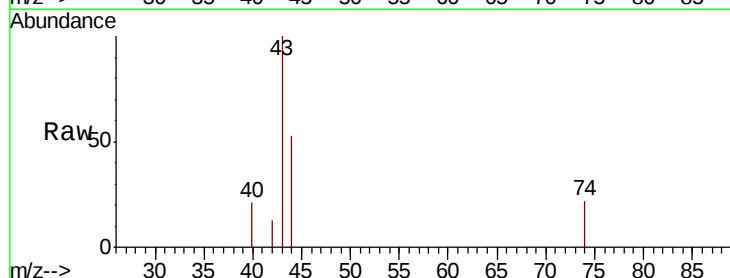
Acq: 5 Jun 2019 14:06

Tgt Ion: 43 Resp: 4410

Ion Ratio Lower Upper

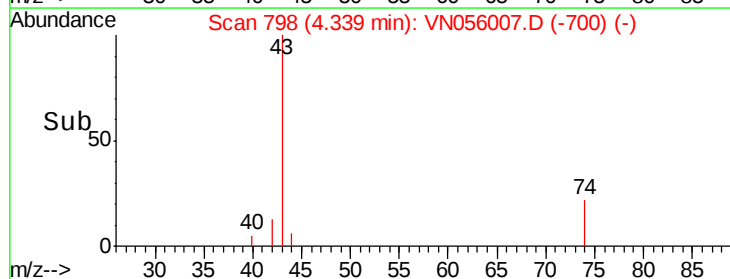
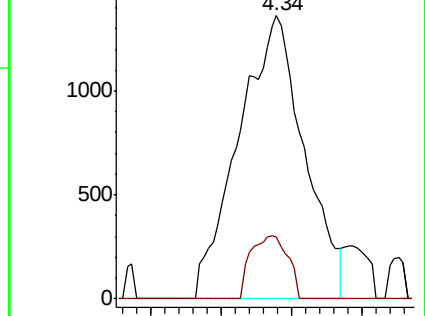
43 100

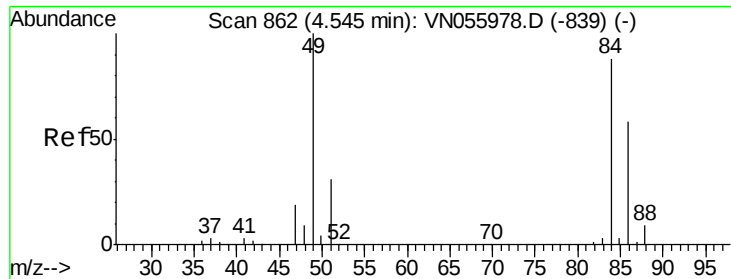
74 12.7 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

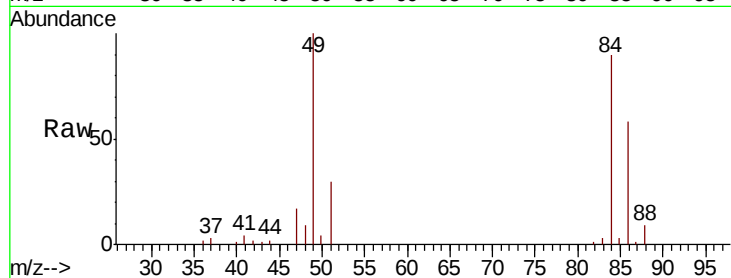




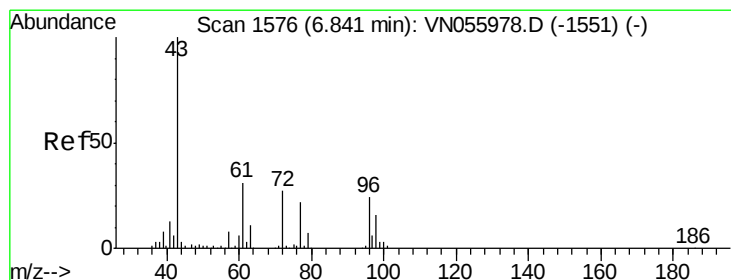
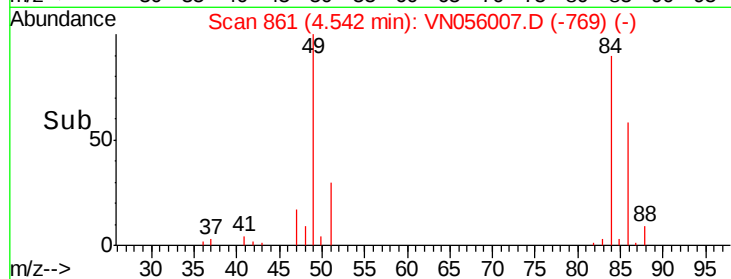
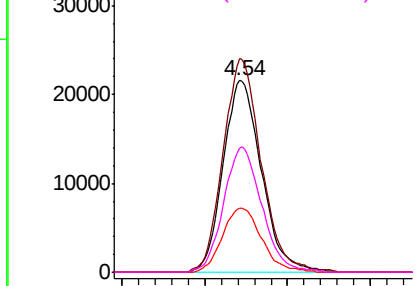
#20
Methvlene Chloride
Concen: 18.127 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 69526
Ion Ratio Lower Upper
84 100
49 111.4 93.5 140.3
51 33.4 28.6 43.0
86 64.5 52.6 79.0

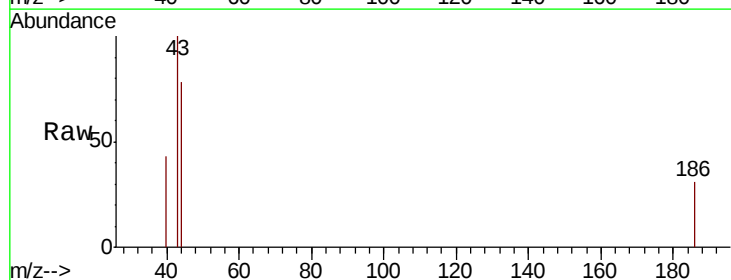


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

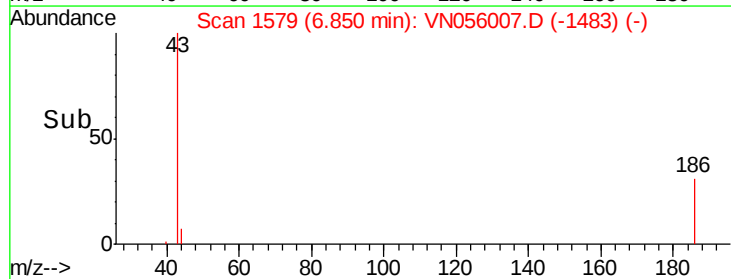
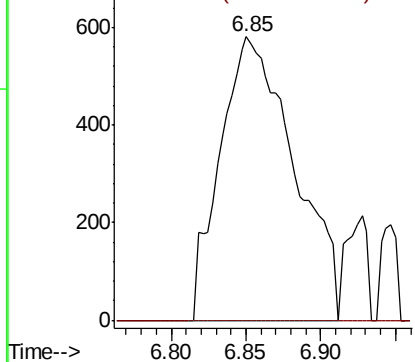


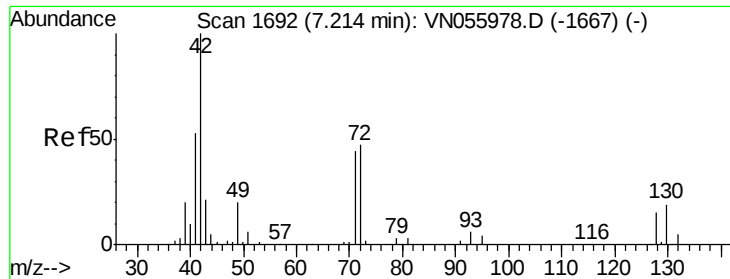
#25
2-Butanone
Concen: 0.847 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

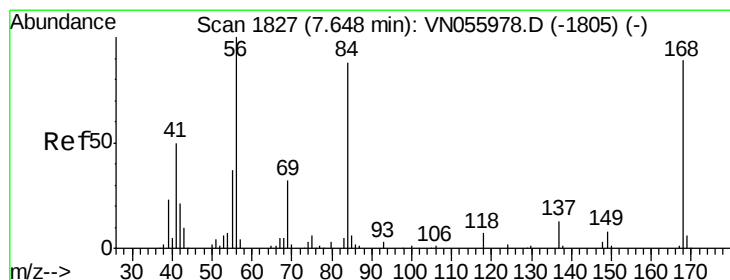
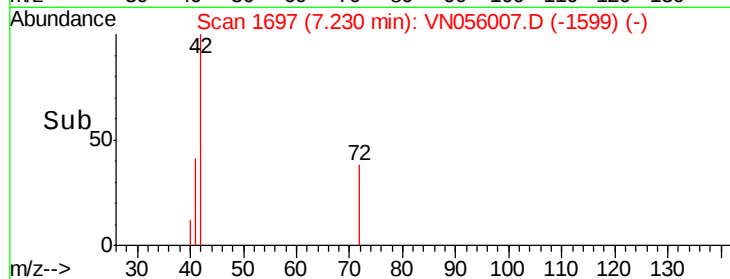
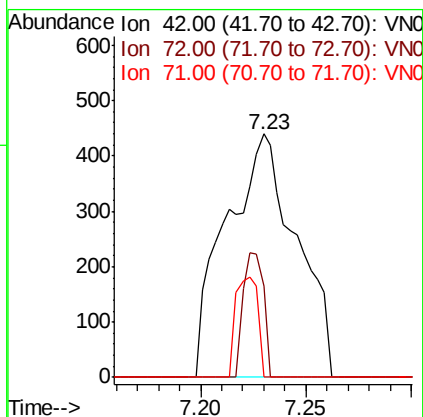
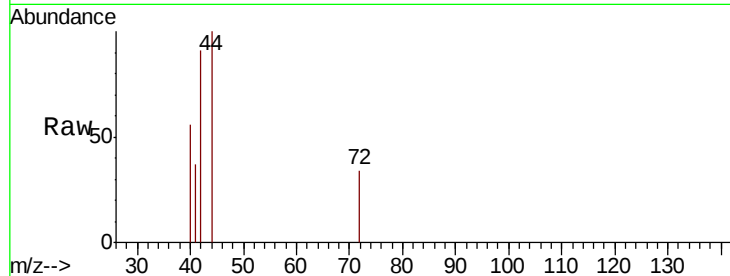




#29
Tetrahydrofuran
Concen: 0.700 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

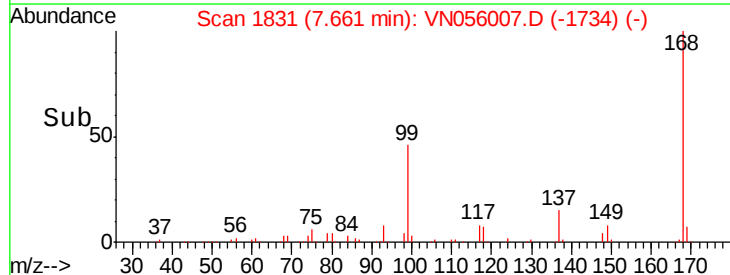
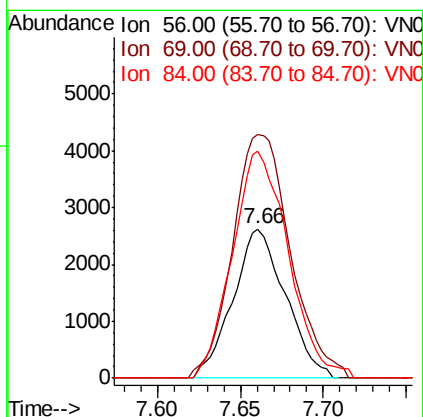
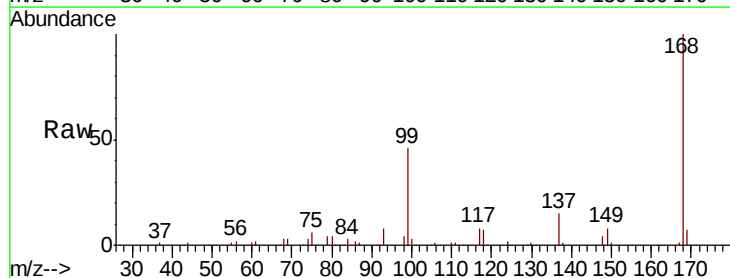
Instrument :
MSVOA_N
ClientSampled :

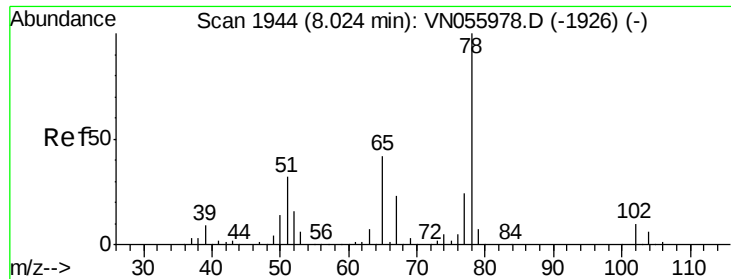
Tot Ion: 42 Resp: 1018
Ion Ratio Lower Upper
42 100
72 14.6 35.9 53.9#
71 12.8 34.0 51.0#



#31
Cyclohexane
Concen: 0.938 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion: 56 Resp: 5793
Ion Ratio Lower Upper
56 100
69 163.1 25.6 38.4#
84 152.3 67.4 101.0#

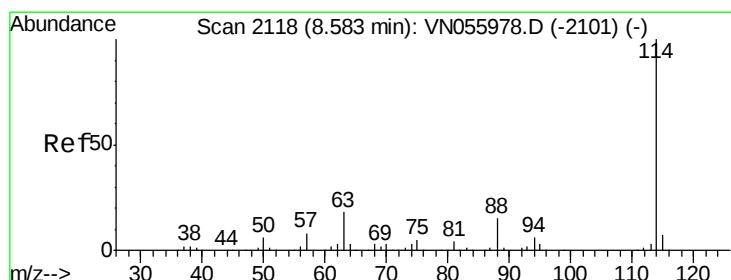
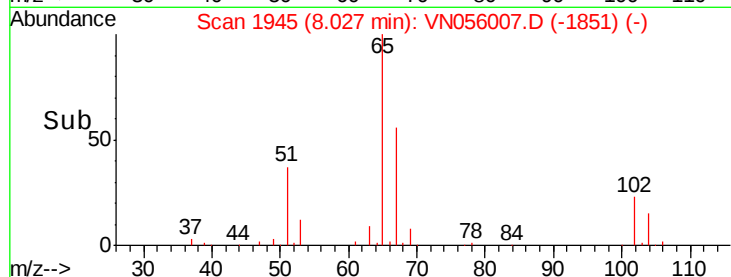
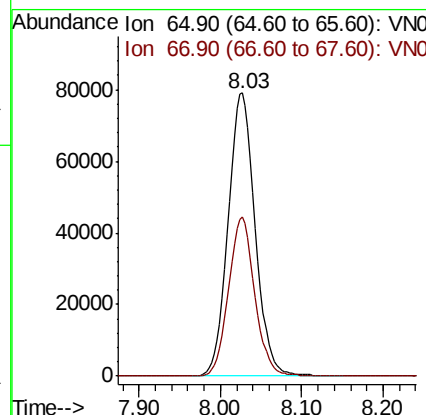
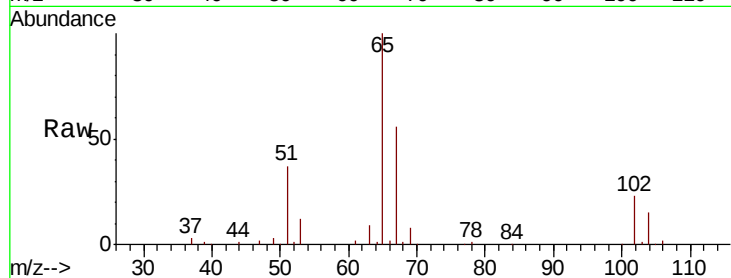




#33
 1,2-Dichloroethane-d4
 Concen: 47.523 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

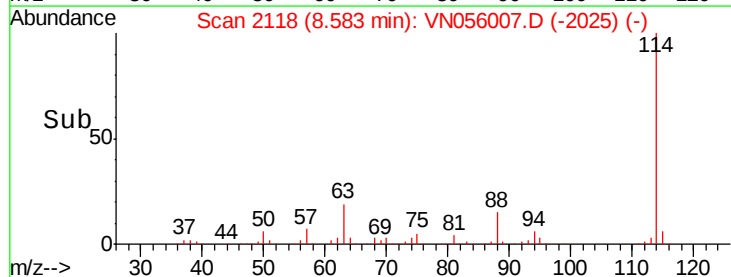
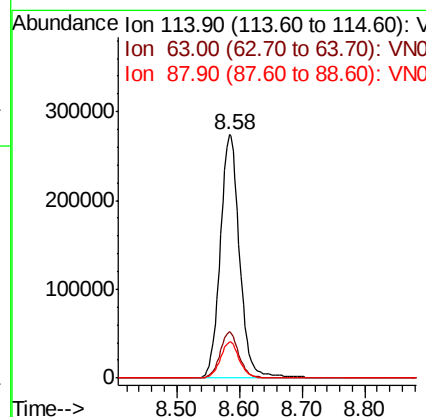
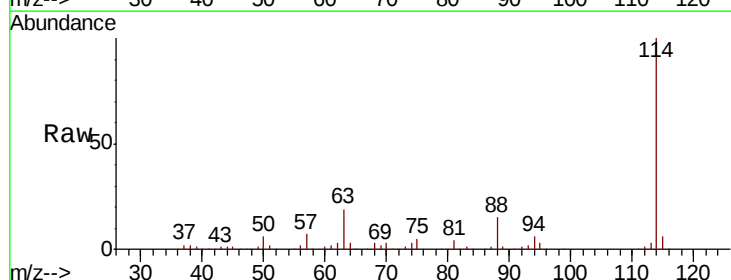
Instrument :
 MSVOA_N
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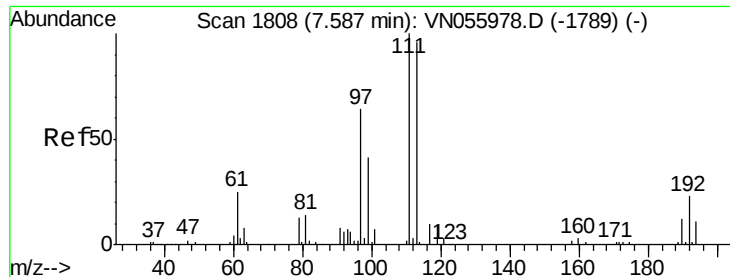
Tot Ion: 65 Resp: 184987
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion: 114 Resp: 587153
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 14.8 0.0 31.0

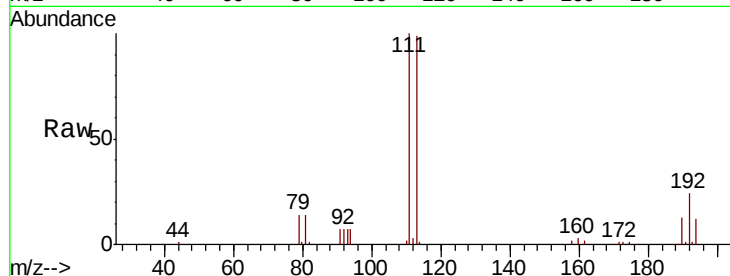




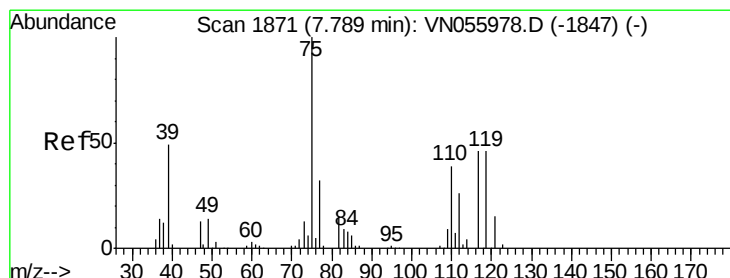
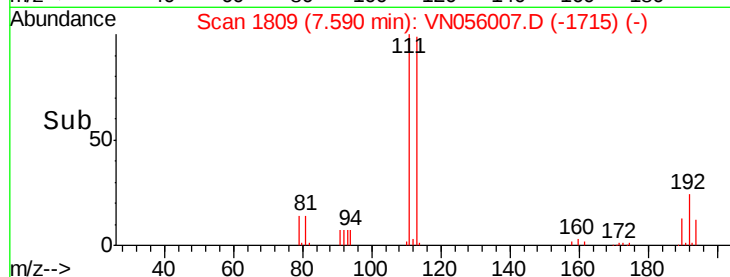
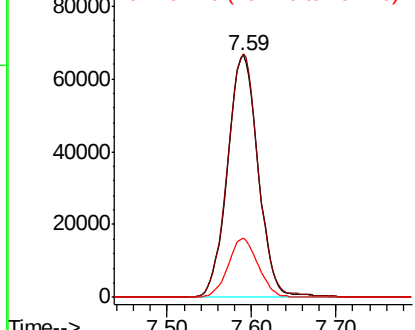
#35
 Dibromofluoromethane
 Concen: 46.666 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	24.0	19.5	29.3

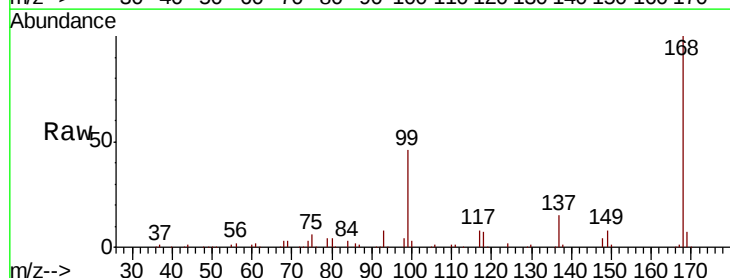


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

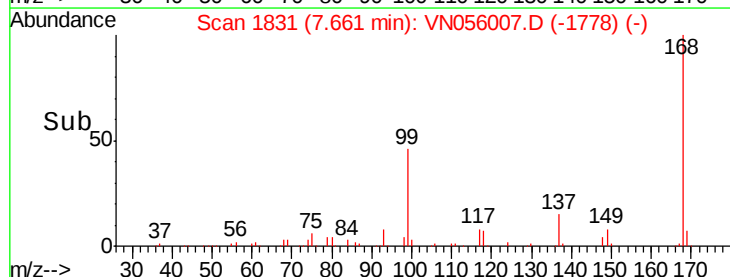
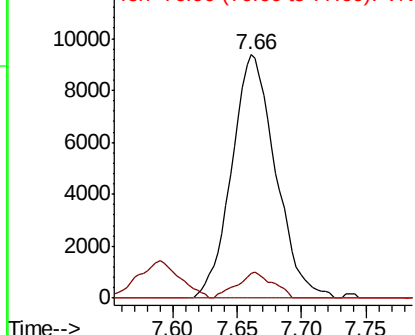


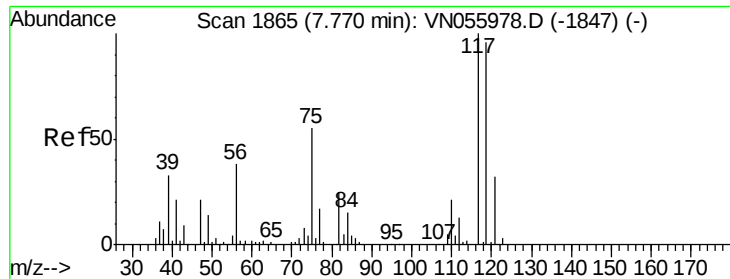
#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.0	57.0#
77	0.0	25.1	37.7#



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





#38

Carbon Tetrachloride

Concen: 6.802 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

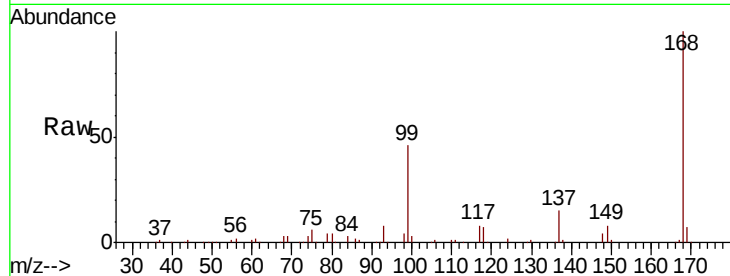
Tot Ion:117 Resp: 31662

Ion Ratio Lower Upper

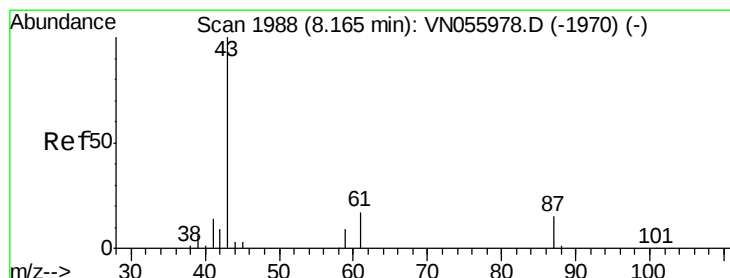
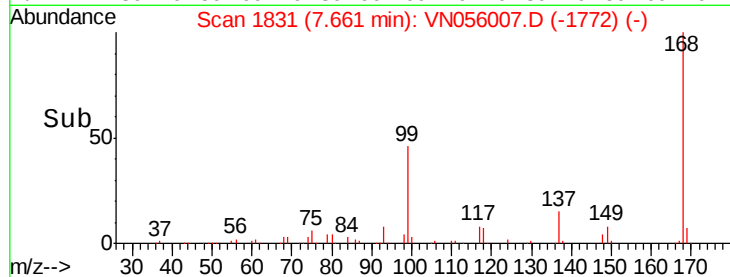
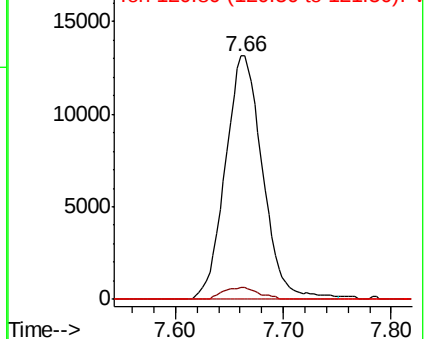
117 100

119 4.7 79.0 118.6#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.008 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

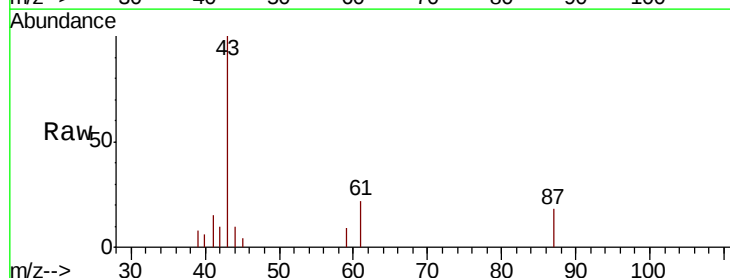
Tgt Ion: 43 Resp: 14615

Ion Ratio Lower Upper

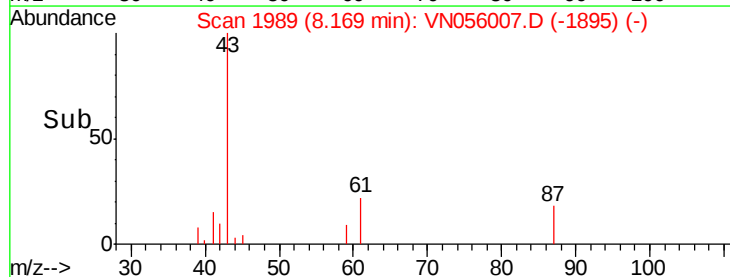
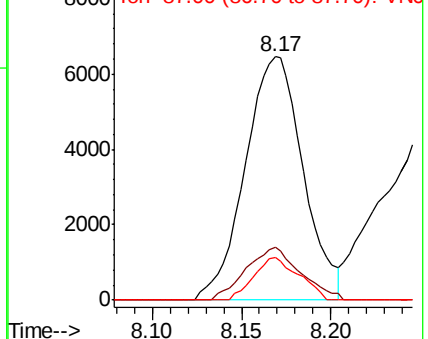
43 100

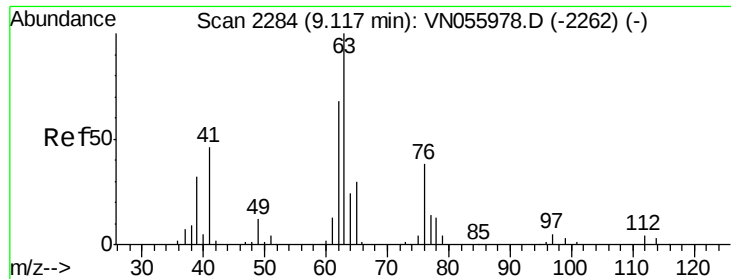
61 20.5 22.2 33.4#

87 13.6 11.4 17.2



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

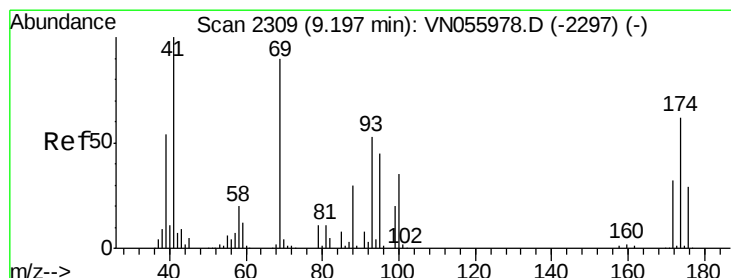
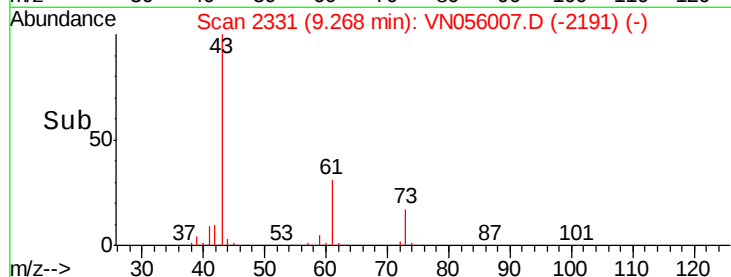
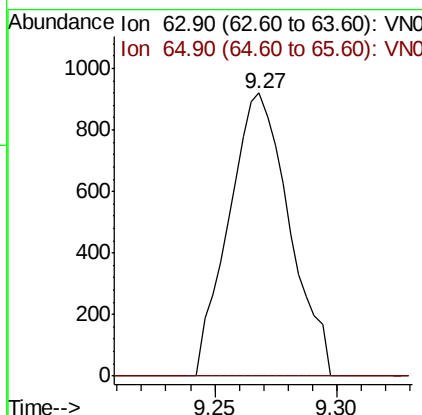
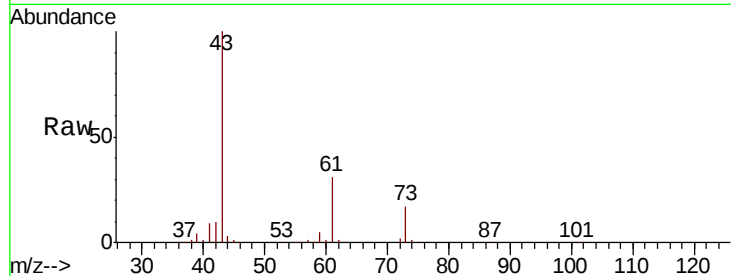




#45
 1,2-Dichloropropane
 Concen: 0.402 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

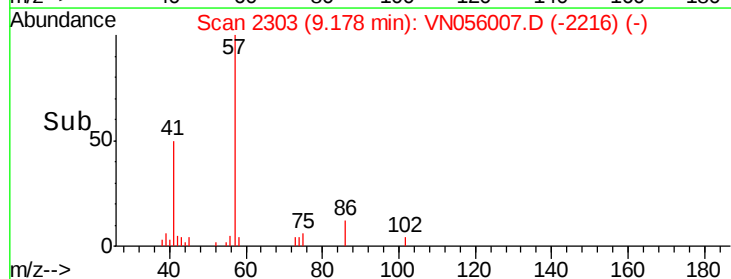
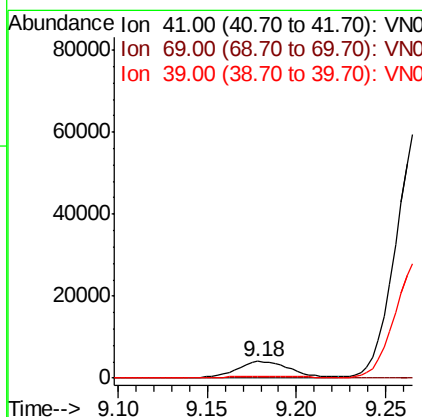
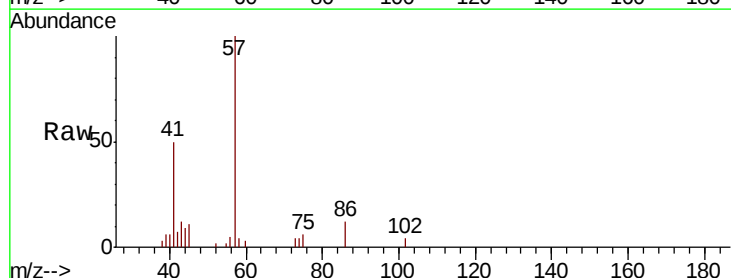
Instrument :
 MSVOA_N
 ClientSampled :

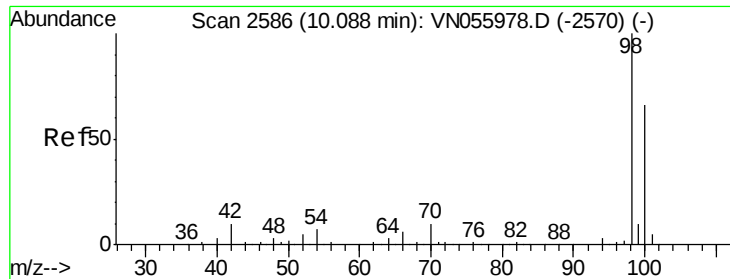
Tot Ion: 63 Resp: 1579
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.452 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion: 41 Resp: 8731
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#

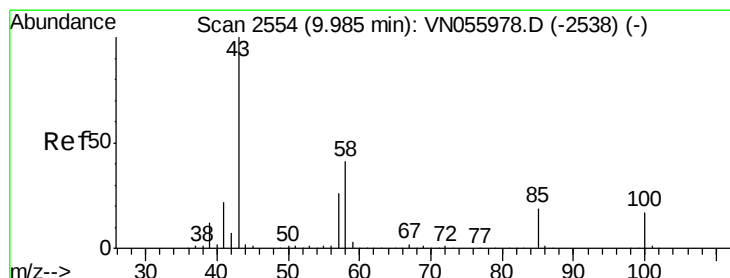
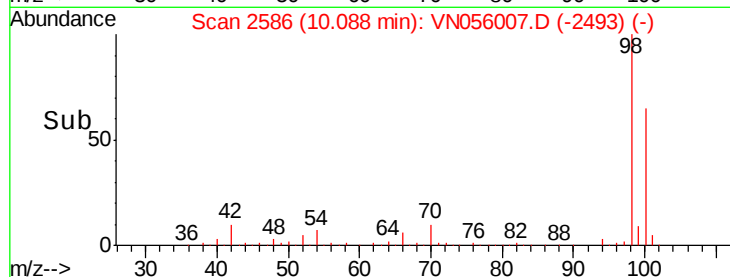
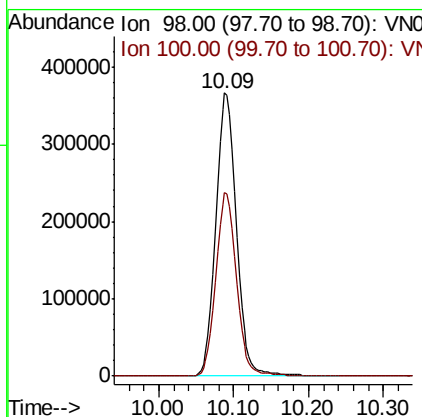
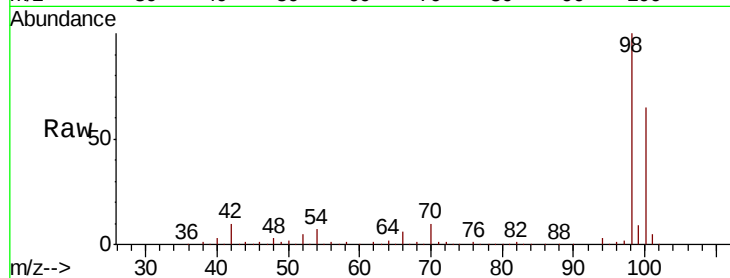




#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

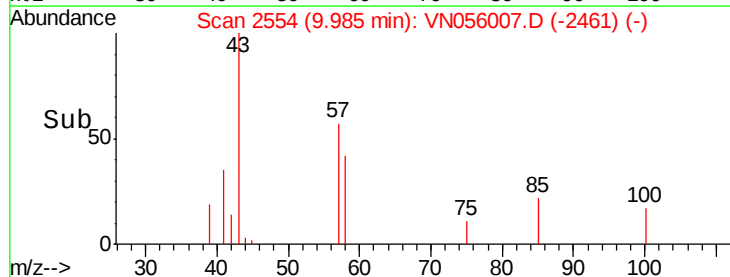
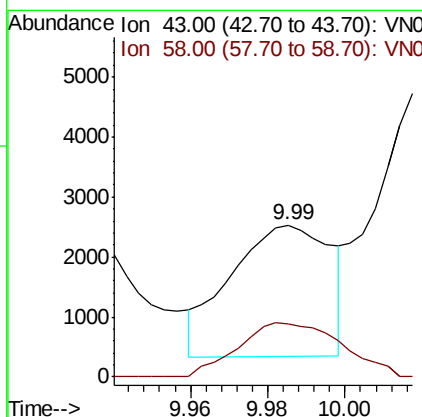
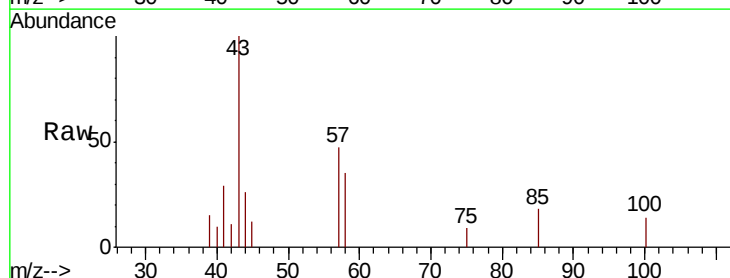
Instrument :
MSVOA_N
ClientSampled :

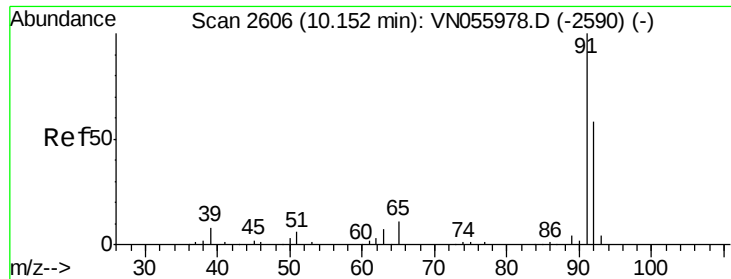
Tot Ion: 98 Resp: 705067
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.867 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
58 42.5 32.1 48.1





#52

Toluene

Concen: 1.523 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

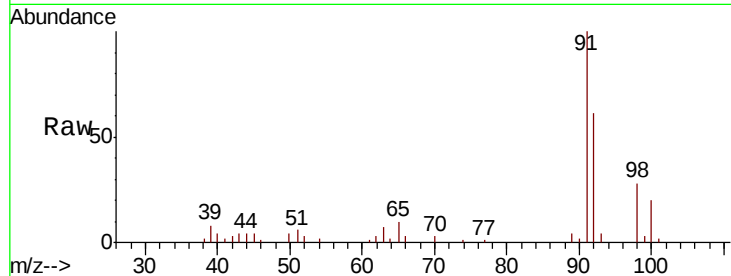
ClientSampleId :

Tot Ion: 92 Resp: 14532

Ion Ratio Lower Upper

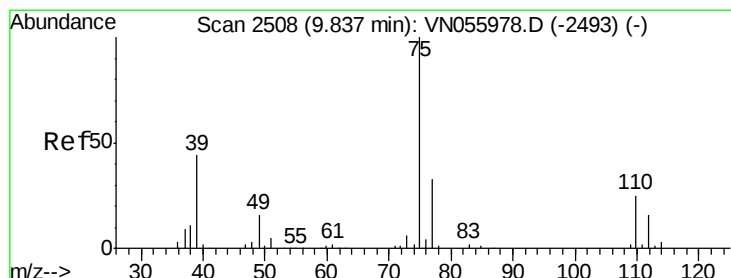
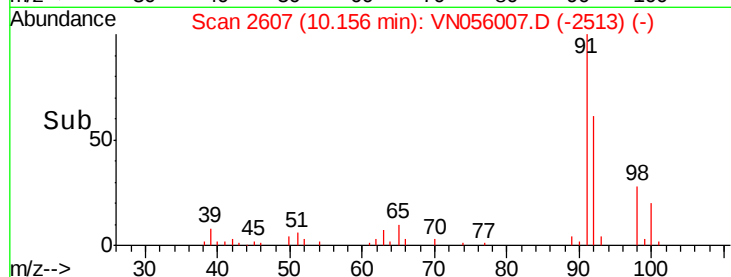
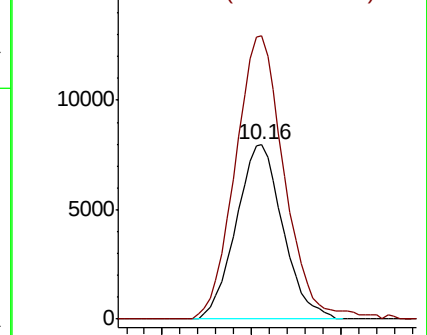
92 100

91 170.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)



#54

cis-1,3-Dichloropropene

Concen: 11.183 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

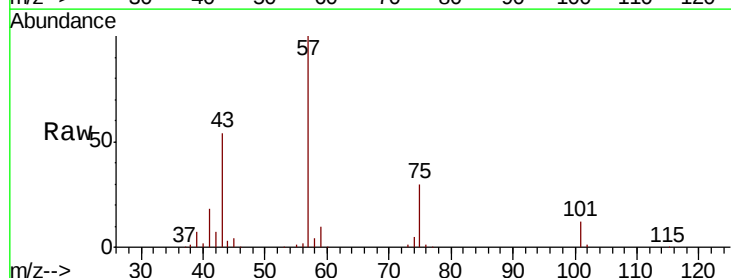
Tgt Ion: 75 Resp: 62572

Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

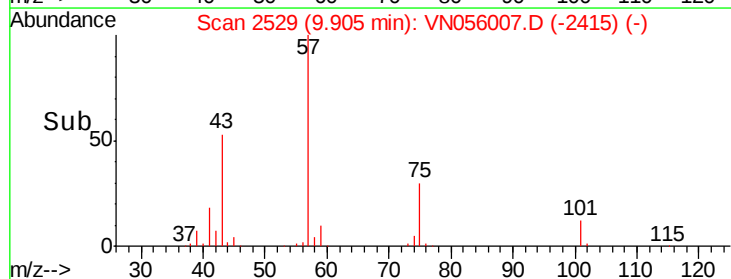
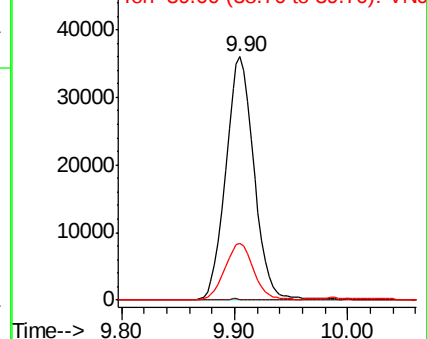
39 23.3 36.3 54.5#

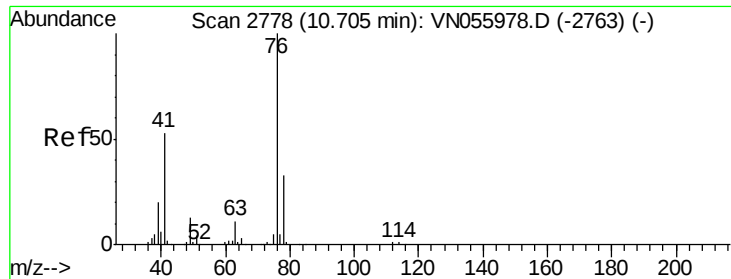


Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN055978.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2493) (-)

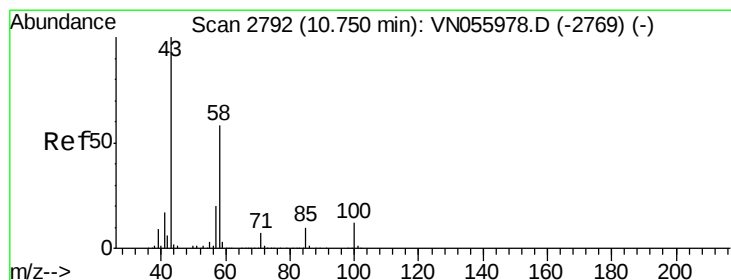
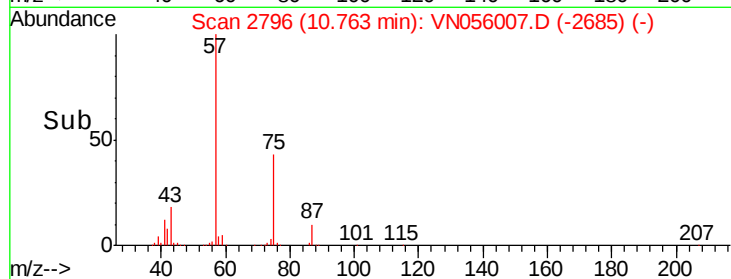
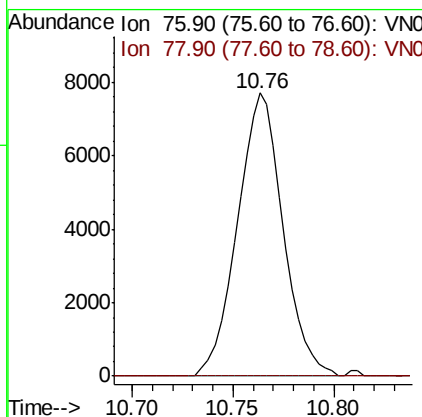
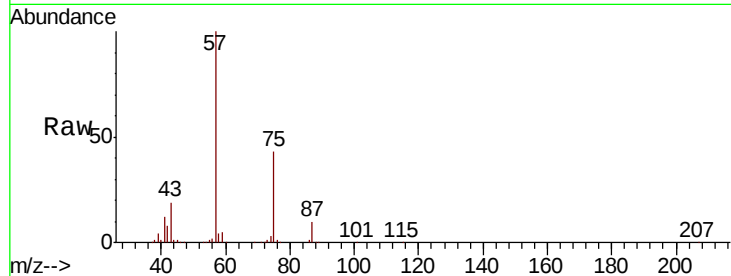




#57
 1,3-Dichloropropane
 Concen: 1.976 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

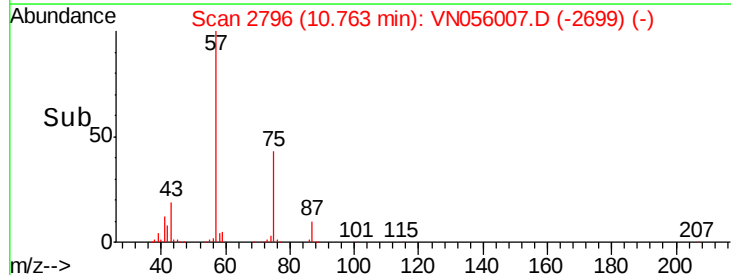
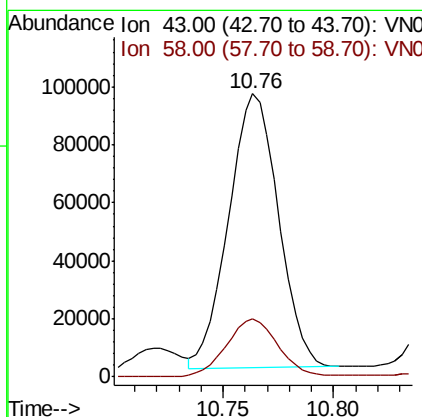
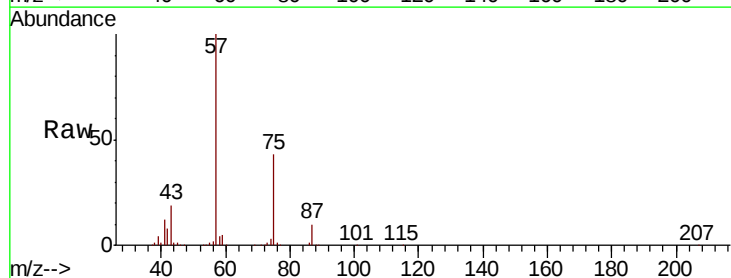
Instrument :
 MSVOA_N
 ClientSampled :

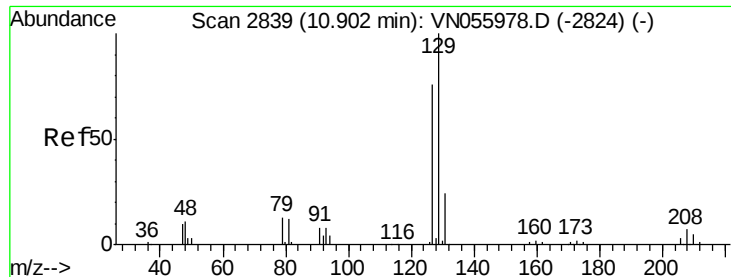
Tot Ion: 76 Resp: 12139
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 44.852 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion: 43 Resp: 147979
 Ion Ratio Lower Upper
 43 100
 58 22.1 28.2 84.7#

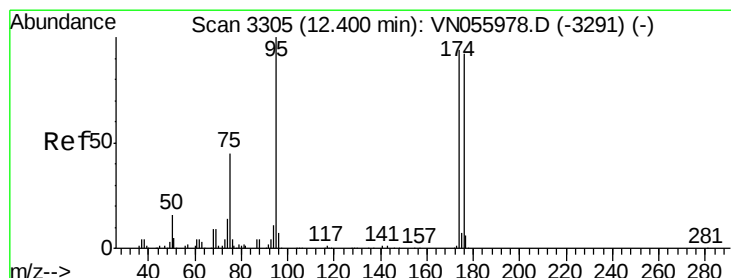
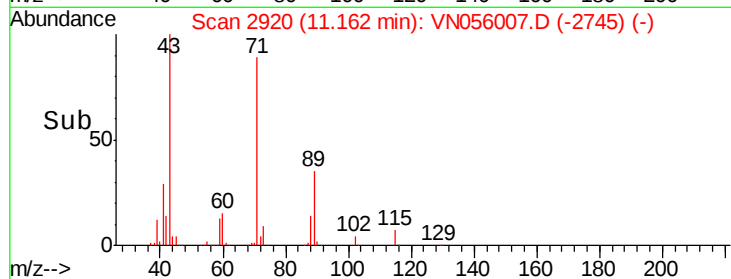
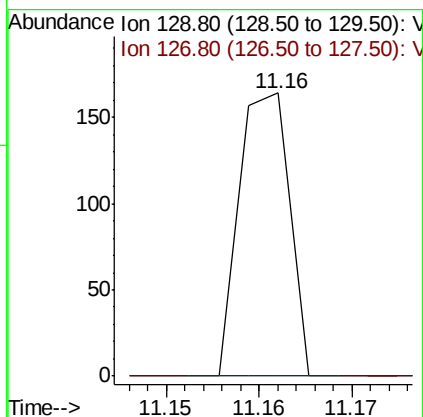
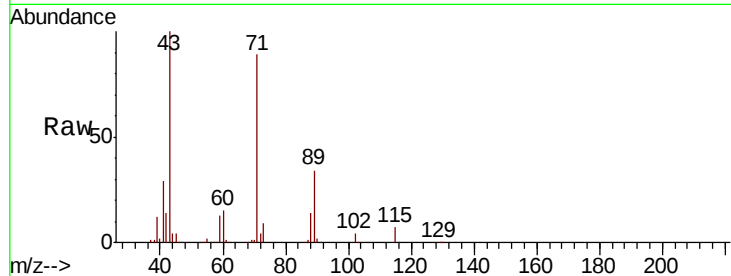




#60
 Dibromochloromethane
 Concen: 2.466 ug/l
 RT: 11.16 min Scan# 2920
 Delta R.T. 0.26 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

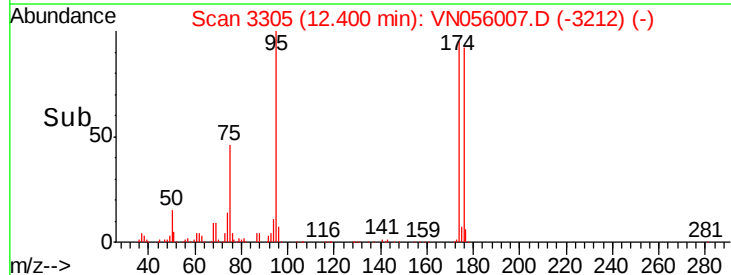
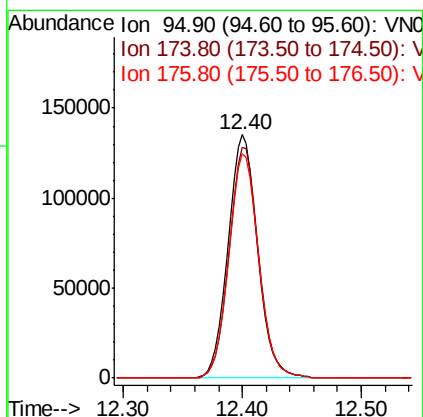
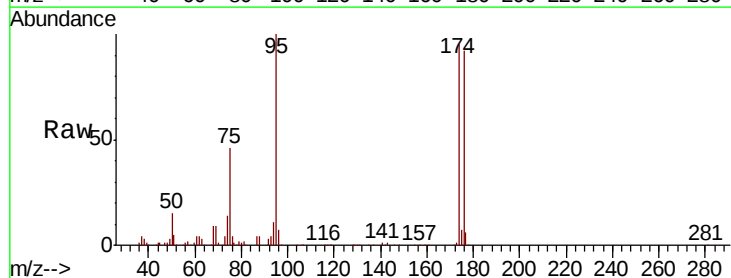
Instrument :
 MSVOA_N
 ClientSampled :

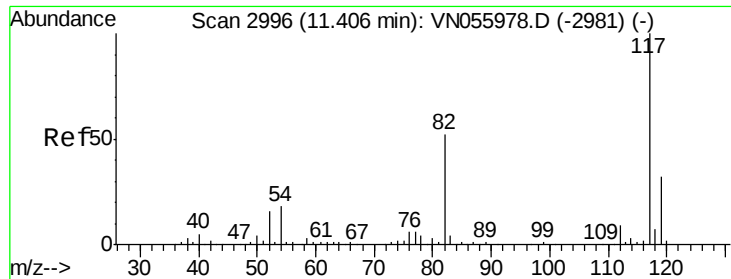
Tot Ion:129 Resp: 62
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.3#



#62
 4-Bromofluorobenzene
 Concen: 49.246 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion: 95 Resp: 232151
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 191.0
 176 93.3 0.0 185.2

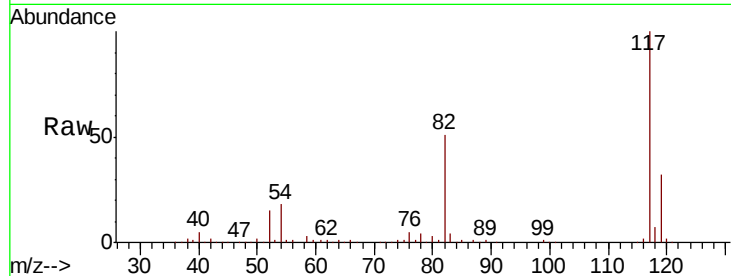




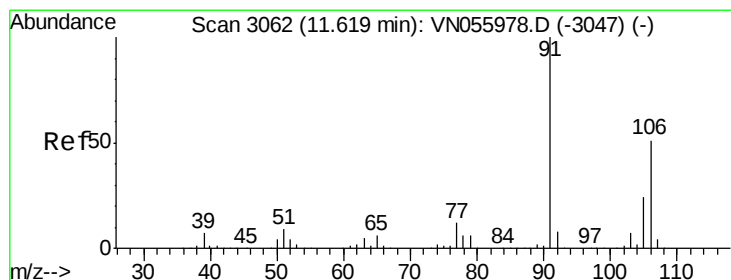
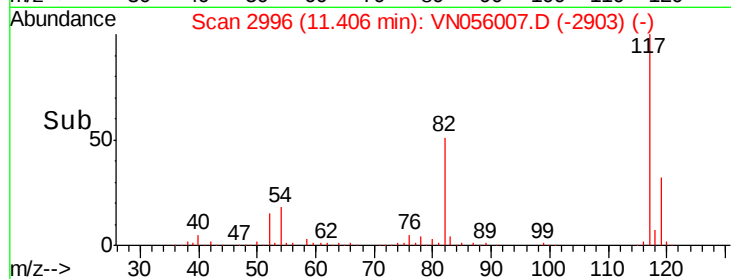
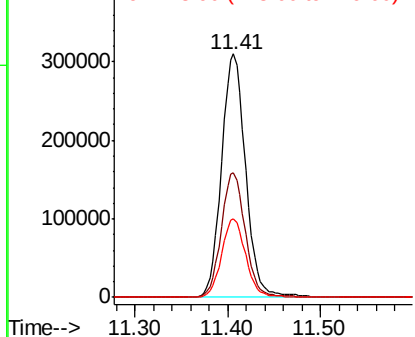
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 558995
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.3 25.4 38.0

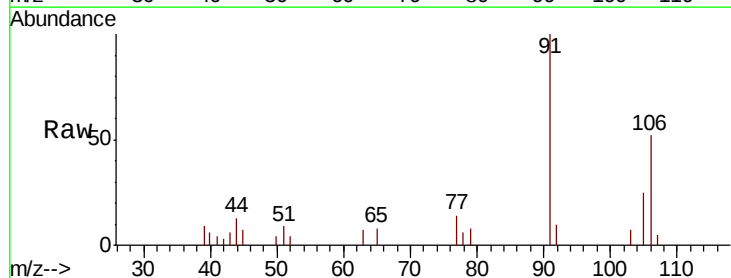


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

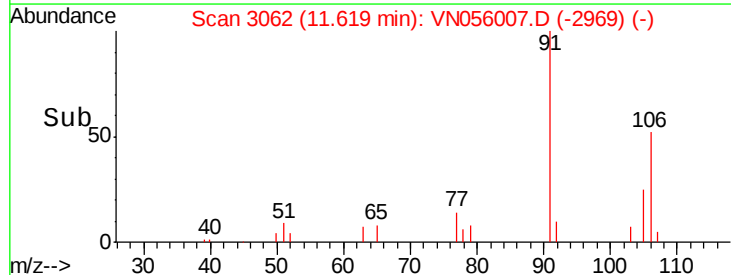
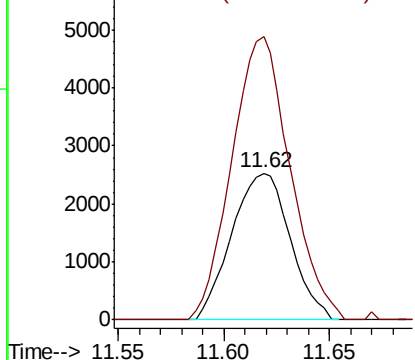


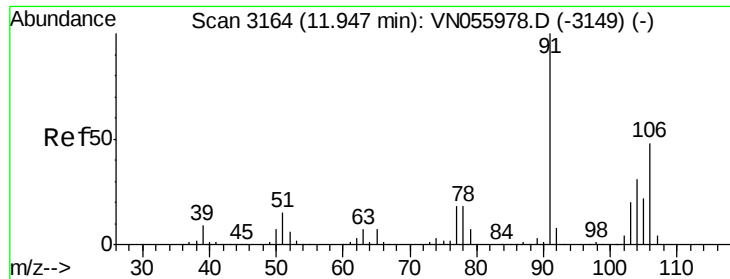
#68
m/p-Xylenes
Concen: 0.659 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion:106 Resp: 4873
Ion Ratio Lower Upper
106 100
91 192.4 159.3 238.9



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

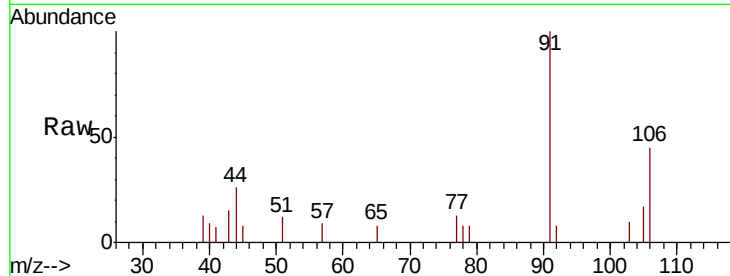




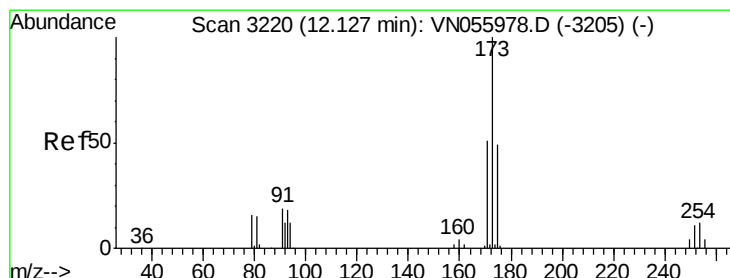
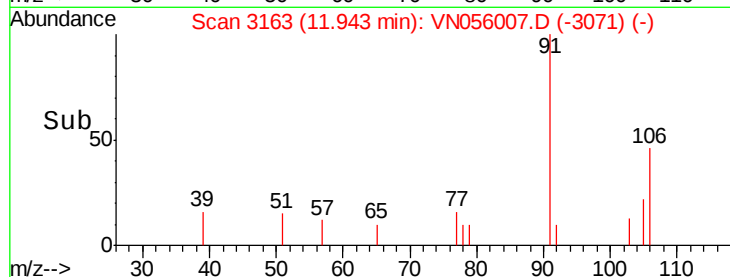
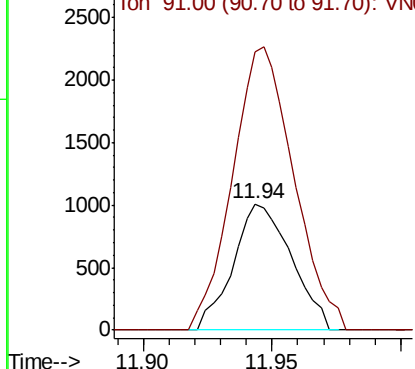
#69
o-Xylene
Concen: 0.218 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 1587
Ion Ratio Lower Upper
106 100
91 236.2 104.7 314.1

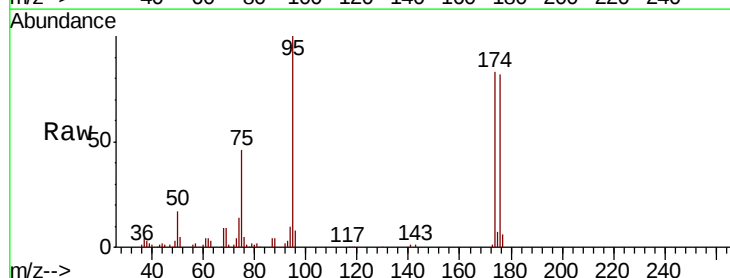


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

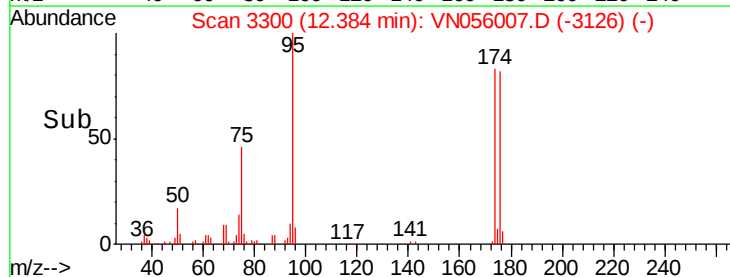
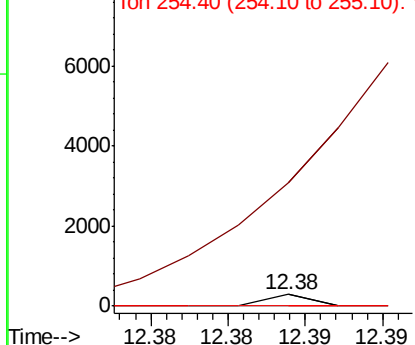


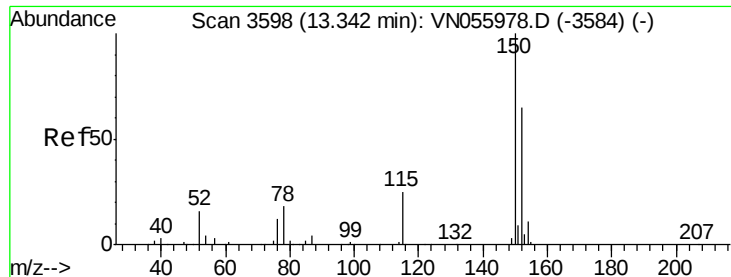
#71
Bromoform
Concen: 2.758 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion:173 Resp: 55
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
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: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

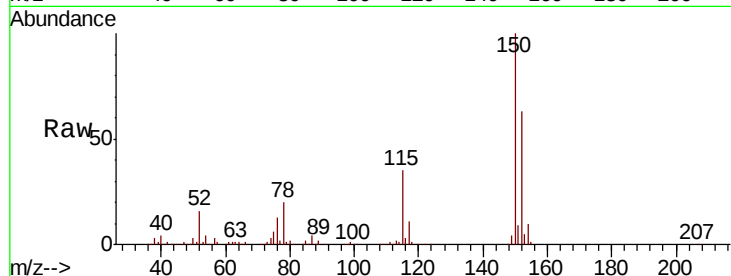
Tot Ion:152 Resp: 192719

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

150 157.8 0.0 343.2

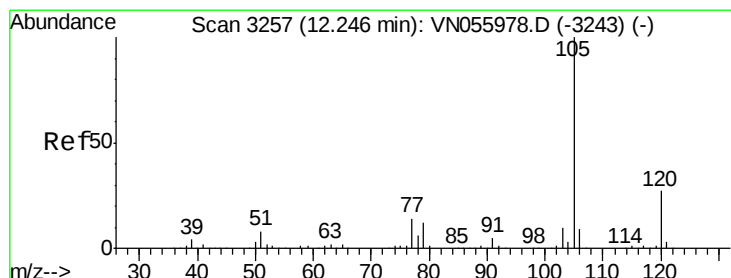
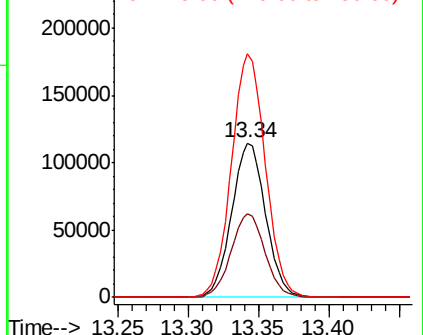
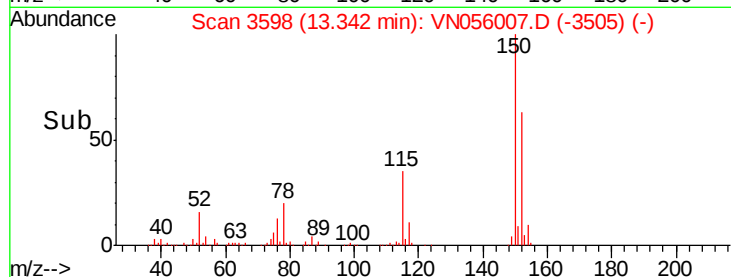


Abundance

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: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056007.D

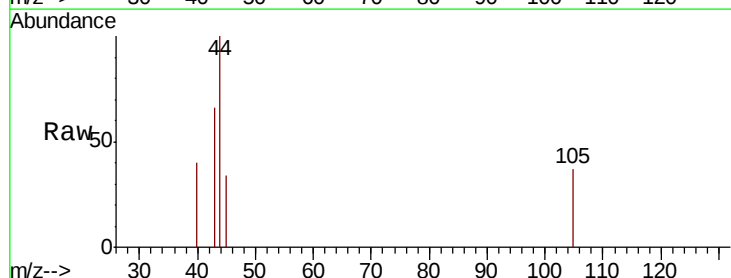
Acq: 5 Jun 2019 14:06

Tgt Ion:105 Resp: 275

Ion Ratio Lower Upper

105 100

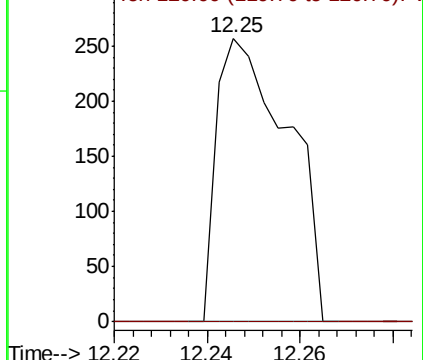
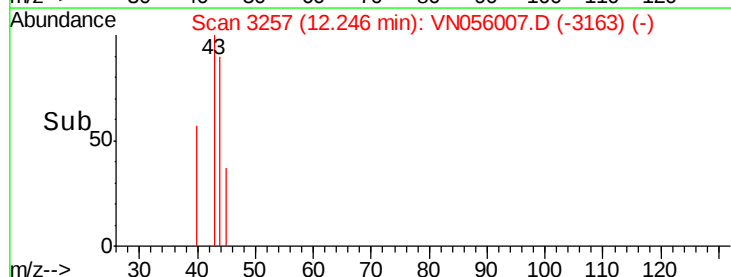
120 0.0 13.6 40.7#

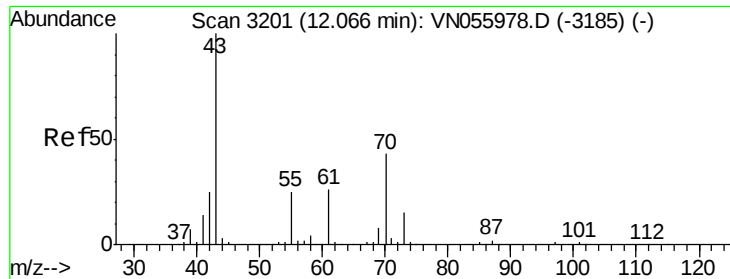


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.314 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 17027

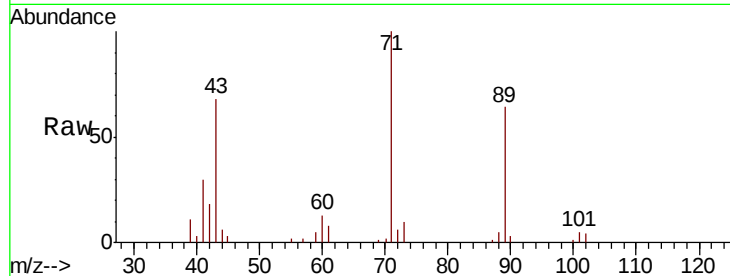
Ion Ratio Lower Upper

43 100

70 1.2 34.0 51.0#

55 2.8 18.6 28.0#

61 10.5 20.0 30.0#

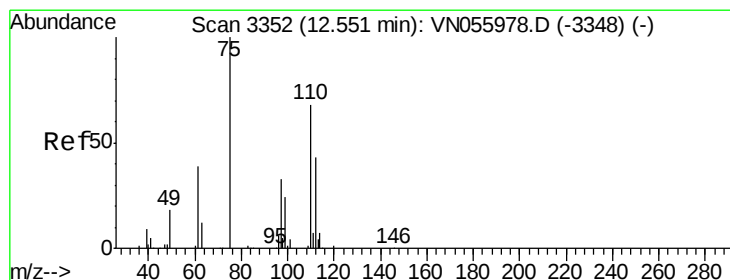
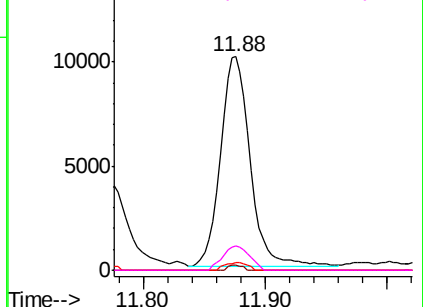
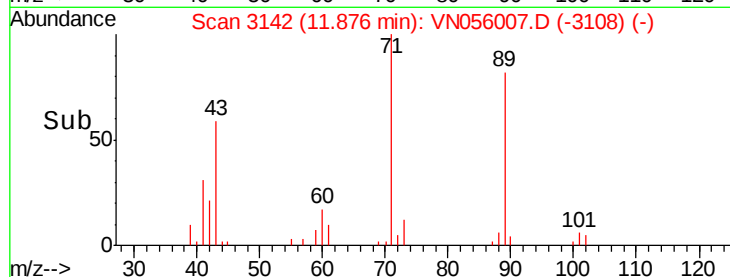


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 29.760 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056007.D

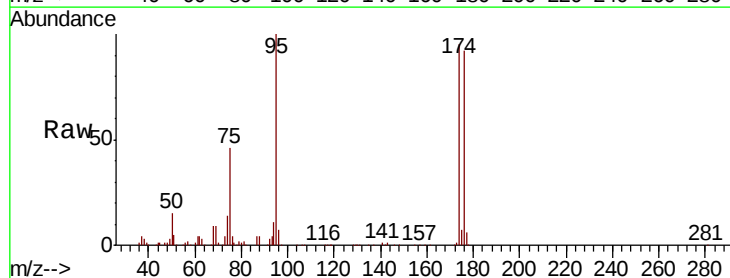
Acq: 5 Jun 2019 14:06

Tgt Ion: 75 Resp: 105533

Ion Ratio Lower Upper

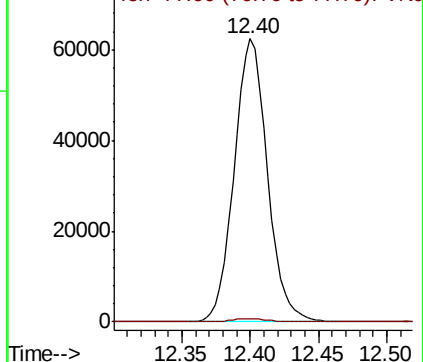
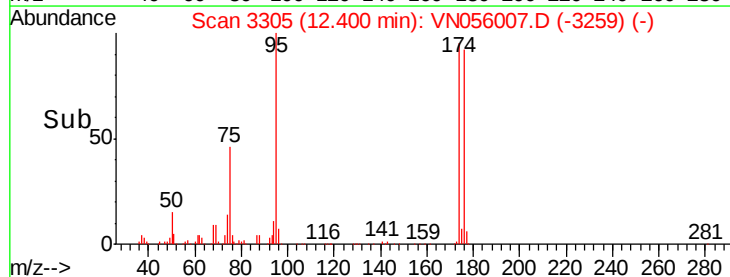
75 100

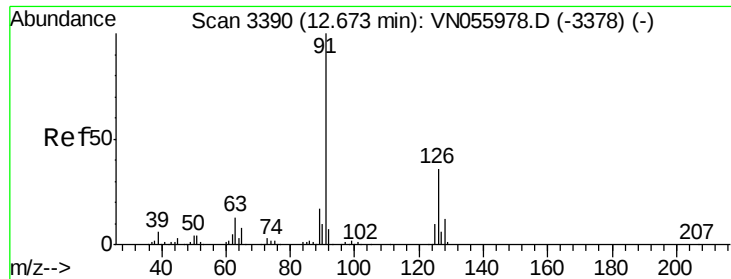
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

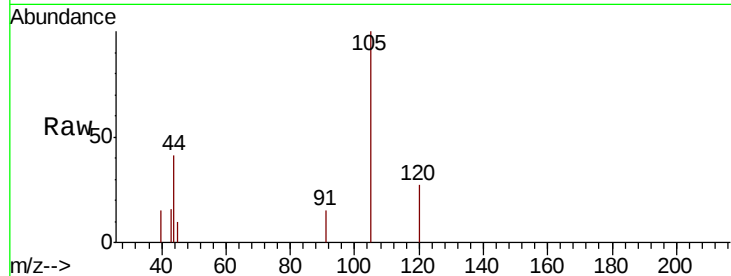
ClientSampled :

Tot Ion: 91 Resp: 272

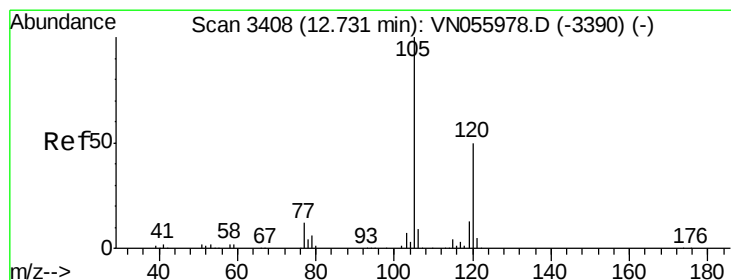
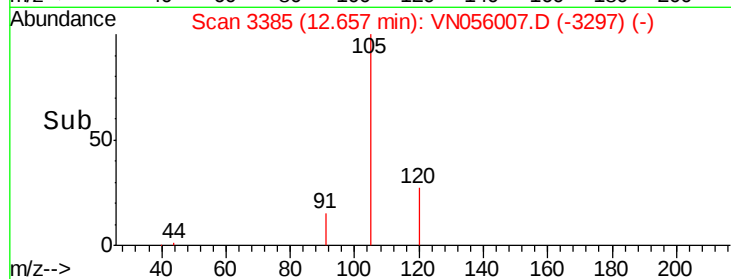
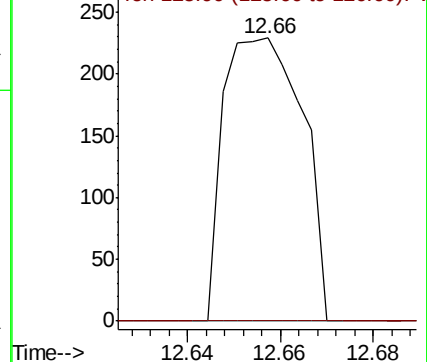
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.383 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056007.D

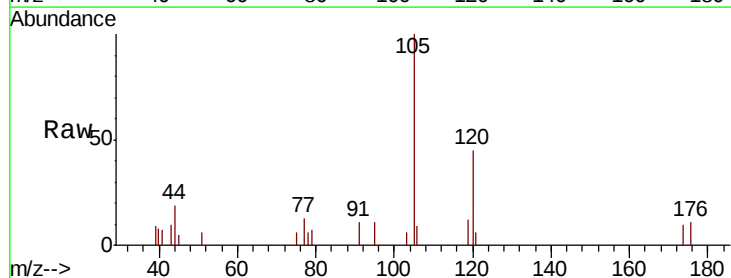
Acq: 5 Jun 2019 14:06

Tgt Ion: 105 Resp: 4966

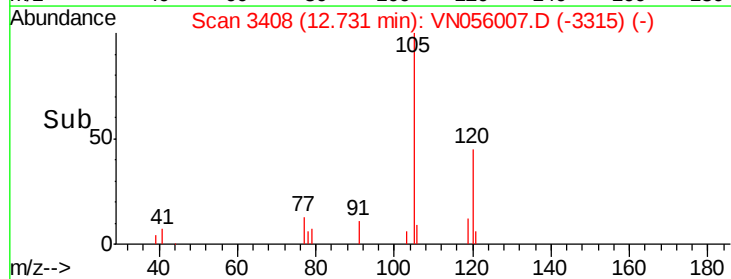
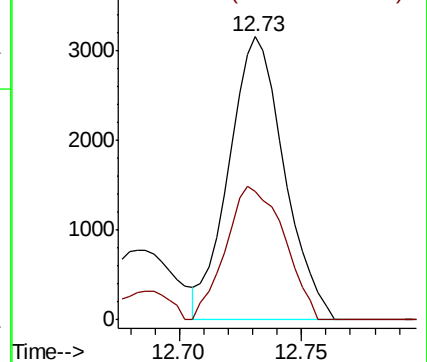
Ion Ratio Lower Upper

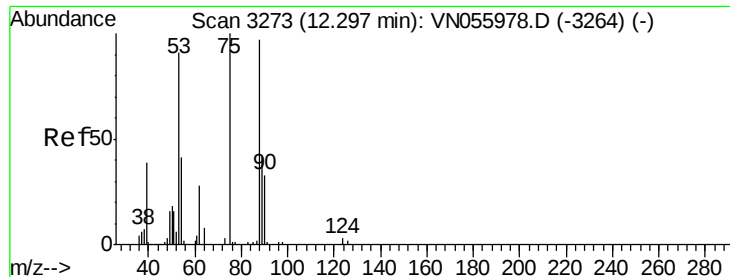
105 100

120 49.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 99.107 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

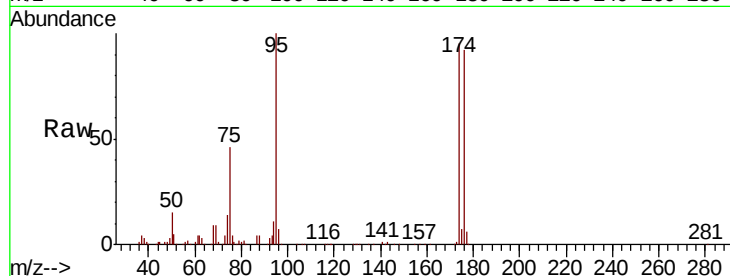
Tot Ion: 75 Resp: 105533

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

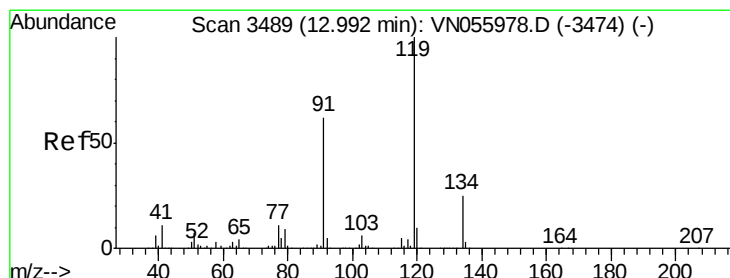
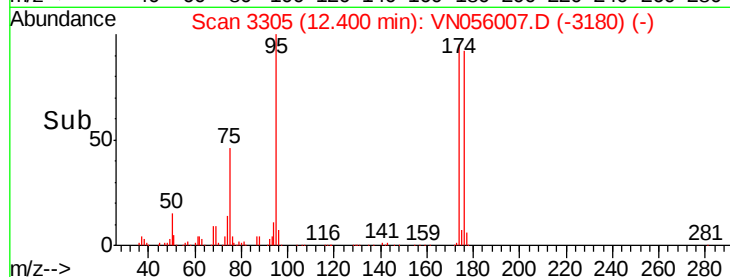
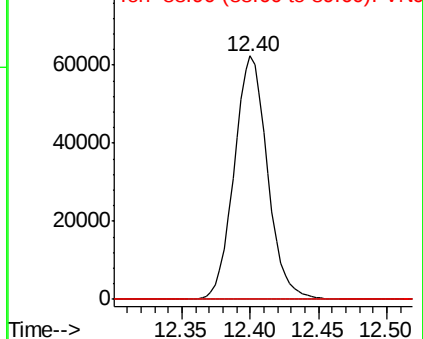
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.03 min Scan# 3502

Delta R.T. 0.04 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

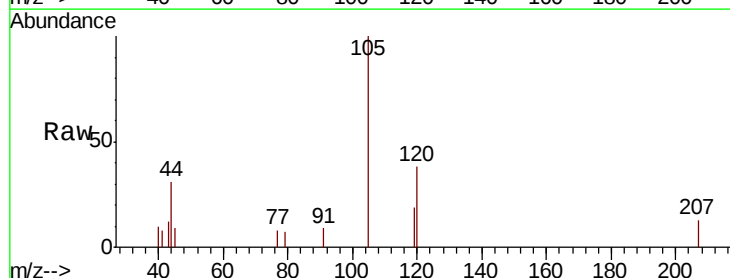
Tgt Ion: 119 Resp: 561

Ion Ratio Lower Upper

119 100

91 63.8 30.9 92.8

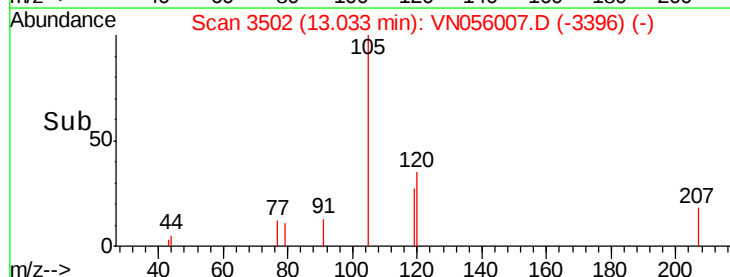
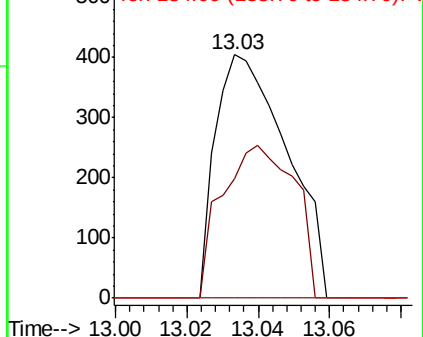
134 0.0 13.3 39.8#

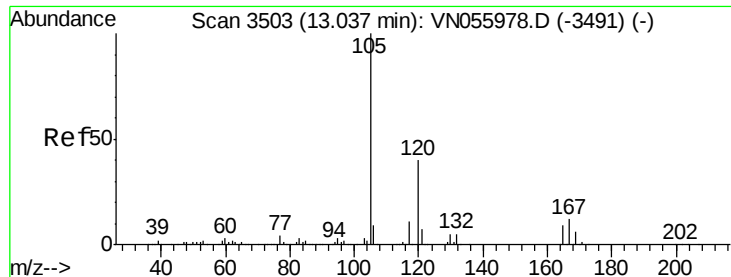


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)

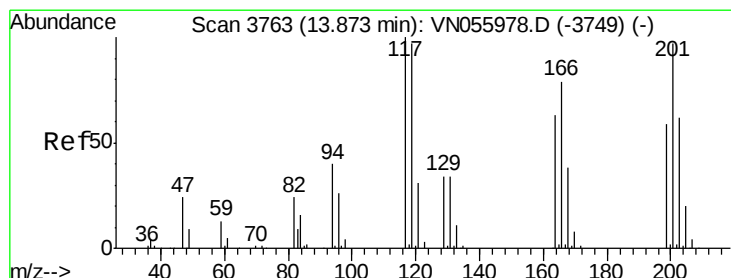
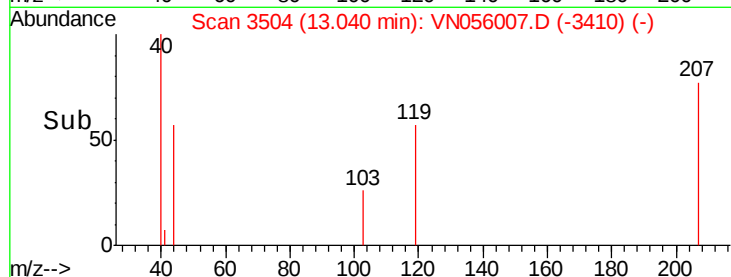
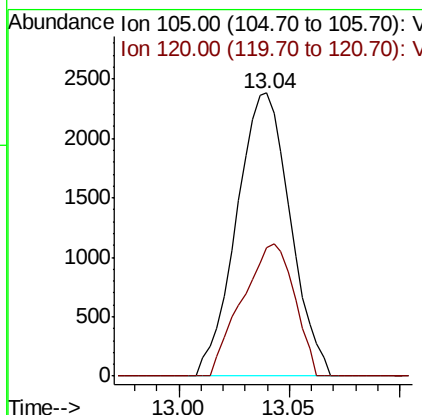
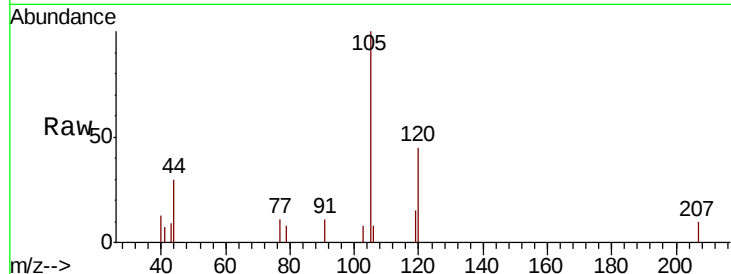




#84
 1,2,4-Trimethylbenzene
 Concen: 0.328 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

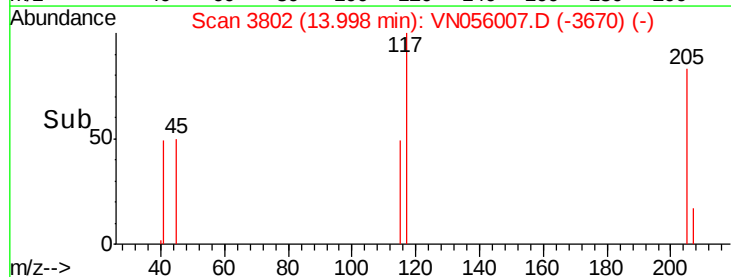
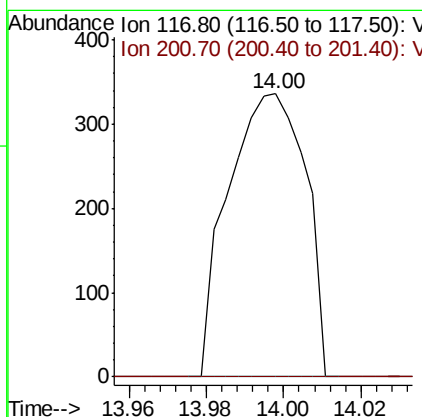
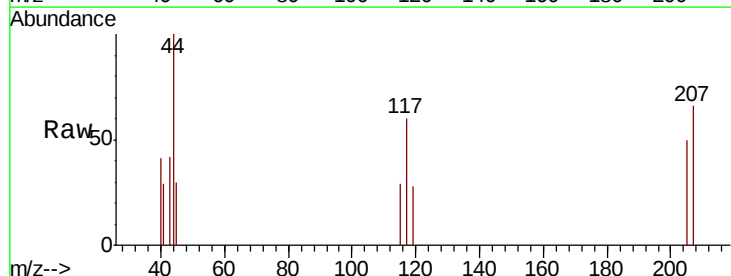
Instrument :
 MSVOA_N
 ClientSampleId :

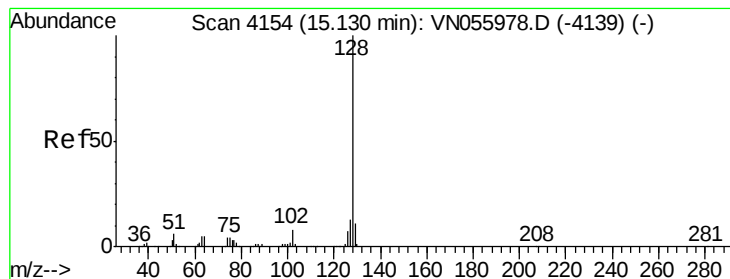
Tot Ion:105 Resp: 4027
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.0 69.0



#90
 Hexachloroethane
 Concen: 0.239 ug/l
 RT: 14.00 min Scan# 3802
 Delta R.T. 0.13 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion:117 Resp: 466
 Ion Ratio Lower Upper
 117 100
 201 0.0 50.0 150.0#





#95

Naphthalene

Concen: 4.833 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

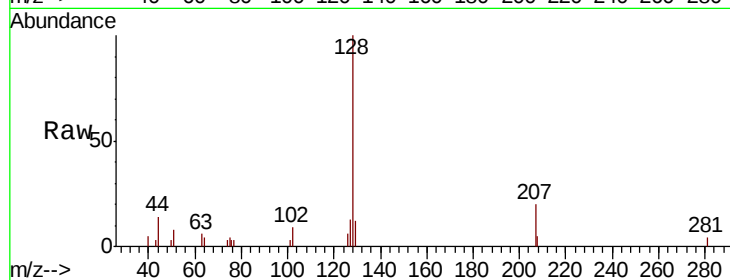
Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :



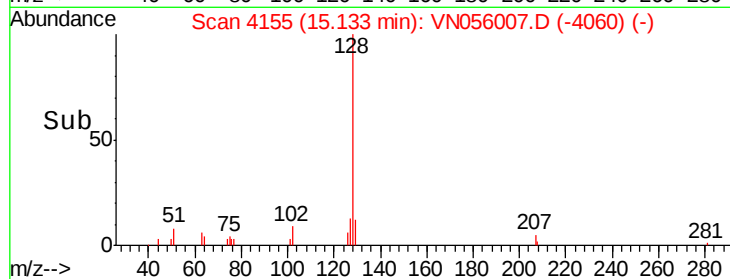
Tot Ion:128 Resp: 9800

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 11.2 8.7 13.1



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

