

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053736.D
 Acq On : 12 Feb 2019 17:47
 Operator : JC/SP
 Sample : K1461-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-4

Quant Time: Feb 13 04:16:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	771321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1258284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1174856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	528522	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	400216	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	392734	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	10.09	98	1518557	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	516219	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	

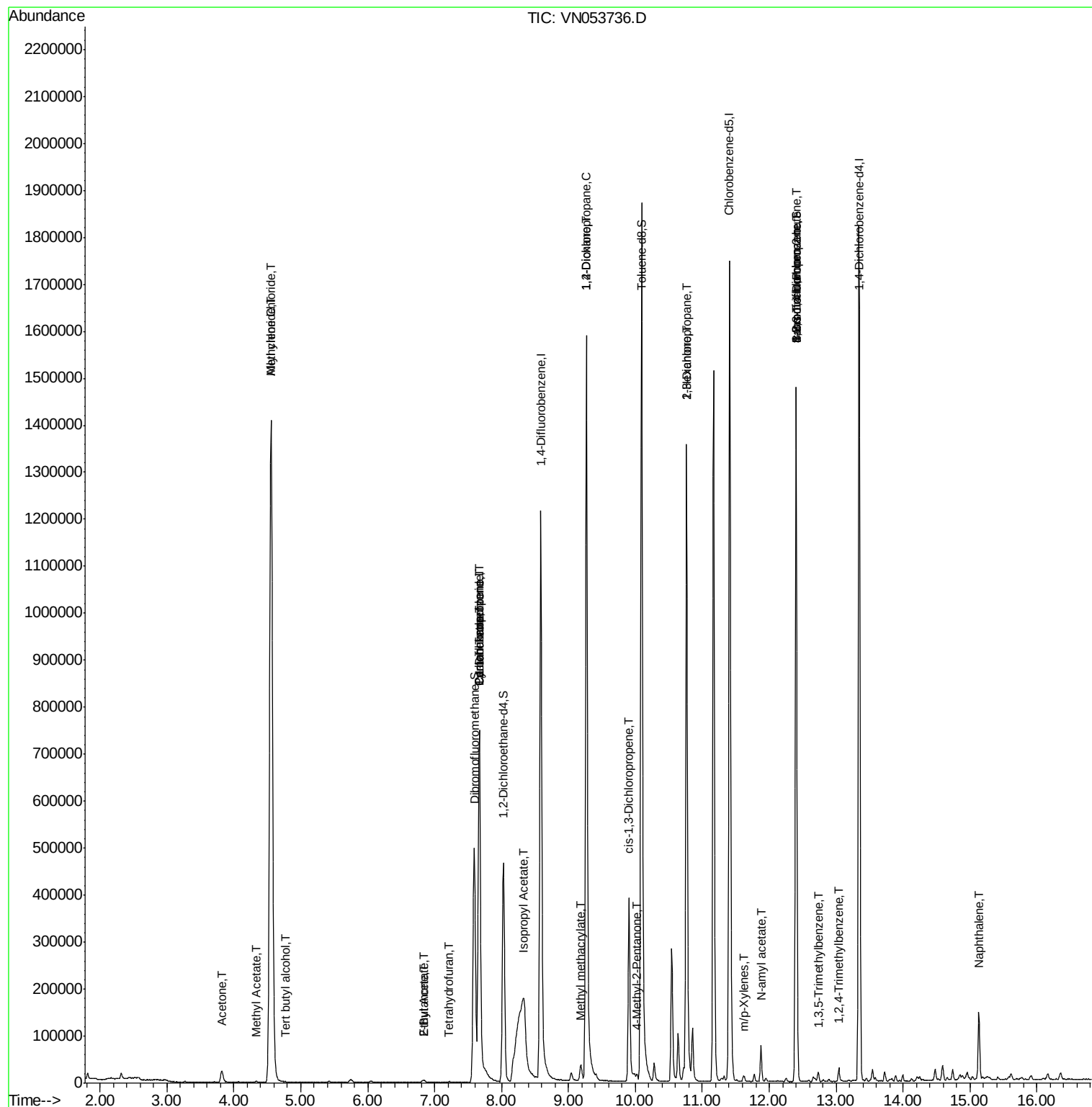
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	441	0.963	ug/l #	72
14) Allyl chloride	4.55	41	40888	3.595	ug/l #	27
16) Acetone	3.82	43	42372	21.349	ug/l	97
18) Methyl Acetate	4.33	43	4265	0.726	ug/l #	73
20) Methylene Chloride	4.55	84	1144649	137.463	ug/l	98
25) 2-Butanone	6.84	43	7103	2.509	ug/l #	84
29) Tetrahydrofuran	7.22	42	1217	0.670	ug/l #	64
31) Cyclohexane	7.67	56	10772	0.656	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44535	3.926	ug/l #	49
37) Ethyl Acetate	6.84	43	7103	1.121	ug/l #	67
38) Carbon Tetrachloride	7.67	117	60213	5.270	ug/l #	15
43) Isopropyl Acetate	8.32	43	572019	46.756	ug/l #	52
45) 1,2-Dichloropropane	9.27	63	1906	0.213	ug/l #	43
48) Methyl methacrylate	9.18	41	14172	2.427	ug/l #	21
49) 1,4-Dioxane	9.26	88	30	39.439	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	10673	1.775	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	84949	6.385	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	15968	1.249	ug/l #	43
59) 2-Hexanone	10.76	43	204583	50.127	ug/l #	50
68) m/p-Xylenes	11.62	106	4528	0.289	ug/l	99
71) Bromoform	12.40	173	3132	0.524	ug/l #	1
74) N-amyl acetate	11.88	43	22338	2.500	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	241485	35.572	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9616	0.312	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	241485	100.027	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	17993	0.573	ug/l	97
95) Naphthalene	15.13	128	125670	6.961	ug/l	99

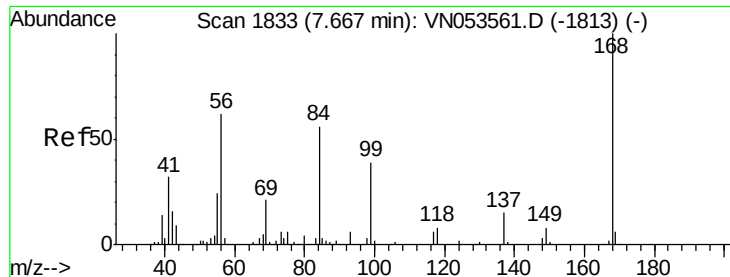
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

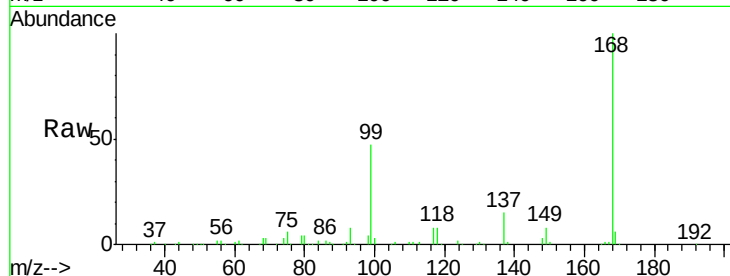
TEST-PIT-4

Tot Ion:168 Resp: 771321

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

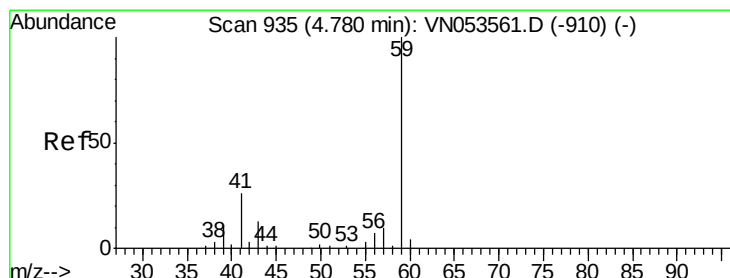
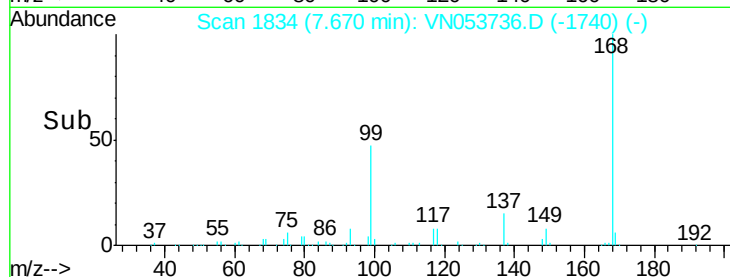
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.963 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053736.D

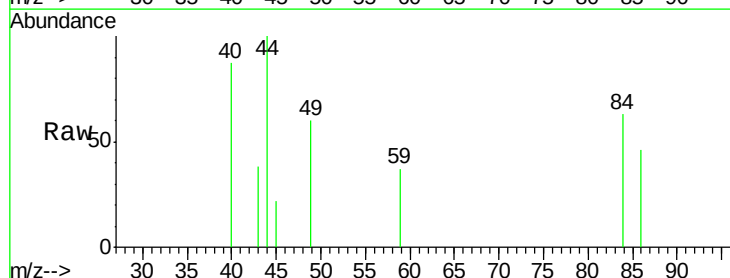
Acq: 12 Feb 2019 17:47

Tgt Ion: 59 Resp: 441

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

300

250

200

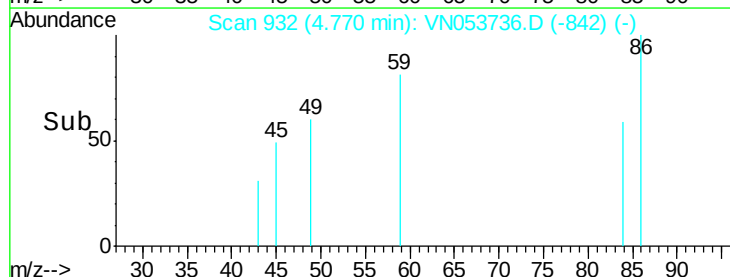
150

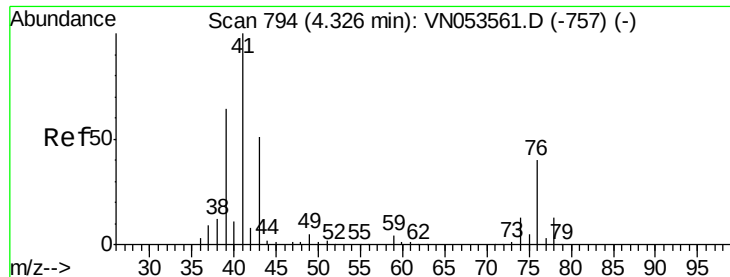
100

50

0

Time--> 4.72 4.74 4.76 4.78 4.80

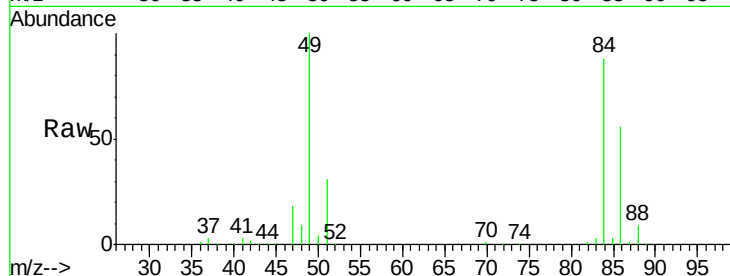




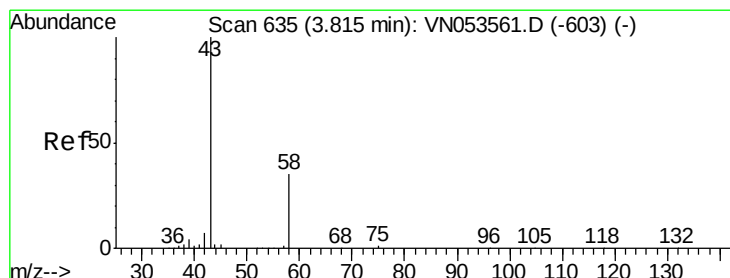
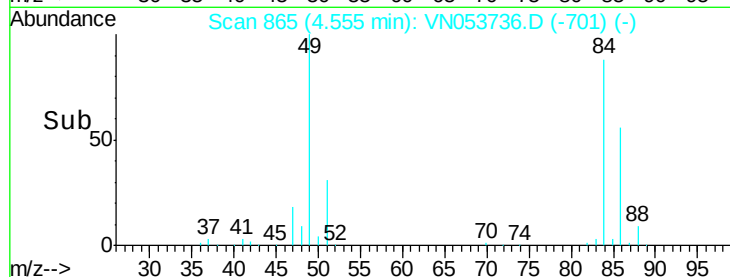
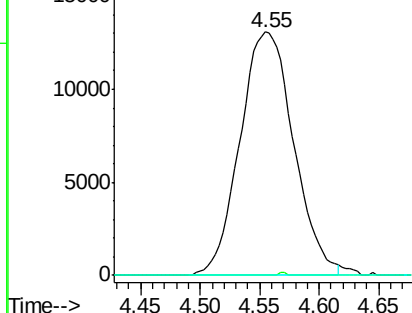
#14
Allvl chloride
Concen: 3.595 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

Tot Ion: 41 Resp: 40888
Ion Ratio Lower Upper
41 100
39 0.2 48.9 73.3#
76 0.0 29.4 44.2#

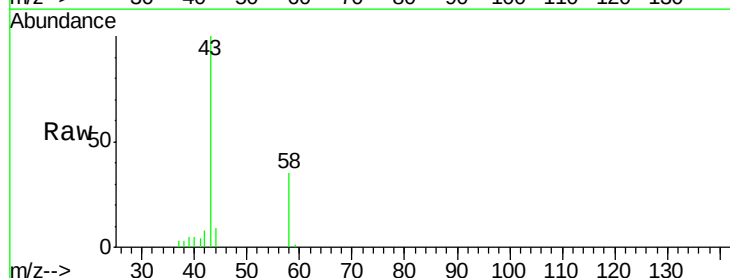


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

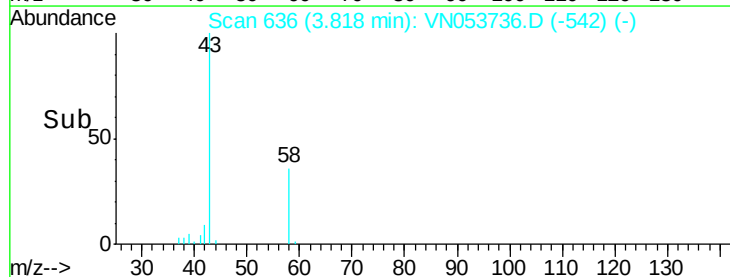
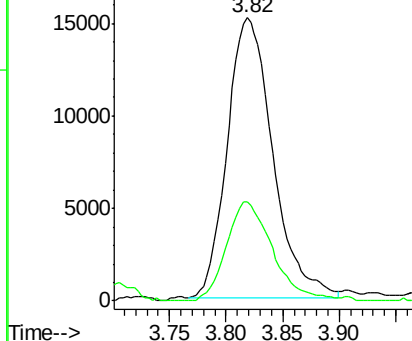


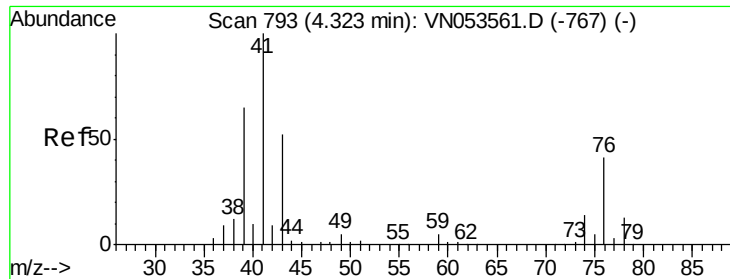
#16
Acetone
Concen: 21.349 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 42372
Ion Ratio Lower Upper
43 100
58 35.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.726 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

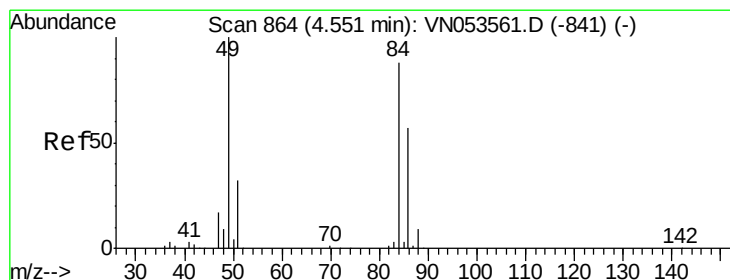
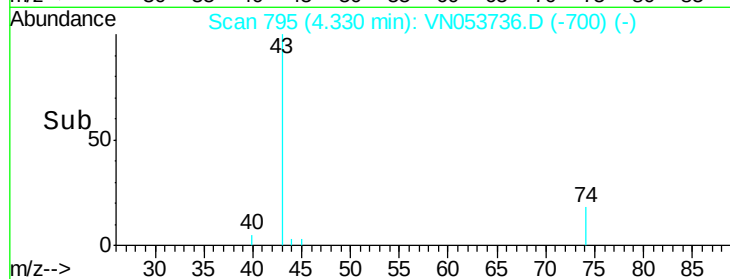
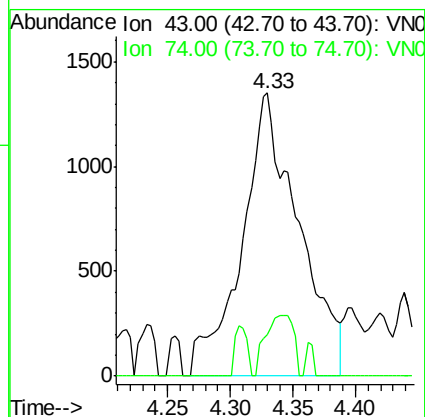
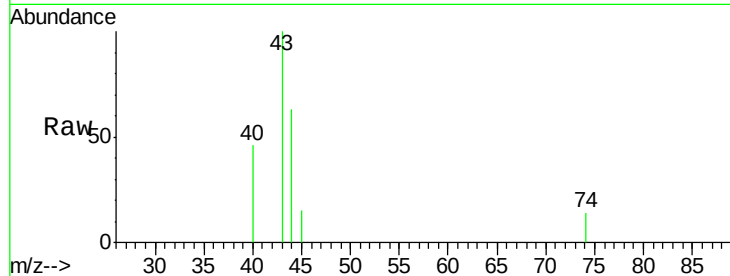
TEST-PIT-4

Tot Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

74 10.7 19.4 29.2#



#20

Methylene Chloride

Concen: 137.463 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Tgt Ion: 84 Resp: 1144649

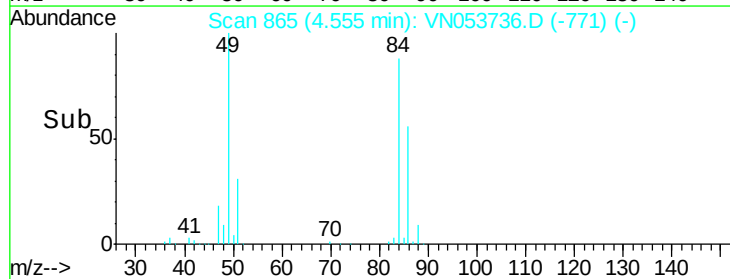
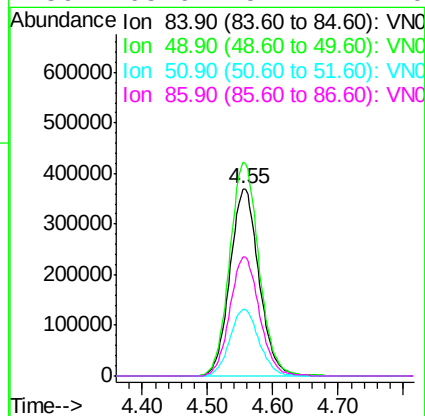
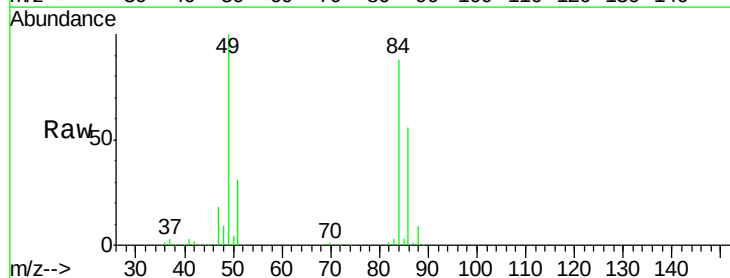
Ion Ratio Lower Upper

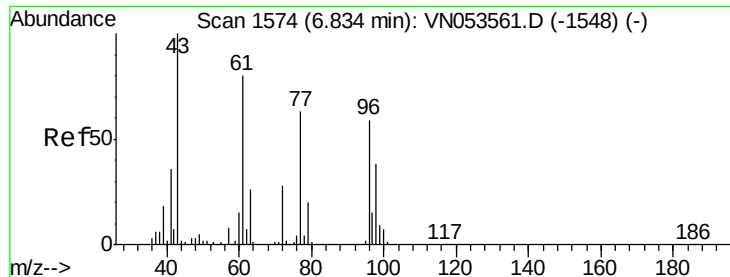
84 100

49 114.2 94.3 141.5

51 35.8 29.4 44.2

86 63.6 51.4 77.0

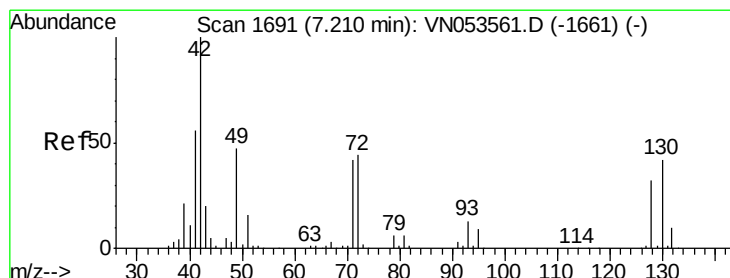
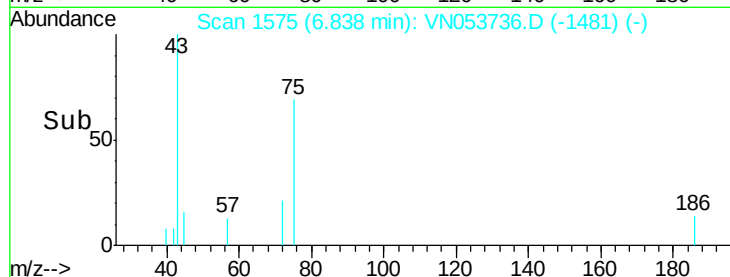
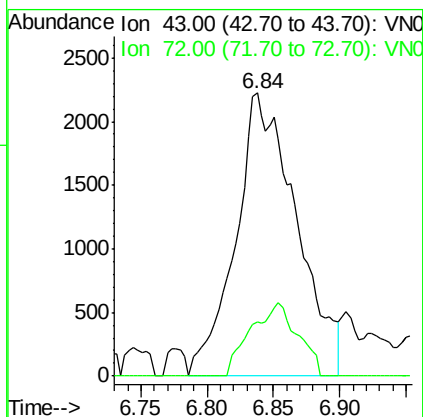
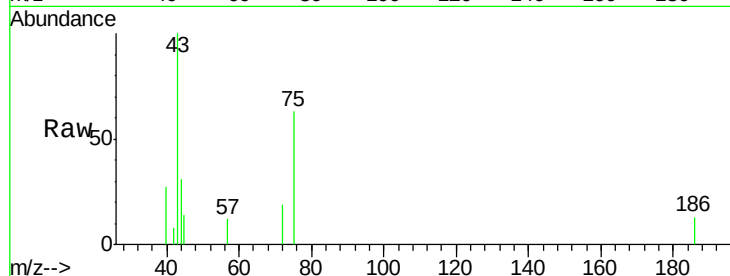




#25
2-Butanone
Concen: 2.509 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

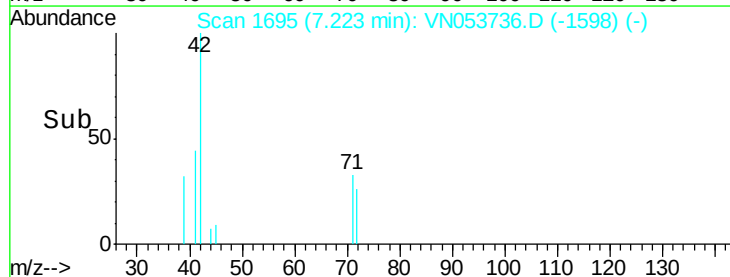
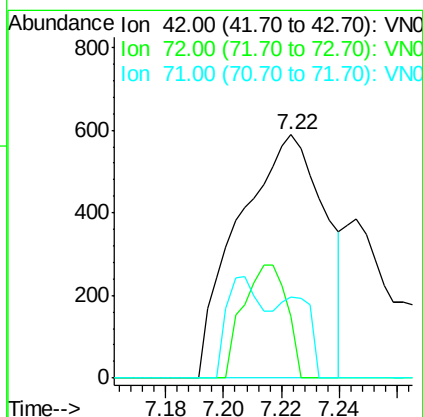
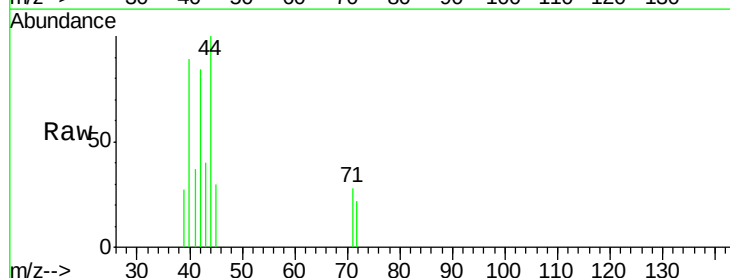
Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

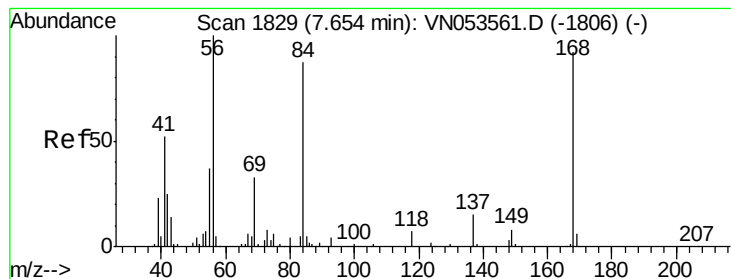
Tot Ion: 43 Resp: 7103
Ion Ratio Lower Upper
43 100
72 19.2 22.0 33.0#



#29
Tetrahydrofuran
Concen: 0.670 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion: 42 Resp: 1217
Ion Ratio Lower Upper
42 100
72 23.5 35.2 52.8#
71 16.1 33.0 49.4#





#31

Cyclohexane

Concen: 0.656 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-4

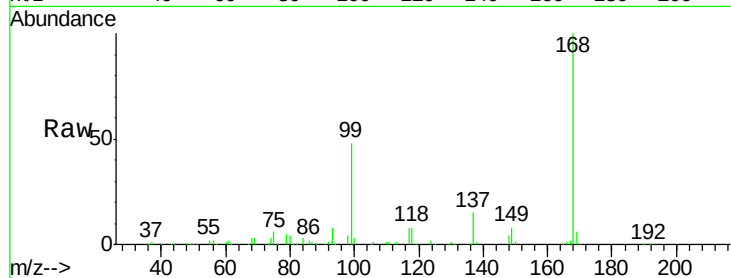
Tot Ion: 56 Resp: 10772

Ion Ratio Lower Upper

56 100

69 198.4 26.4 39.6#

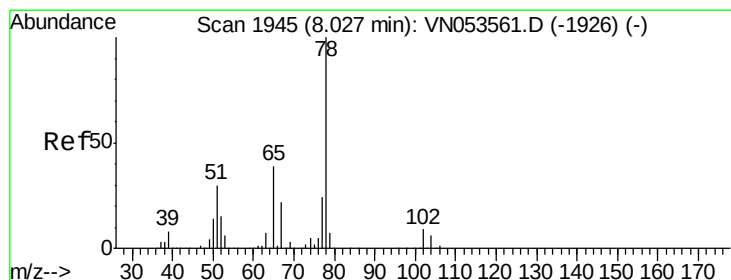
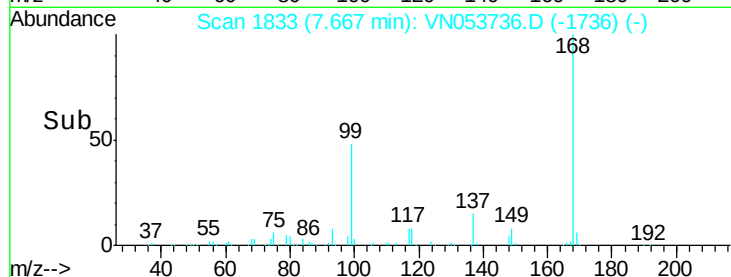
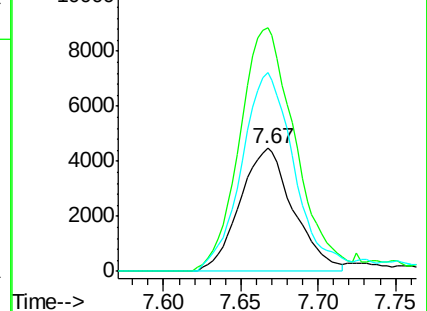
84 162.4 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.722 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053736.D

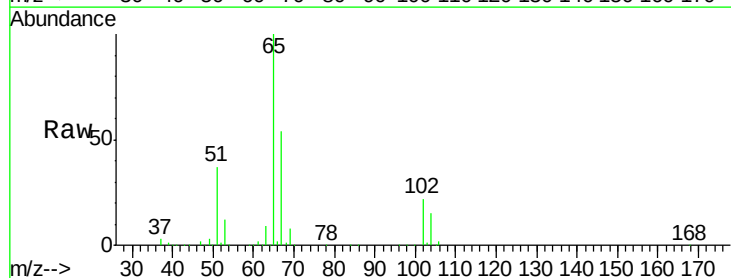
Acq: 12 Feb 2019 17:47

Tgt Ion: 65 Resp: 400216

Ion Ratio Lower Upper

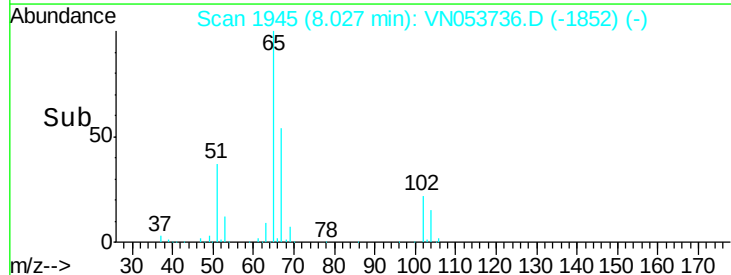
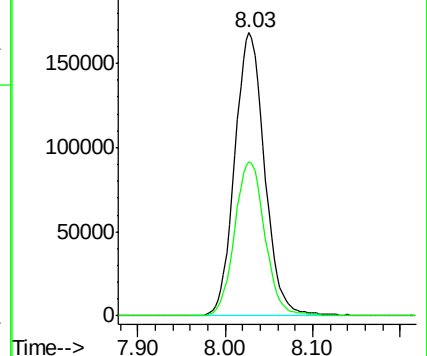
65 100

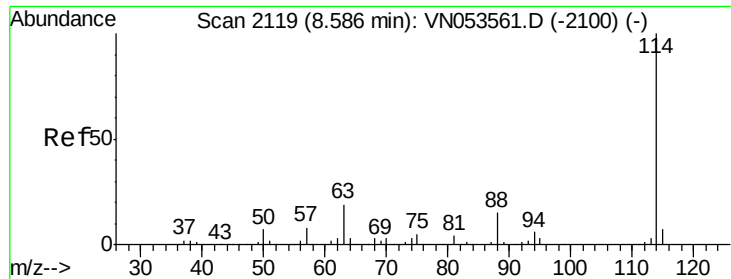
67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

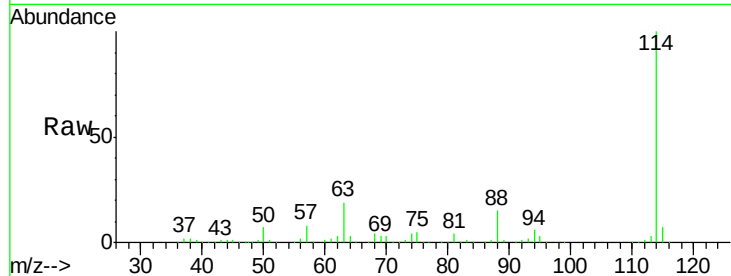




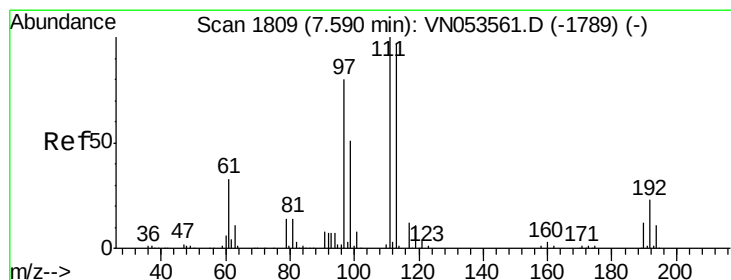
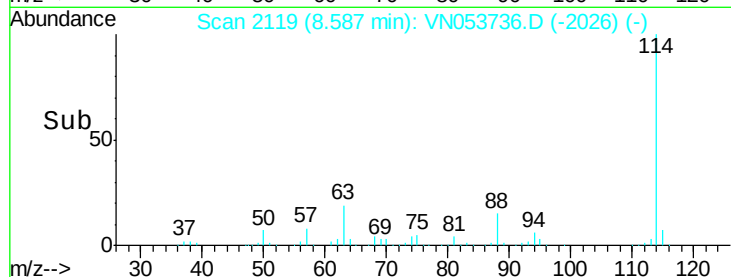
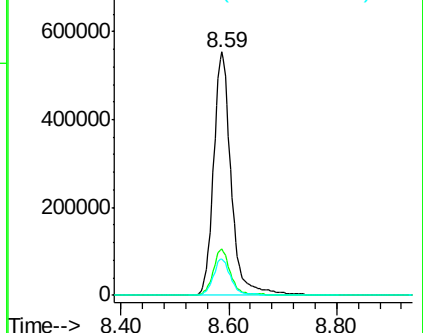
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-4

Tot Ion:114 Resp: 1258284
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.1 0.0 30.4

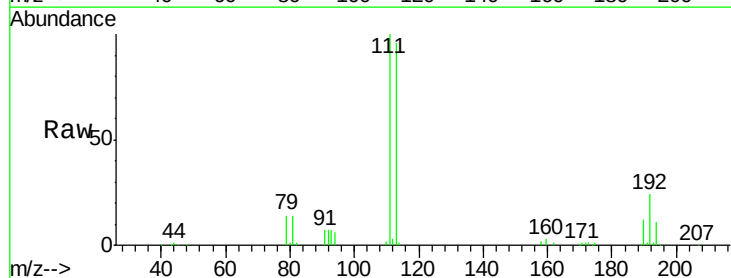


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

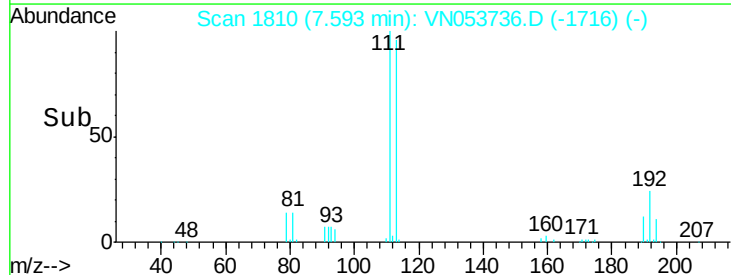
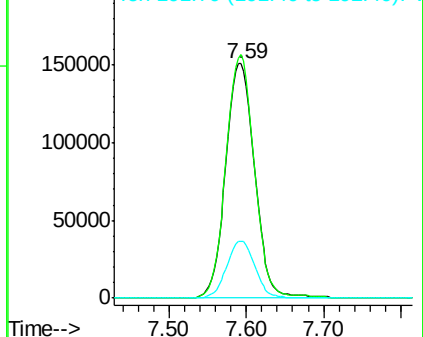


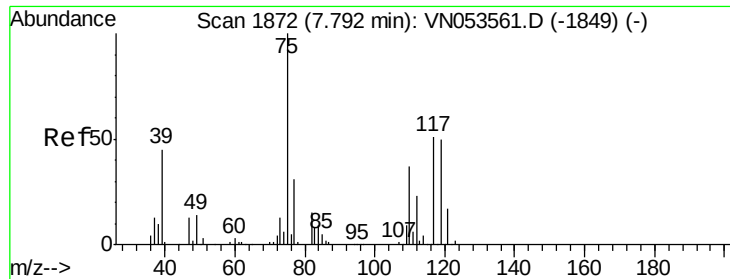
#35
Dibromofluoromethane
Concen: 49.396 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion:113 Resp: 392734
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 23.6 18.2 27.2



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: 3.926 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-4

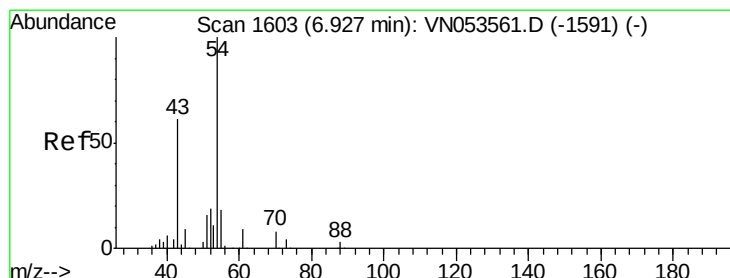
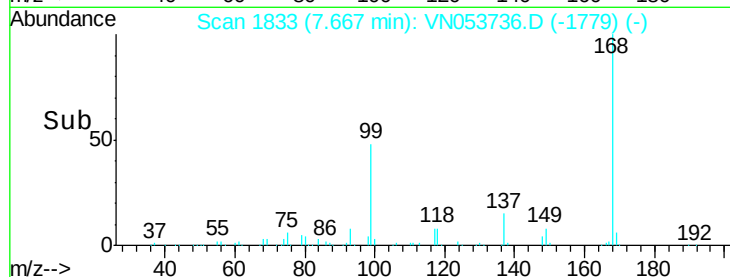
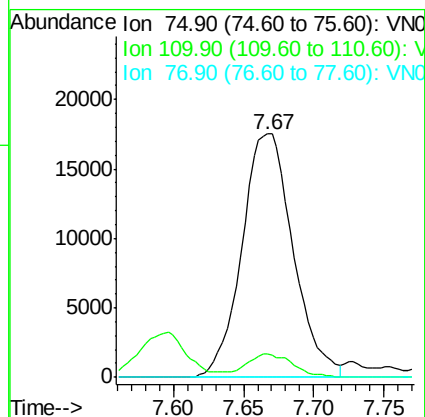
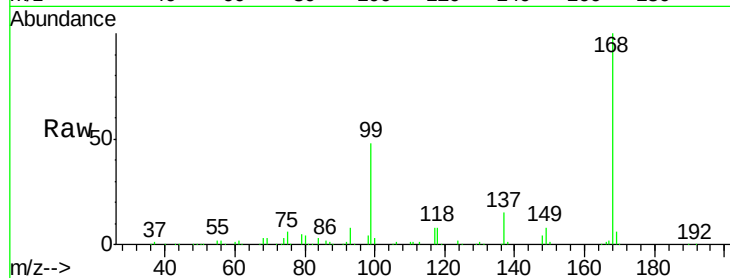
Tot Ion: 75 Resp: 44535

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.121 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.09 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

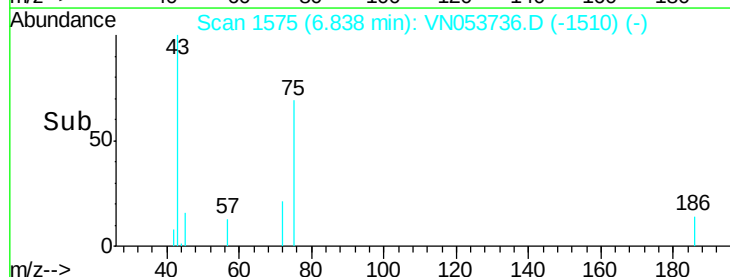
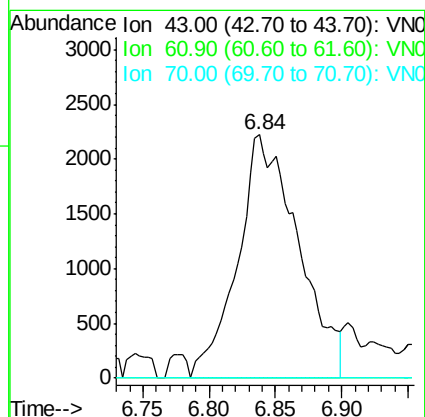
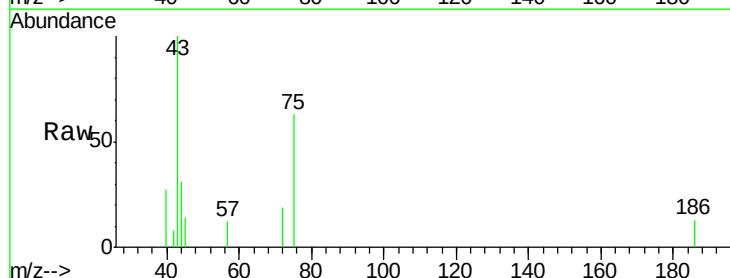
Tgt Ion: 43 Resp: 7103

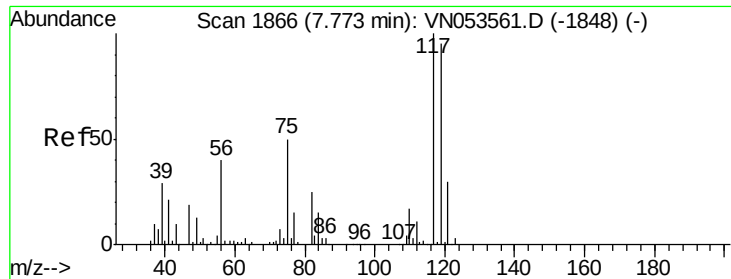
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 8.6 12.8#

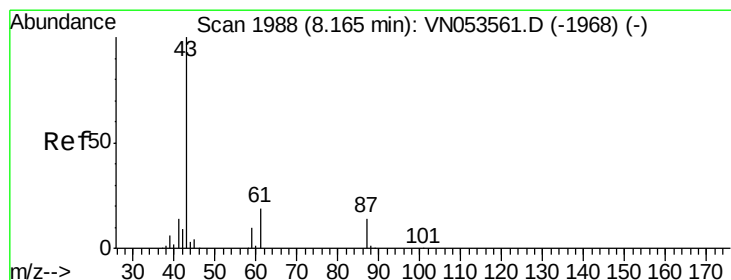
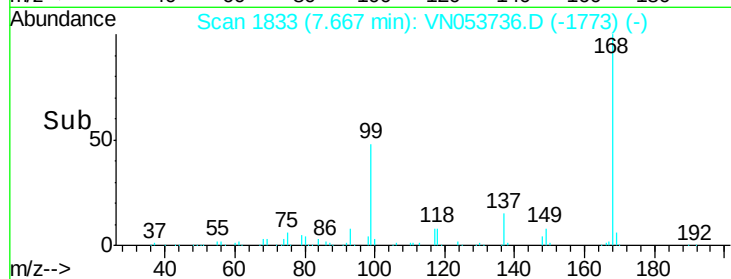
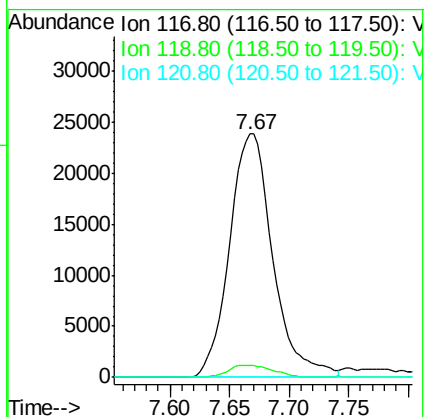
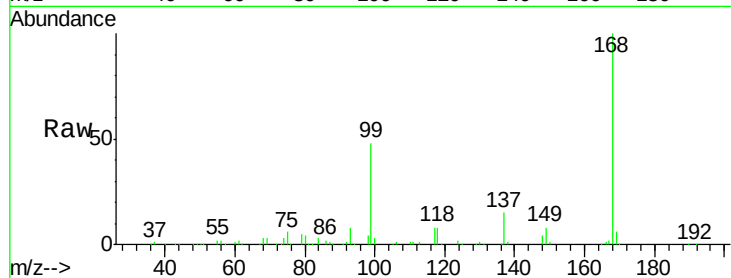




#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

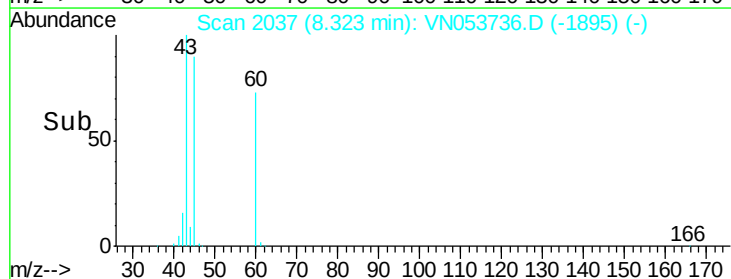
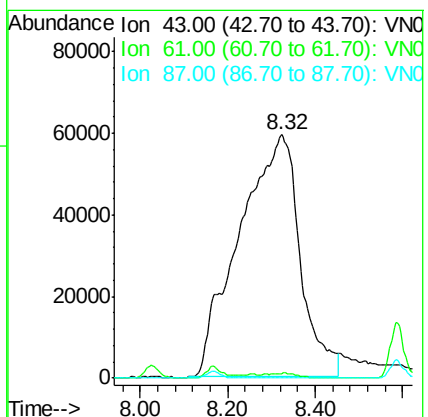
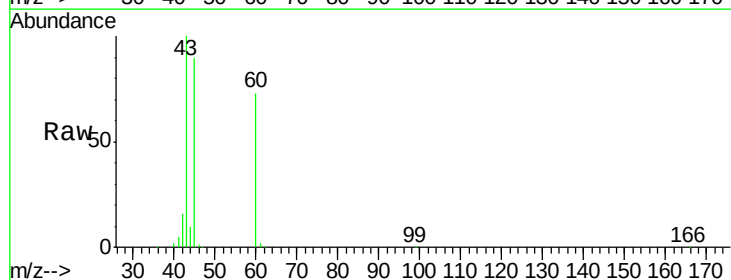
Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

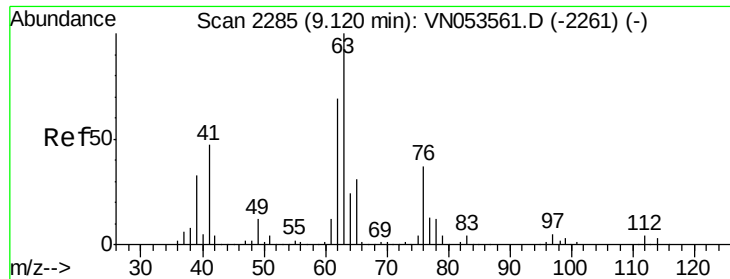
Tot Ion:117 Resp: 60213
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 46.756 ug/l
RT: 8.32 min Scan# 2037
Delta R.T. 0.16 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 572019
Ion Ratio Lower Upper
43 100
61 0.4 23.9 35.9#
87 0.0 11.0 16.6#





#45

1,2-Dichloropropane

Concen: 0.213 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

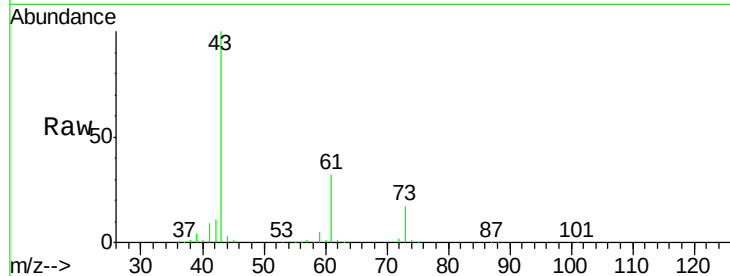
TEST-PIT-4

Tot Ion: 63 Resp: 1906

Ion Ratio Lower Upper

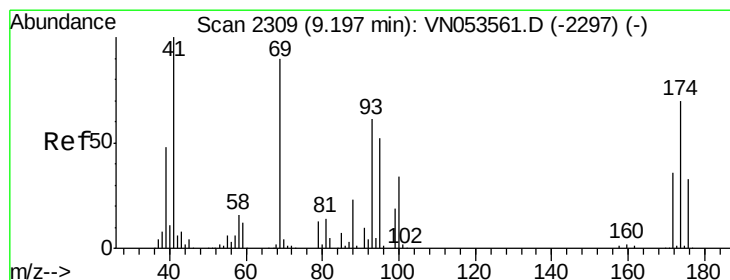
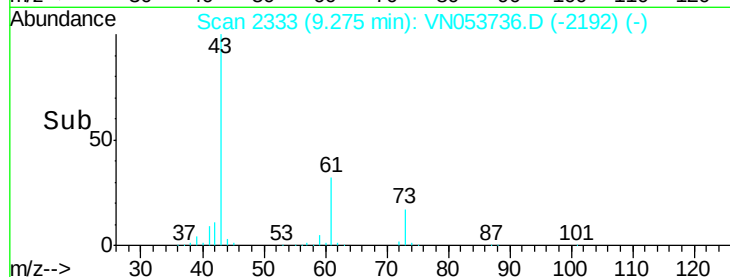
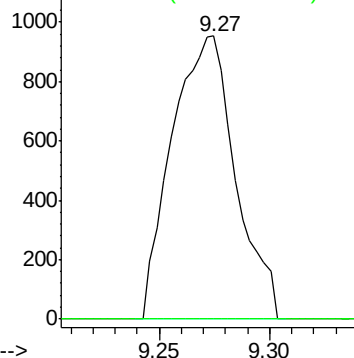
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 2.427 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

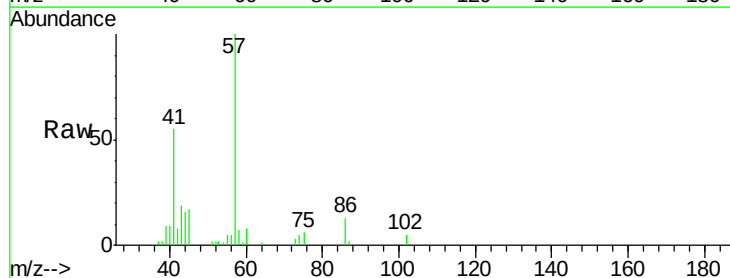
Tgt Ion: 41 Resp: 14172

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

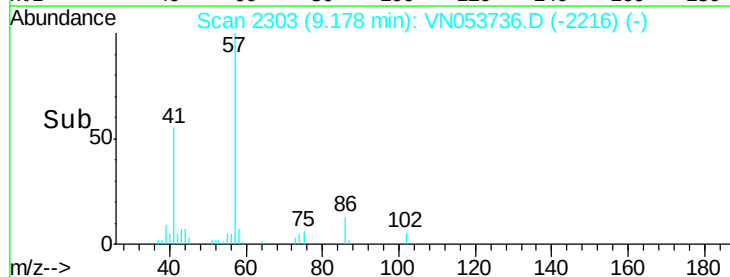
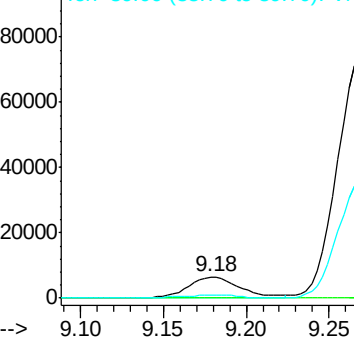
39 17.2 40.0 60.0#

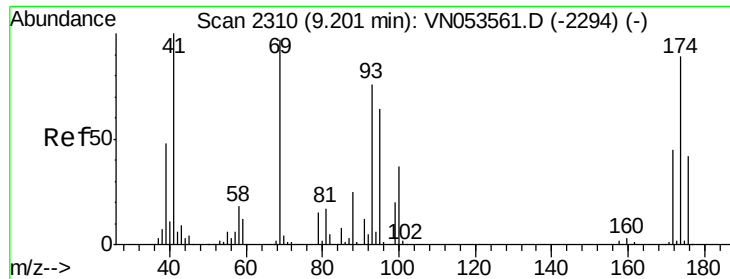


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

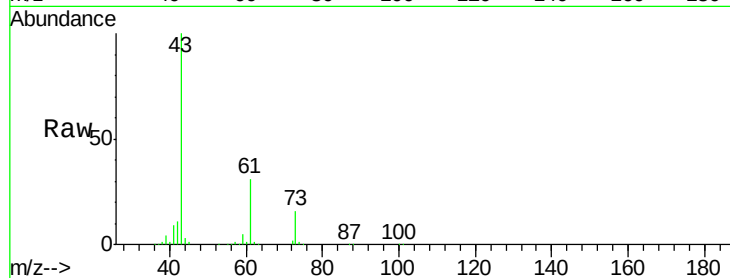




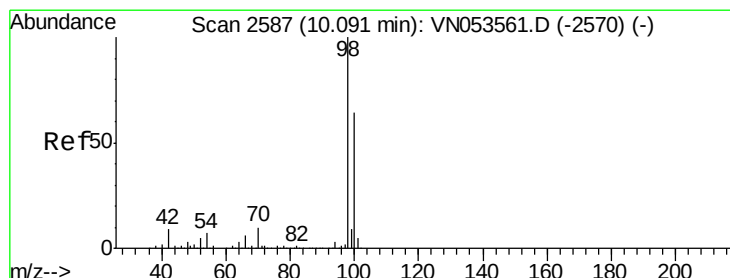
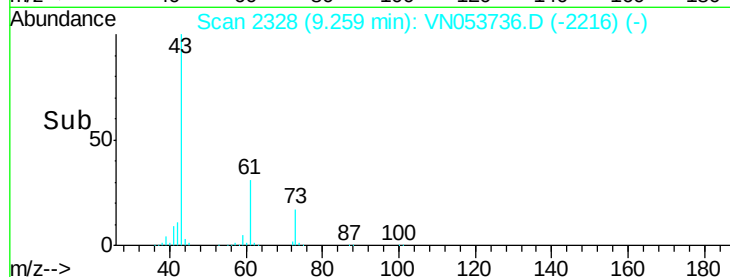
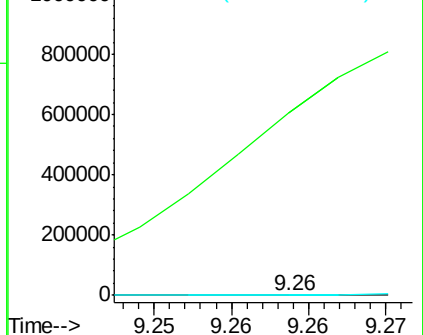
#49
1,4-Dioxane
Concen: 39.439 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

Tot Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#

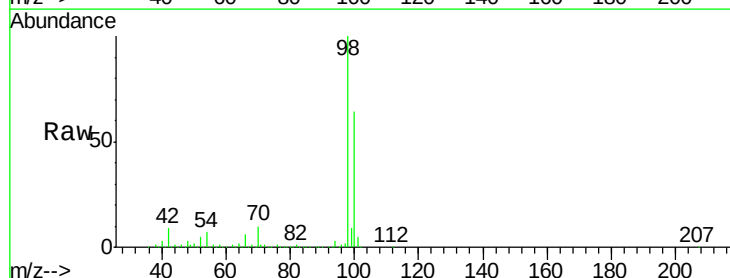


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

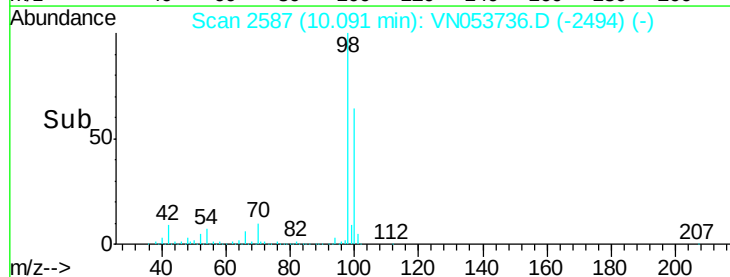
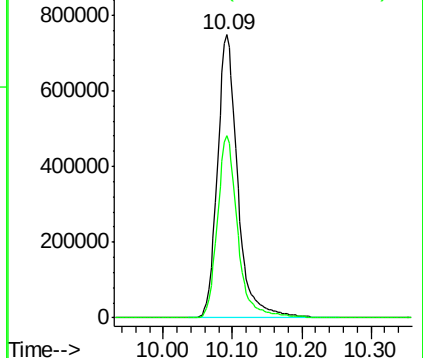


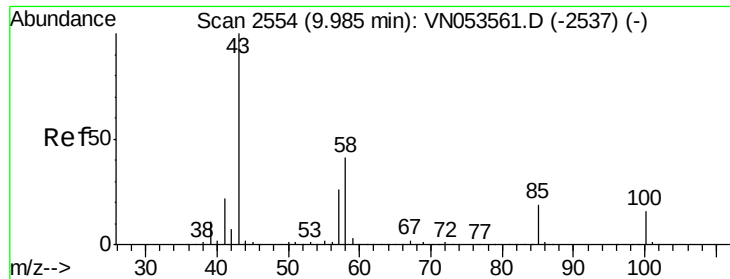
#50
Toluene-d8
Concen: 50.867 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion: 98 Resp: 1518557
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.775 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

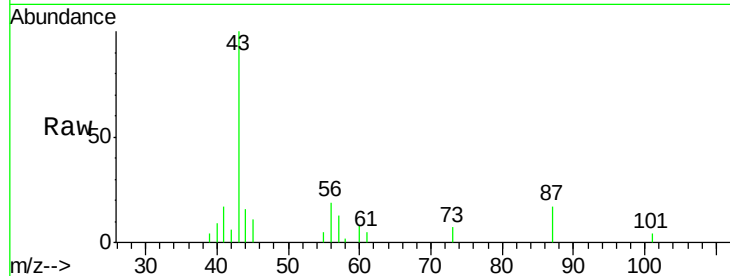
TEST-PIT-4

Tot Ion: 43 Resp: 10673

Ion Ratio Lower Upper

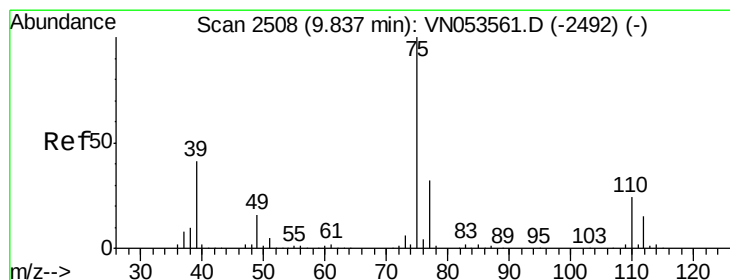
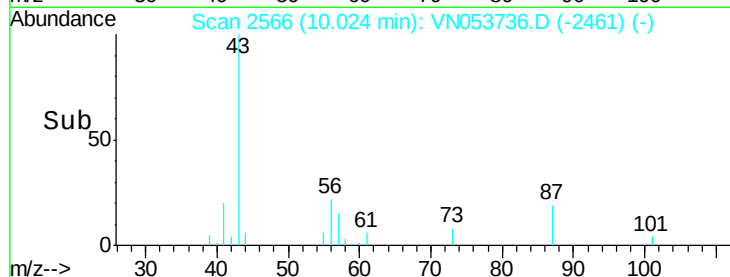
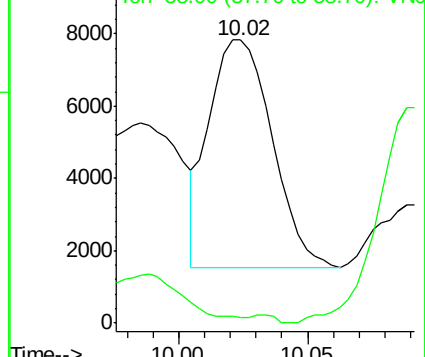
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.385 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

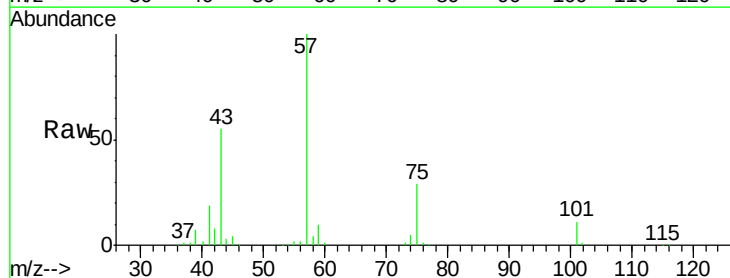
Tgt Ion: 75 Resp: 84949

Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

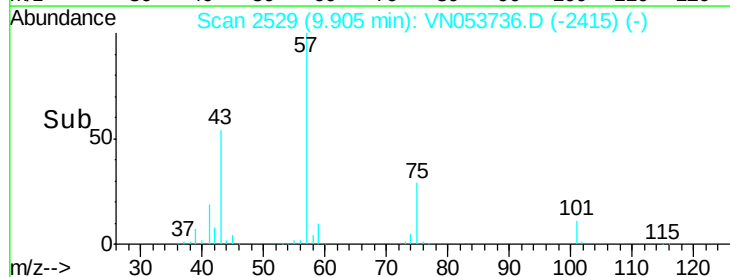
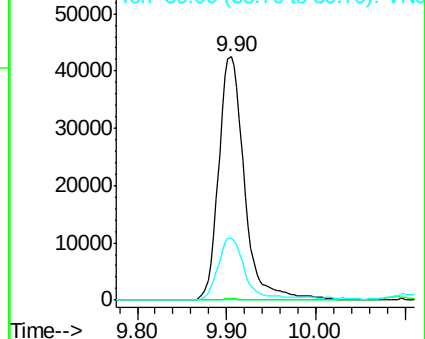
39 25.3 33.4 50.0#

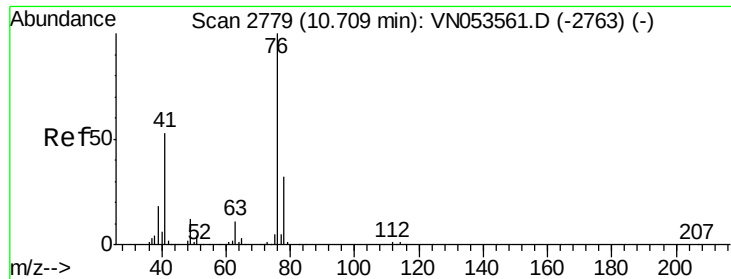


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

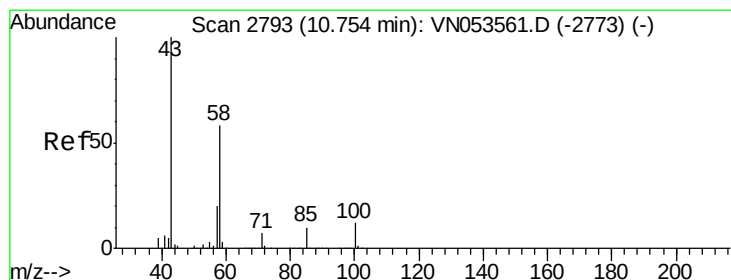
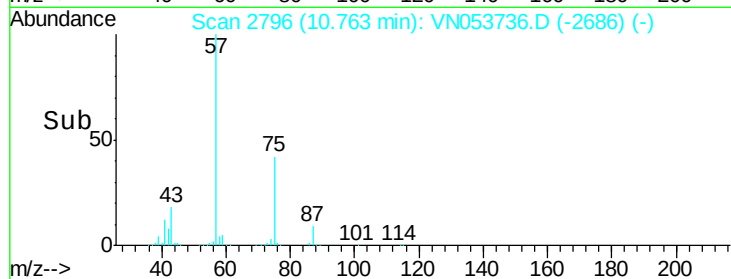
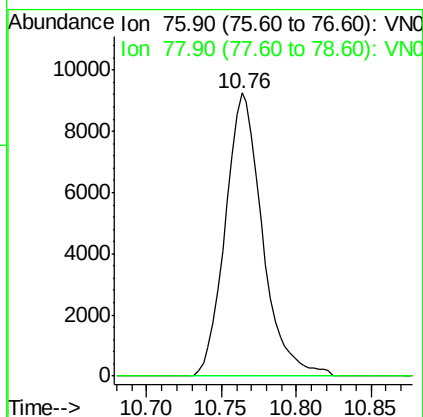
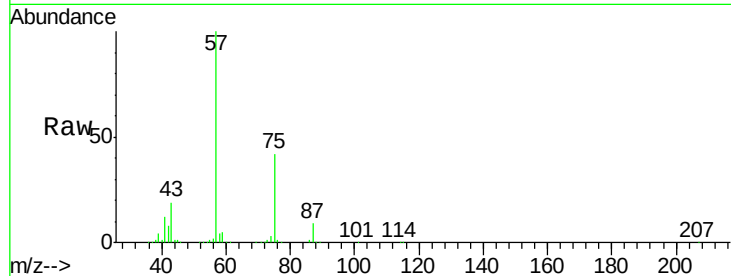




#57
 1,3-Dichloropropane
 Concen: 1.249 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053736.D
 Acq: 12 Feb 2019 17:47

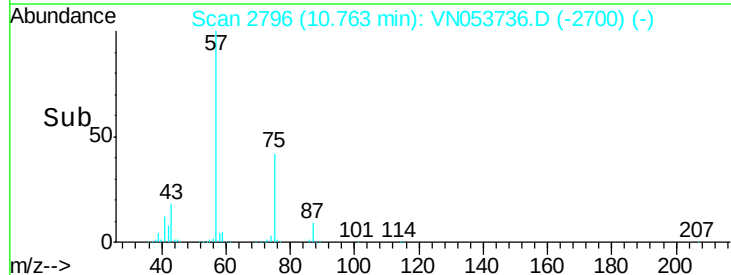
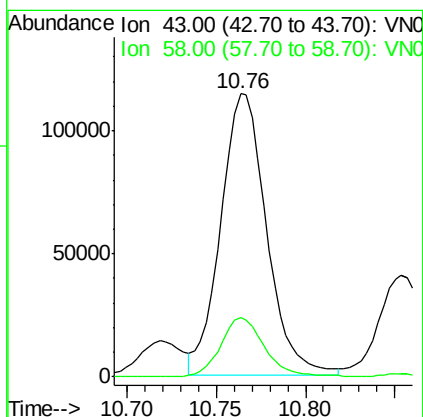
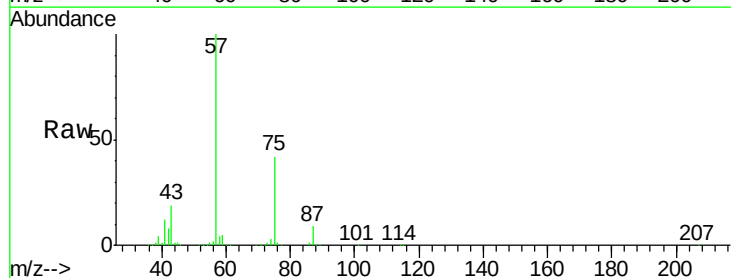
Instrument :
 MSVOA_N
 ClientSampled :
 TEST-PIT-4

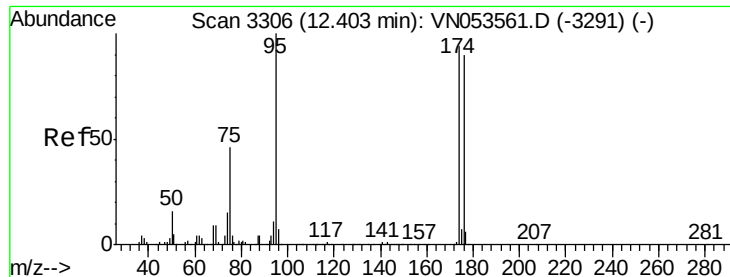
Tot Ion: 76 Resp: 15968
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 50.127 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053736.D
 Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 204583
 Ion Ratio Lower Upper
 43 100
 58 20.3 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 51.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-4

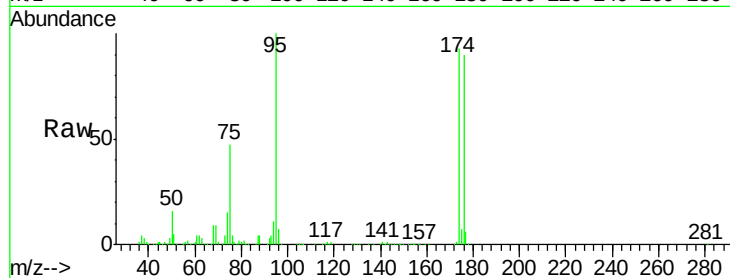
Tot Ion: 95 Resp: 516219

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.2

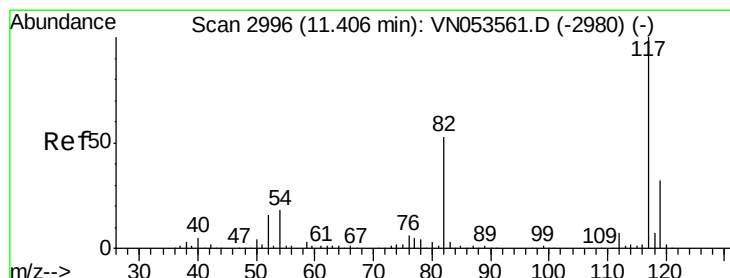
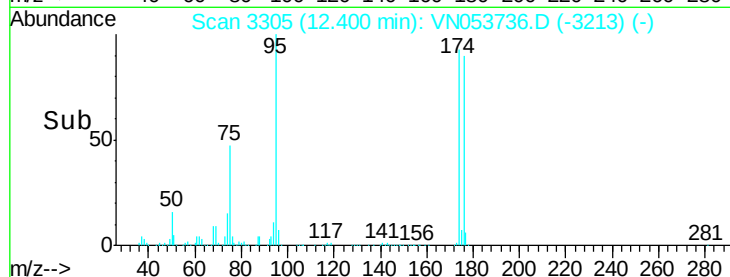
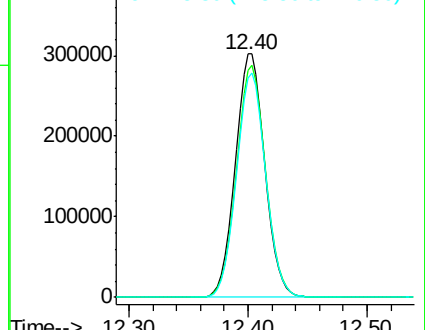
176 91.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

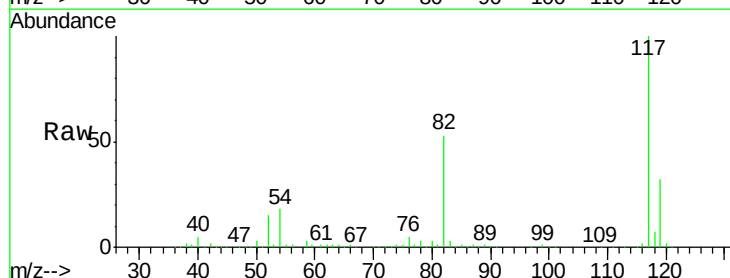
Tgt Ion: 117 Resp: 1174856

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

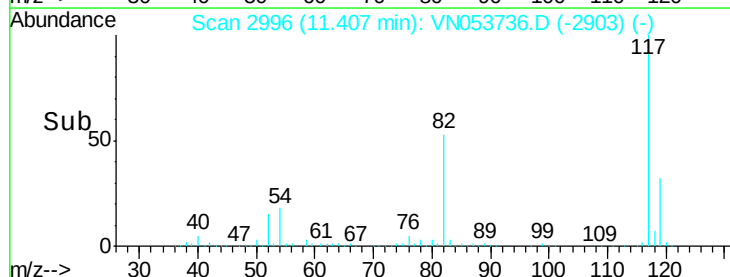
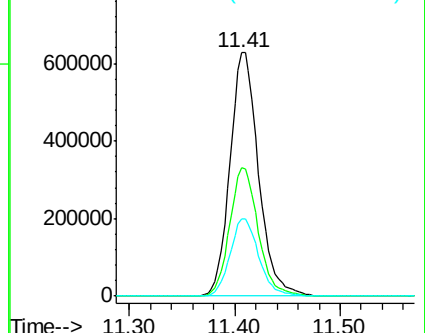
119 31.9 26.0 39.0

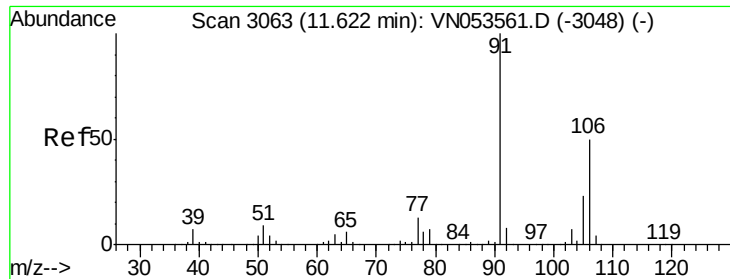


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

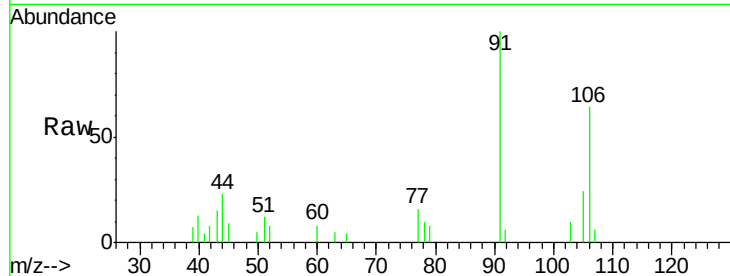




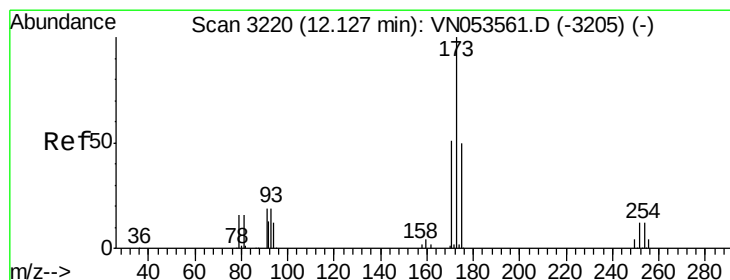
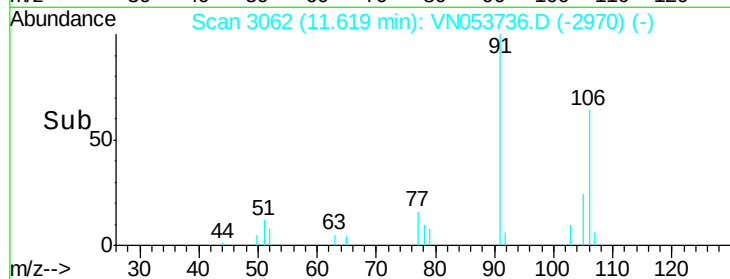
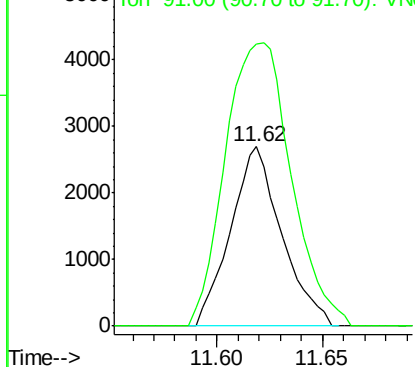
#68
m/p-Xvlenes
Concen: 0.289 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-4

Tot Ion:106 Resp: 4528
Ion Ratio Lower Upper
106 100
91 203.8 161.4 242.2

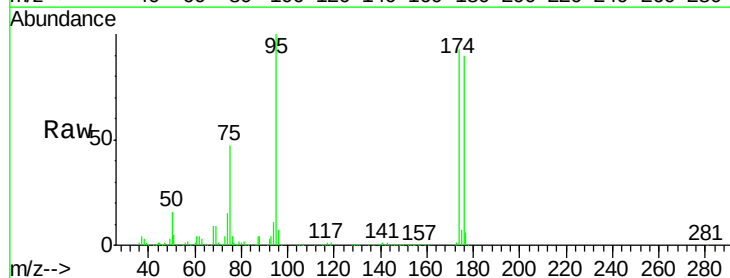


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

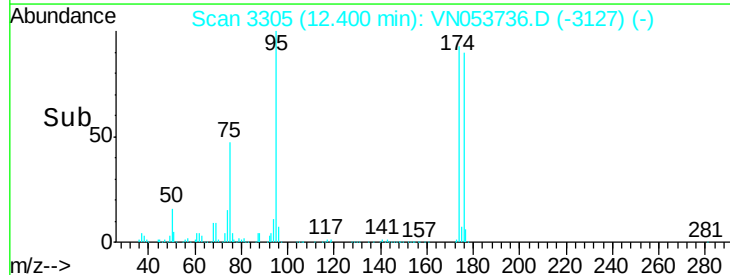
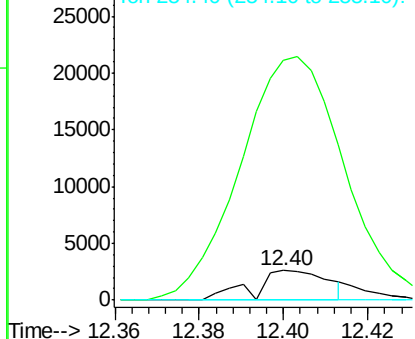


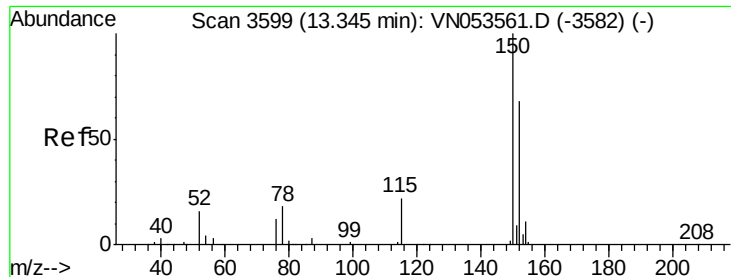
#71
Bromoform
Concen: 0.524 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Tgt Ion:173 Resp: 3132
Ion Ratio Lower Upper
173 100
175 1013.7 24.6 74.0#
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampleId :

TEST-PIT-4

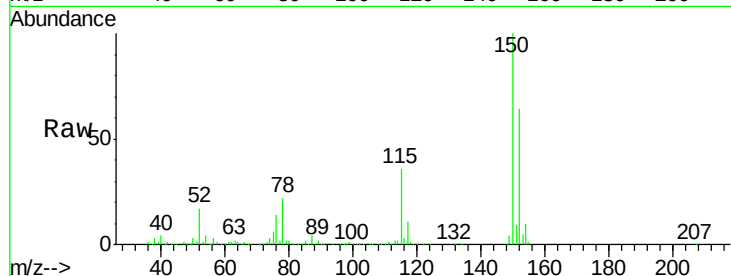
Tot Ion:152 Resp: 528522

Ion Ratio Lower Upper

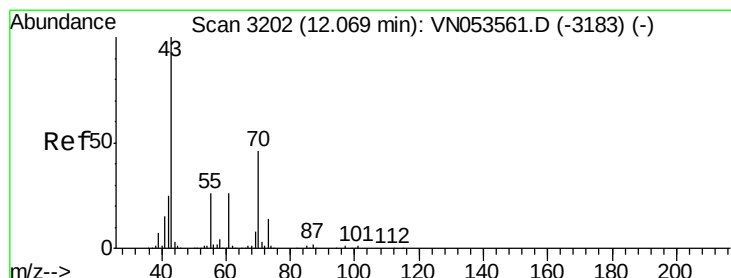
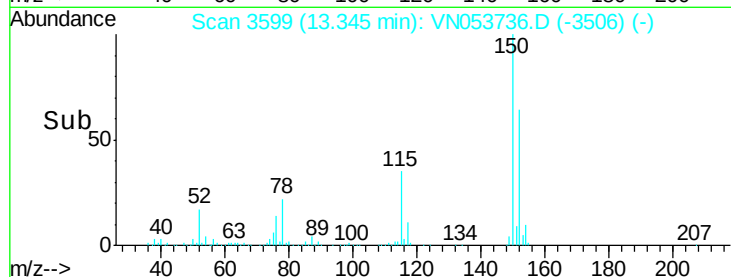
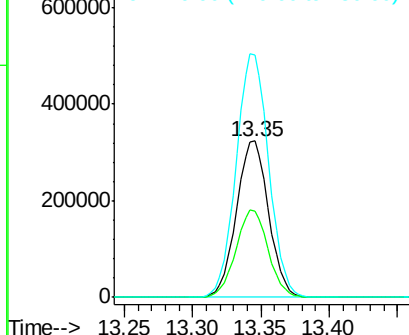
152 100

115 55.9 27.8 83.4

150 157.7 0.0 349.0



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



#74

N-ethyl acetate

Concen: 2.500 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Tgt Ion: 43 Resp: 22338

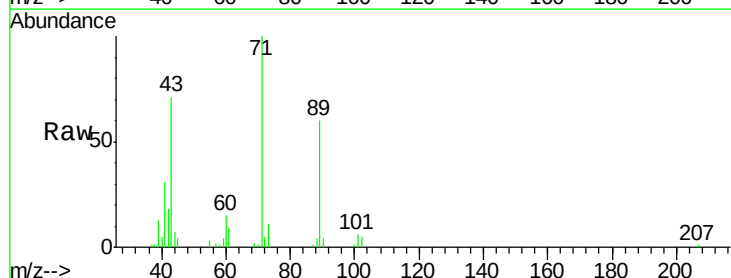
Ion Ratio Lower Upper

43 100

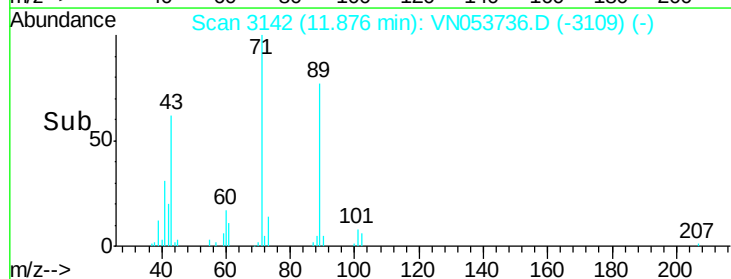
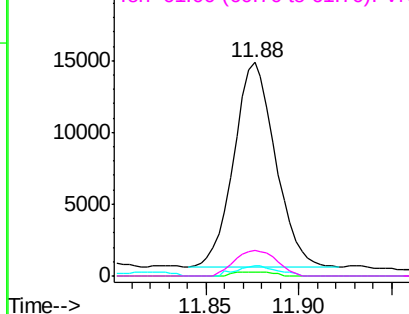
70 1.8 35.4 53.2#

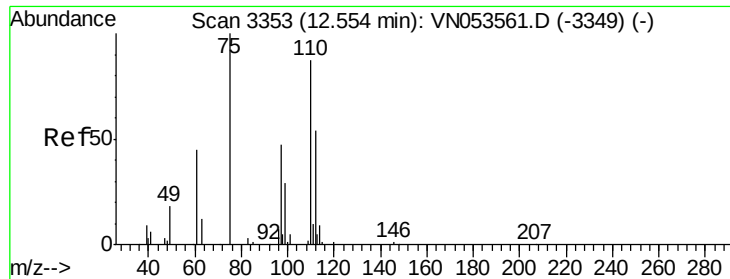
55 4.9 20.9 31.3#

61 12.6 20.5 30.7#



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





#76

1,2,3-Trichloropropane

Concen: 35.572 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

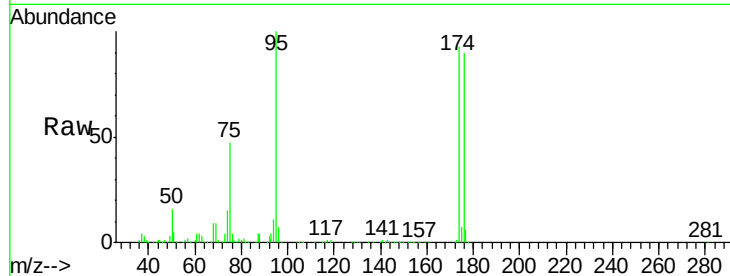
TEST-PIT-4

Tot Ion: 75 Resp: 241485

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3349) (-)

12.40

150000

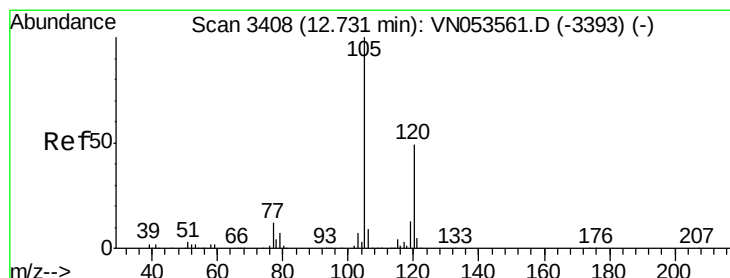
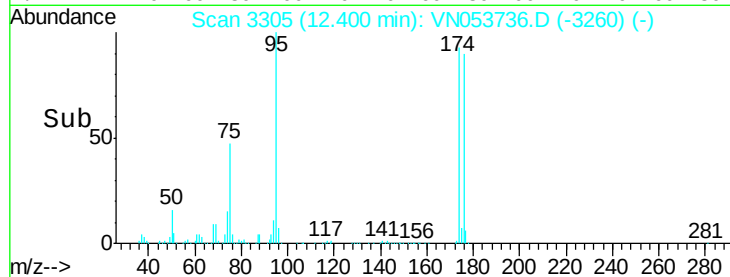
100000

50000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.312 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053736.D

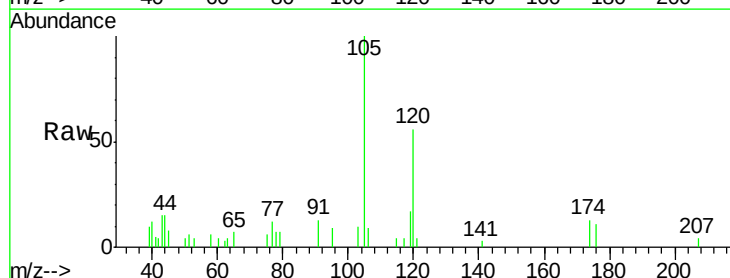
Acq: 12 Feb 2019 17:47

Tgt Ion: 105 Resp: 9616

Ion Ratio Lower Upper

105 100

120 51.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)

12.73

6000

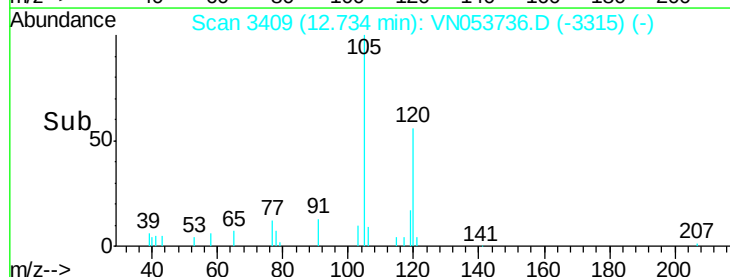
4000

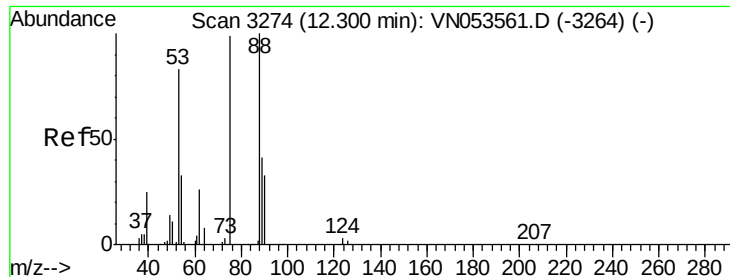
2000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 100.027 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053736.D

Acq: 12 Feb 2019 17:47

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-4

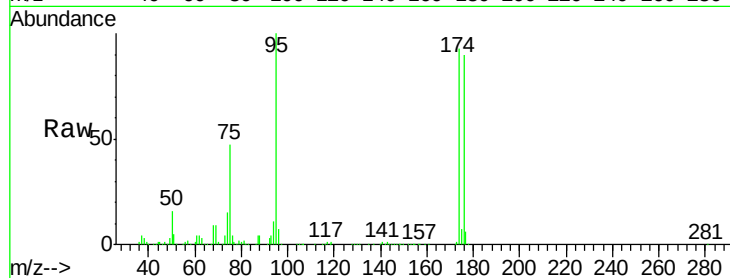
Tot Ion: 75 Resp: 241485

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

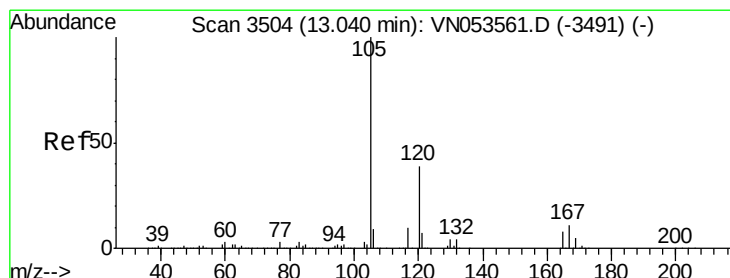
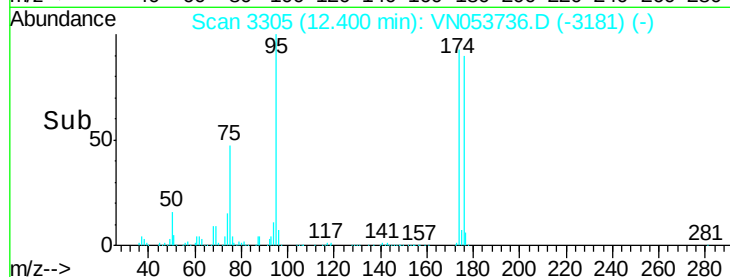
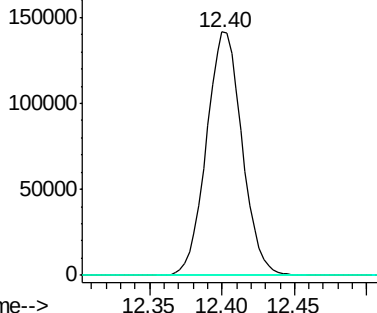
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053736.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053736.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053736.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.573 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053736.D

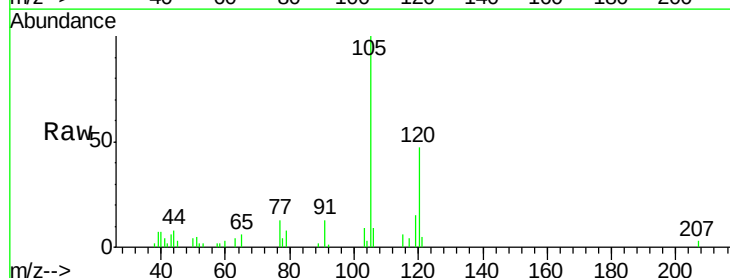
Acq: 12 Feb 2019 17:47

Tgt Ion: 105 Resp: 17993

Ion Ratio Lower Upper

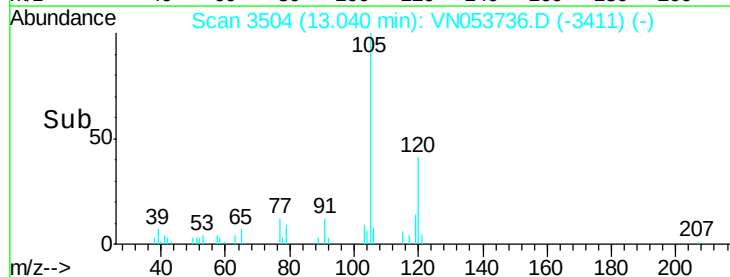
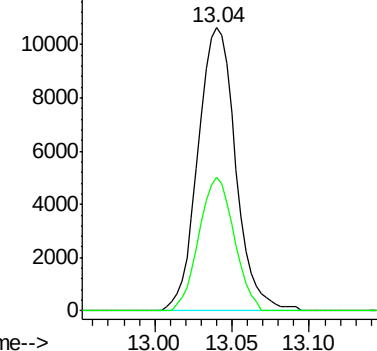
105 100

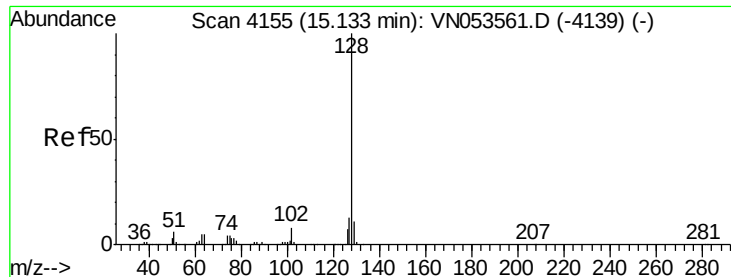
120 43.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053736.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053736.D (-3411) (-)

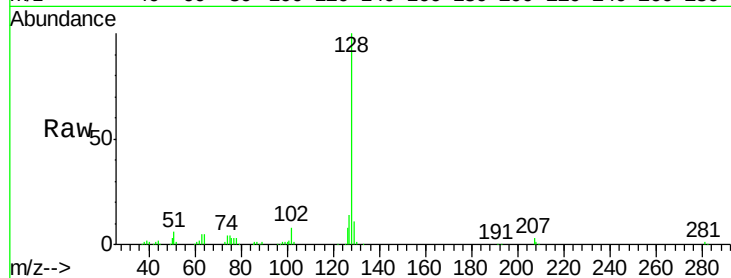




#95
Naphthalene
Concen: 6.961 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053736.D
Acq: 12 Feb 2019 17:47

Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

