

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055715.D
 Acq On : 21 May 2019 17:31
 Operator : JC/SP
 Sample : K2951-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:14:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	477284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	638835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214792	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	198617	37.96	ug/l	0.00
Spiked Amount			Recovery	=	75.92%	
35) Dibromofluoromethane	7.59	113	193124	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.09	98	732340	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.40	95	236275	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	1239	1.270	ug/l #	74
14) Allyl chloride	4.55	41	10348	1.471	ug/l #	26
16) Acetone	3.82	43	14358	6.725	ug/l	97
17) Carbon Disulfide	4.06	76	4220	0.348	ug/l	96
18) Methyl Acetate	4.34	43	5348	1.168	ug/l #	74
20) Methylene Chloride	4.55	84	348994	71.622	ug/l	94
25) 2-Butanone	6.84	43	9221	3.089	ug/l	95
29) Tetrahydrofuran	7.22	42	572	0.289	ug/l #	56
30) Chloroform	7.37	83	2238	0.267	ug/l	95
31) Cyclohexane	7.66	56	6053	0.780	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24737	4.343	ug/l #	49
37) Ethyl Acetate	6.84	43	9221	1.794	ug/l #	67
38) Carbon Tetrachloride	7.66	117	35885	5.896	ug/l #	16
43) Isopropyl Acetate	8.20	43	109816	12.283	ug/l #	53
45) 1,2-Dichloropropane	9.26	63	1244	0.282	ug/l #	43
48) Methyl methacrylate	9.18	41	7174	1.795	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	3119	0.595	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	50500	7.075	ug/l #	56
57) 1,3-Dichloropropane	10.77	76	7961	1.162	ug/l #	42
59) 2-Hexanone	10.76	43	98870	26.778	ug/l #	51
71) Bromoform	12.40	173	1724	0.447	ug/l #	1
73) Isopropylbenzene	12.25	105	683	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	105609	24.096	ug/l #	100
79) 2-Chlorotoluene	12.66	91	538	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4339	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	105609	61.940	ug/l #	17
83) tert-Butylbenzene	13.04	119	1479	Below Cal	#	77
84) 1,2,4-Trimethylbenzene	13.04	105	11482	Below Cal		98
85) sec-Butylbenzene	13.17	105	669	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	1049	Below Cal	#	76
90) Hexachloroethane	13.89	117	97	Below Cal	#	3
95) Naphthalene	15.14	128	8220	2.474	ug/l #	94

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

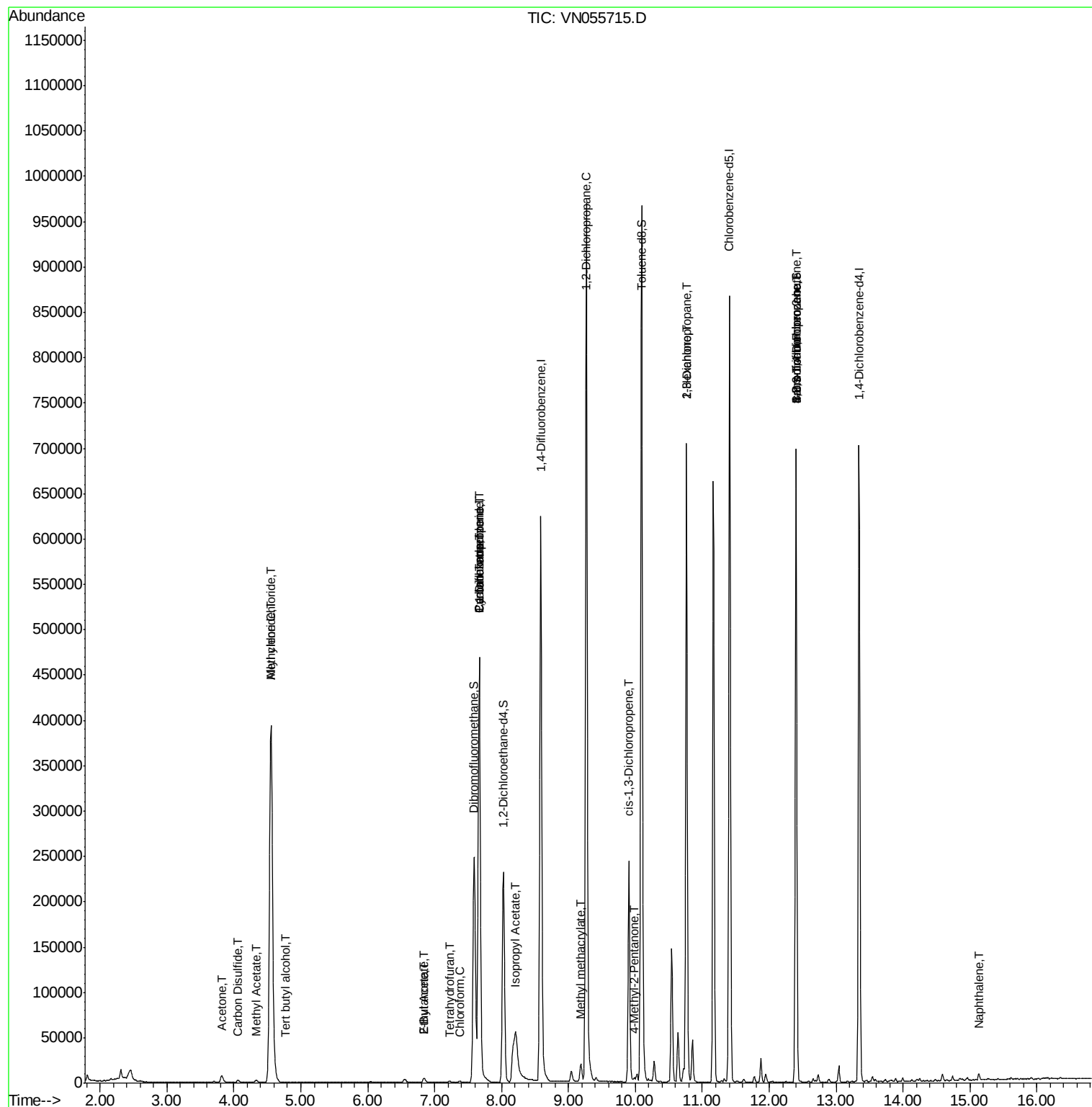
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

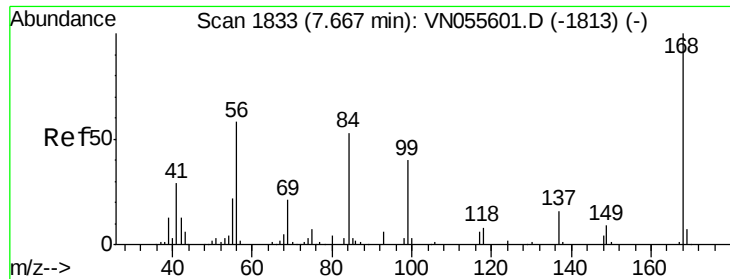
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
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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: VN055715.D

Acq: 21 May 2019 17:31

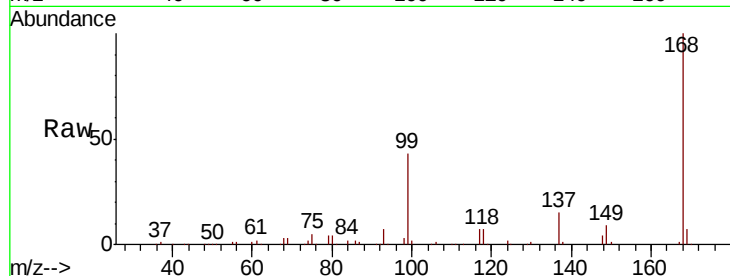
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 477284

Ion Ratio Lower Upper

168 100

99 42.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

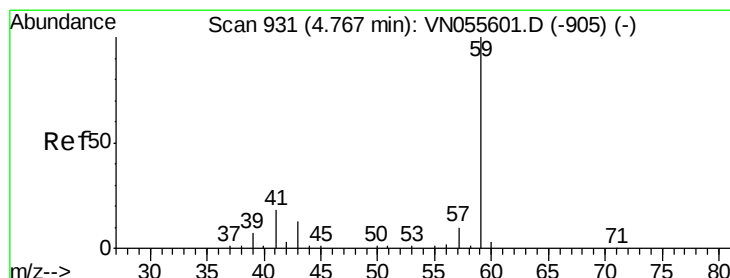
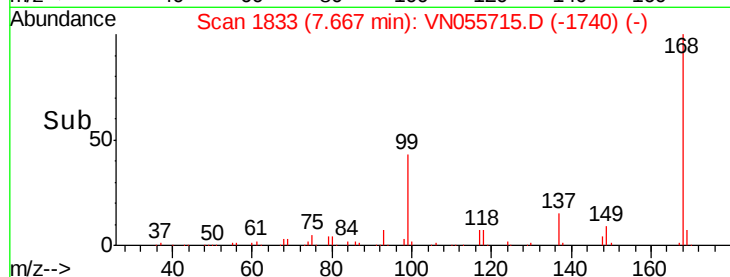
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 4.77 min Scan# 932

Delta R.T. 0.00 min

Lab File: VN055715.D

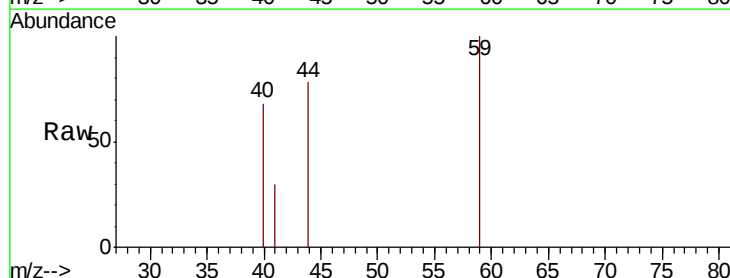
Acq: 21 May 2019 17:31

Tgt Ion: 59 Resp: 1239

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

600

500

400

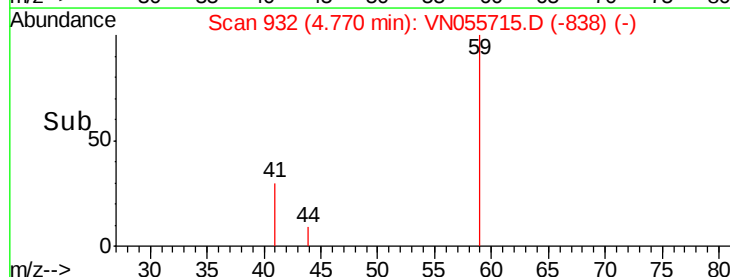
300

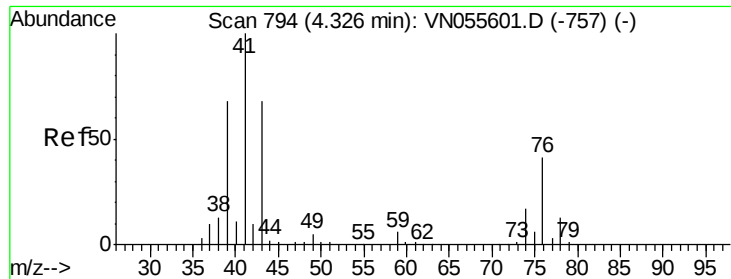
200

100

0

Time--> 4.75 4.80

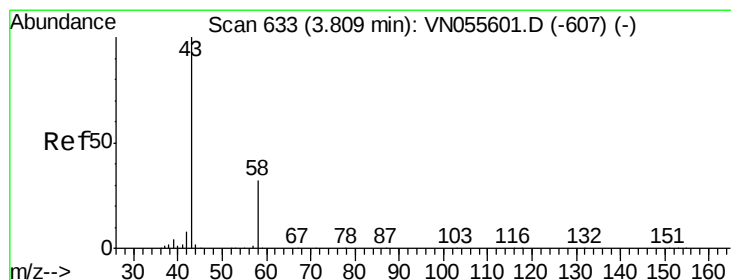
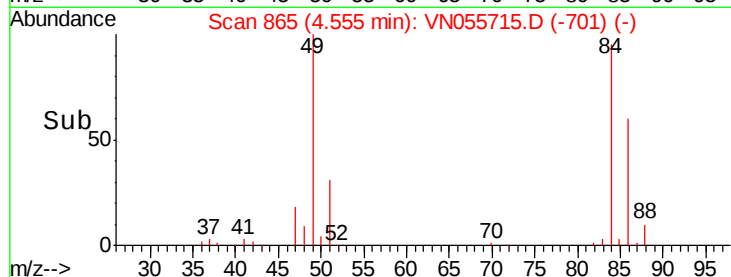
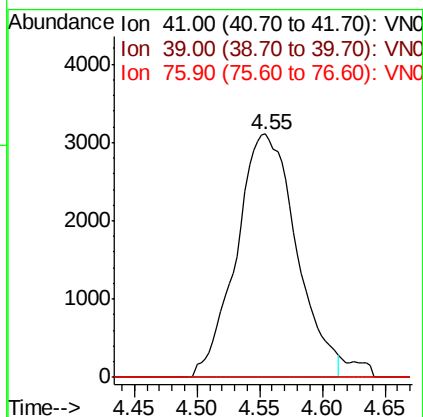
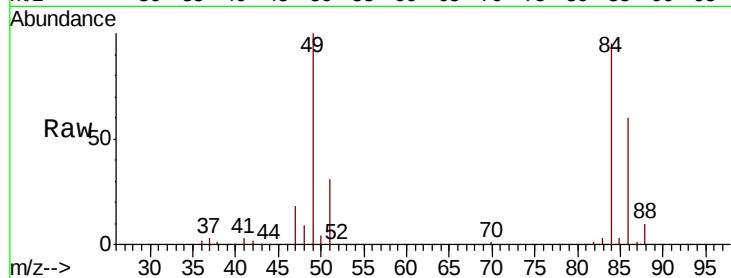




#14
Allvl chloride
Concen: 1.471 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

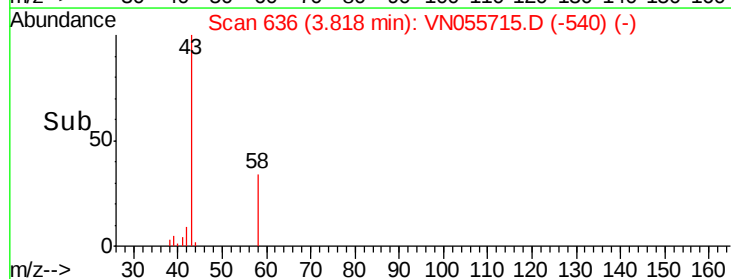
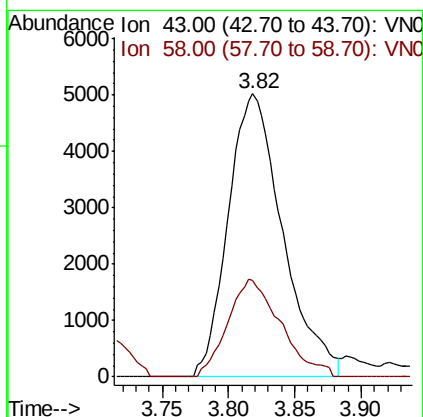
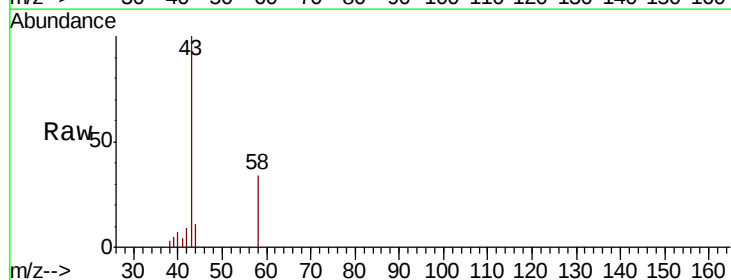
Instrument :
MSVOA_N
ClientSampled :

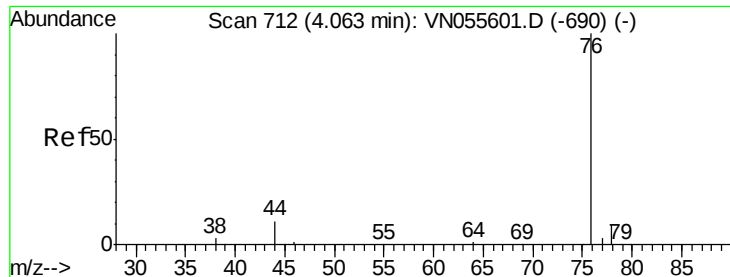
Tot Ion: 41 Resp: 10348
Ion Ratio Lower Upper
41 100
39 0.0 50.5 75.7#
76 0.0 29.2 43.8#



#16
Acetone
Concen: 6.725 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 14358
Ion Ratio Lower Upper
43 100
58 34.1 26.0 39.0

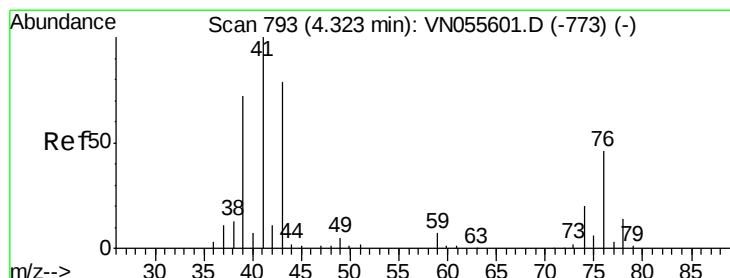
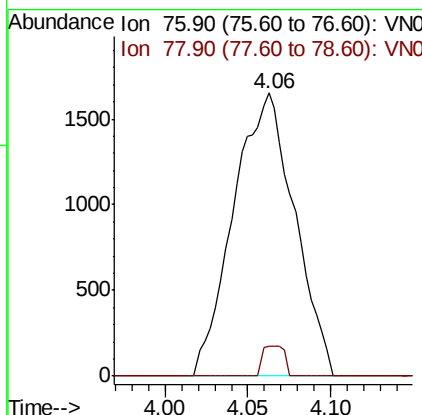
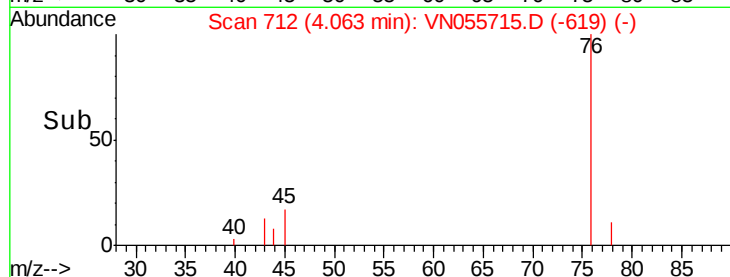
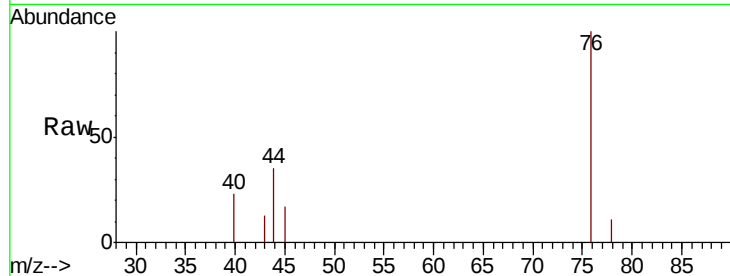




#17
Carbon Disulfide
Concen: 0.348 ug/l
RT: 4.06 min Scan# 712
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

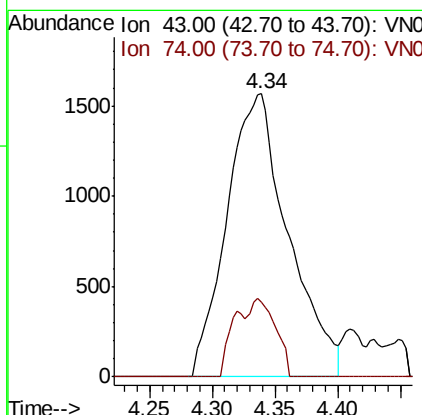
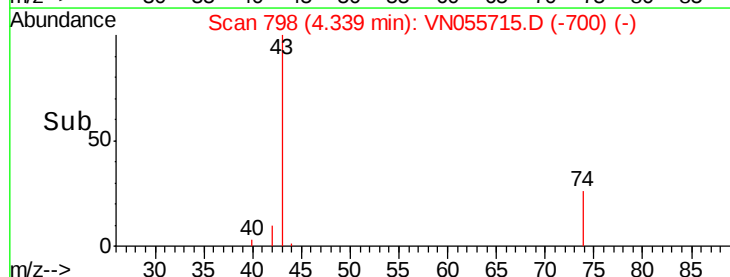
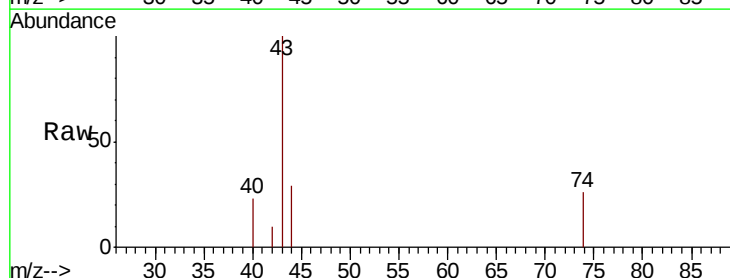
Instrument :
MSVOA_N
ClientSampled :

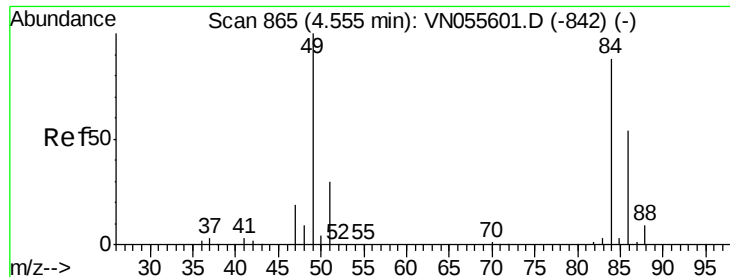
Tot Ion: 76 Resp: 4220
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 1.168 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 5348
Ion Ratio Lower Upper
43 100
74 11.8 19.9 29.9#

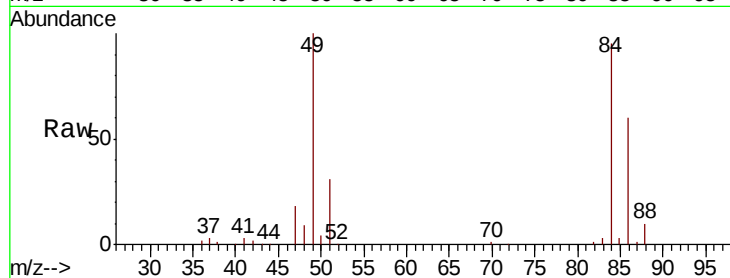




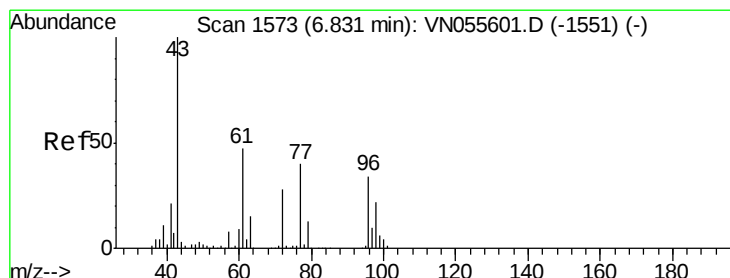
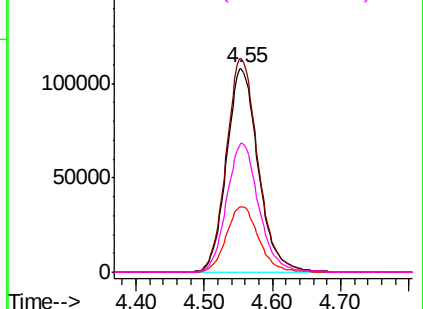
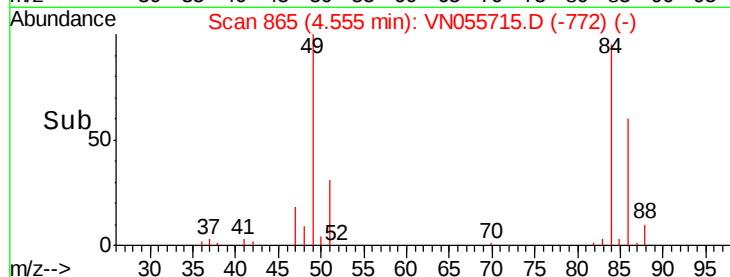
#20
Methvlene Chloride
Concen: 71.622 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 348994
Ion Ratio Lower Upper
84 100
49 104.8 91.0 136.4
51 32.3 27.5 41.3
86 63.2 49.4 74.0

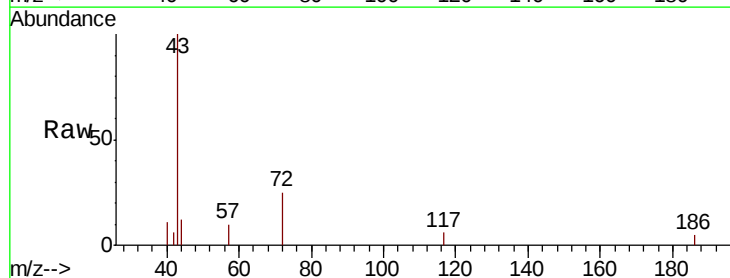


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

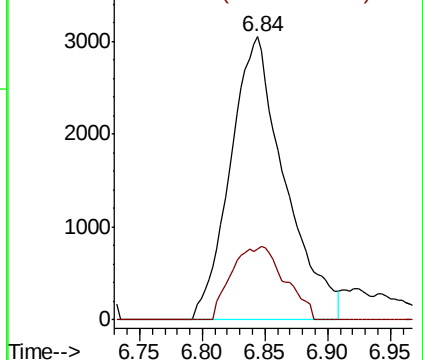
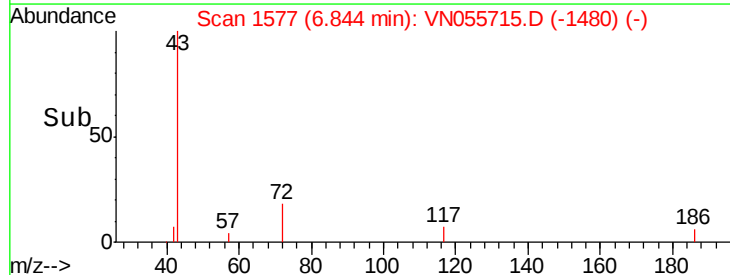


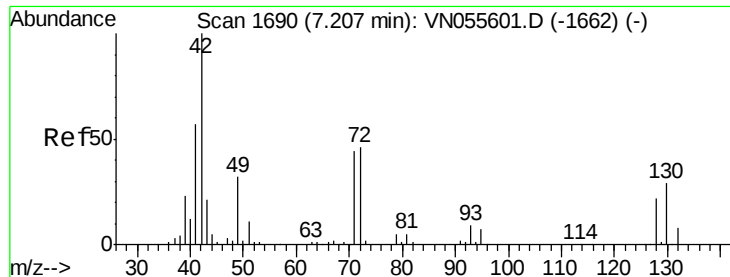
#25
2-Butanone
Concen: 3.089 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 9221
Ion Ratio Lower Upper
43 100
72 25.0 22.3 33.5



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





#29

Tetrahydrofuran

Concen: 0.289 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampled :

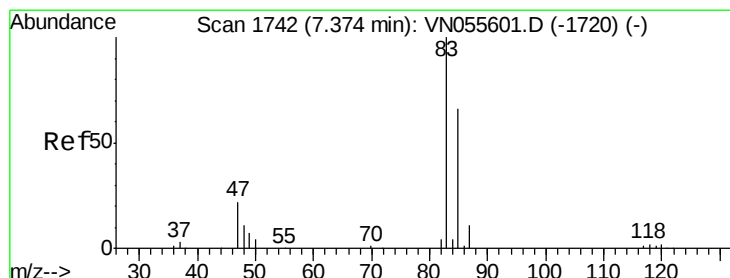
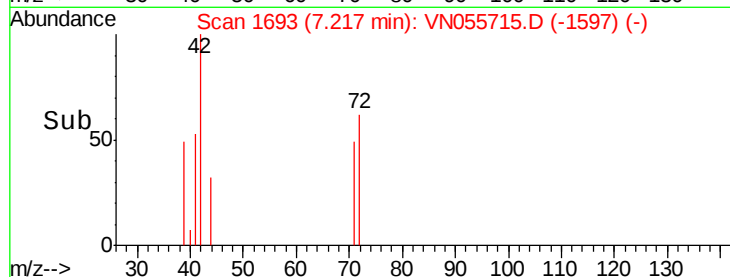
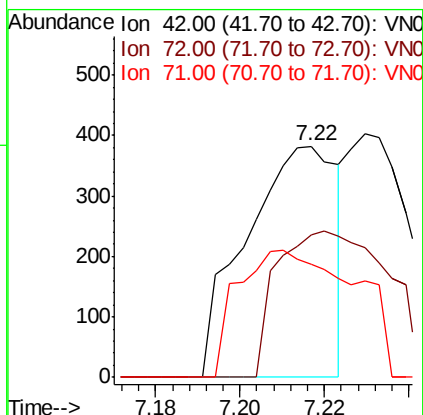
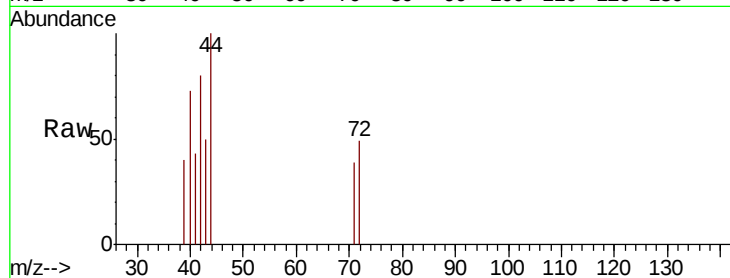
Tot Ion: 42 Resp: 572

Ion Ratio Lower Upper

42 100

72 75.9 36.5 54.7#

71 70.8 34.9 52.3#



#30

Chloroform

Concen: 0.267 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055715.D

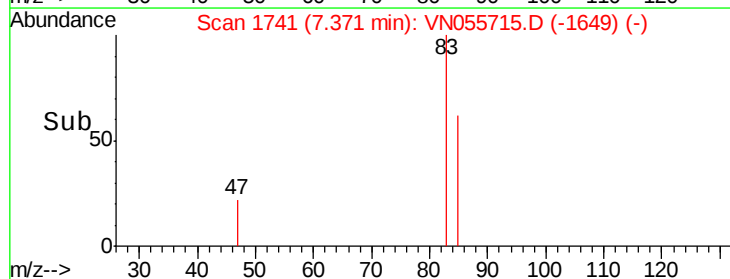
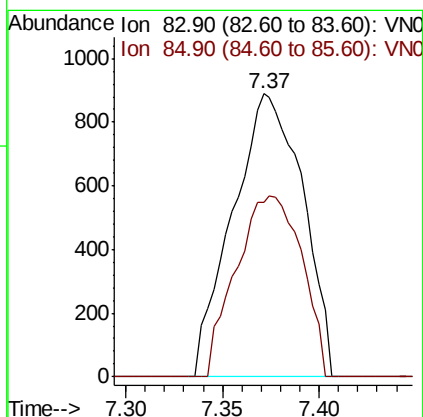
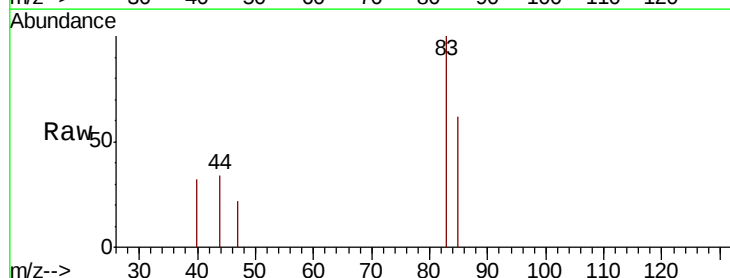
Acq: 21 May 2019 17:31

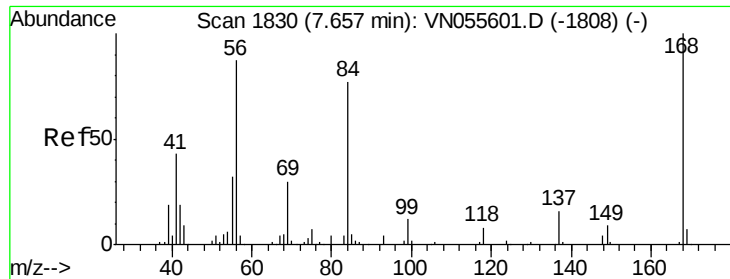
Tgt Ion: 83 Resp: 2238

Ion Ratio Lower Upper

83 100

85 61.9 52.6 78.8

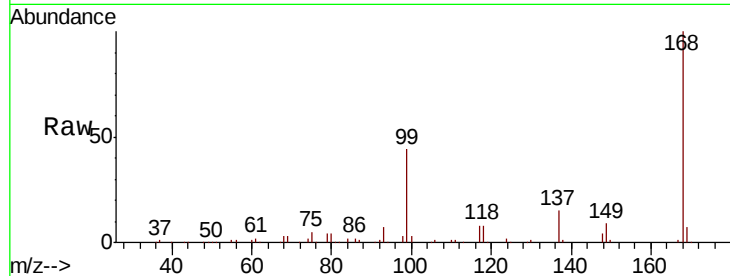




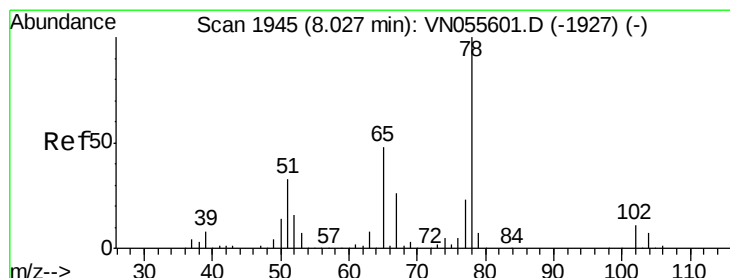
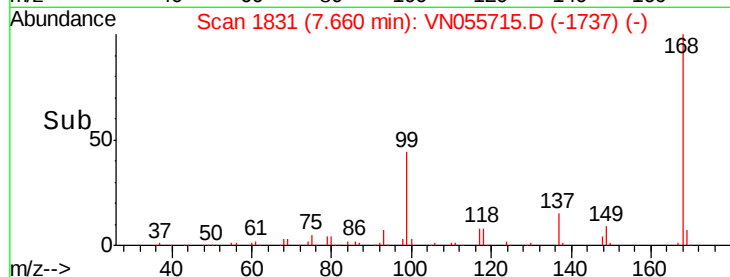
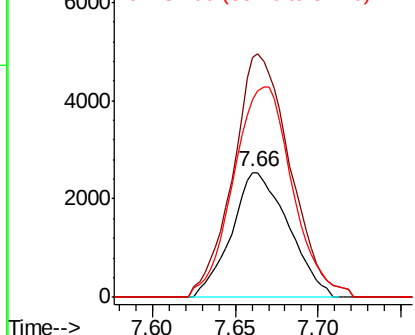
#31
Cyclohexane
Concen: 0.780 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 6053
Ion Ratio Lower Upper
56 100
69 192.1 27.2 40.8#
84 157.5 71.3 106.9#

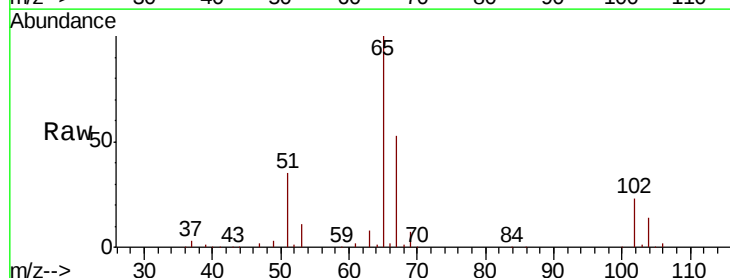


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

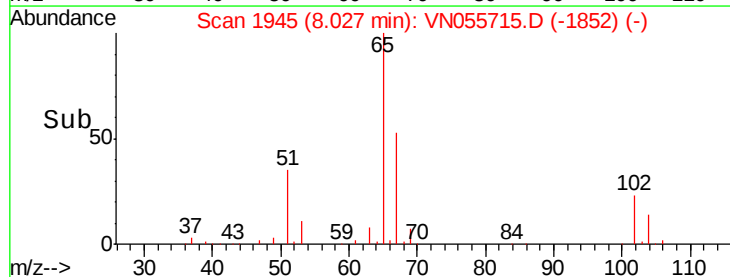
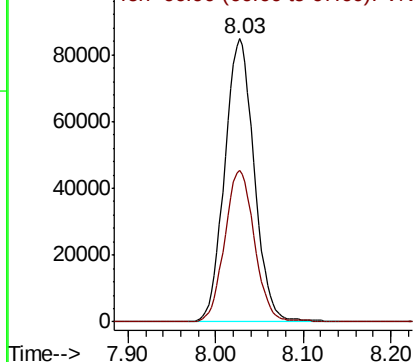


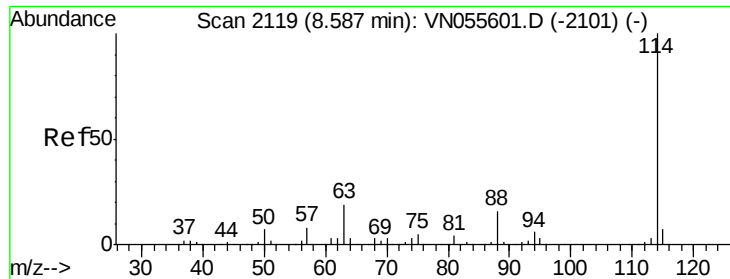
#33
1,2-Dichloroethane-d4
Concen: 37.962 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 65 Resp: 198617
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.6



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

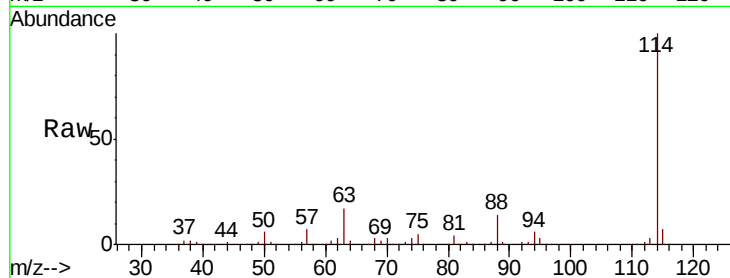




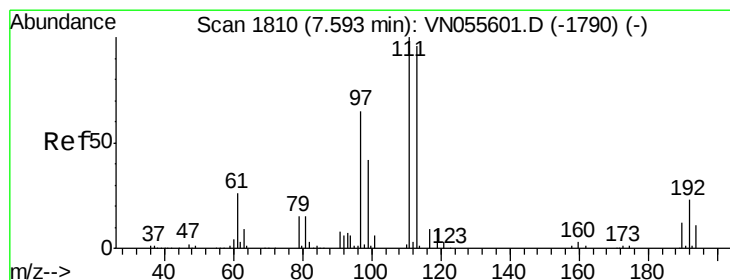
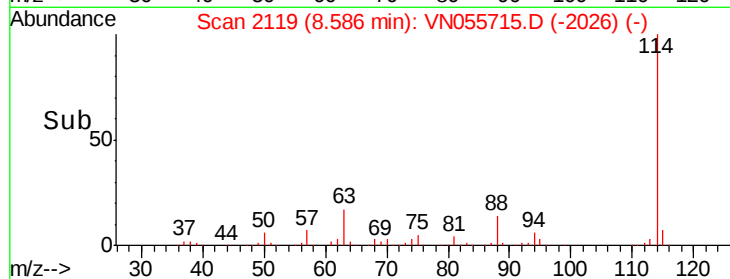
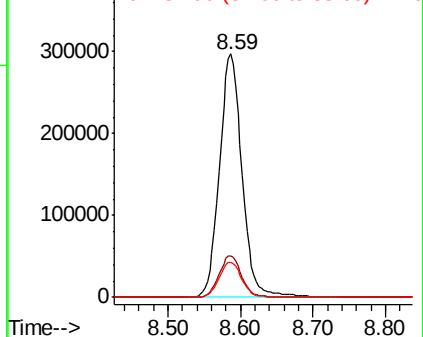
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 638835
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 38.2
 88 14.4 0.0 31.0

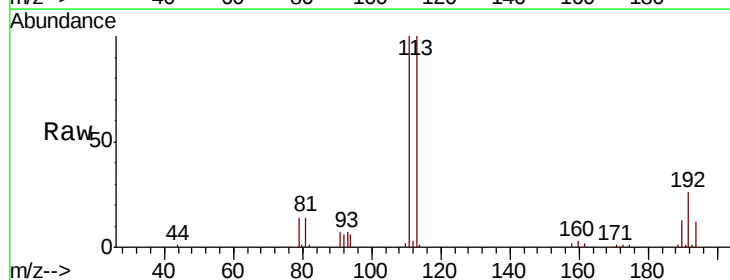


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

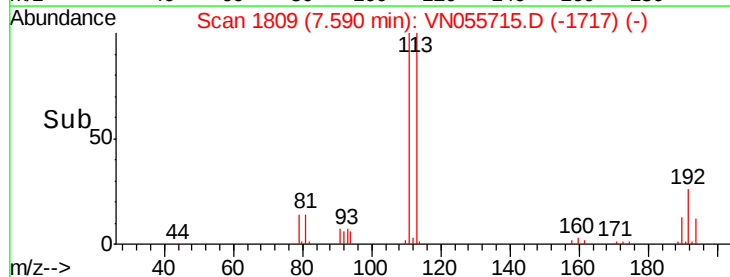
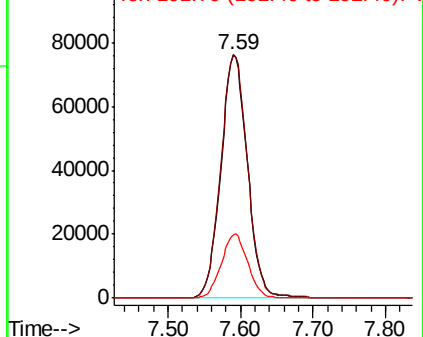


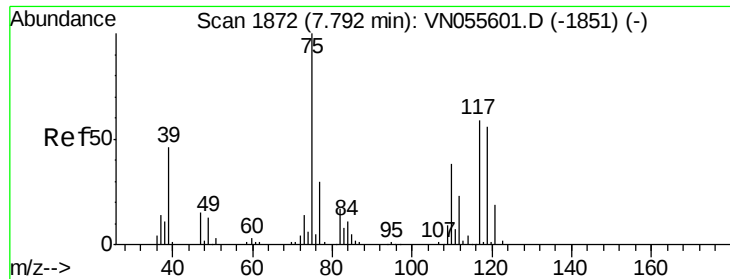
#35
 Dibromofluoromethane
 Concen: 47.589 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

Tgt Ion:113 Resp: 193124
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.5 123.7
 192 26.2 18.7 28.1



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

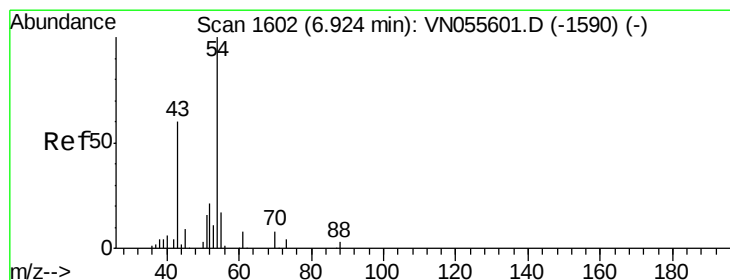
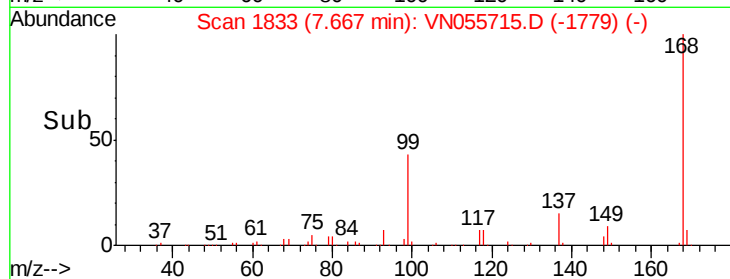
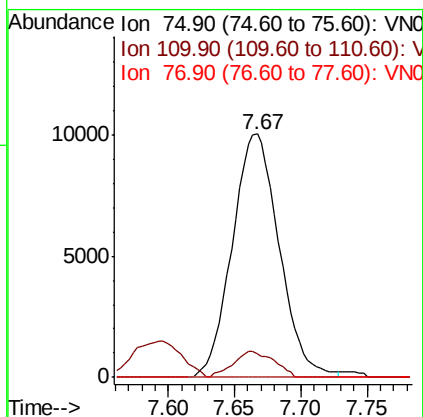
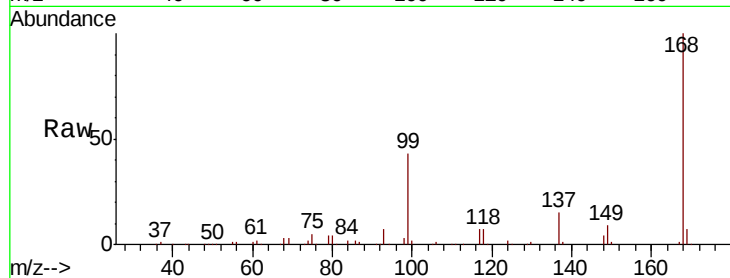




#36
 1,1-Dichloropropene
 Concen: 4.343 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

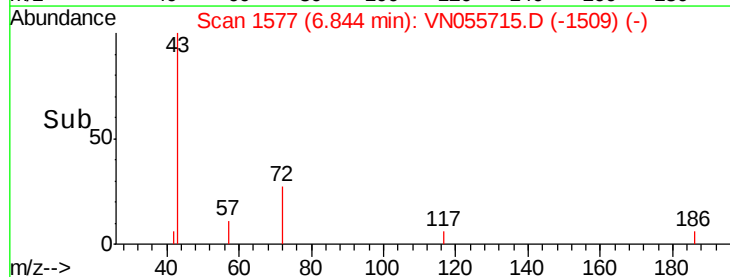
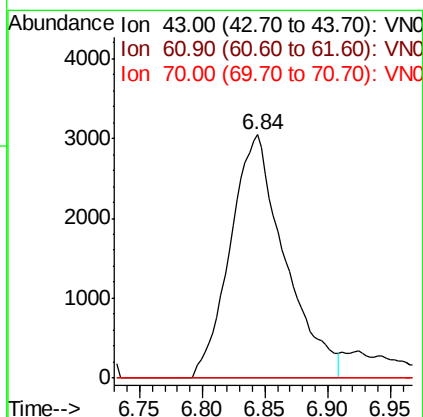
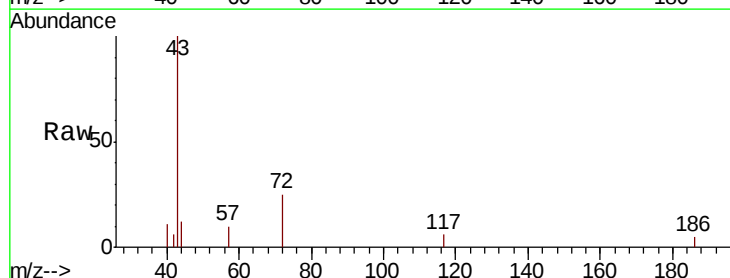
Instrument :
 MSVOA_N
 ClientSampleId :

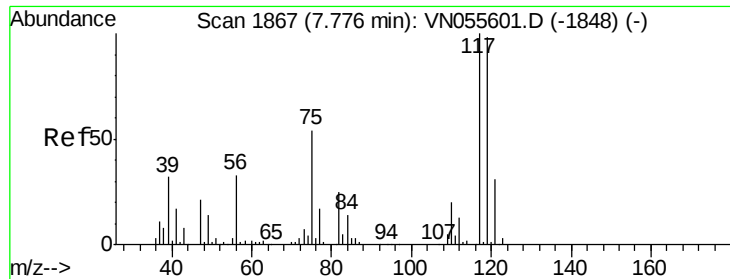
Tot Ion	75	Resp	24737
Ion Ratio	Lower	Upper	
75	100		
110	9.2	18.6	55.6#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 1.794 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.08 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

Tgt Ion	43	Resp	9221
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.4	17.0#
70	0.0	9.2	13.8#

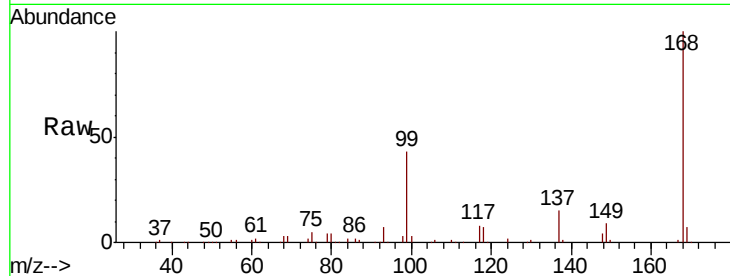




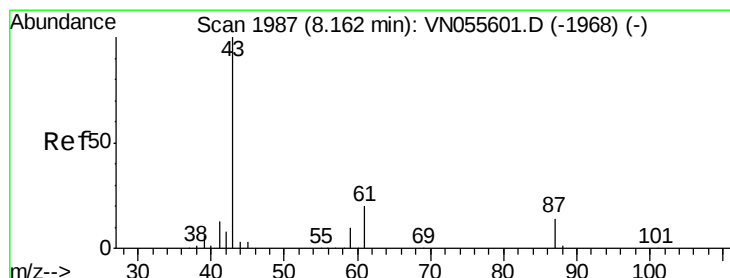
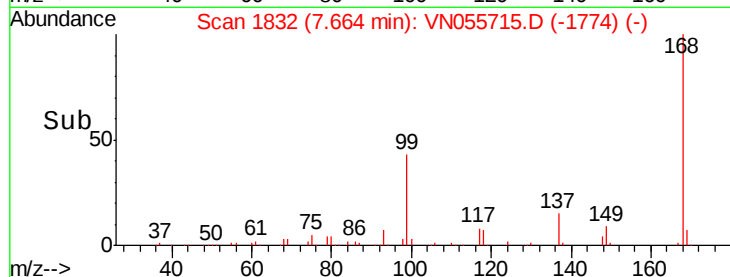
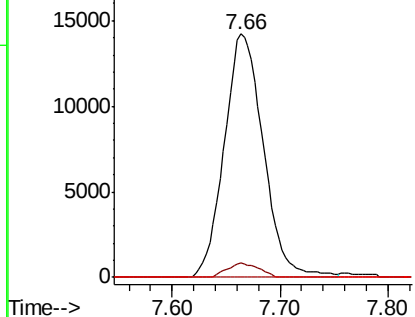
#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 35885
Ion Ratio Lower Upper
117 100
119 5.9 77.8 116.8#
121 0.0 24.6 37.0#

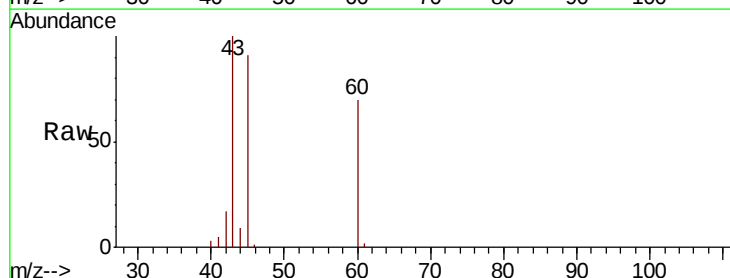


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

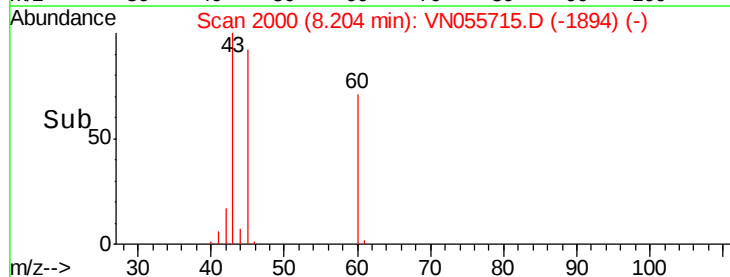
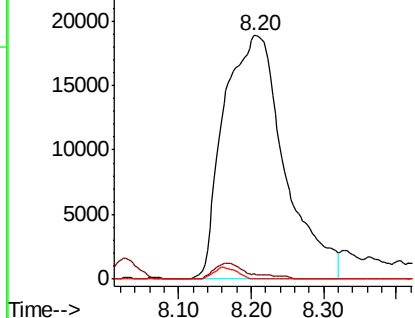


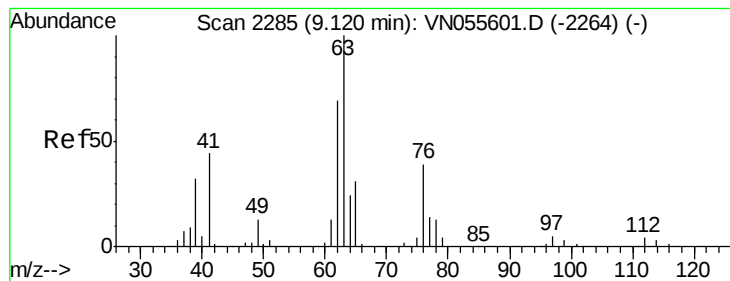
#43
Isopropyl Acetate
Concen: 12.283 ug/l
RT: 8.20 min Scan# 2000
Delta R.T. 0.04 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 109816
Ion Ratio Lower Upper
43 100
61 0.0 22.1 33.1#
87 0.0 11.8 17.6#



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





#45

1,2-Dichloropropane

Concen: 0.282 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

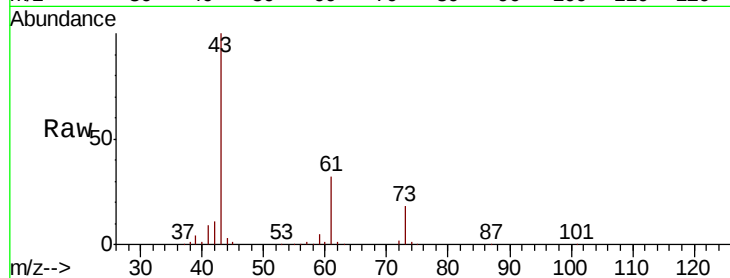
ClientSampled :

Tot Ion: 63 Resp: 1244

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.26

800

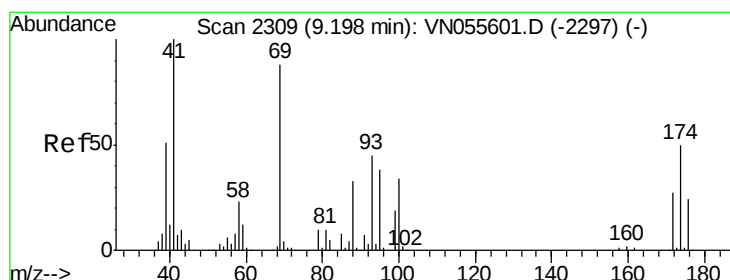
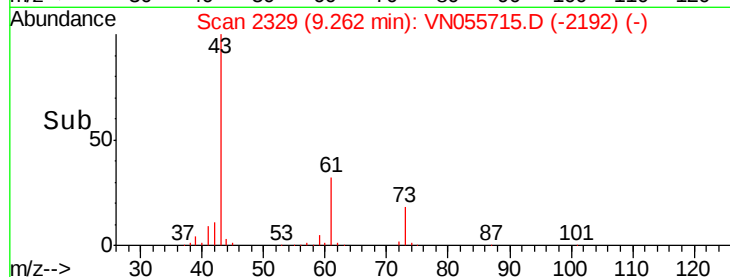
600

400

200

0

Time--> 9.22 9.24 9.26 9.28 9.30



#48

Methyl methacrylate

Concen: 1.795 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

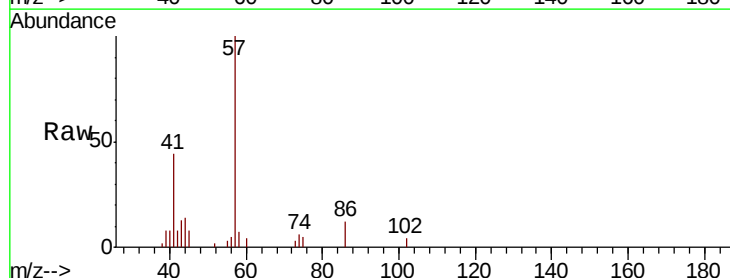
Tgt Ion: 41 Resp: 7174

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 19.4 43.8 65.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

50000

40000

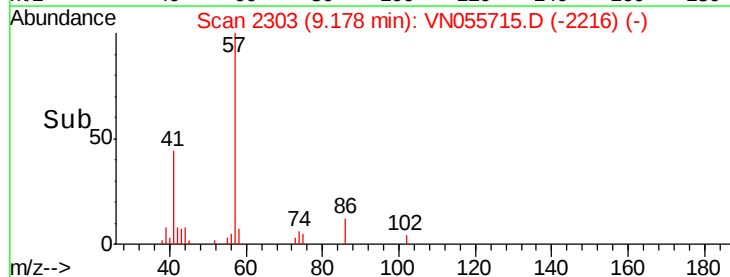
30000

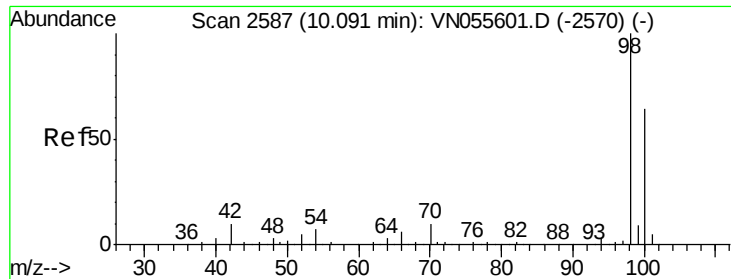
20000

10000

0

Time--> 9.10 9.15 9.20 9.25





#50

Toluene-d8

Concen: 47.727 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

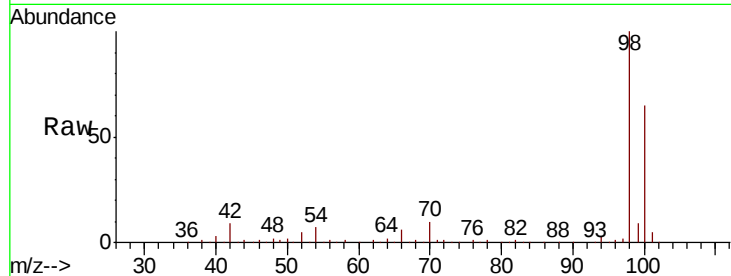
ClientSampled :

Tot Ion: 98 Resp: 732340

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

400000

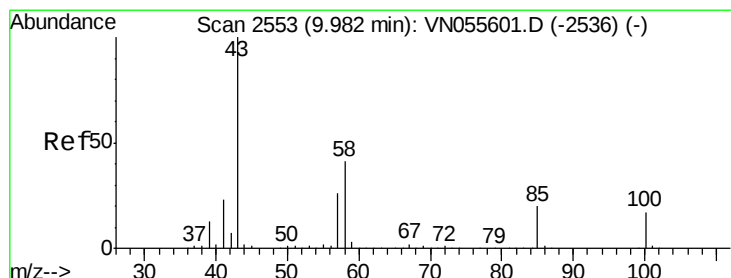
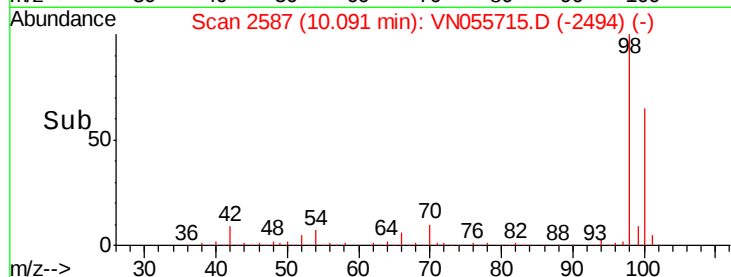
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.595 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN055715.D

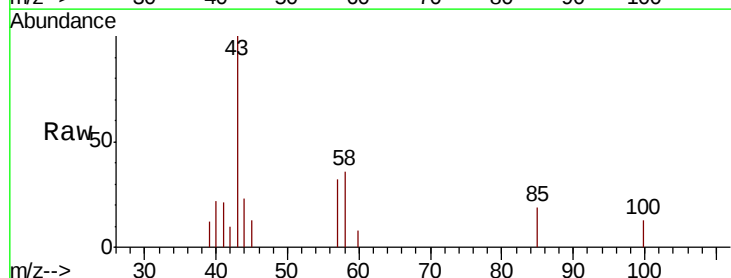
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

43 100

58 40.4 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.98

4000

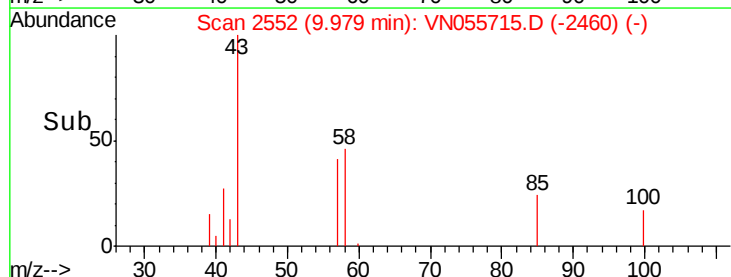
3000

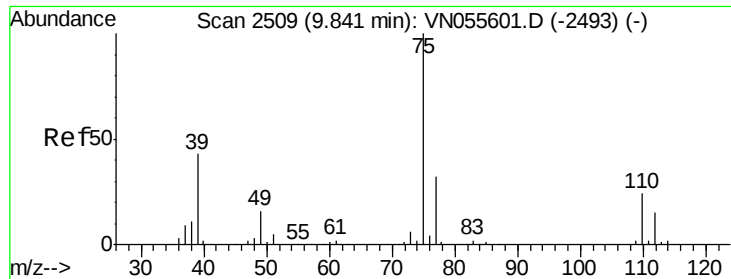
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 7.075 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampled :

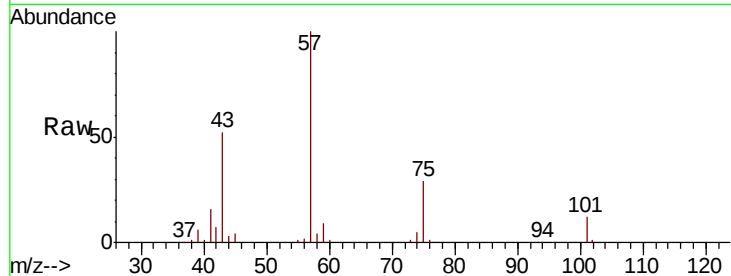
Tot Ion: 75 Resp: 50500

Ion Ratio Lower Upper

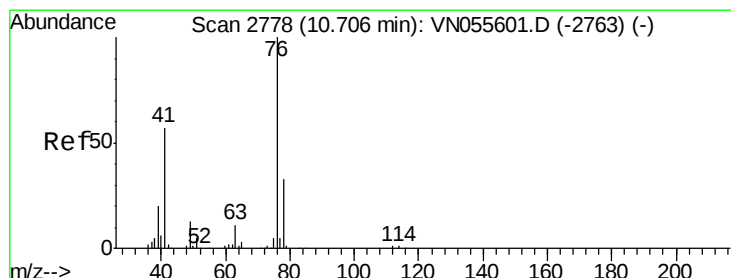
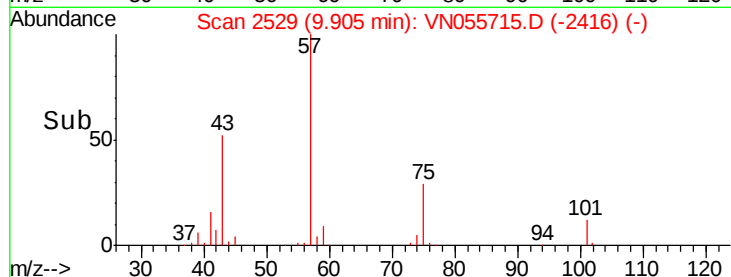
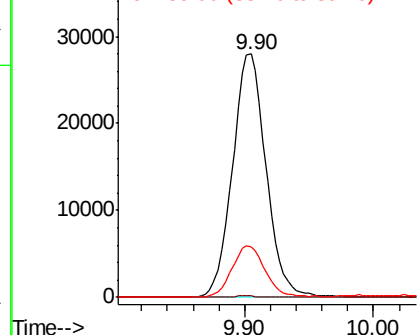
75 100

77 0.6 25.7 38.5#

39 20.9 34.7 52.1#



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



#57

1,3-Dichloropropane

Concen: 1.162 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055715.D

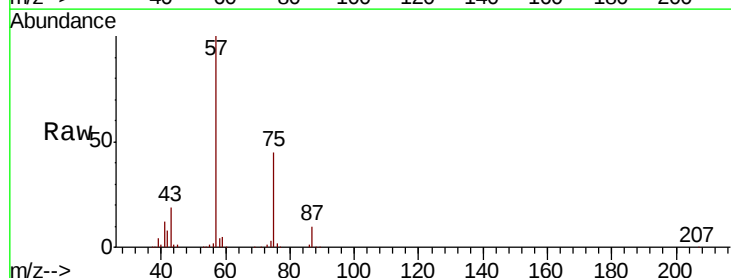
Acq: 21 May 2019 17:31

Tgt Ion: 76 Resp: 7961

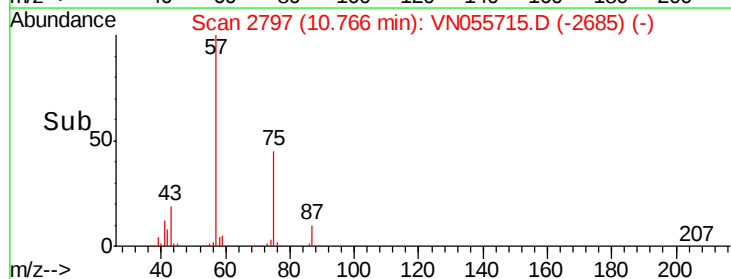
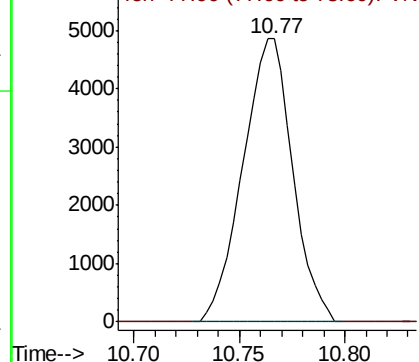
Ion Ratio Lower Upper

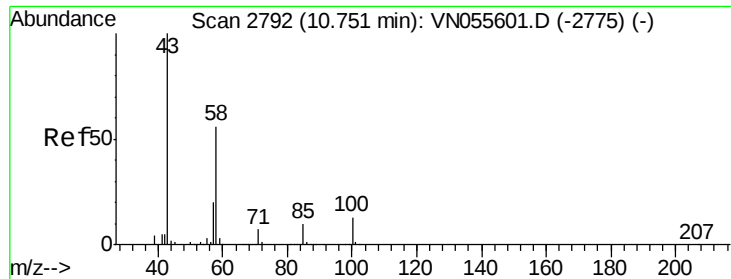
76 100

78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

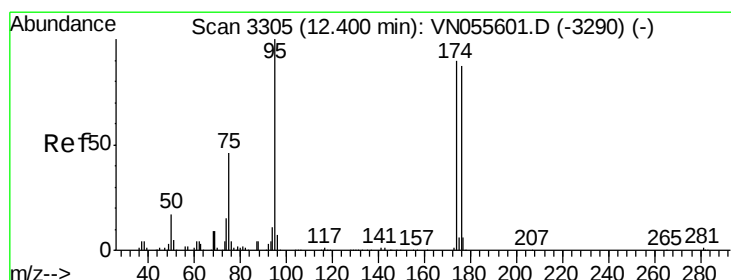
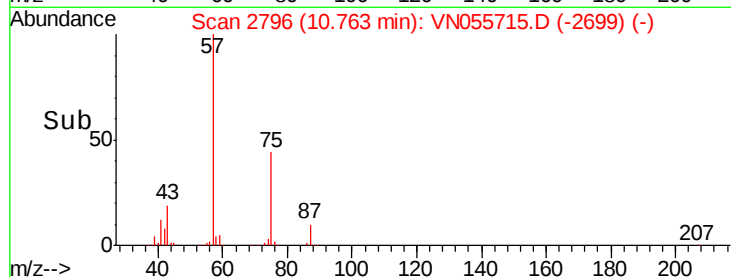
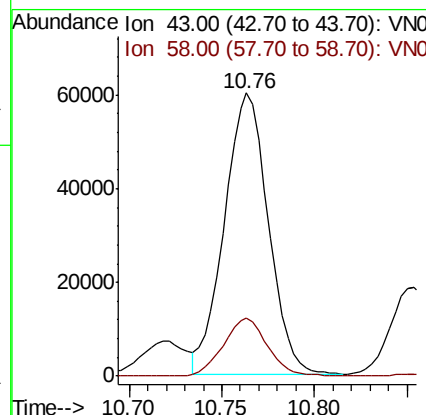
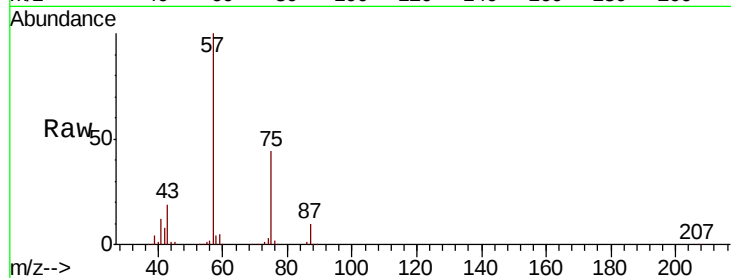




#59
2-Hexanone
Concen: 26.778 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

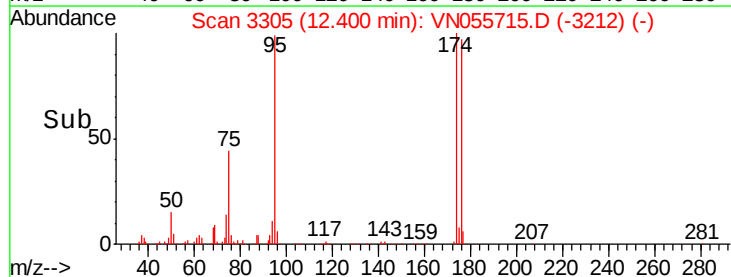
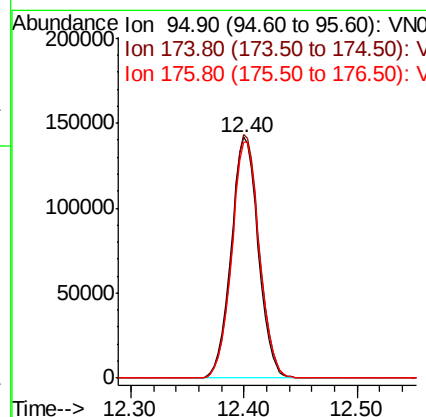
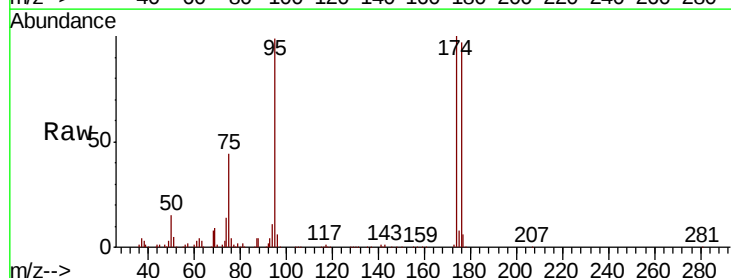
Instrument :
MSVOA_N
ClientSampleId :

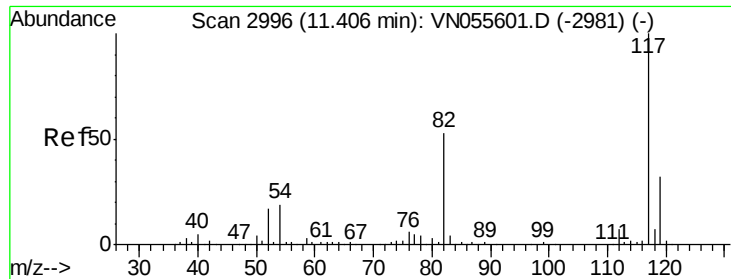
Tot Ion: 43 Resp: 98870
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 44.591 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion: 95 Resp: 236275
Ion Ratio Lower Upper
95 100
174 101.9 0.0 180.6
176 99.3 0.0 177.4

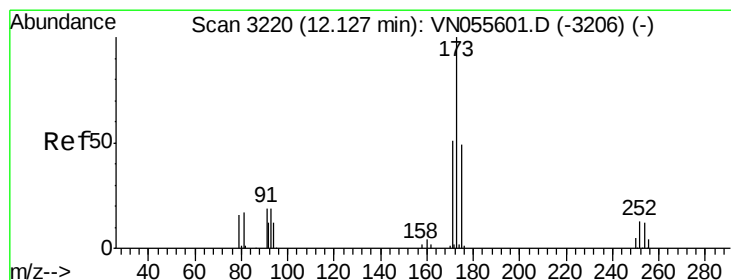
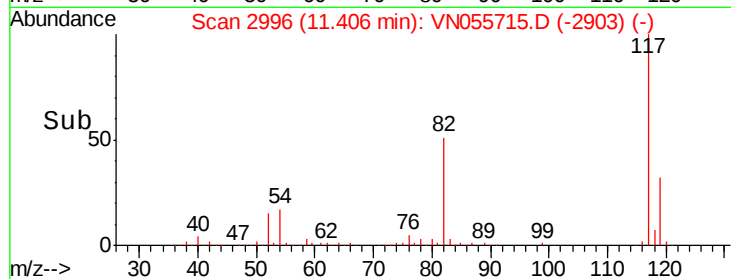
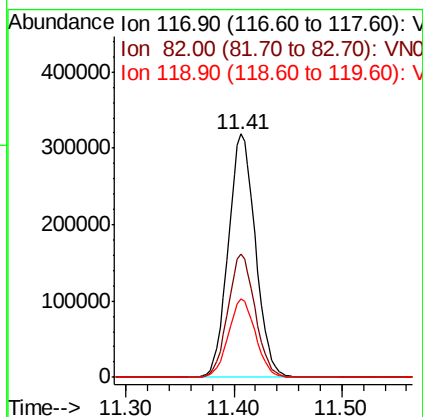
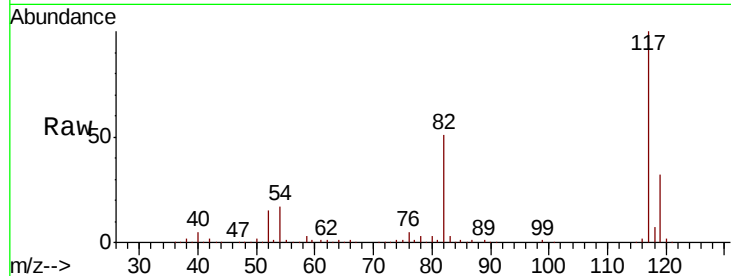




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

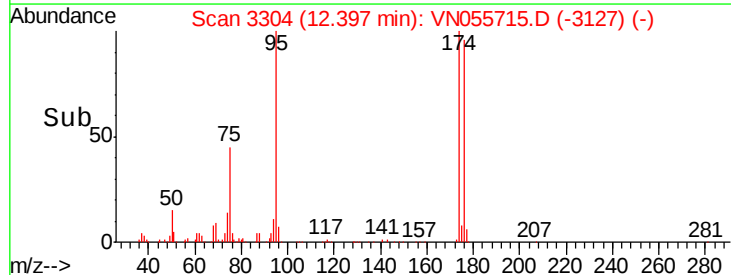
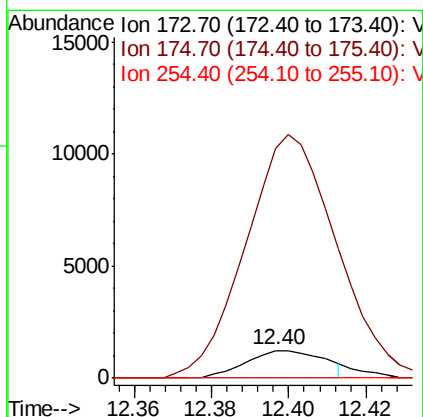
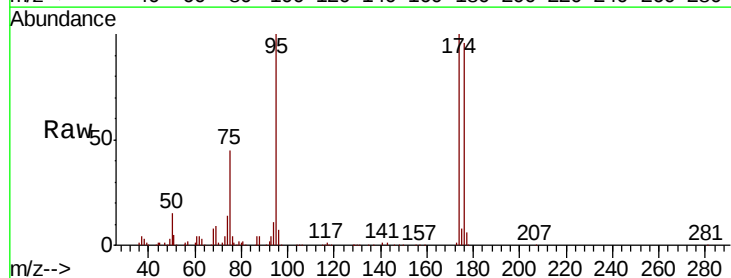
Instrument :
MSVOA_N
ClientSampleId :

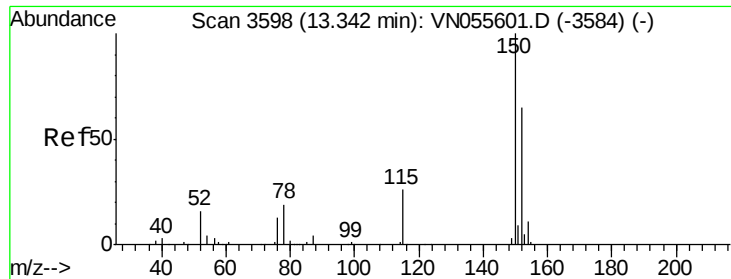
Tot Ion:117 Resp: 558845
Ion Ratio Lower Upper
117 100
82 50.7 42.3 63.5
119 32.1 25.4 38.2



#71
Bromoform
Concen: 0.447 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion:173 Resp: 1724
Ion Ratio Lower Upper
173 100
175 909.7 24.3 72.9#
254 0.0 0.1 0.1#



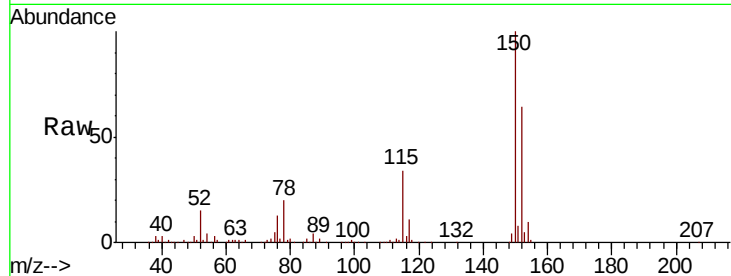


#72

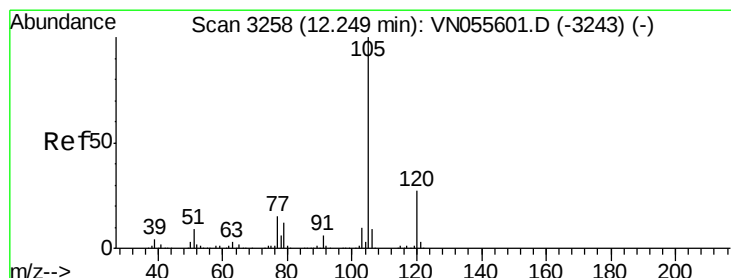
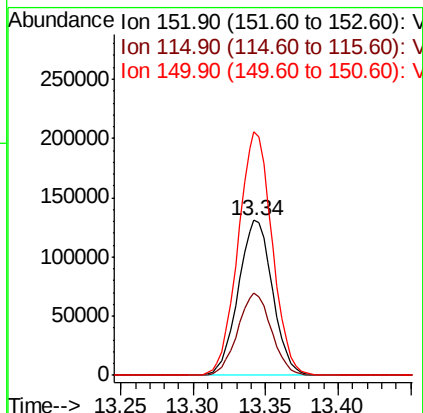
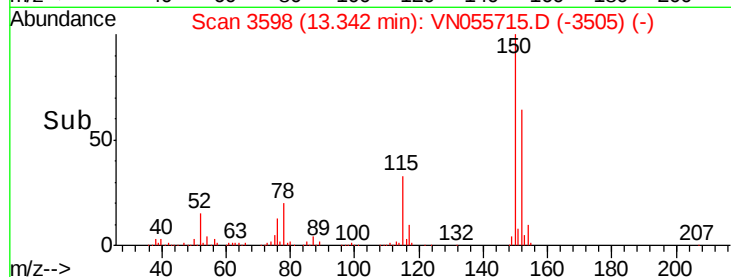
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 214792
Ion Ratio Lower Upper
152 100
115 52.2 28.1 84.2
150 155.9 0.0 348.0



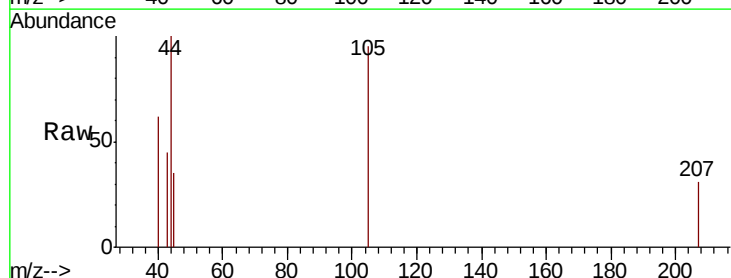
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



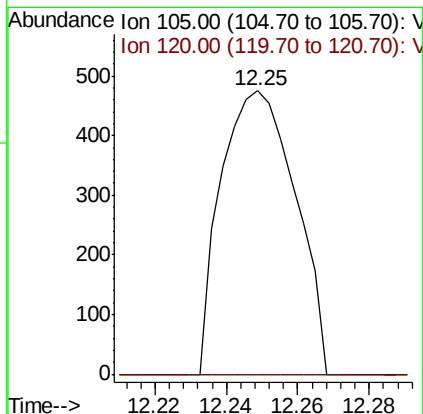
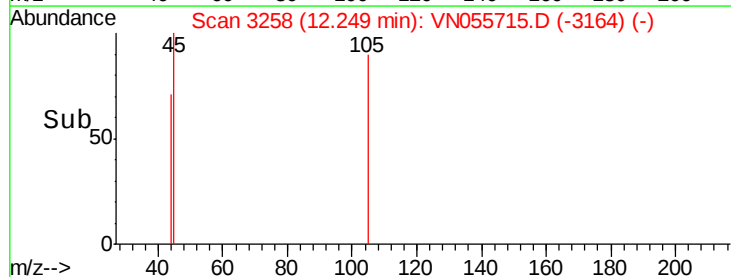
#73

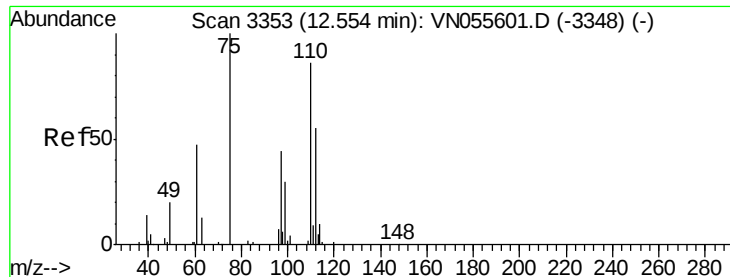
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055715.D
Acq: 21 May 2019 17:31

Tgt Ion:105 Resp: 683
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



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





#76

1,2,3-Trichloropropane

Concen: 24.096 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

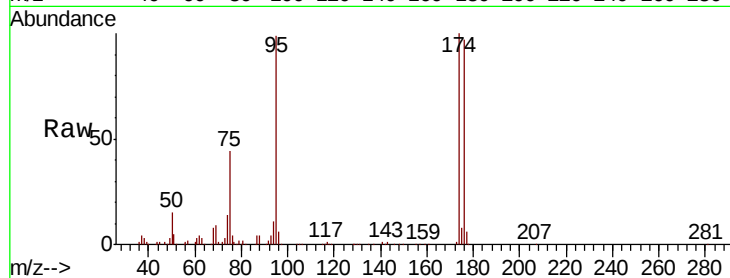
ClientSampleId :

Tot Ion: 75 Resp: 105609

Ion Ratio Lower Upper

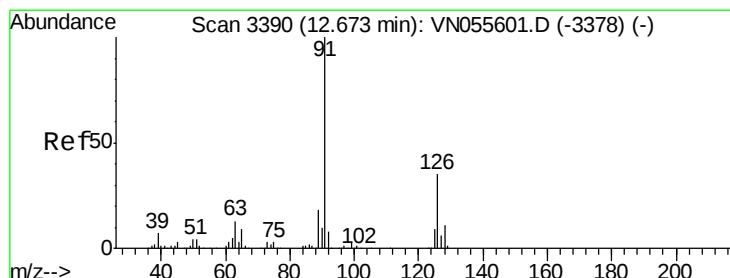
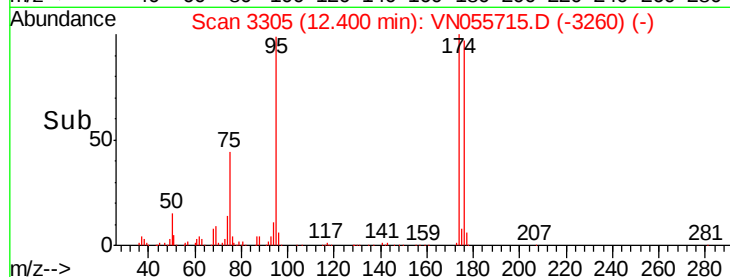
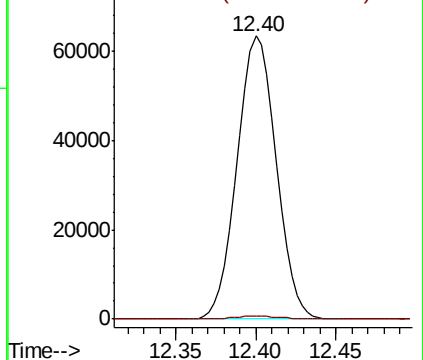
75 100

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# 3386

Delta R.T. -0.01 min

Lab File: VN055715.D

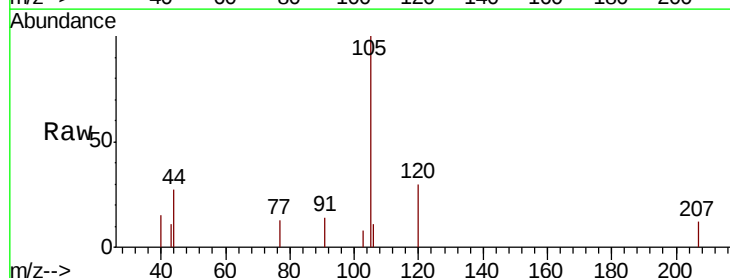
Acq: 21 May 2019 17:31

Tgt Ion: 91 Resp: 538

Ion Ratio Lower Upper

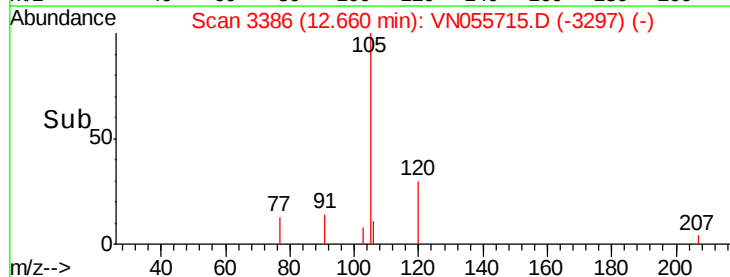
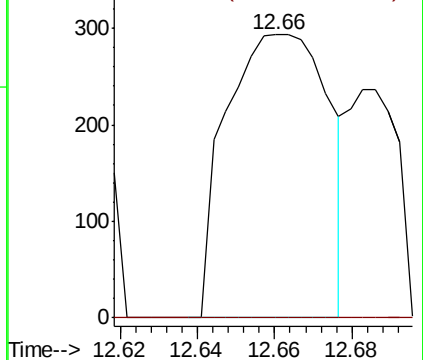
91 100

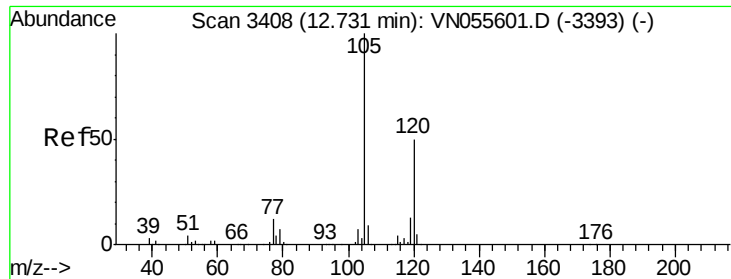
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

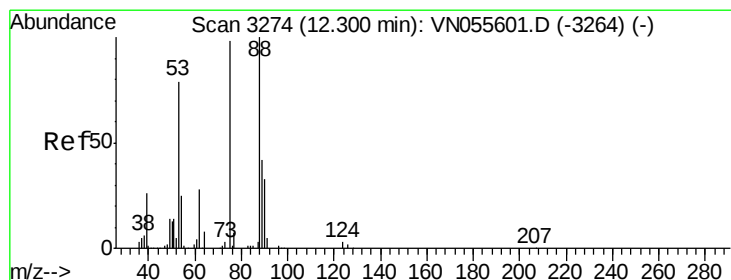
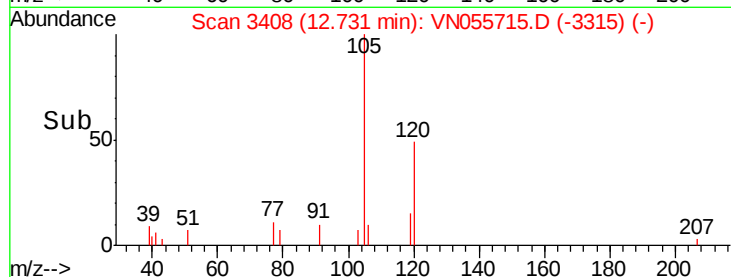
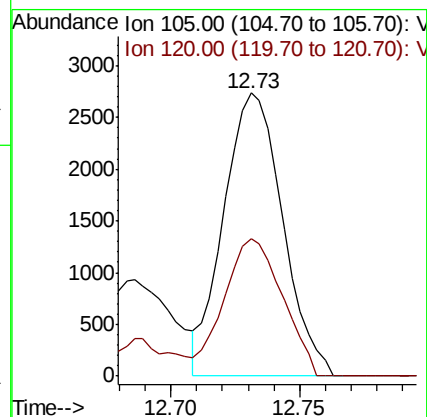
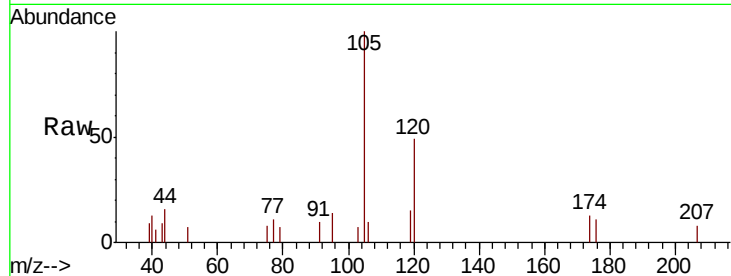
ClientSampleId :

Tot Ion:105 Resp: 4339

Ion Ratio Lower Upper

105 100

120 48.2 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 61.940 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

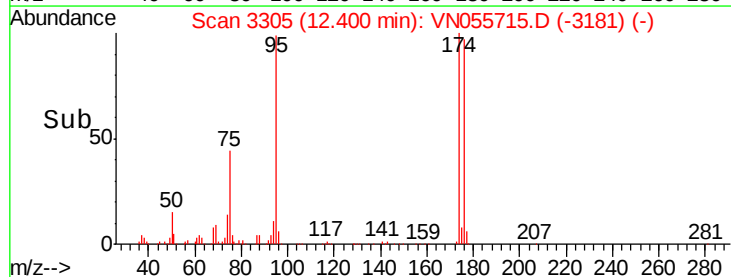
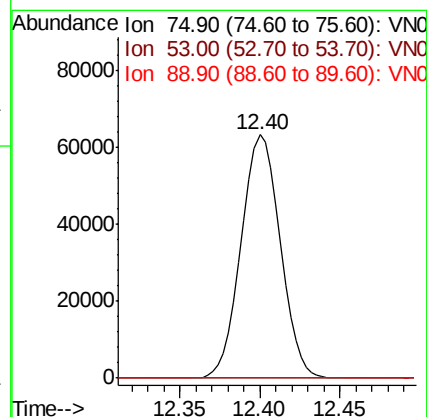
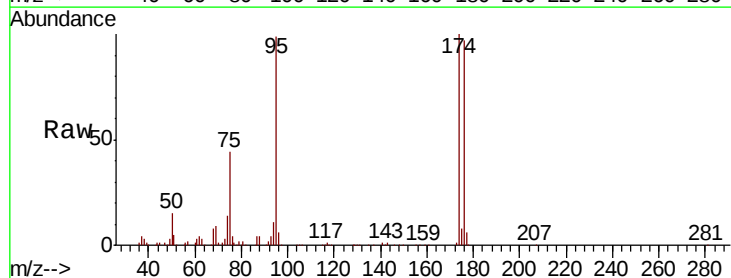
Tgt Ion: 75 Resp: 105609

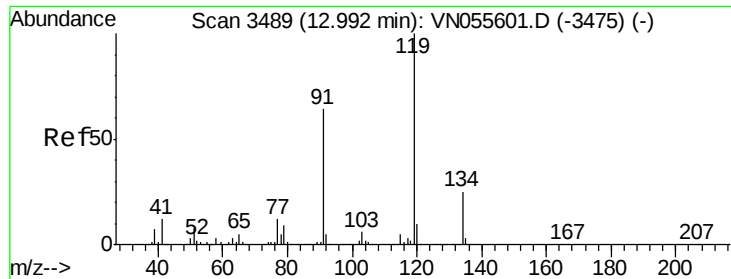
Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 36.4 54.6#

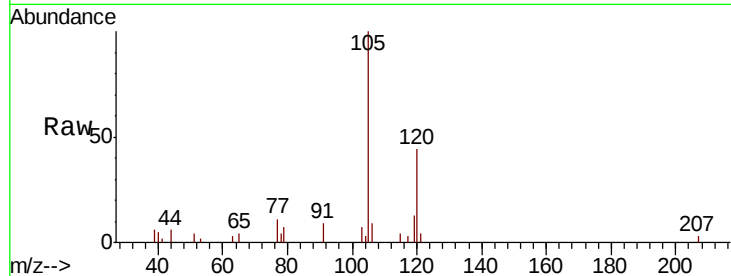




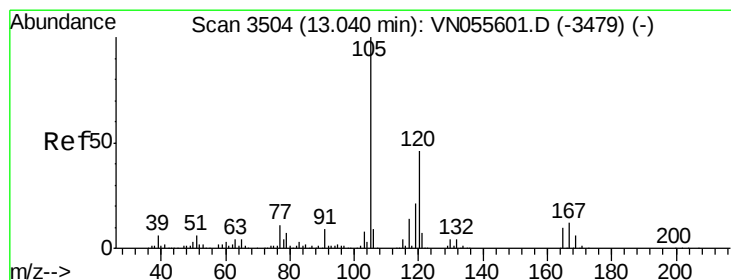
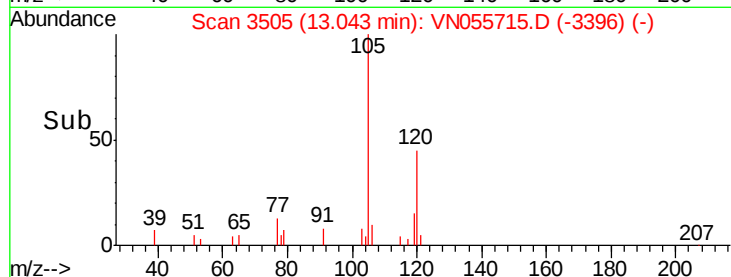
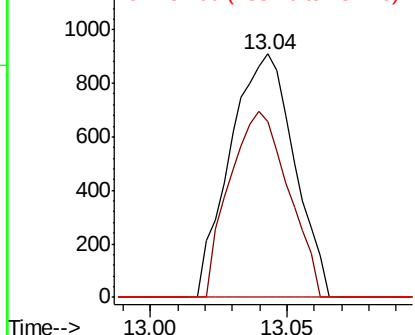
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 1479
 Ion Ratio Lower Upper
 119 100
 91 70.5 31.3 93.8
 134 0.0 13.2 39.6#

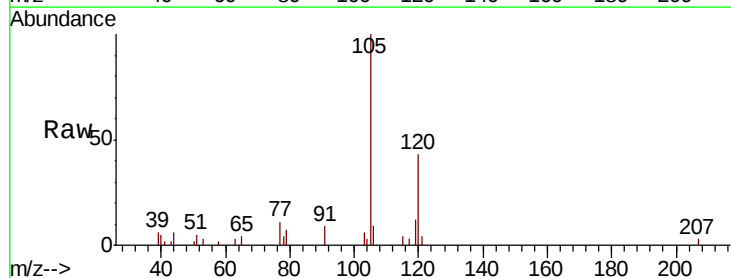


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

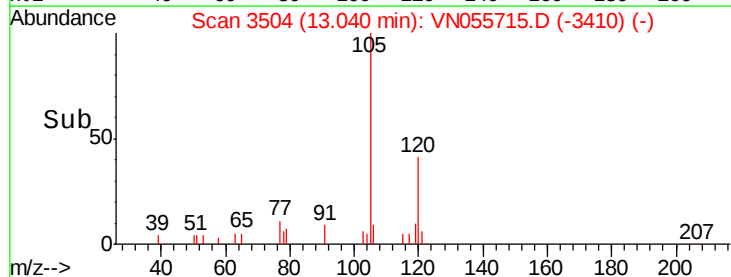
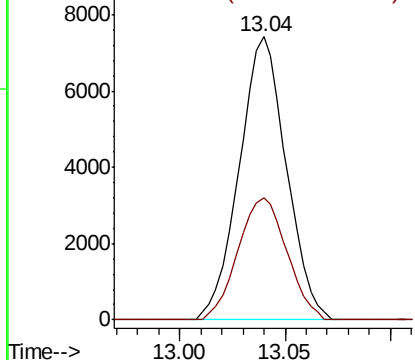


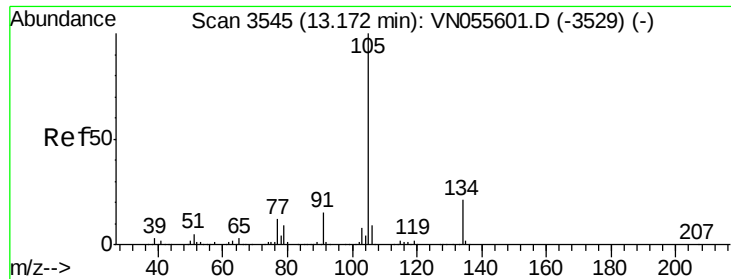
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055715.D
 Acq: 21 May 2019 17:31

Tgt Ion:105 Resp: 11482
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2



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





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

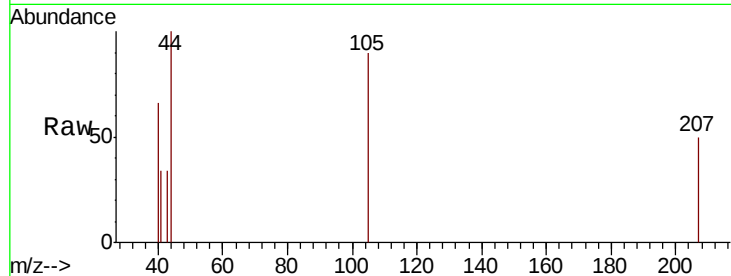
ClientSampled :

Tot Ion:105 Resp: 669

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

500

400

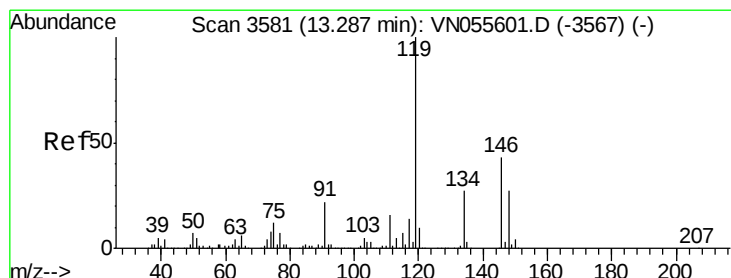
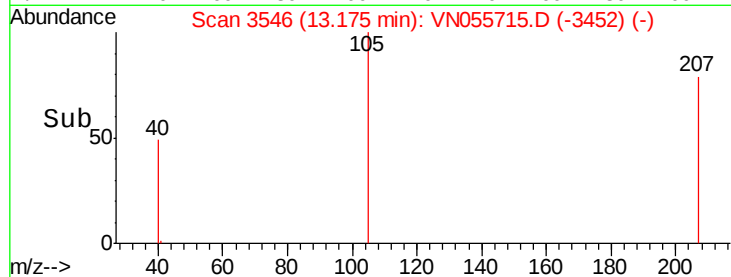
300

200

100

0

Time-->



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

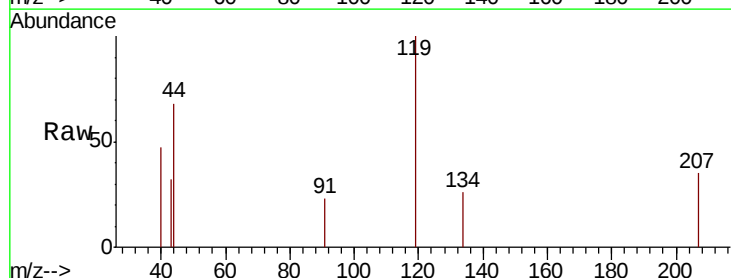
Tgt Ion:119 Resp: 1049

Ion Ratio Lower Upper

119 100

134 15.8 13.4 40.2

91 9.0 11.0 33.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

1000

800

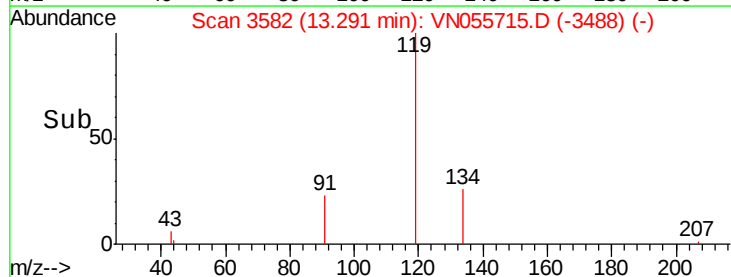
600

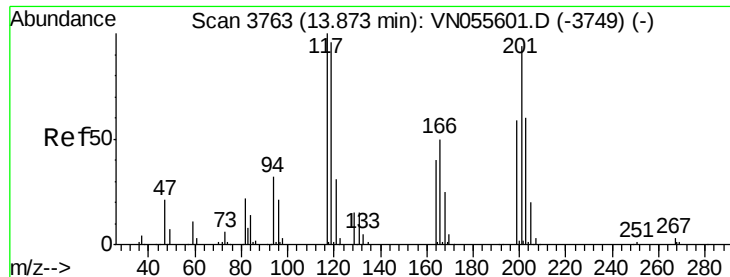
400

200

0

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_N

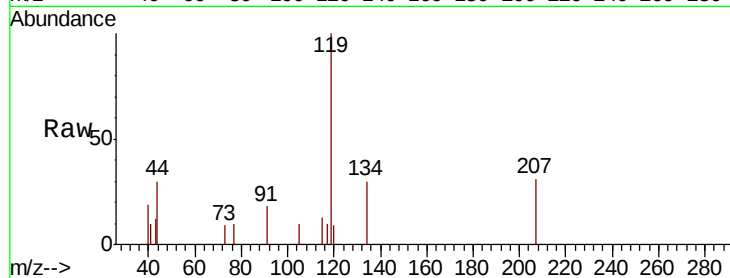
ClientSampleId :

Tot Ion:117 Resp: 97

Ion Ratio Lower Upper

117 100

201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

150

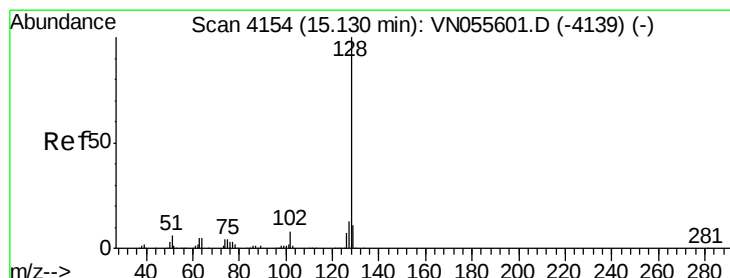
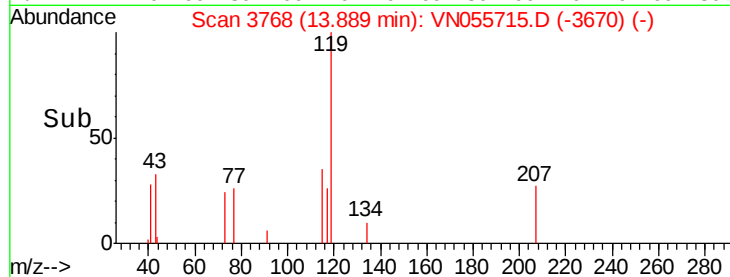
100

50

0

13.88 13.89 13.90

Time-->



#95

Naphthalene

Concen: 2.474 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055715.D

Acq: 21 May 2019 17:31

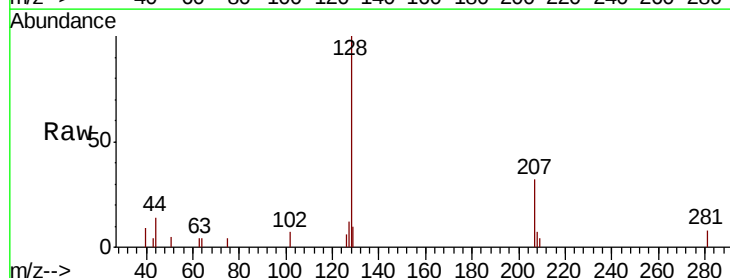
Tgt Ion:128 Resp: 8220

Ion Ratio Lower Upper

128 100

127 10.6 10.2 15.4

129 8.1 8.6 12.8#



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

6000

5000

4000

3000

2000

1000

0

15.10 15.14 15.20

Time-->

