

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055203.D
 Acq On : 23 Apr 2019 13:56
 Operator : JC/SP
 Sample : K2532-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Apr 24 02:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	250429	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	206615	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	764386	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	235514	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

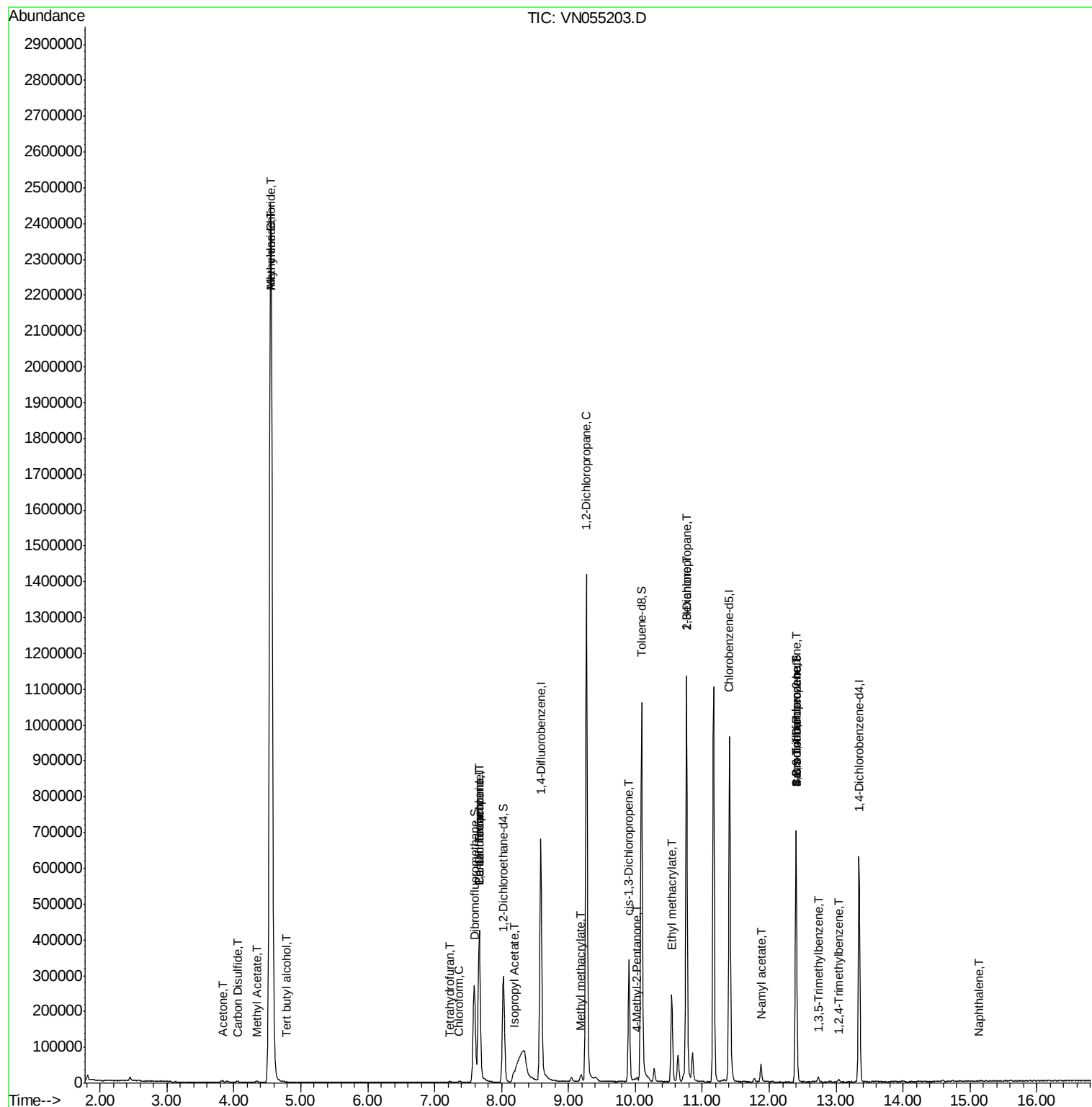
Target Compounds						Qvalue
11) Tert butyl alcohol	4.79	59	59	0.205	ug/l #	71
14) Allyl chloride	4.55	41	82479	11.111	ug/l #	26
16) Acetone	3.83	43	8139	4.984	ug/l	91
17) Carbon Disulfide	4.05	76	5432	0.517	ug/l	100
18) Methyl Acetate	4.34	43	7329	0.983	ug/l #	57
20) Methylene Chloride	4.55	84	1748287	372.375	ug/l	99
29) Tetrahydrofuran	7.22	42	1472	1.135	ug/l #	83
30) Chloroform	7.37	83	3516	0.464	ug/l	94
31) Cyclohexane	7.67	56	7662	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	27866	4.736	ug/l #	51
38) Carbon Tetrachloride	7.67	117	34600	6.279	ug/l #	16
43) Isopropyl Acetate	8.18	43	20772	2.701	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	1675	0.327	ug/l #	45
48) Methyl methacrylate	9.18	41	8887	2.382	ug/l #	15
51) 4-Methyl-2-Pentanone	10.02	43	10018	2.264	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	57396	8.577	ug/l #	65
56) Ethyl methacrylate	10.54	69	1061	0.217	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10764	1.576	ug/l #	43
59) 2-Hexanone	10.76	43	181298	64.862	ug/l #	55
71) Bromoform	12.40	173	2380	0.925	ug/l #	1
73) Isopropylbenzene	12.25	105	177	Below Cal	#	49
74) N-amyl acetate	11.88	43	16692	3.807	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.75	83	76	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	123533	35.807	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6676	0.524	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	123533	135.739	ug/l #	5
83) tert-Butylbenzene	13.04	119	478	Below Cal	#	66
84) 1,2,4-Trimethylbenzene	13.04	105	4825	0.402	ug/l	95
95) Naphthalene	15.13	128	2001	3.732	ug/l #	74

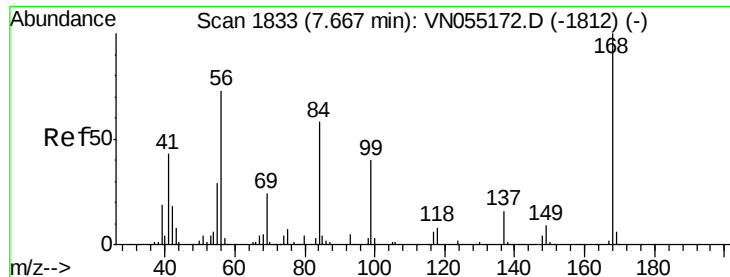
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055203.D

Acq: 23 Apr 2019 13:56

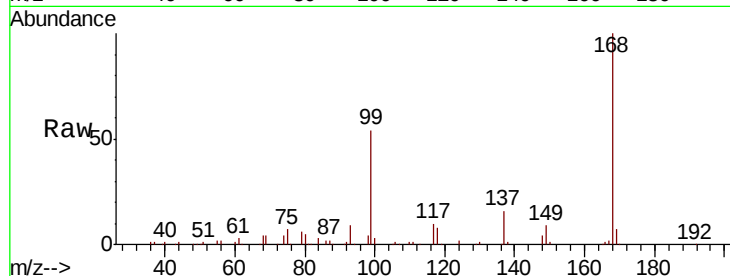
Instrument :
MSVOA_N
ClientSampled :
TP-5

Tgt Ion:168 Resp: 364984

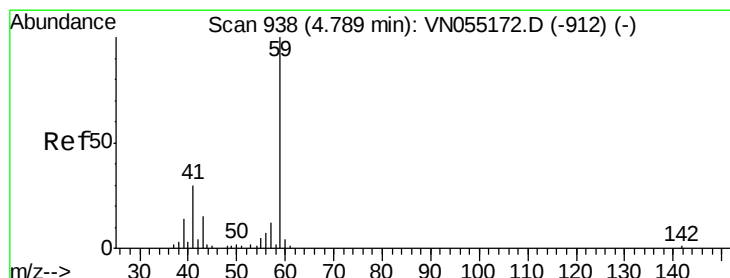
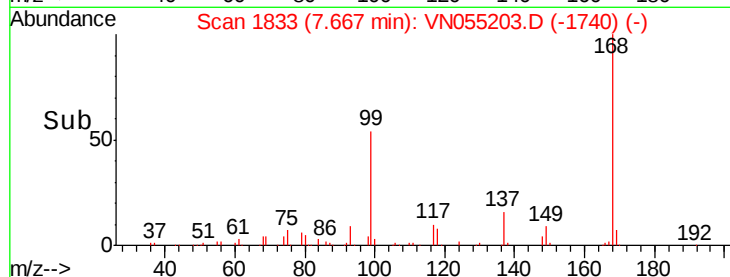
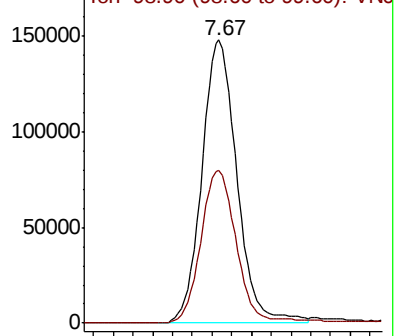
Ion Ratio Lower Upper

168 100

99 53.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055203.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 0.205 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN055203.D

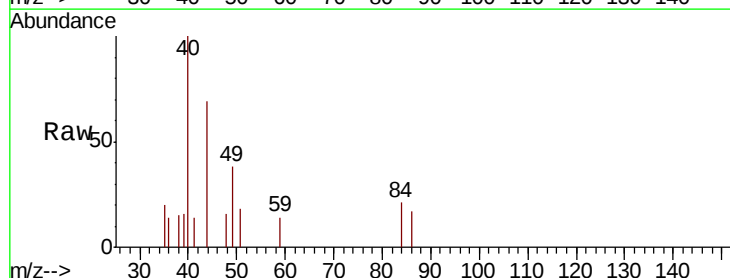
Acq: 23 Apr 2019 13:56

Tgt Ion: 59 Resp: 59

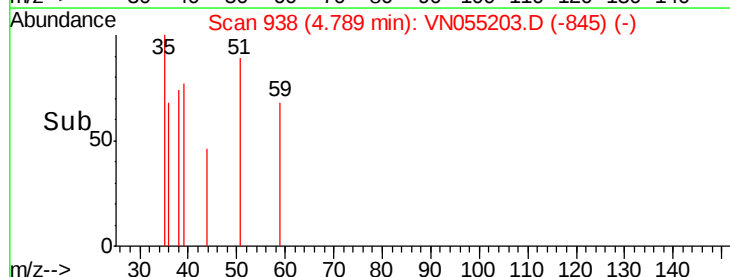
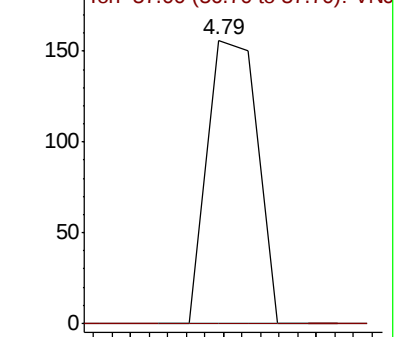
Ion Ratio Lower Upper

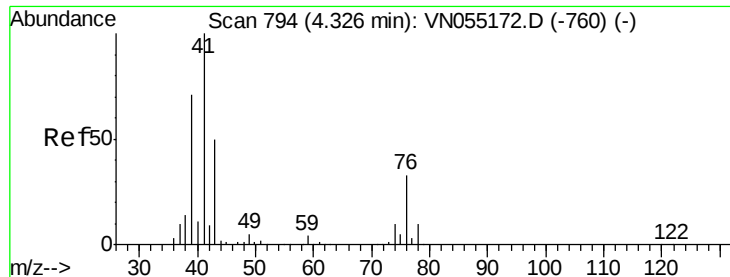
59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055203.D (-845) (-)





#14

Allyl chloride

Concen: 11.111 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

TP-5

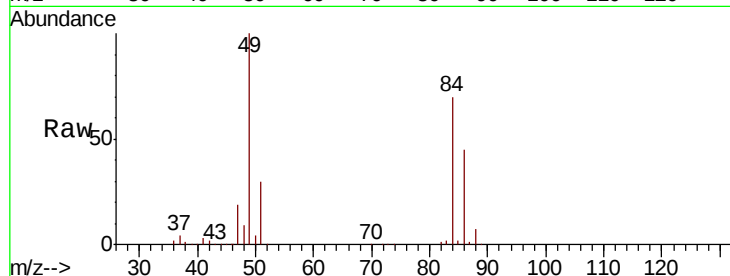
Tgt Ion: 41 Resp: 82479

Ion Ratio Lower Upper

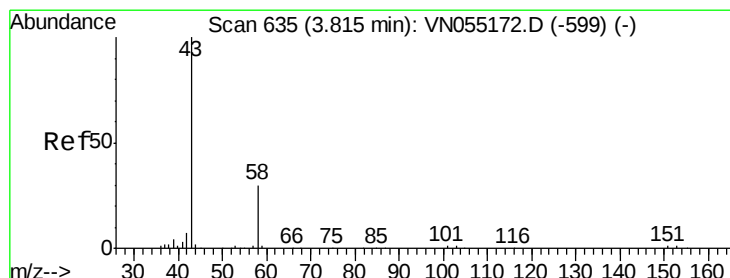
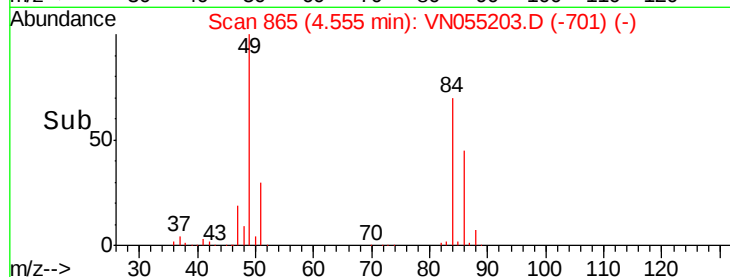
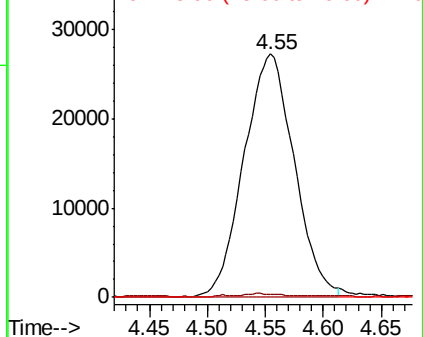
41 100

39 0.8 52.9 79.3#

76 0.0 23.6 35.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 4.984 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055203.D

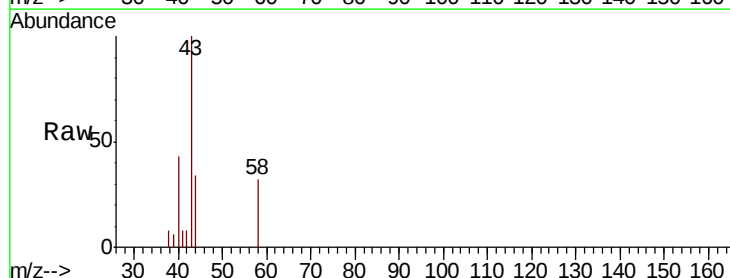
Acq: 23 Apr 2019 13:56

Tgt Ion: 43 Resp: 8139

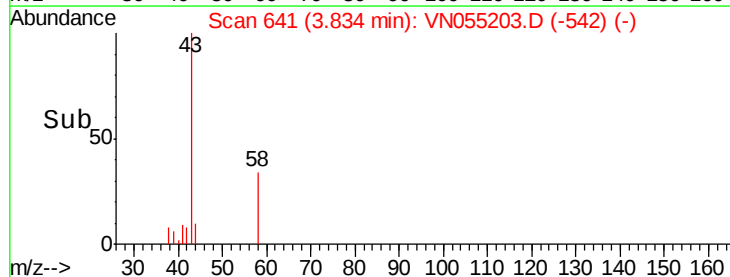
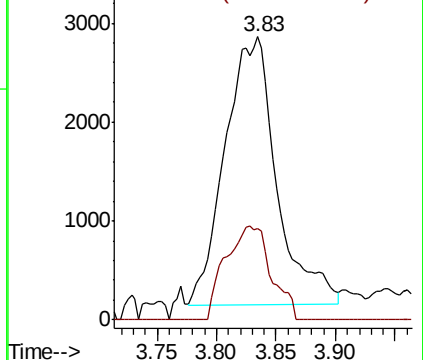
Ion Ratio Lower Upper

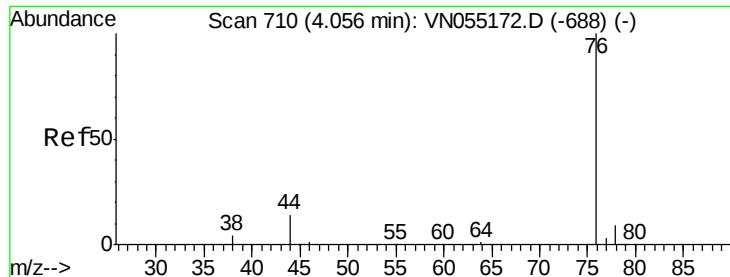
43 100

58 34.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

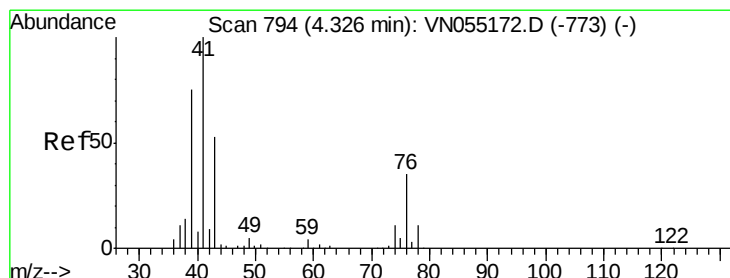
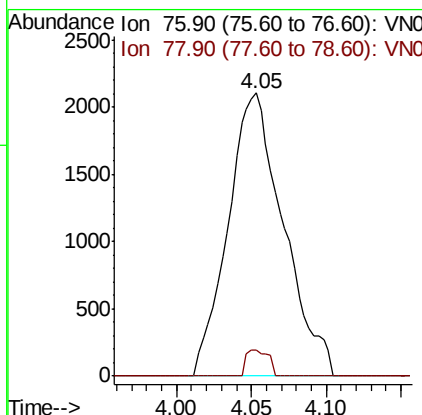
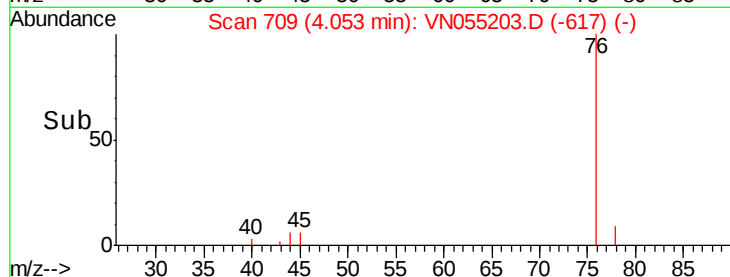
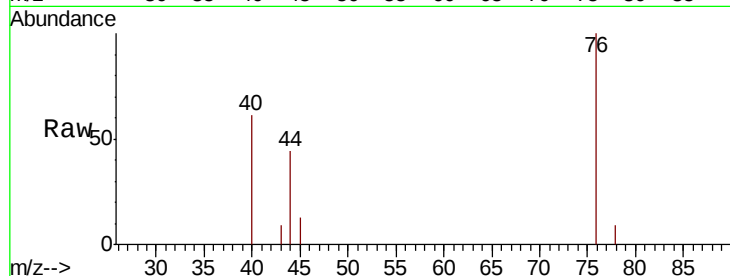




#17
Carbon Disulfide
Concen: 0.517 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055203.D
Acq: 23 Apr 2019 13:56

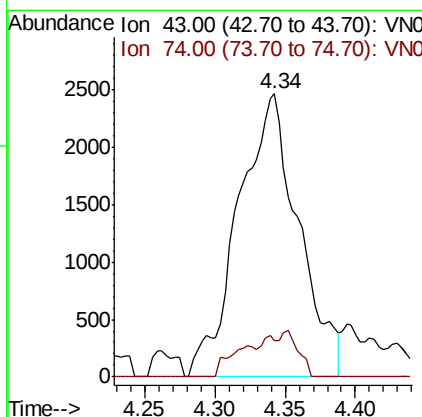
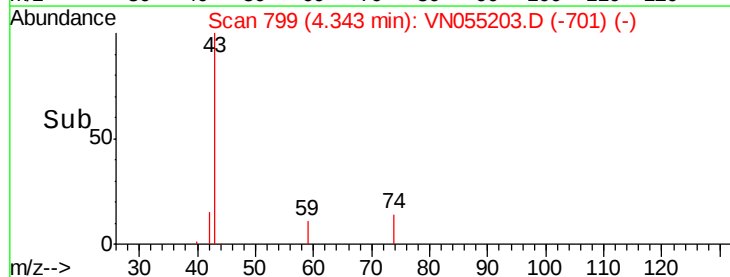
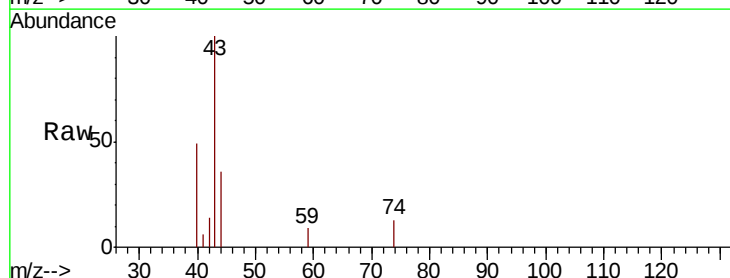
Instrument :
MSVOA_N
ClientSampled :
TP-5

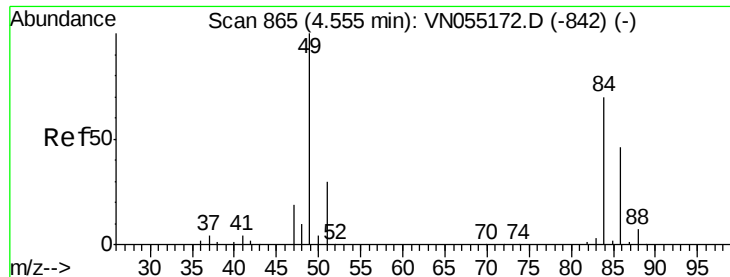
Tgt Ion: 76 Resp: 5432
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 0.983 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055203.D
Acq: 23 Apr 2019 13:56

Tgt Ion: 43 Resp: 7329
Ion Ratio Lower Upper
43 100
74 0.9 16.7 25.1#



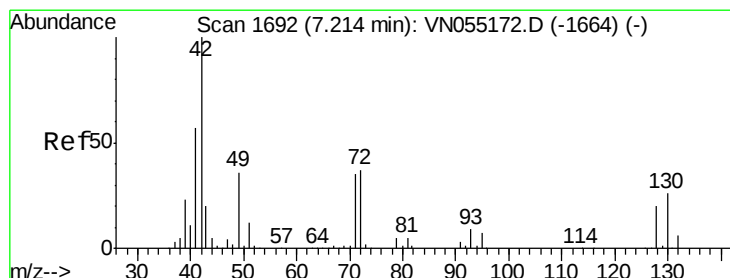
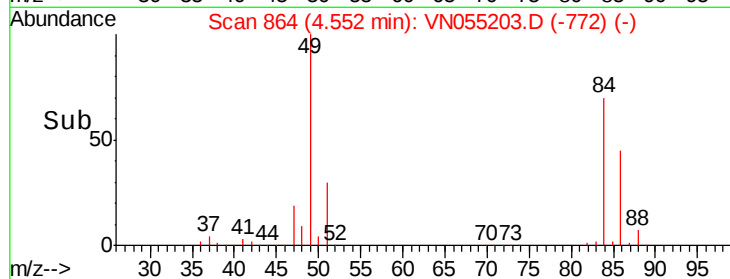
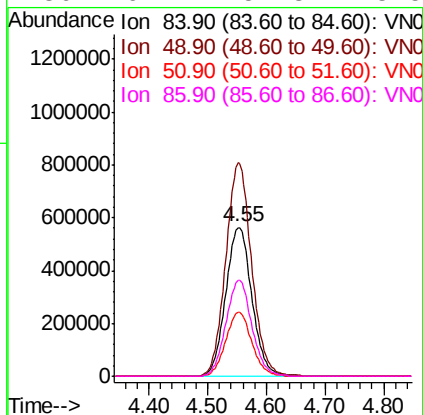
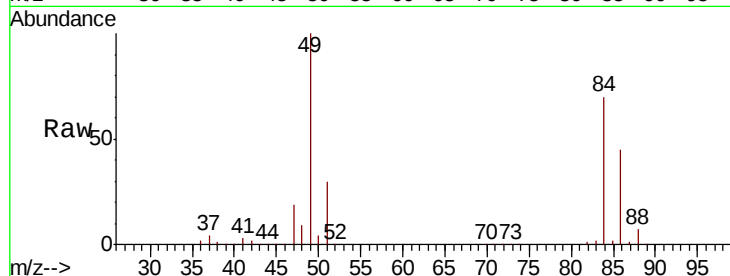


#20
Methylene Chloride
Concen: 372.375 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055203.D
Acq: 23 Apr 2019 13:56

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tgt Ion: 84 Resp: 1748287

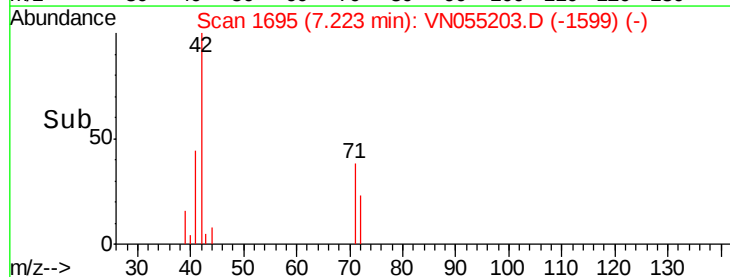
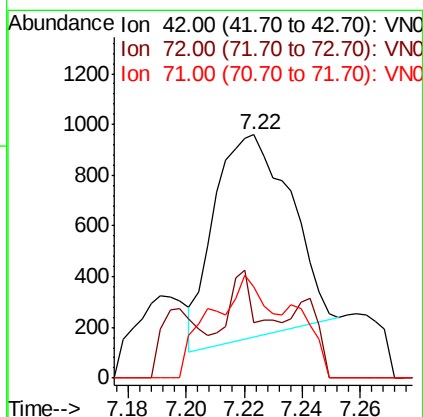
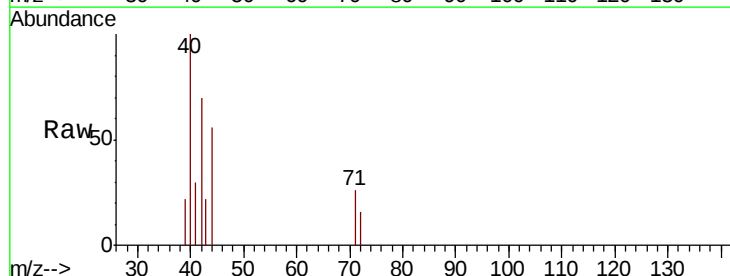
Ion	Ratio	Lower	Upper
84	100		
49	143.2	113.8	170.6
51	43.0	34.0	51.0
86	64.1	52.3	78.5

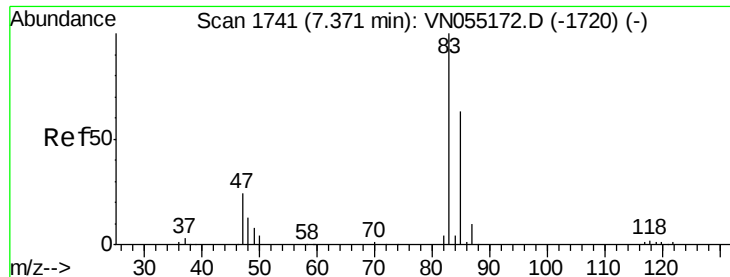


#29
Tetrahydrofuran
Concen: 1.135 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055203.D
Acq: 23 Apr 2019 13:56

Tgt Ion: 42 Resp: 1472

Ion	Ratio	Lower	Upper
42	100		
72	21.7	29.4	44.2#
71	39.9	27.8	41.8





#30

Chloroform

Concen: 0.464 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

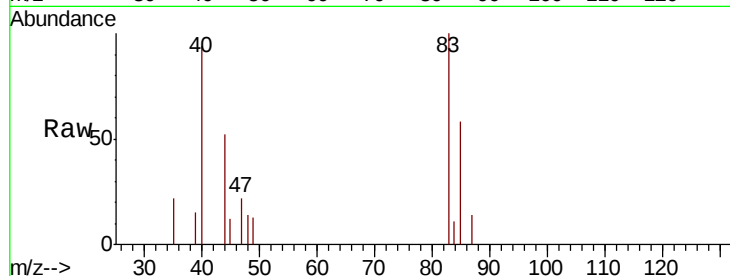
TP-5

Tgt Ion: 83 Resp: 3516

Ion Ratio Lower Upper

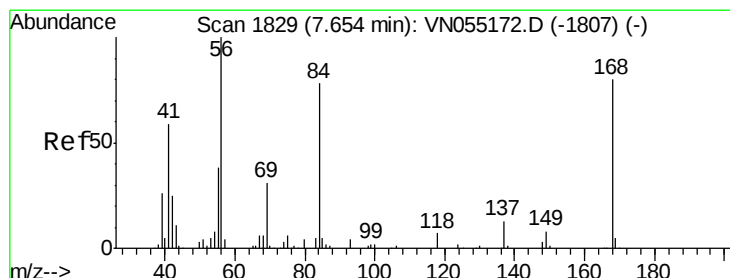
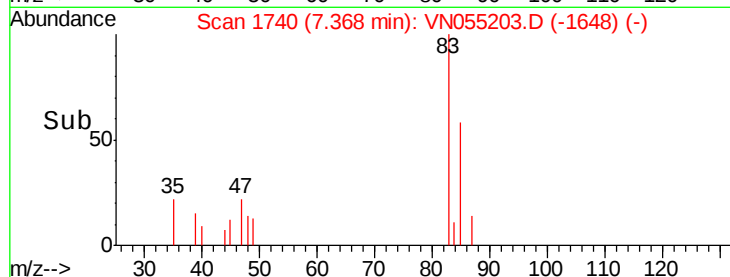
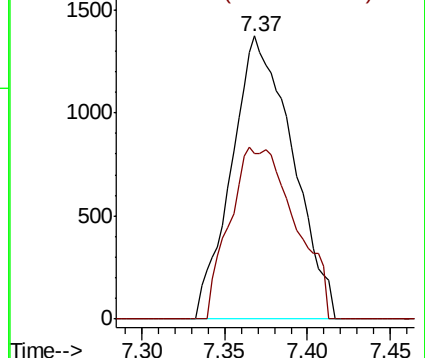
83 100

85 58.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

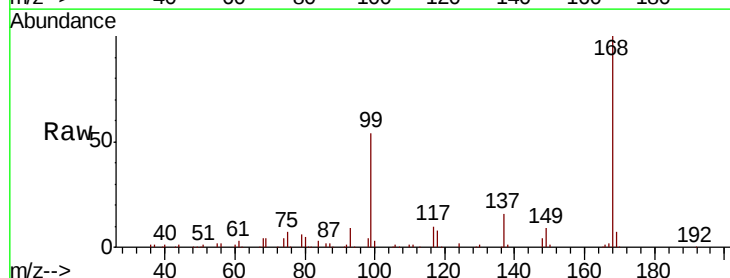
Tgt Ion: 56 Resp: 7662

Ion Ratio Lower Upper

56 100

69 182.0 24.6 37.0#

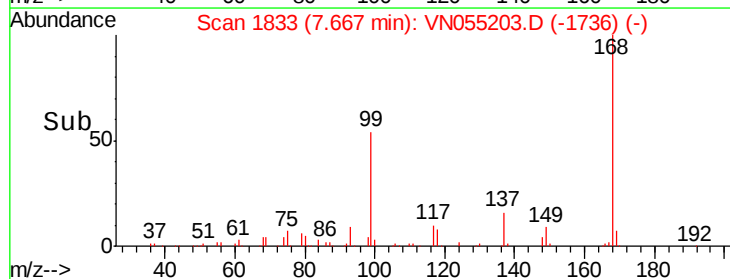
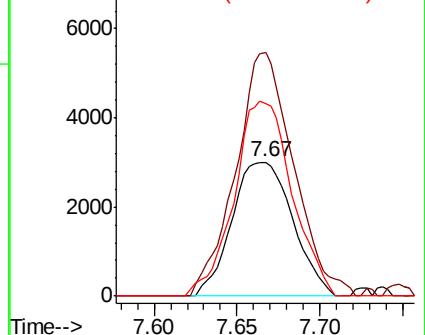
84 144.2 61.4 92.2#

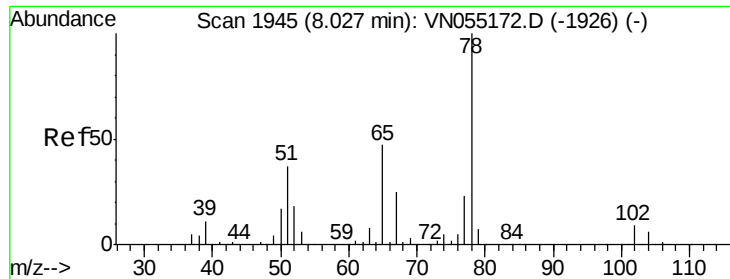


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

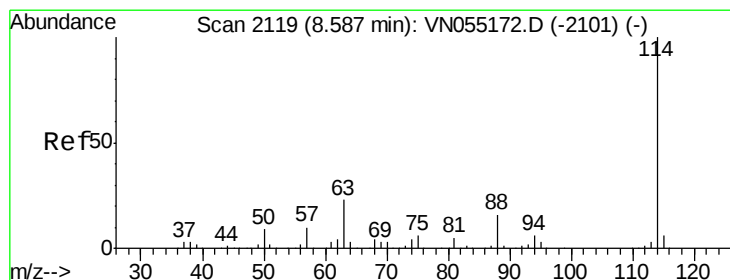
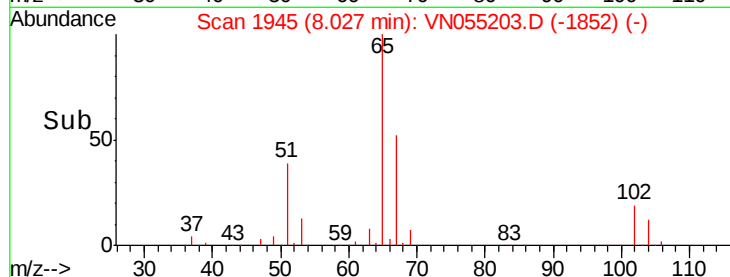
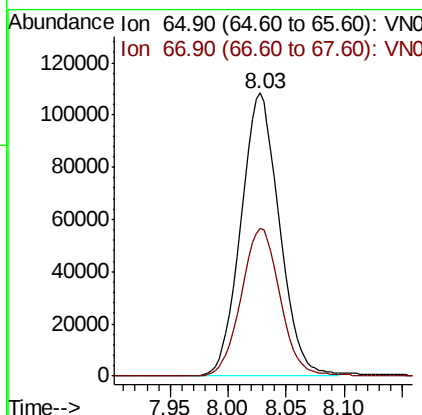
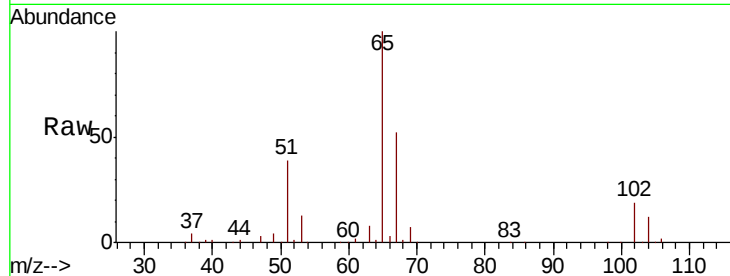




#33
 1,2-Dichloroethane-d4
 Concen: 50.693 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

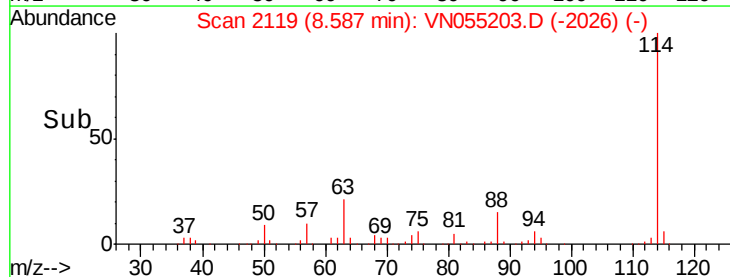
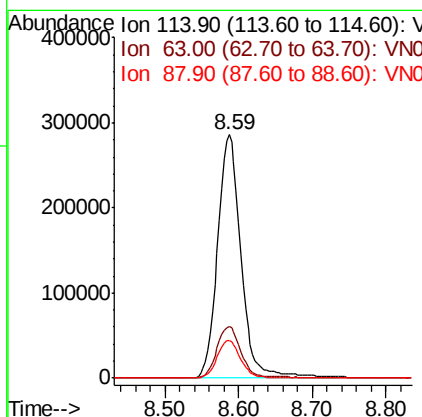
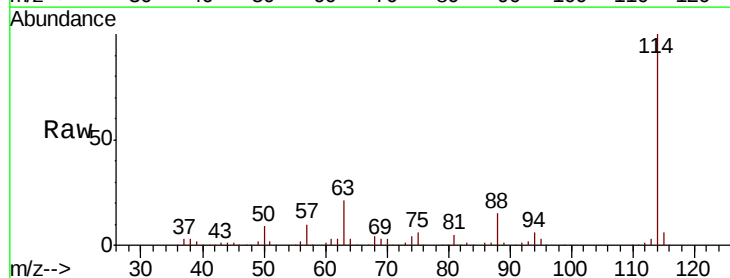
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

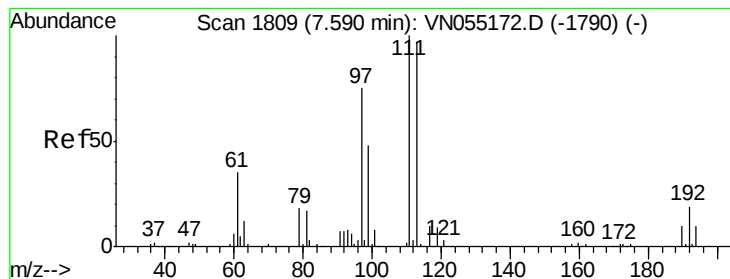
Tgt Ion: 65 Resp: 250429
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

Tgt Ion: 114 Resp: 633998
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.2
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.971 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

TP-5

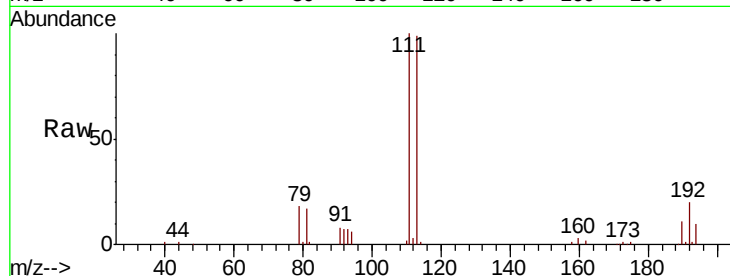
Tgt Ion:113 Resp: 206615

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

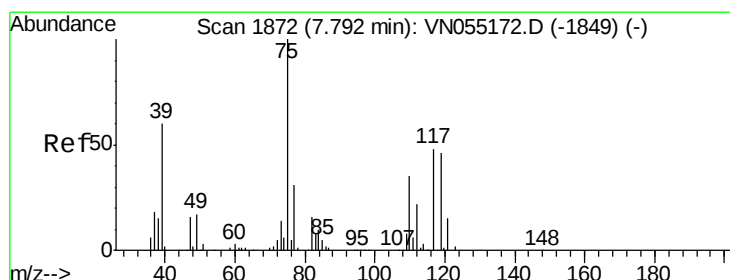
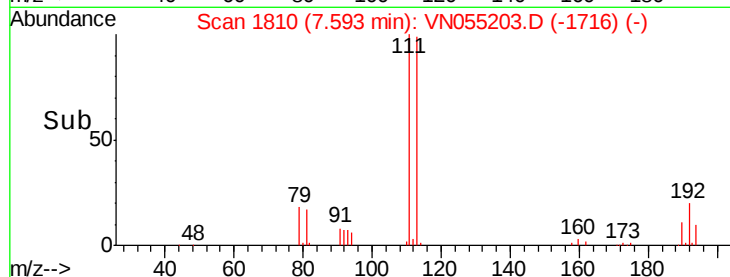
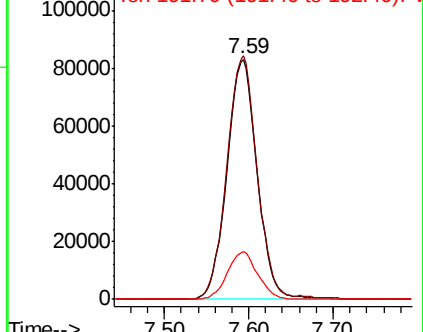
192 19.9 16.2 24.4



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: 4.736 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

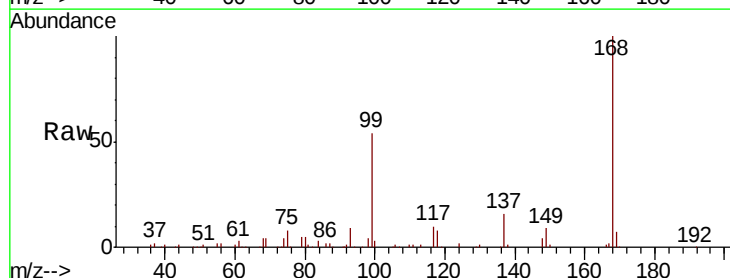
Tgt Ion: 75 Resp: 27866

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

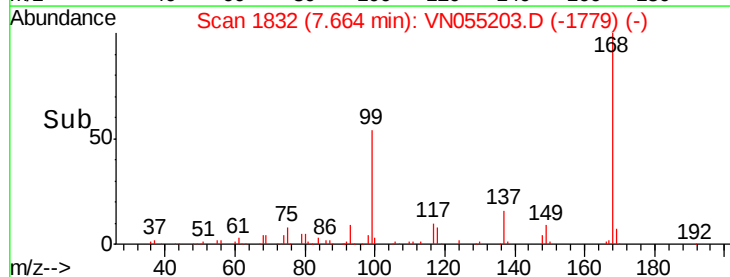
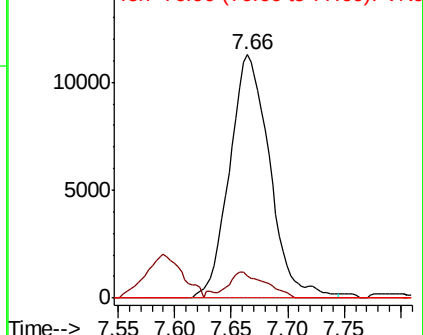
77 0.0 24.6 36.8#

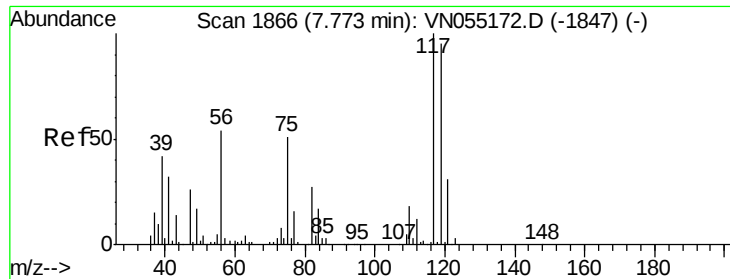


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.279 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

TP-5

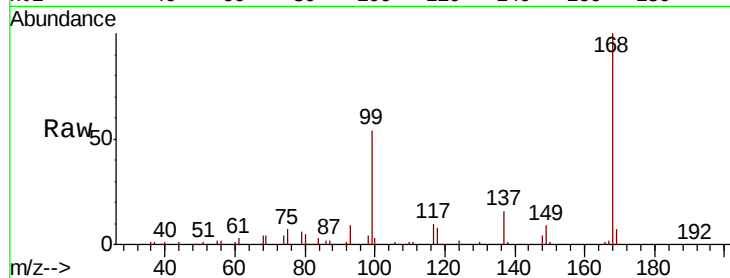
Tgt Ion: 117 Resp: 34600

Ion Ratio Lower Upper

117 100

119 4.2 76.0 114.0#

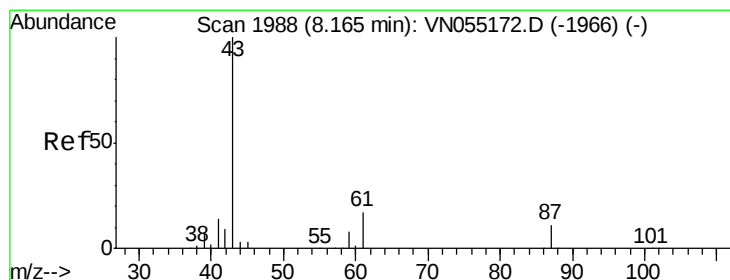
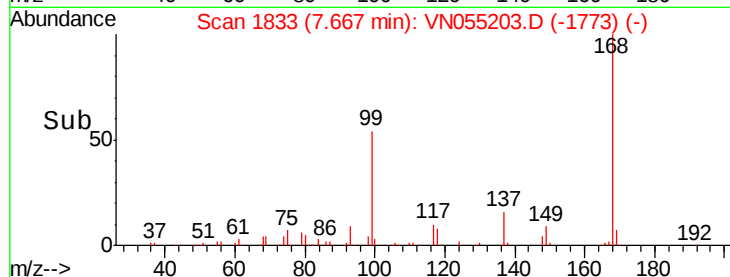
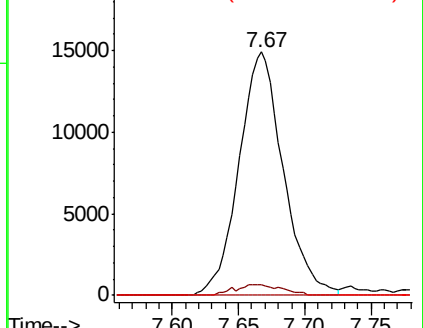
121 0.0 24.6 36.8#



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: 2.701 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

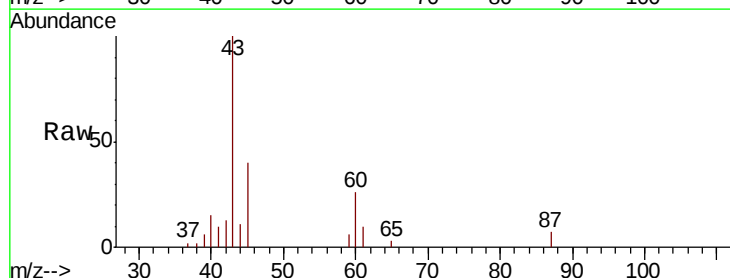
Tgt Ion: 43 Resp: 20772

Ion Ratio Lower Upper

43 100

61 8.8 20.6 30.8#

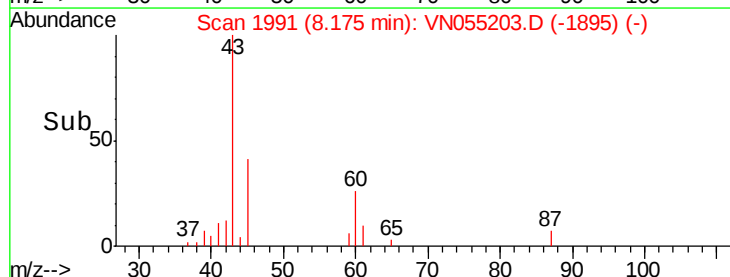
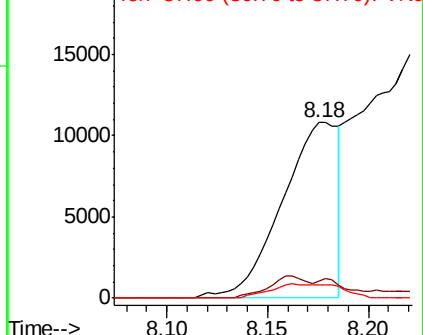
87 9.9 8.8 13.2

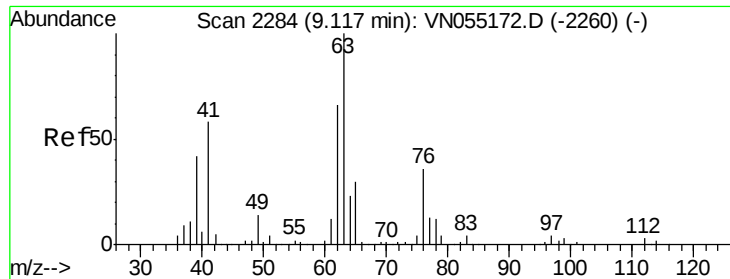


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

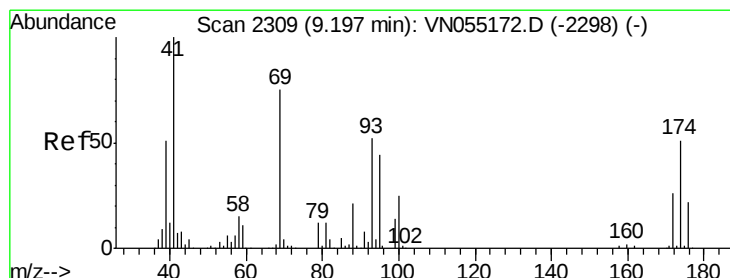
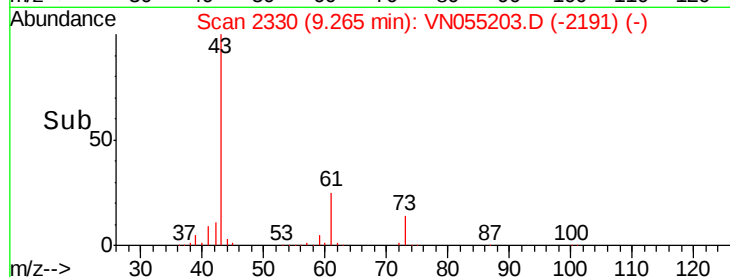
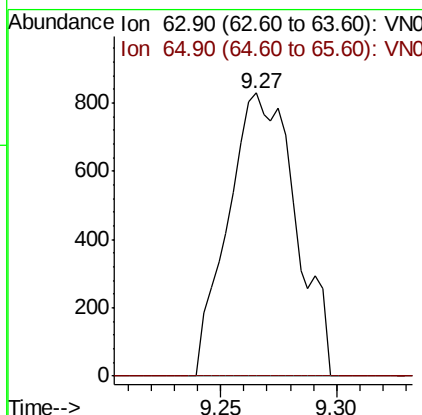
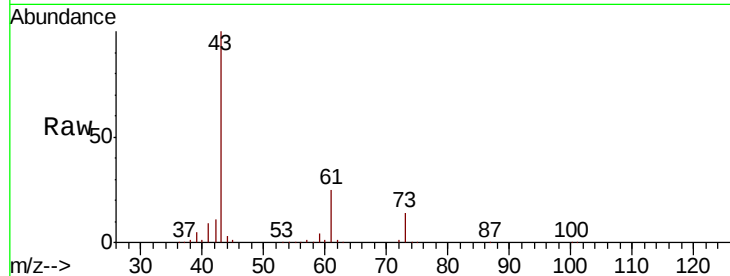




#45
 1,2-Dichloropropane
 Concen: 0.327 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.15 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

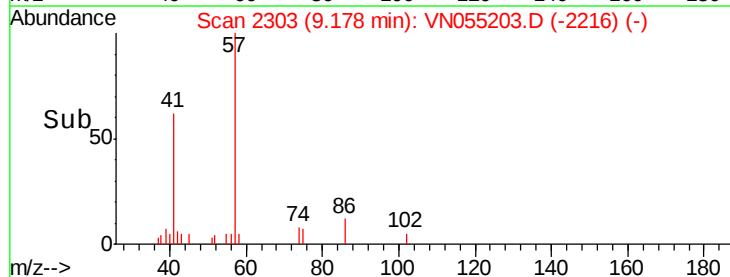
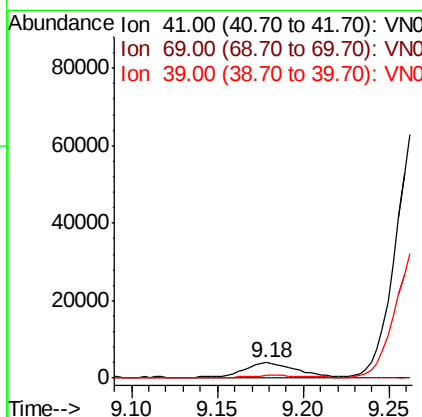
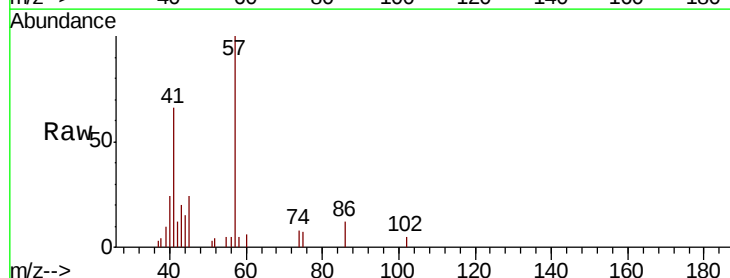
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

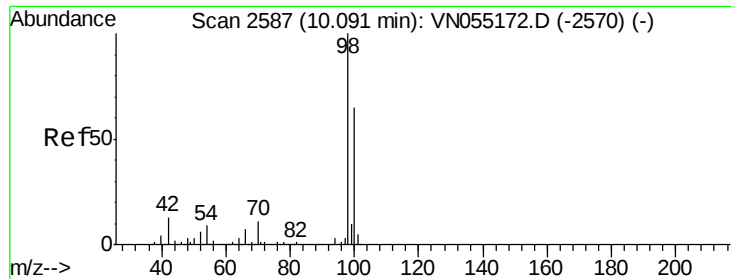
Tgt Ion: 63 Resp: 1675
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.8 35.6#



#48
 Methyl methacrylate
 Concen: 2.382 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

Tgt Ion: 41 Resp: 8887
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.6 95.4#
 39 0.0 43.8 65.8#





#50

Toluene-d8

Concen: 47.899 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

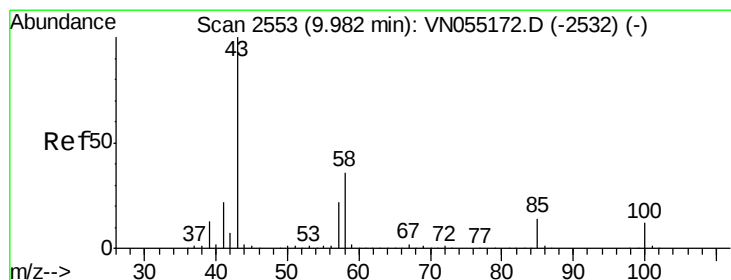
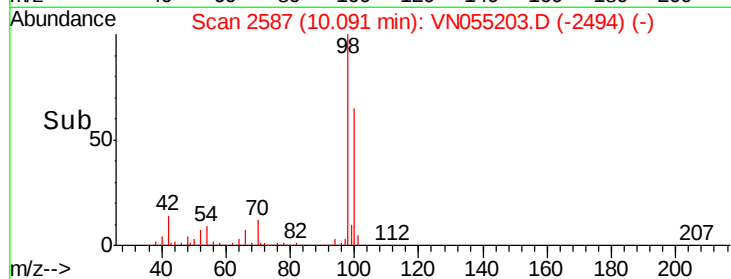
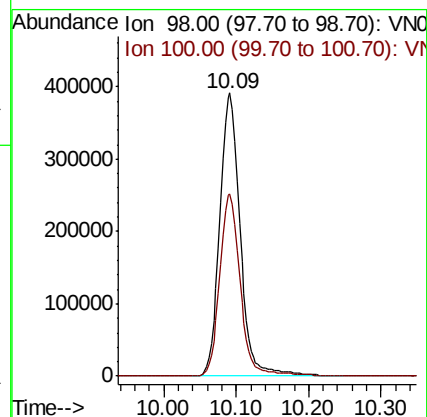
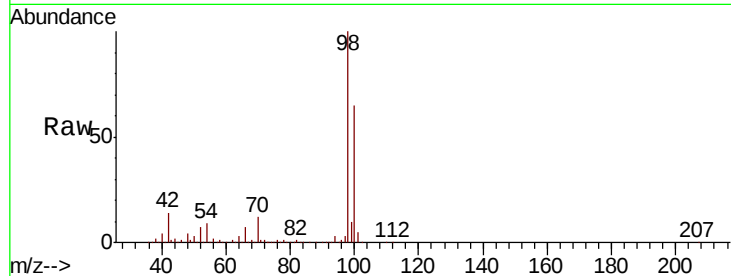
TP-5

Tgt Ion: 98 Resp: 764386

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 2.264 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN055203.D

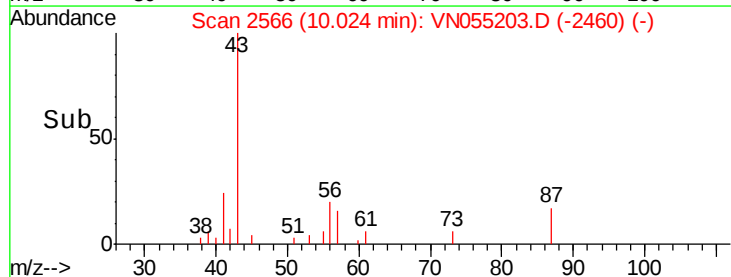
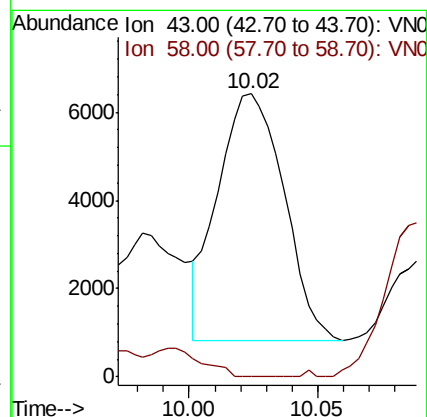
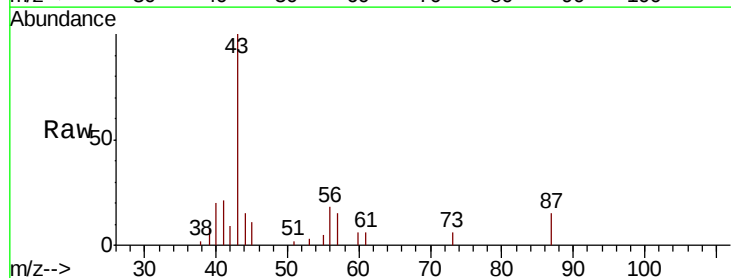
Acq: 23 Apr 2019 13:56

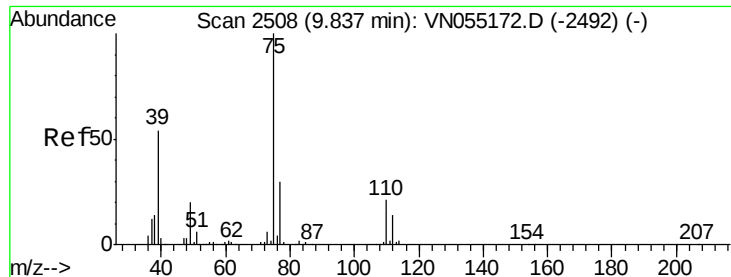
Tgt Ion: 43 Resp: 10018

Ion Ratio Lower Upper

43 100

58 0.0 28.3 42.5#





#54

cis-1,3-Dichloropropene

Concen: 8.577 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

TP-5

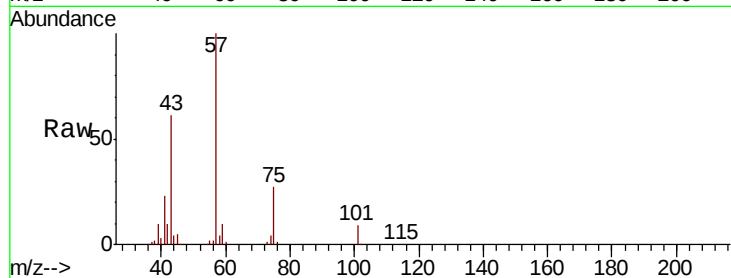
Tgt Ion: 75 Resp: 57396

Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#

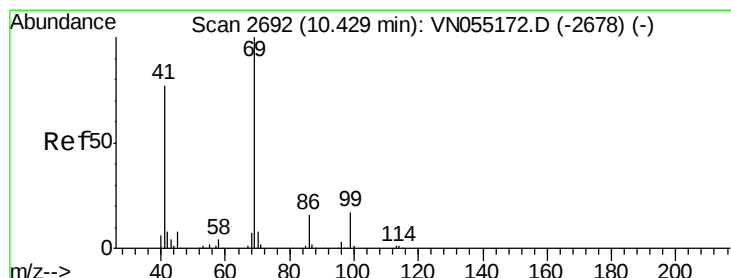
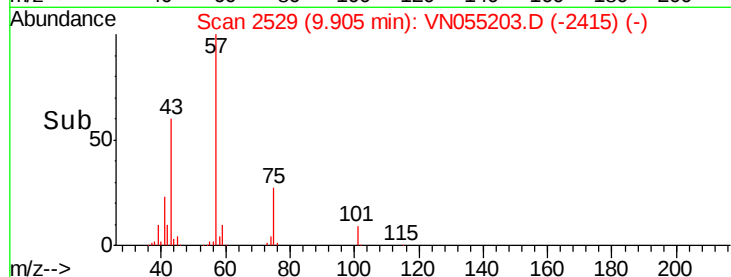
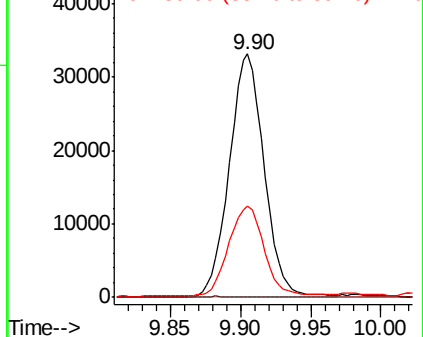
39 36.8 43.0 64.4#



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



#56

Ethyl methacrylate

Concen: 0.217 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

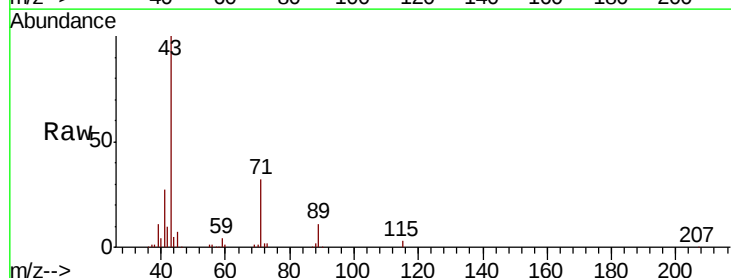
Tgt Ion: 69 Resp: 1061

Ion Ratio Lower Upper

69 100

41 4735.8 60.6 90.8#

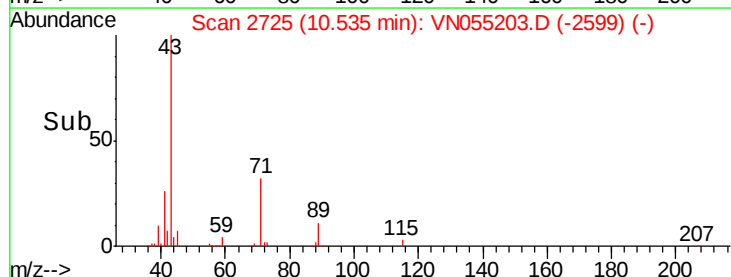
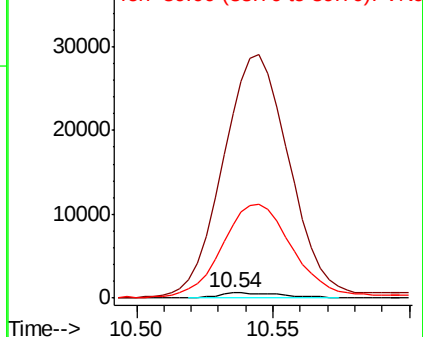
39 1957.7 31.7 47.5#

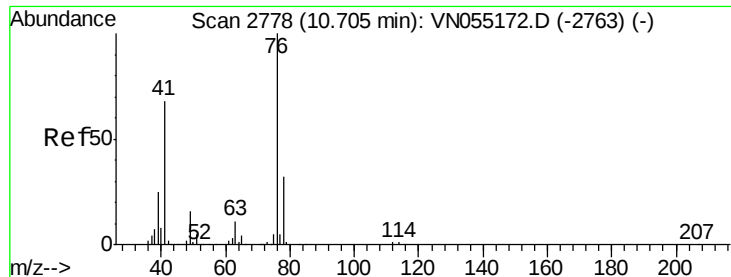


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

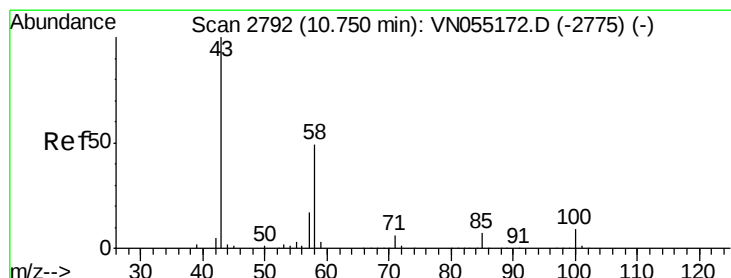
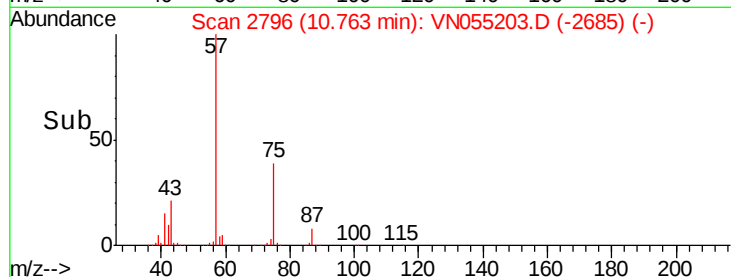
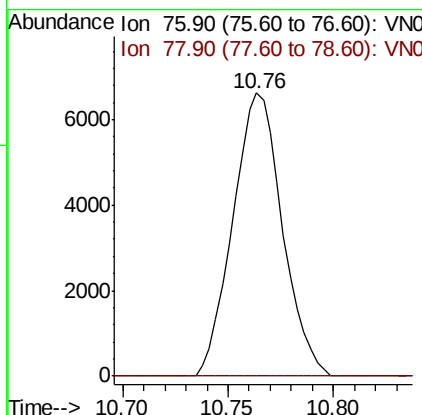
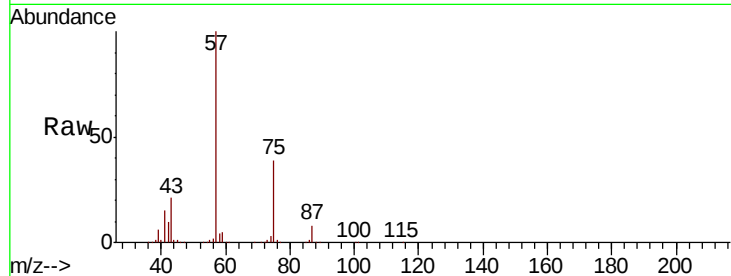




#57
 1,3-Dichloropropane
 Concen: 1.576 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

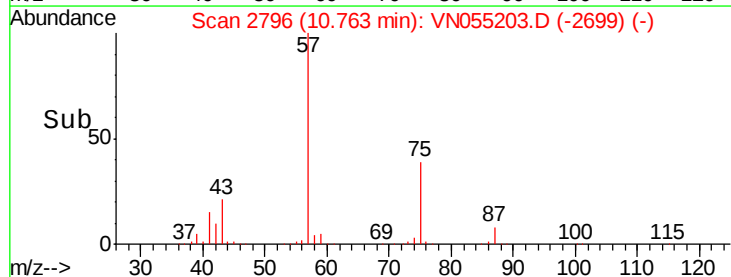
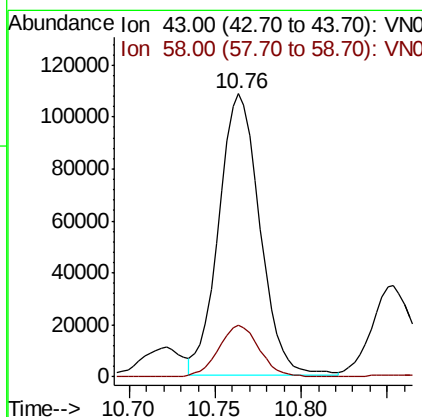
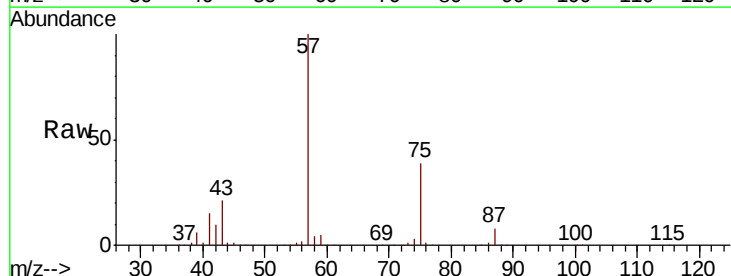
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

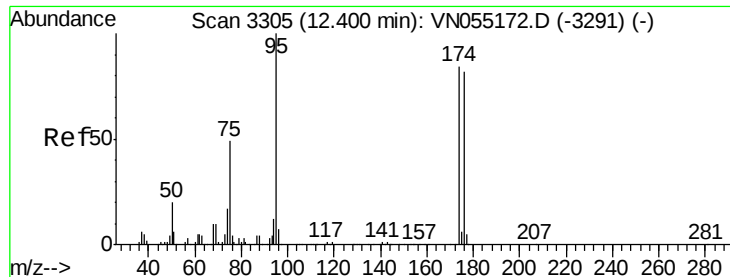
Tgt Ion: 76 Resp: 10764
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#59
 2-Hexanone
 Concen: 64.862 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

Tgt Ion: 43 Resp: 181298
 Ion Ratio Lower Upper
 43 100
 58 18.4 24.5 73.5#





#62

4-Bromofluorobenzene

Concen: 46.604 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

TP-5

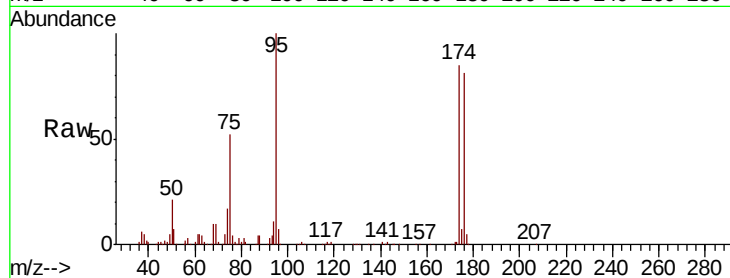
Tgt Ion: 95 Resp: 235514

Ion Ratio Lower Upper

95 100

174 86.9 0.0 168.4

176 82.3 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

150000

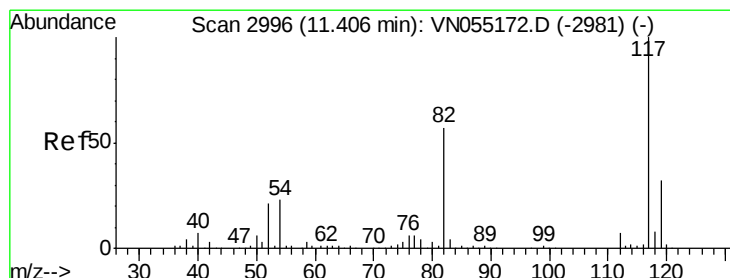
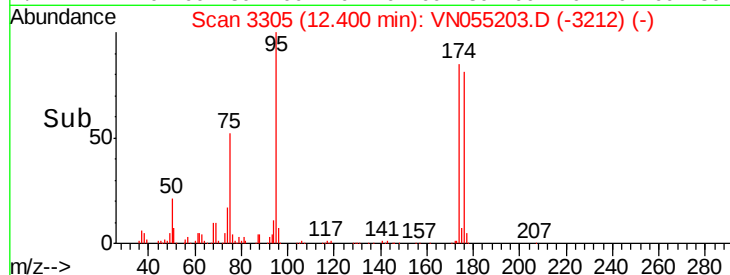
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

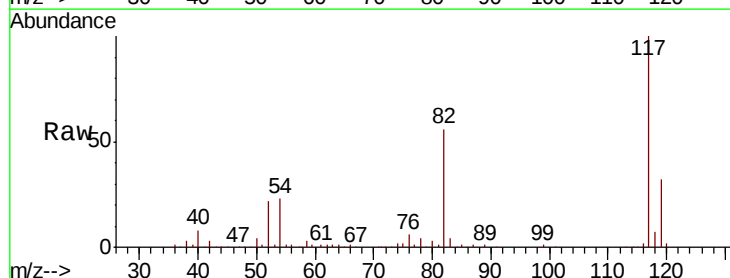
Tgt Ion: 117 Resp: 569852

Ion Ratio Lower Upper

117 100

82 56.4 45.7 68.5

119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)

11.41

400000

300000

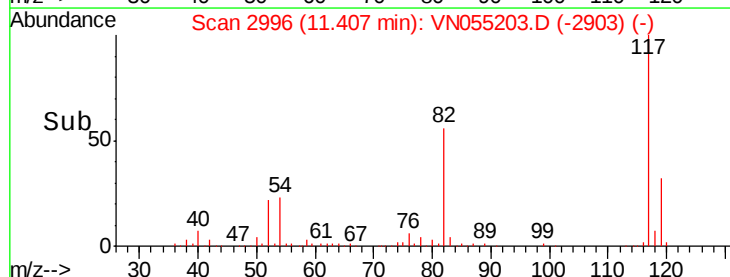
200000

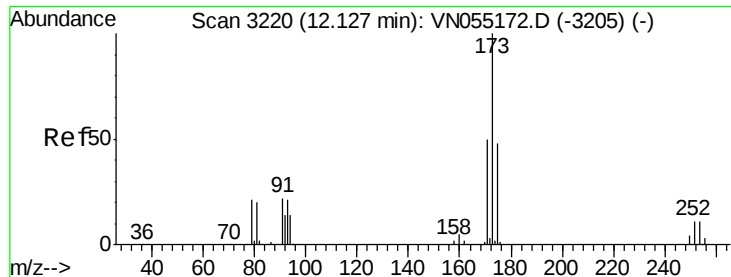
100000

0

11.30 11.40 11.50

Time-->





#71

Bromoform

Concen: 0.925 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

TP-5

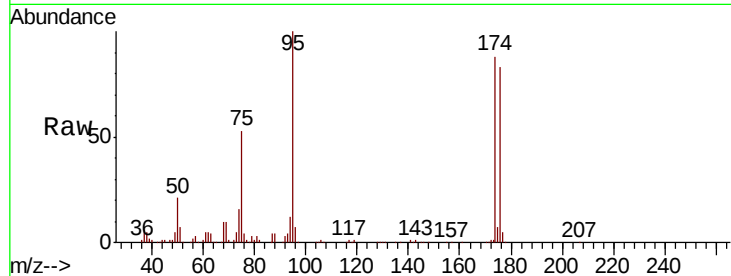
Tgt Ion:173 Resp: 2380

Ion Ratio Lower Upper

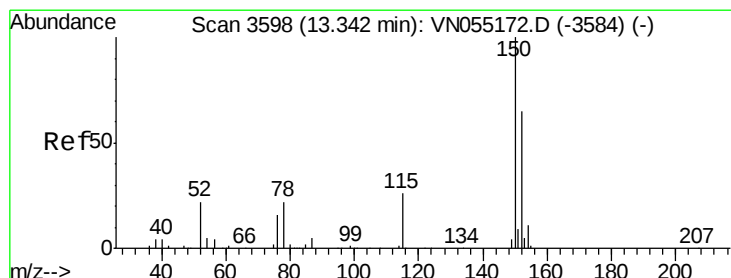
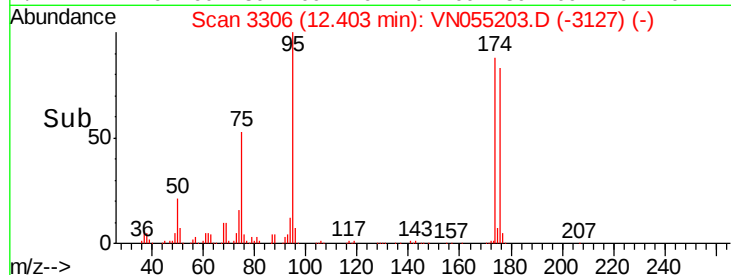
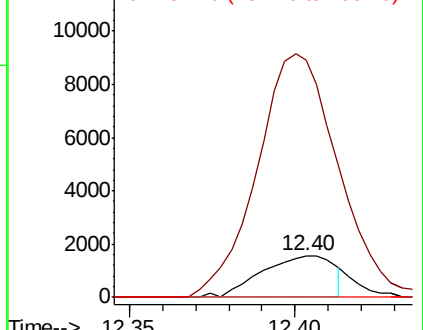
173 100

175 573.8 23.8 71.2#

254 0.0 0.1 0.1#



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: VN055203.D

Acq: 23 Apr 2019 13:56

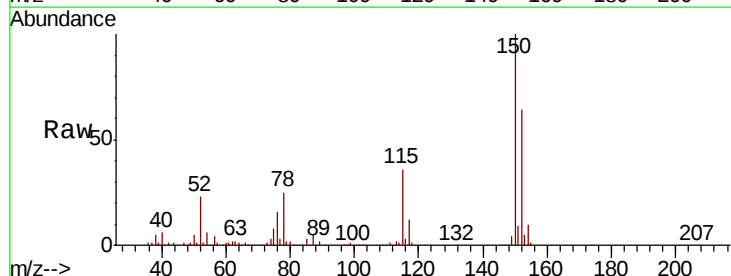
Tgt Ion:152 Resp: 170054

Ion Ratio Lower Upper

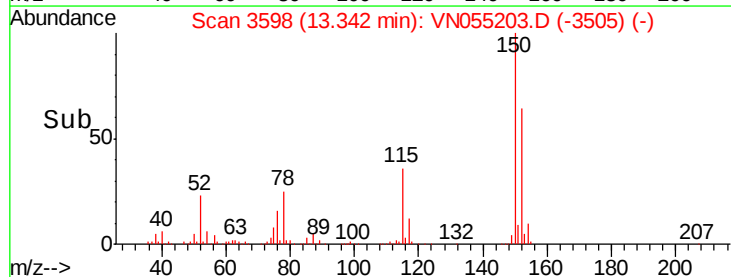
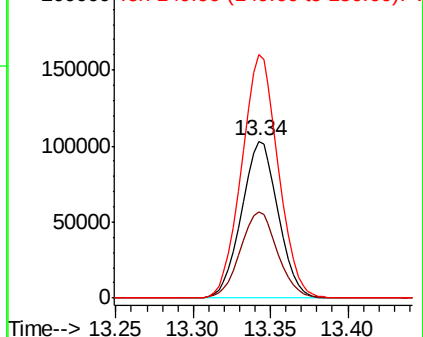
152 100

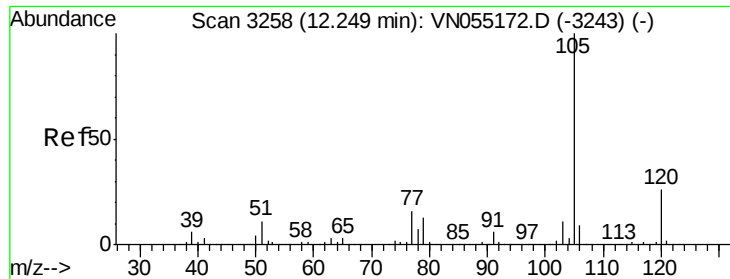
115 55.9 28.9 86.7

150 155.2 0.0 346.6



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: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

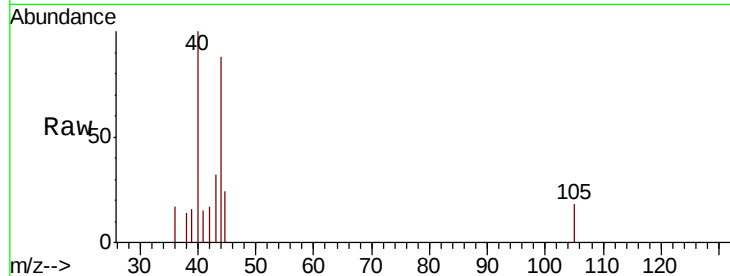
TP-5

Tgt Ion: 105 Resp: 177

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250

200

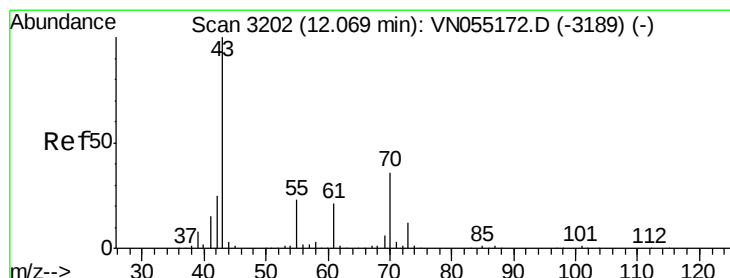
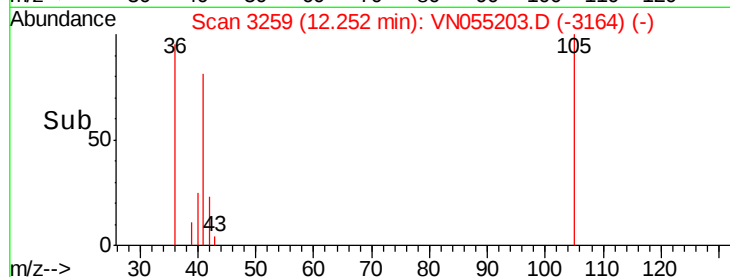
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 3.807 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Tgt Ion: 43 Resp: 16692

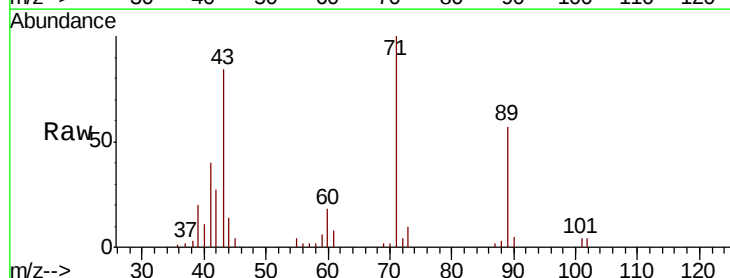
Ion Ratio Lower Upper

43 100

70 2.0 29.0 43.6#

55 4.7 18.5 27.7#

61 11.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

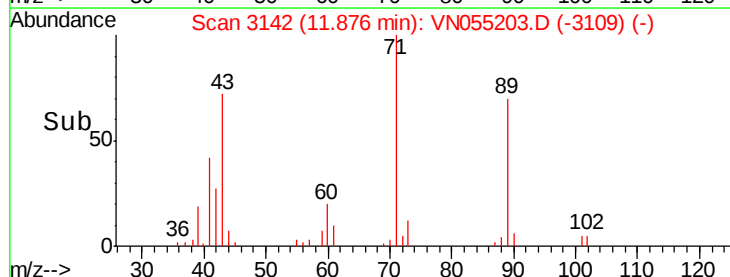
15000

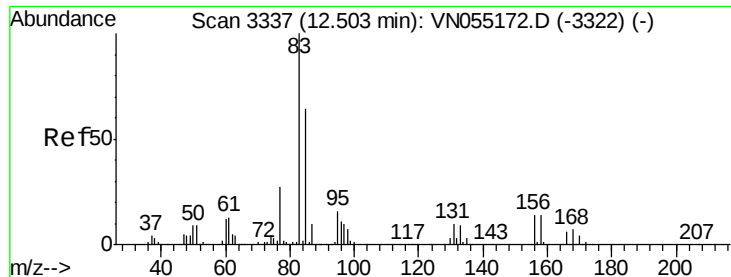
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.75 min Scan# 3415

Delta R.T. 0.25 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

TP-5

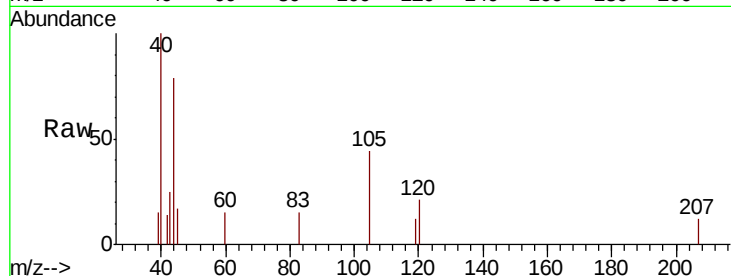
Tgt Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

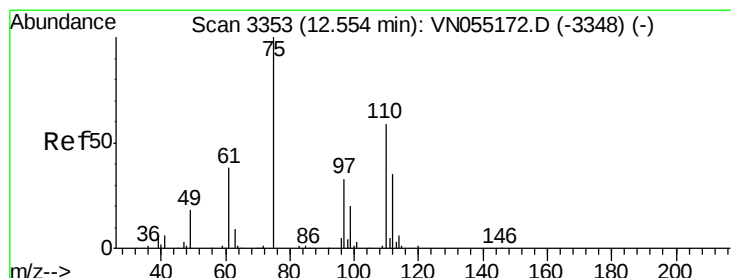
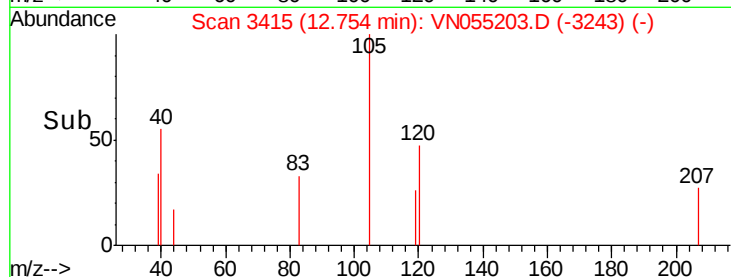
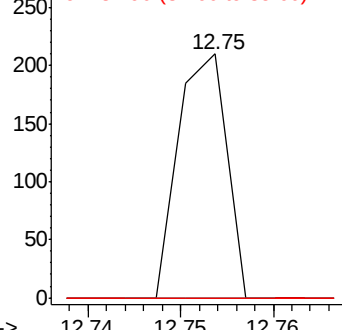
85 0.0 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055203.D

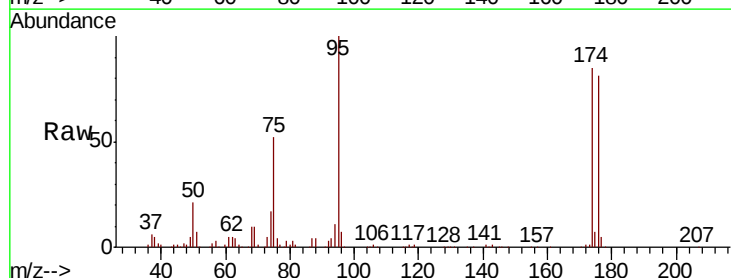
Acq: 23 Apr 2019 13:56

Tgt Ion: 75 Resp: 123533

Ion Ratio Lower Upper

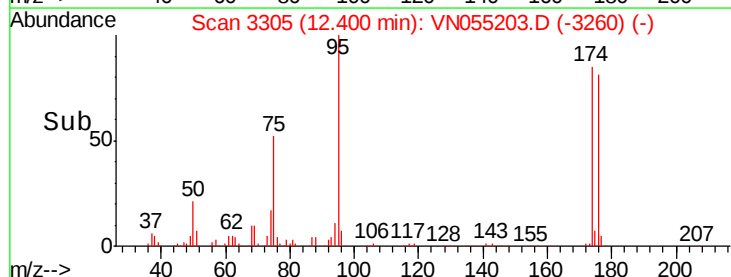
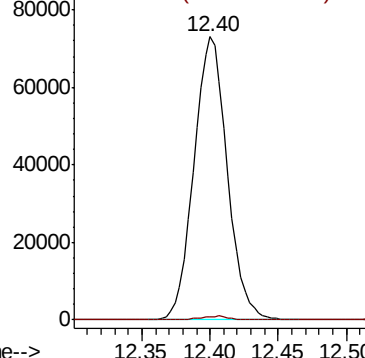
75 100

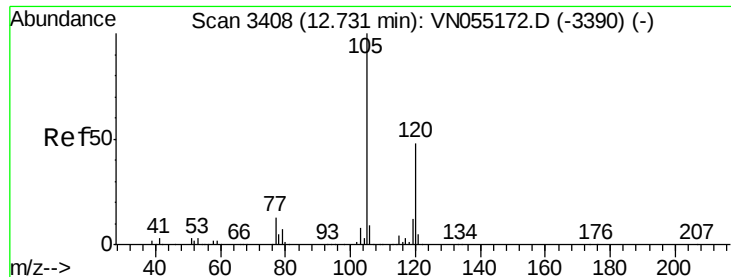
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

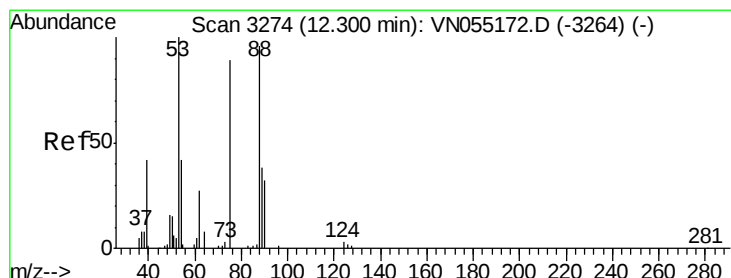
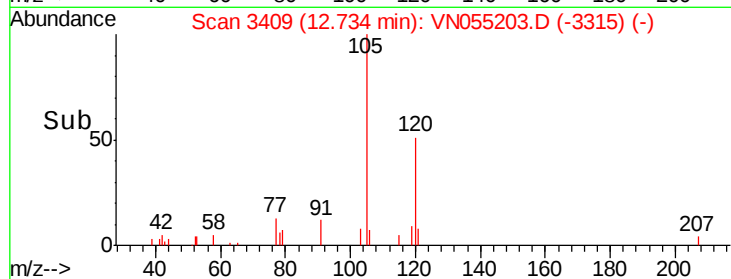
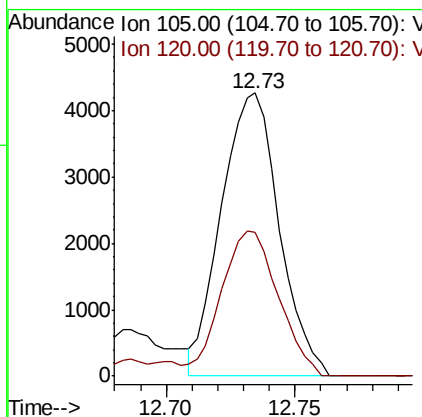
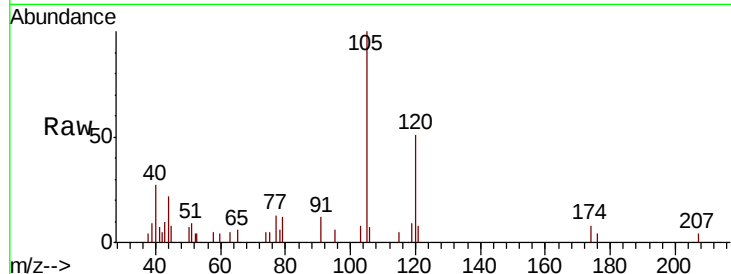




#80
 1,3,5-Trimethylbenzene
 Concen: 0.524 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

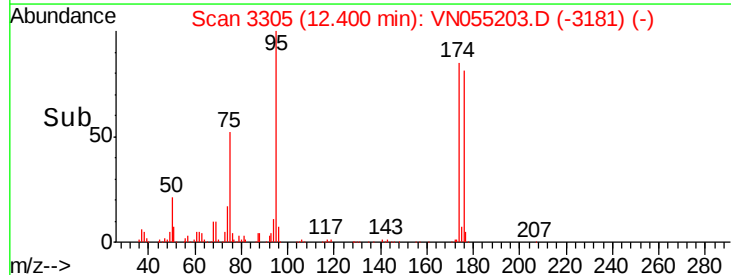
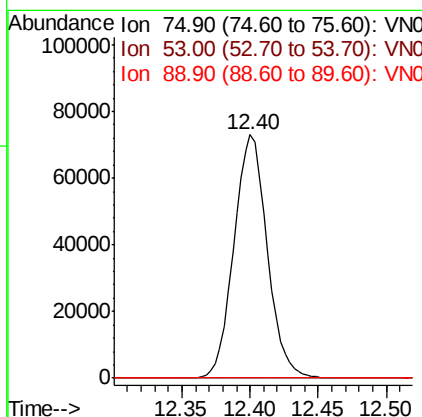
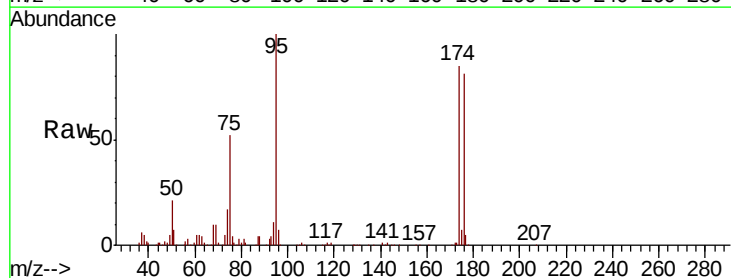
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

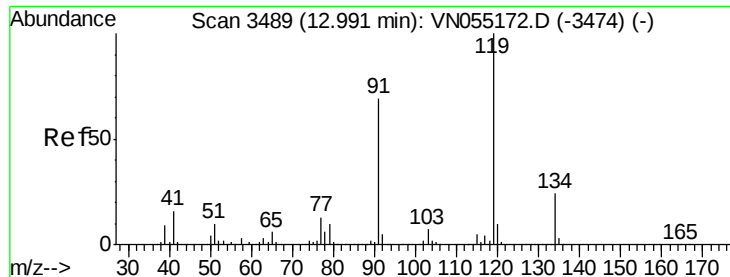
Tgt Ion: 105 Resp: 6676
 Ion Ratio Lower Upper
 105 100
 120 50.7 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.739 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055203.D
 Acq: 23 Apr 2019 13:56

Tgt Ion: 75 Resp: 123533
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.7 55.1#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

TP-5

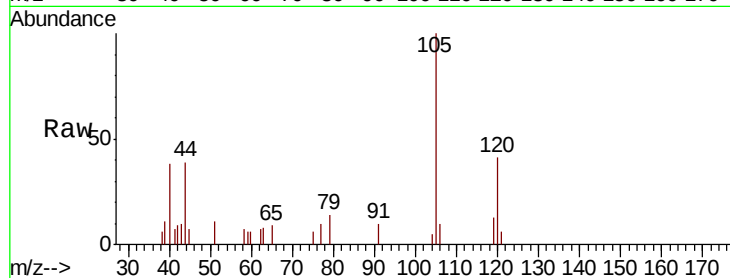
Tgt Ion:119 Resp: 478

Ion Ratio Lower Upper

119 100

91 89.3 33.8 101.3

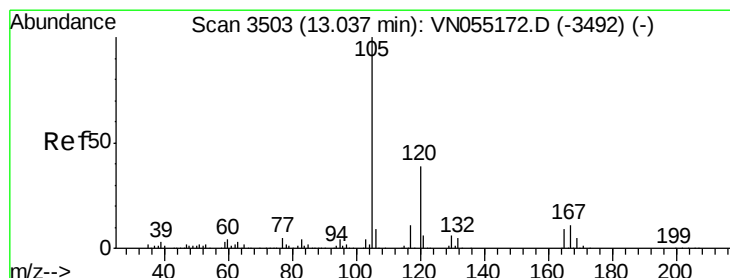
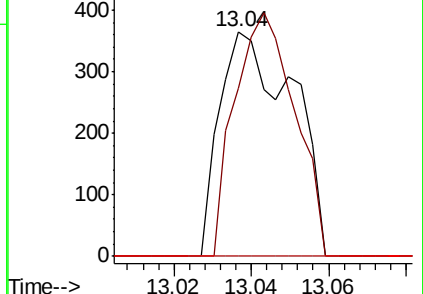
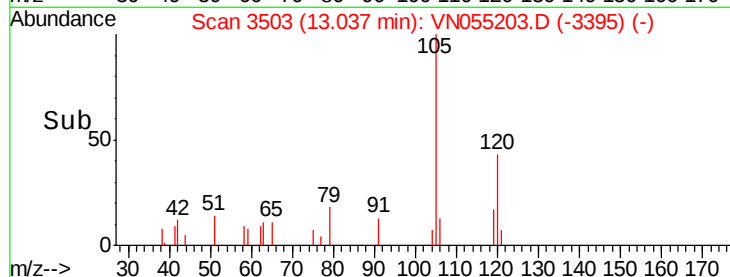
134 0.0 13.2 39.5#



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: 0.402 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055203.D

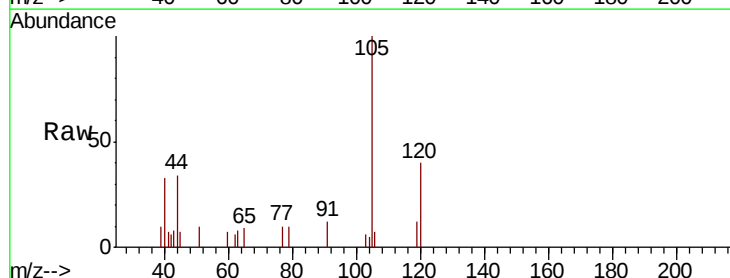
Acq: 23 Apr 2019 13:56

Tgt Ion:105 Resp: 4825

Ion Ratio Lower Upper

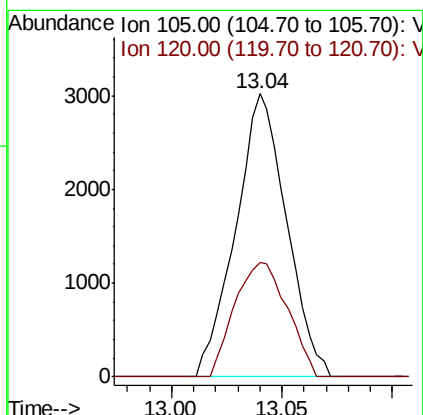
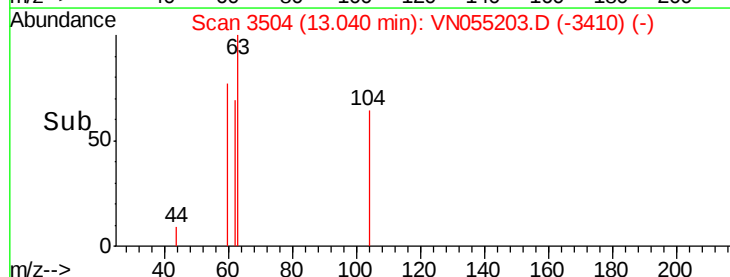
105 100

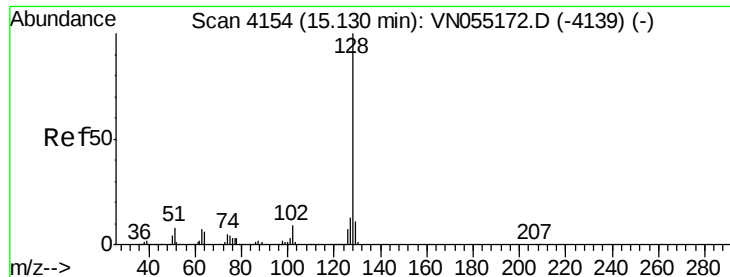
120 41.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.732 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055203.D

Acq: 23 Apr 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

TP-5

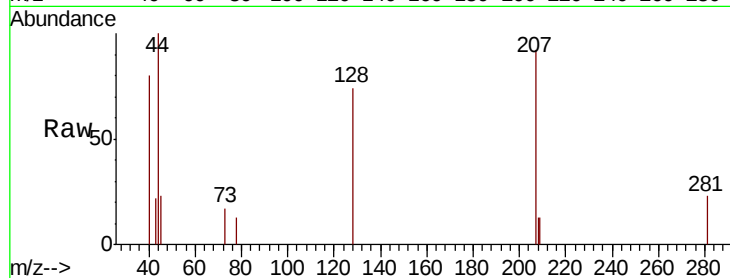
Tgt Ion:128 Resp: 2001

Ion Ratio Lower Upper

128 100

127 3.3 10.3 15.5#

129 0.0 8.8 13.2#



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

