

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060612.D
 Acq On : 18 Mar 2020 23:58
 Operator : JC/MD
 Sample : L1966-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-3

Quant Time: Mar 19 05:06:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

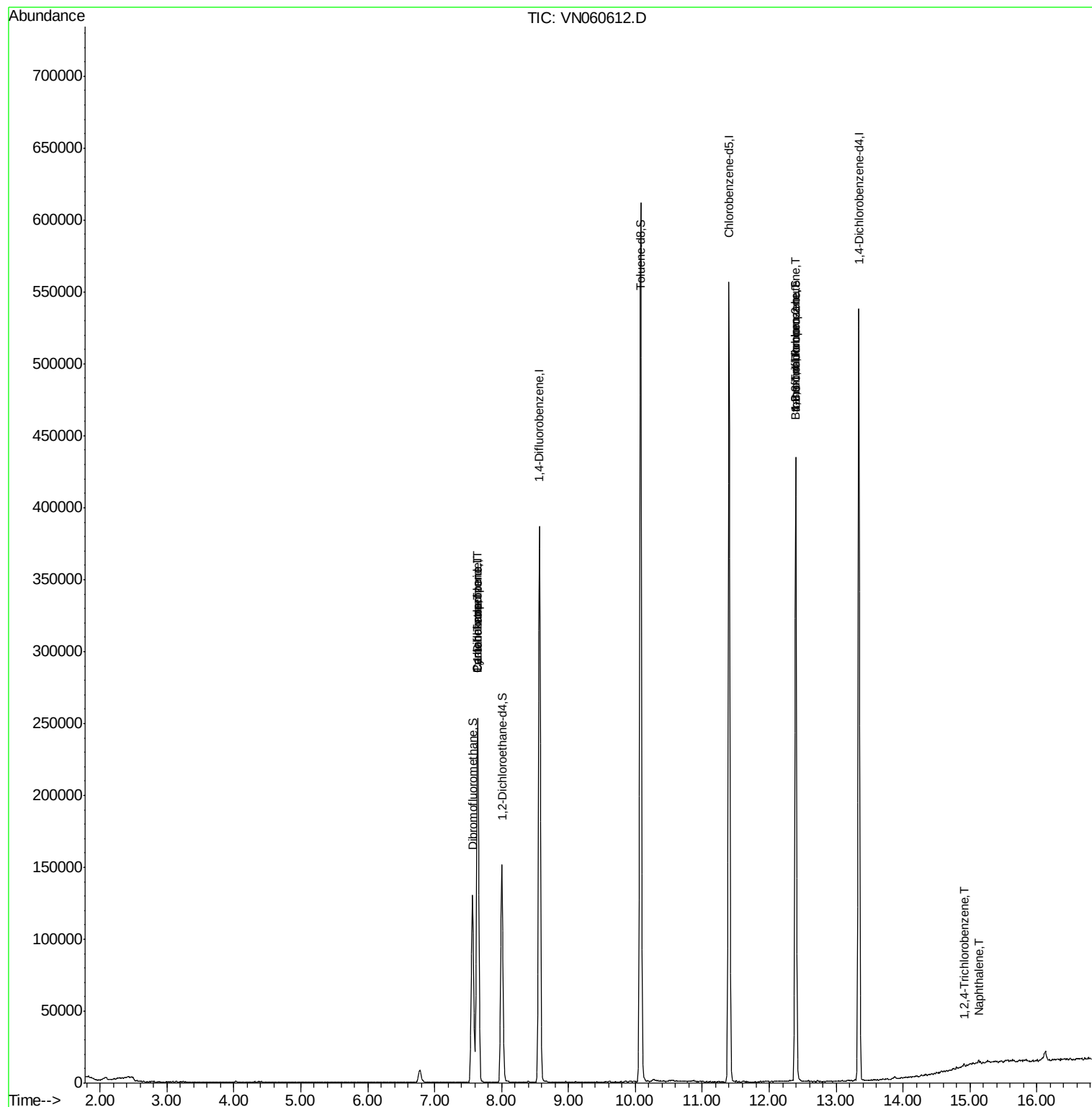
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	344110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132566	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	7.56	113	101081	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.08	98	421514	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	156058	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	4275	0.930	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	16276	4.885	ug/l #	49
38) Carbon Tetrachloride	7.64	117	19526	6.538	ug/l #	17
71) Bromoform	12.38	173	139	1.751	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	78027	25.625	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	78027	65.814	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.90	180	712	0.269	ug/l #	78
95) Naphthalene	15.13	128	2526	0.318	ug/l #	84

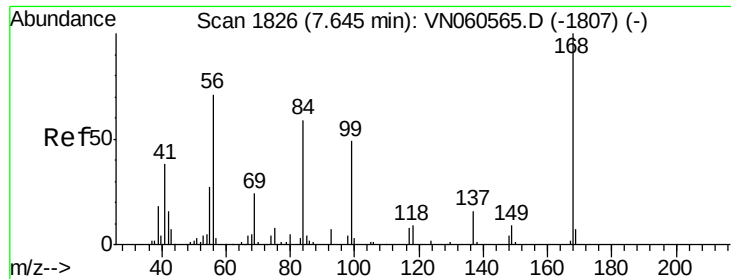
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 05:06:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

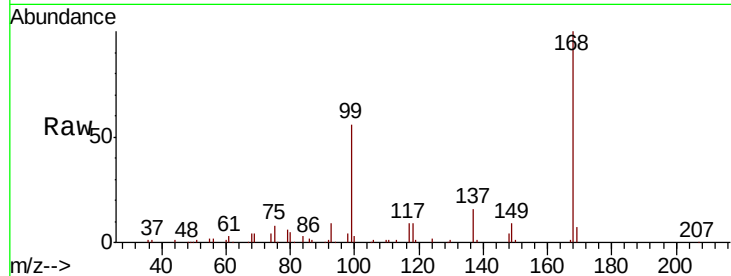
Instrument :
MSVOA_N
ClientSampleId :
TEST-PIT-3

Tot Ion:168 Resp: 207896

Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

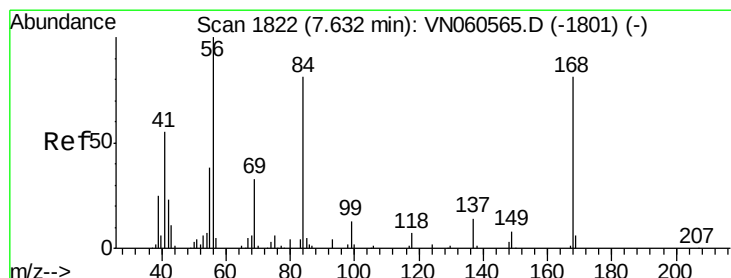
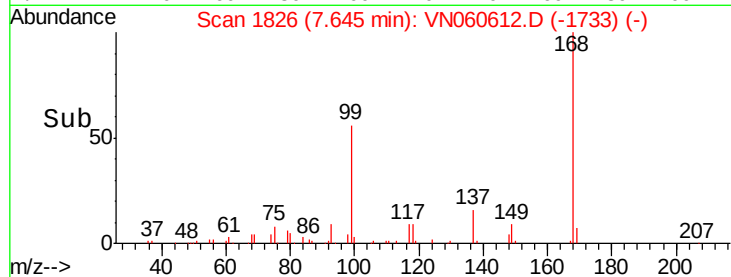
40000

20000

0

7.60 7.70

Time-->



#31

Cyclohexane

Concen: 0.930 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

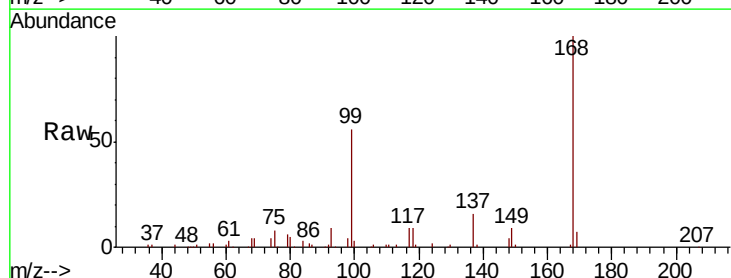
Tgt Ion: 56 Resp: 4275

Ion Ratio Lower Upper

56 100

69 187.8 26.6 40.0#

84 160.2 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

4000

3000

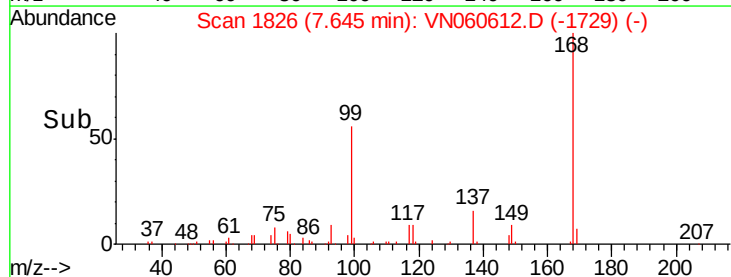
2000

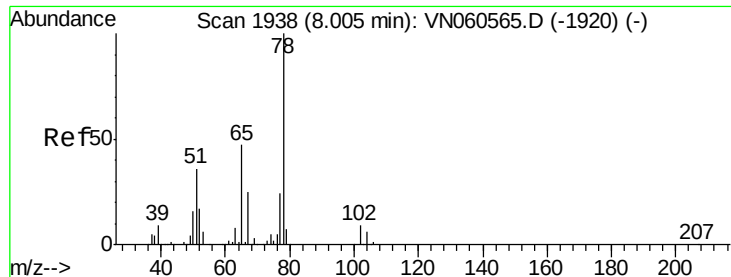
1000

0

7.60 7.65 7.70

Time-->

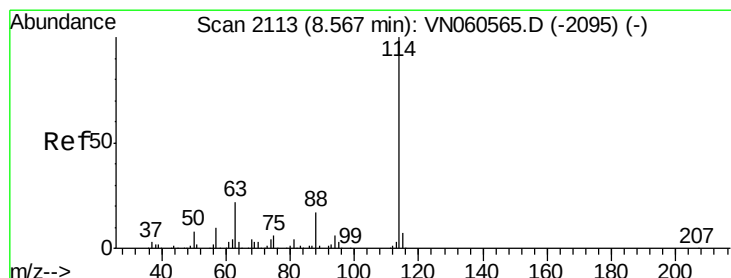
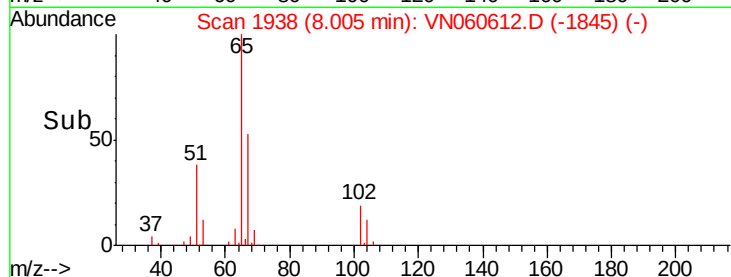
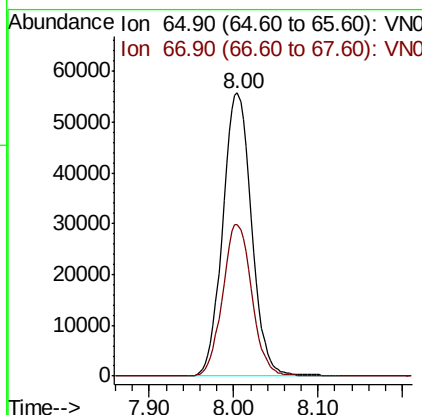
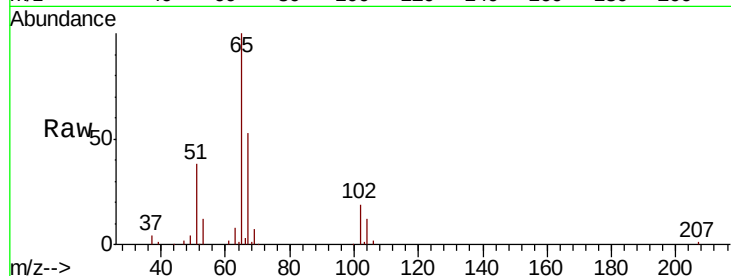




#33
 1,2-Dichloroethane-d4
 Concen: 46.450 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060612.D
 Acq: 18 Mar 2020 23:58

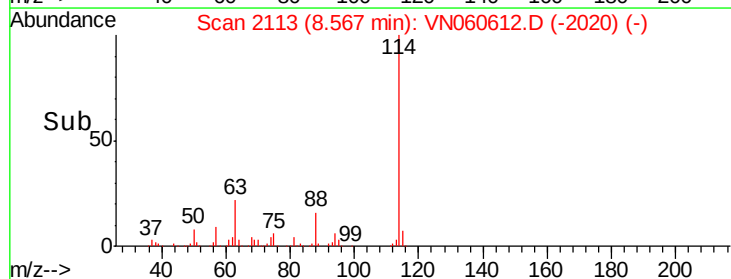
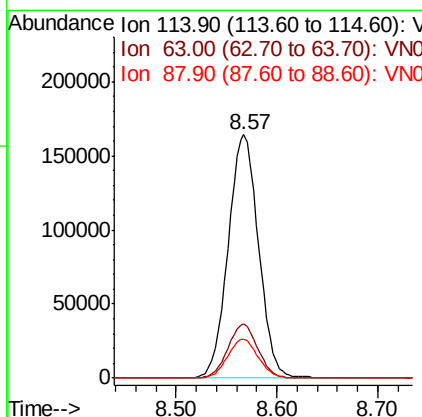
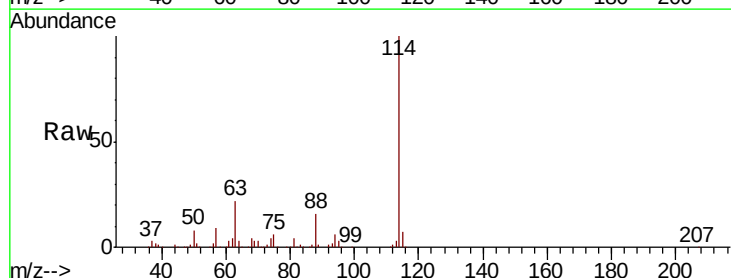
Instrument :
 MSVOA_N
 ClientSampleId :
 TEST-PIT-3

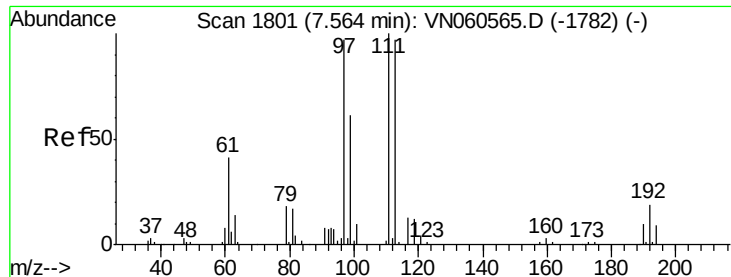
Tot Ion: 65 Resp: 132566
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060612.D
 Acq: 18 Mar 2020 23:58

Tgt Ion: 114 Resp: 344110
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.1 0.0 33.0

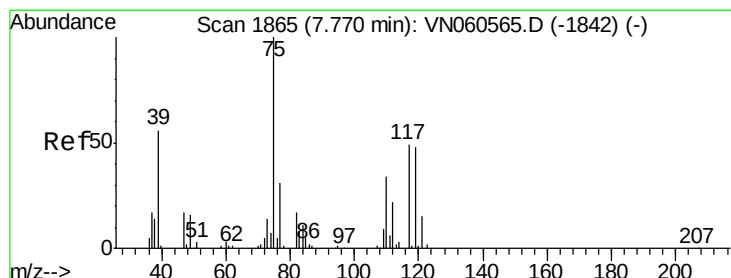
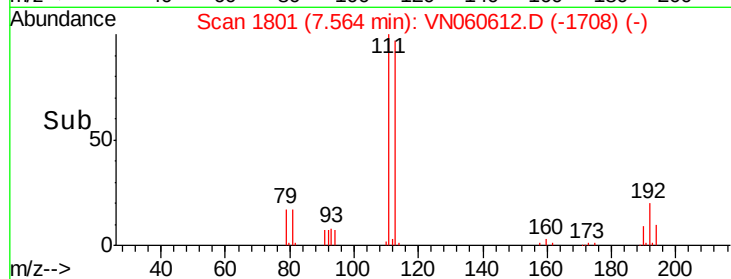
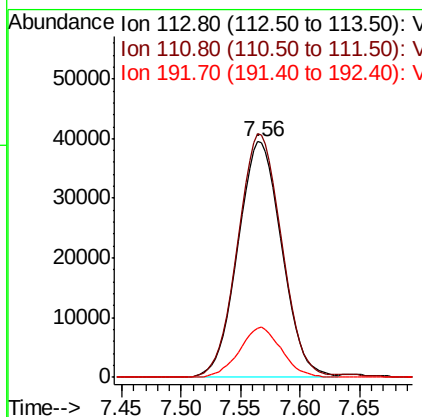
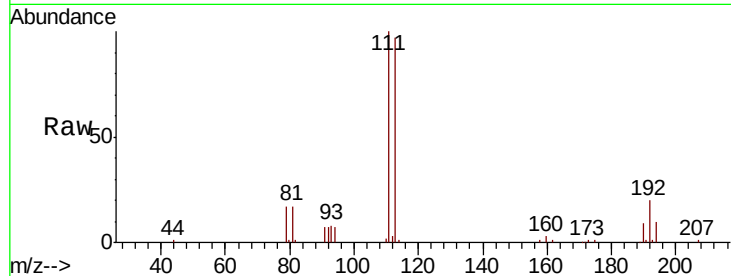




#35
Dibromofluoromethane
Concen: 48.580 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

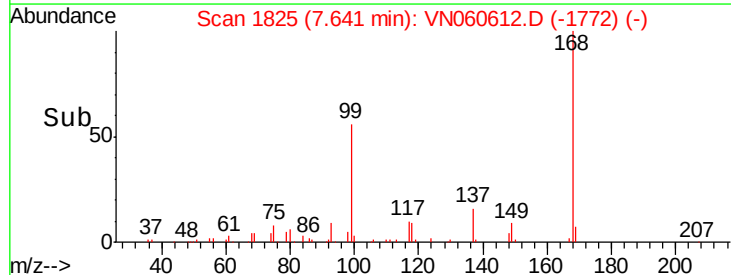
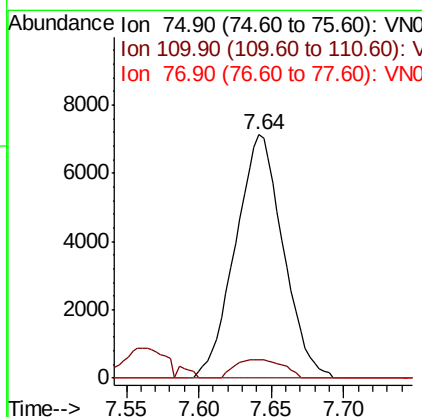
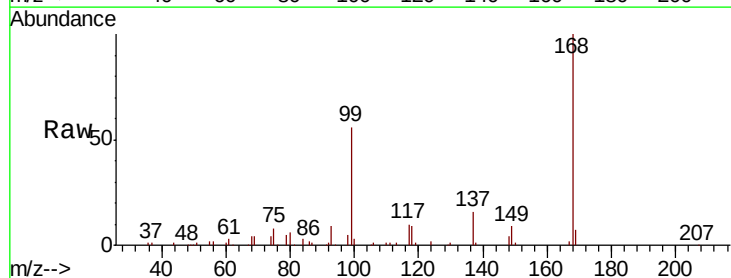
Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-3

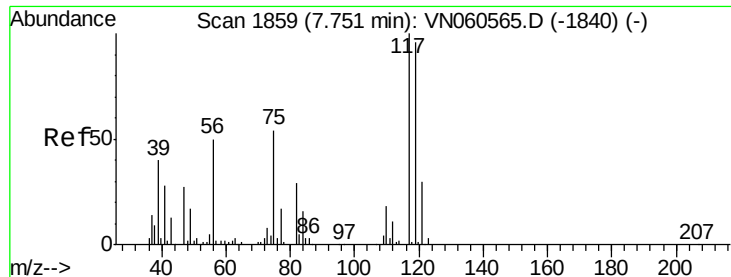
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.4	15.8	23.8



#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.9	50.6#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

TEST-PIT-3

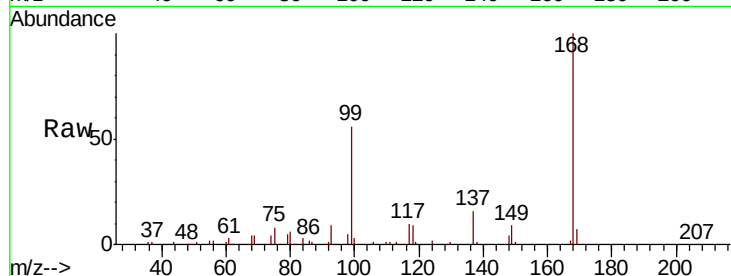
Tot Ion:117 Resp: 19526

Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

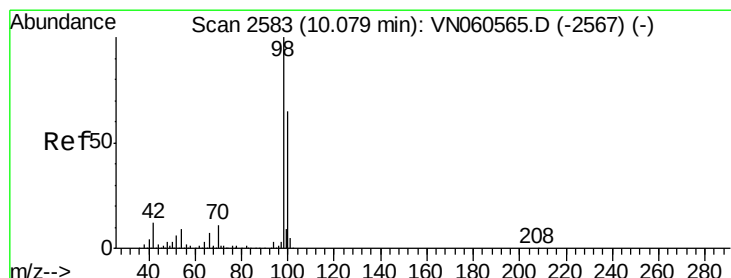
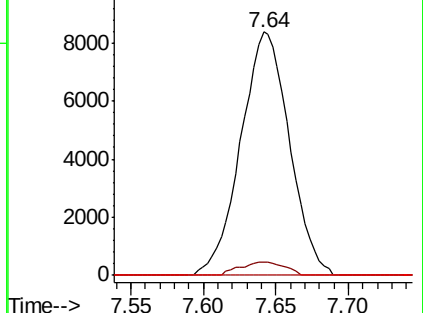
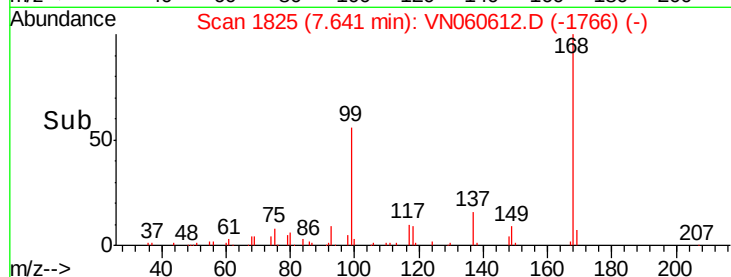
121 0.0 23.7 35.5#



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



#50

Toluene-d8

Concen: 49.596 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060612.D

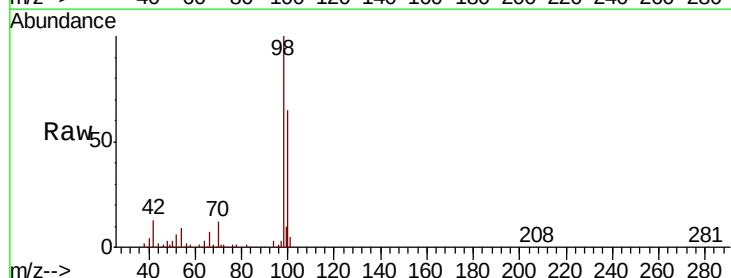
Acq: 18 Mar 2020 23:58

Tgt Ion: 98 Resp: 421514

Ion Ratio Lower Upper

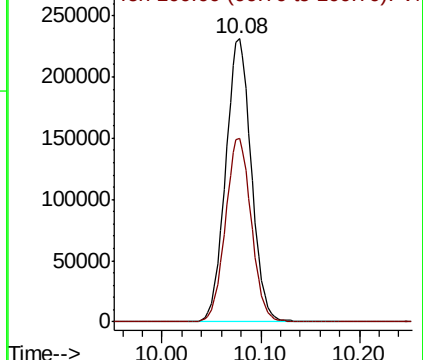
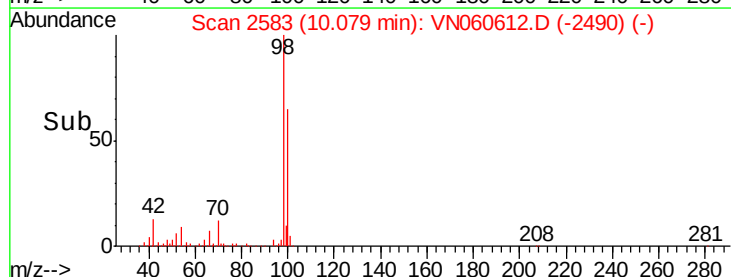
98 100

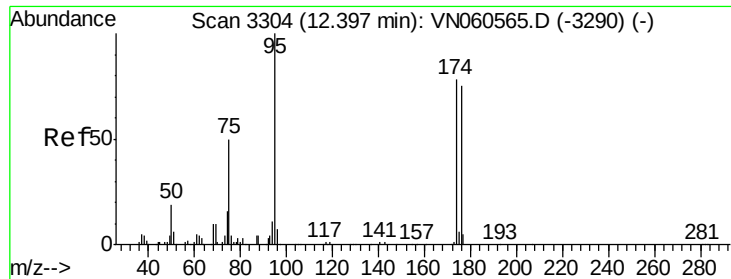
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

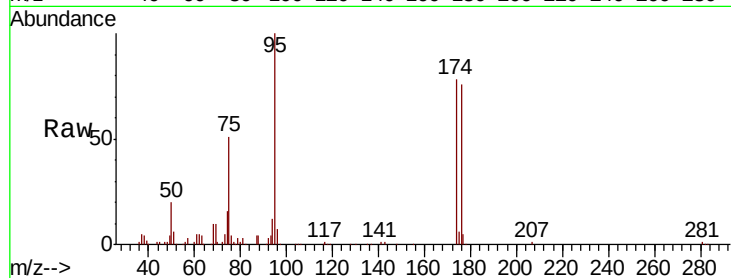




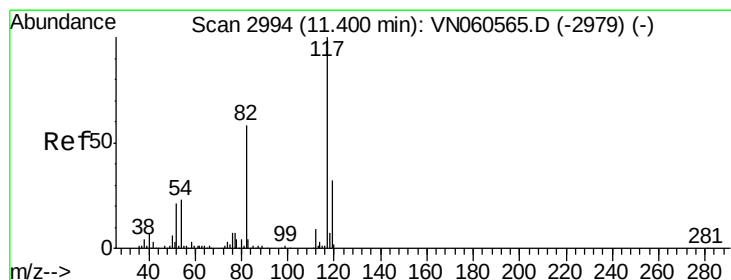
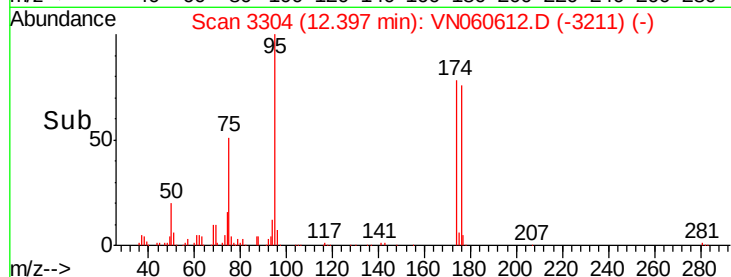
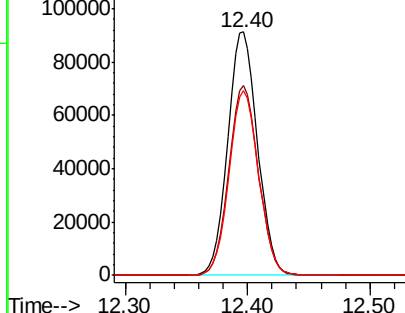
#62
4-Bromofluorobenzene
Concen: 50.103 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-3

Tot Ion: 95 Resp: 156058
Ion Ratio Lower Upper
95 100
174 77.3 0.0 157.6
176 75.0 0.0 150.6

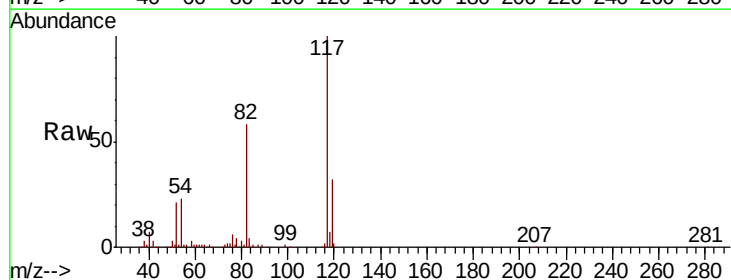


Abundance Ion 94.90 (94.60 to 95.60): VN060612.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN060612.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN060612.D (-3290) (-)

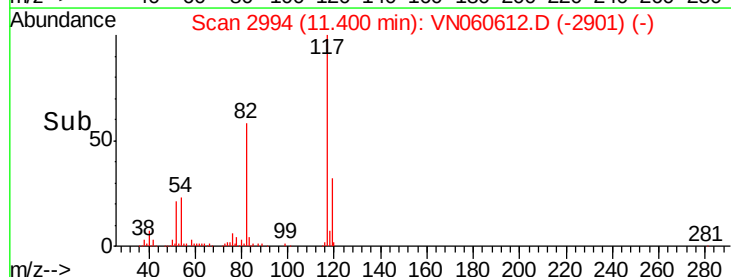
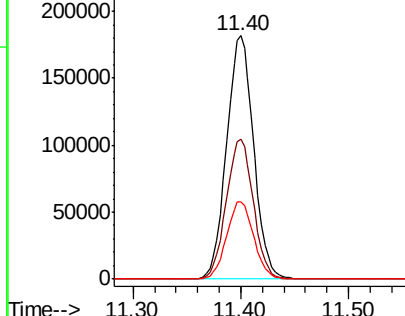


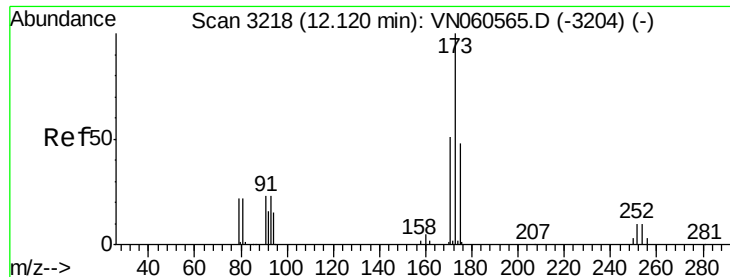
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Tgt Ion: 117 Resp: 317216
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060612.D (-2979) (-)
Ion 82.00 (81.70 to 82.70): VN060612.D (-2979) (-)
Ion 118.90 (118.60 to 119.60): VN060612.D (-2979) (-)

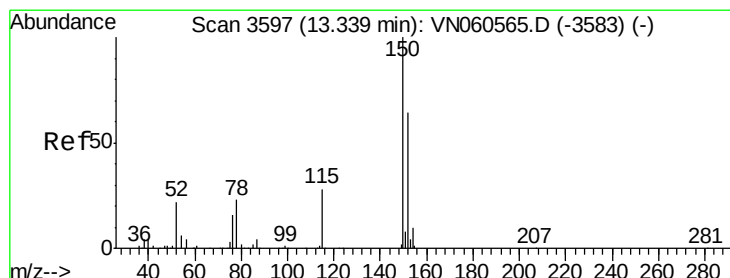
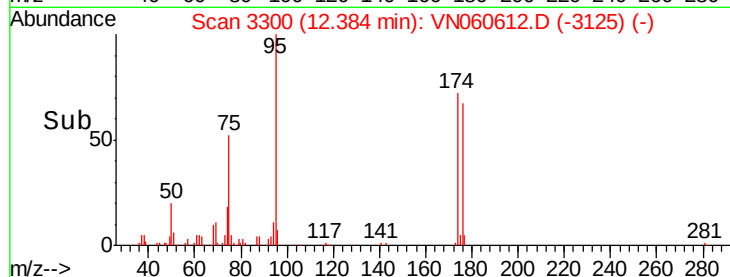
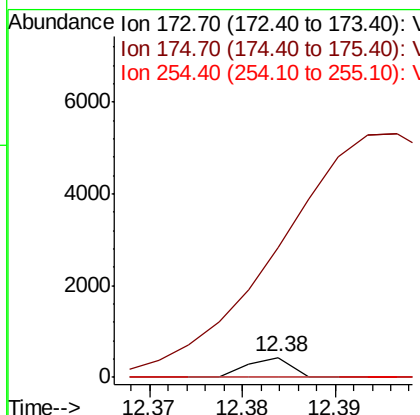
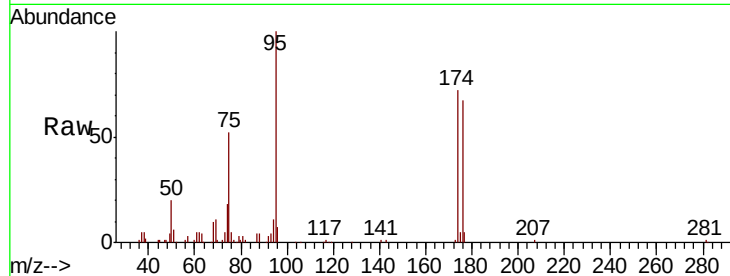




#71
Bromoform
Concen: 1.751 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

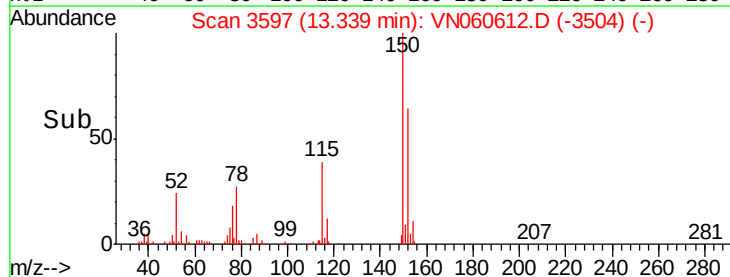
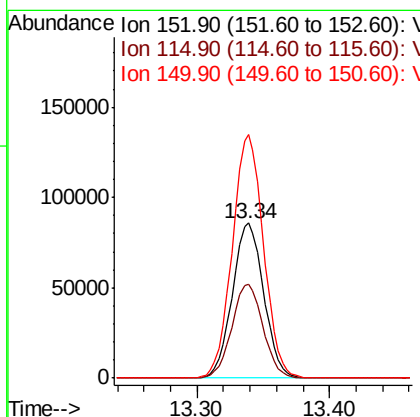
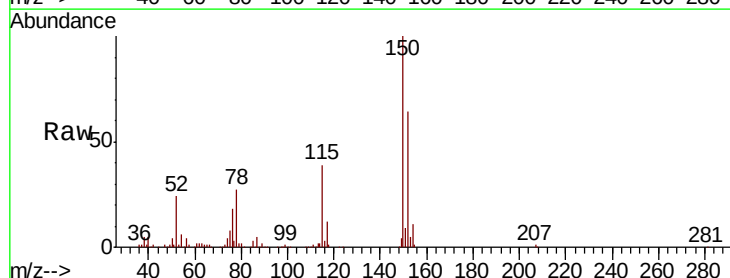
Instrument :
MSVOA_N
ClientSampled :
TEST-PIT-3

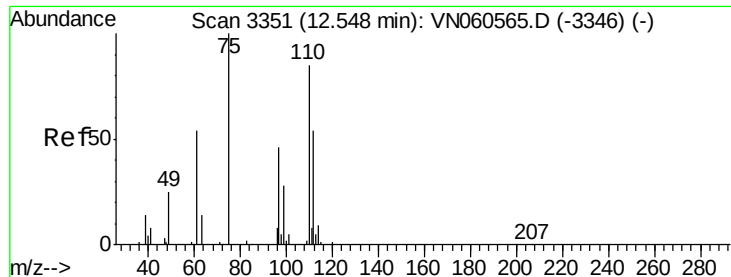
Tot Ion:173 Resp: 139
Ion Ratio Lower Upper
173 100
175 5398.6 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060612.D
Acq: 18 Mar 2020 23:58

Tgt Ion:152 Resp: 141112
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 156.0 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 25.625 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

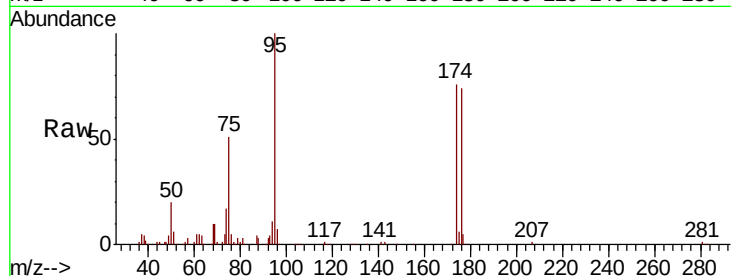
TEST-PIT-3

Tot Ion: 75 Resp: 78027

Ion Ratio Lower Upper

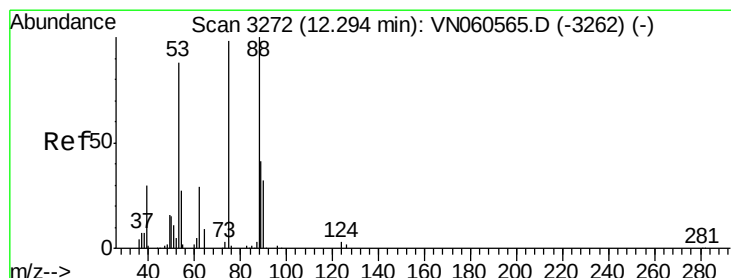
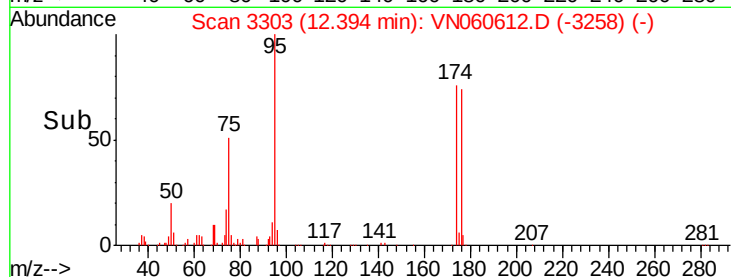
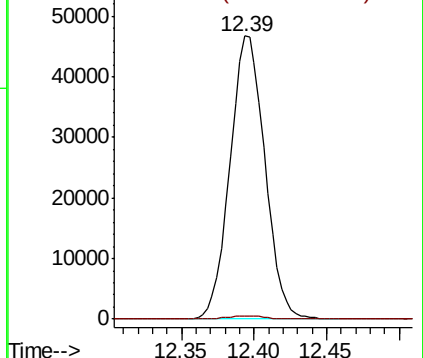
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 65.814 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060612.D

Acq: 18 Mar 2020 23:58

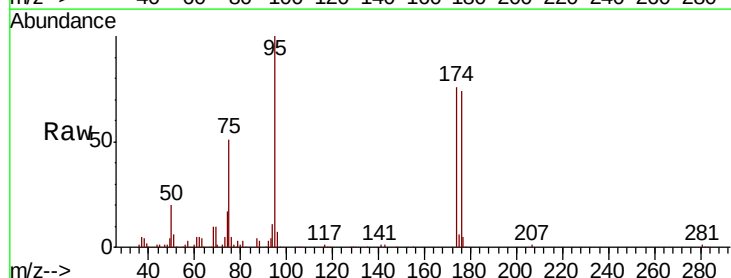
Tgt Ion: 75 Resp: 78027

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

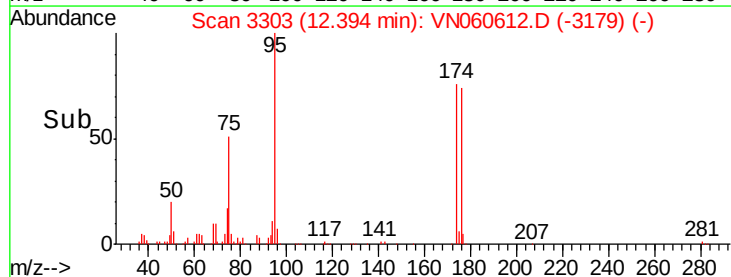
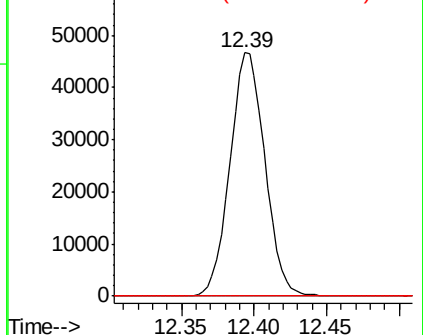
89 0.0 34.8 52.2#

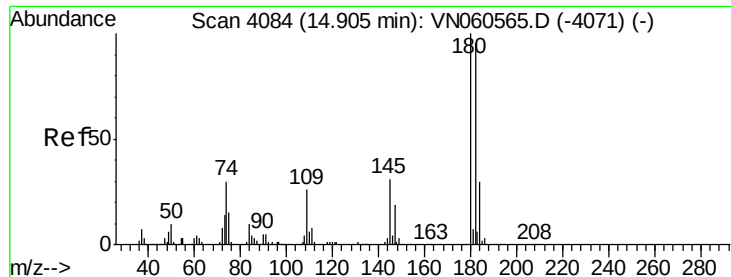


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

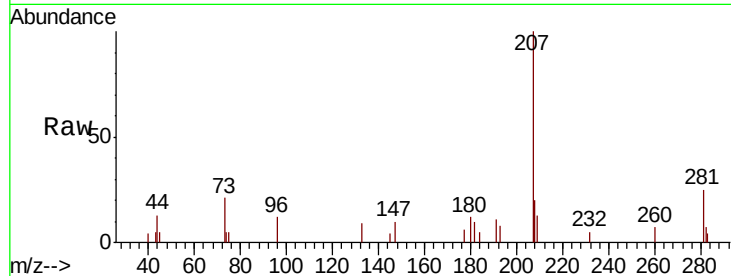




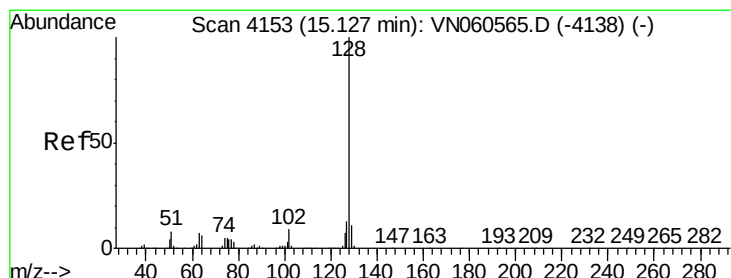
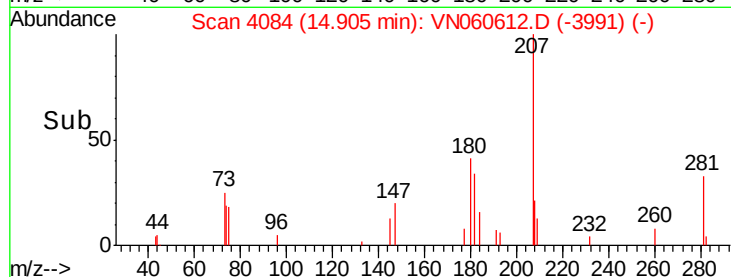
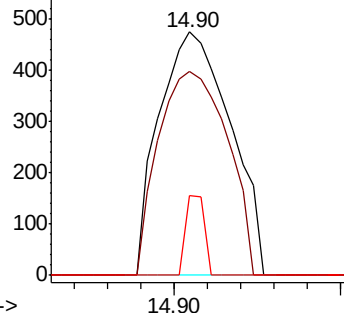
#93
 1,2,4-Trichlorobenzene
 Concen: 0.269 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060612.D
 Acq: 18 Mar 2020 23:58

Instrument :
 MSVOA_N
 ClientSampled :
 TEST-PIT-3

Tot Ion:180 Resp: 712
 Ion Ratio Lower Upper
 180 100
 182 80.8 47.9 143.8
 145 8.3 15.4 46.2#

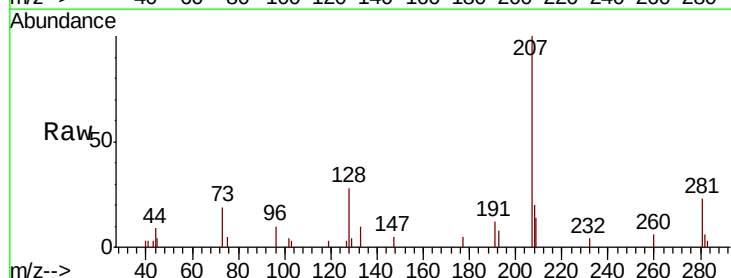


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.318 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN060612.D
 Acq: 18 Mar 2020 23:58

Tgt Ion:128 Resp: 2526
 Ion Ratio Lower Upper
 128 100
 127 4.7 10.2 15.2#
 129 6.7 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

