

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060997.D
 Acq On : 16 Apr 2020 5:06
 Operator : JC/MD
 Sample : L2249-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Apr 16 08:33:44 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	143792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	242903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	96321	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	7.56	113	73288	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	10.08	98	304099	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.39	95	116537	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	

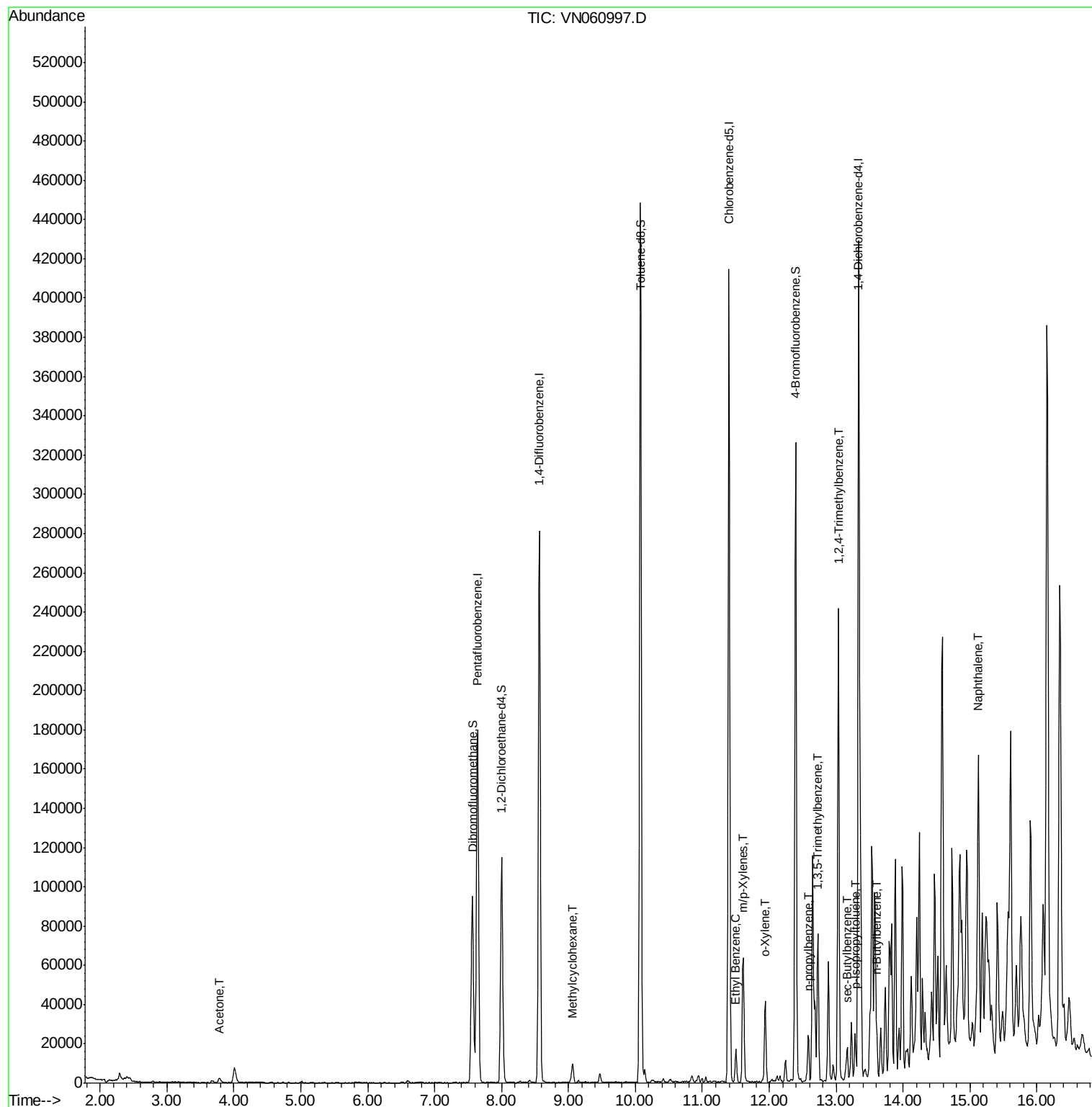
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	4490	6.422	ug/l	97
39) Methylcyclohexane	9.06	83	4325m	1.547	ug/l	
67) Ethyl Benzene	11.50	91	12486	1.472	ug/l	100
68) m/p-Xylenes	11.61	106	20190	6.404	ug/l	94
69) o-Xylene	11.94	106	10901	3.622	ug/l	96
78) n-propylbenzene	12.58	91	20589	2.116	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	38691	5.536	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	136966	19.807	ug/l	99
85) sec-Butylbenzene	13.17	105	10933	1.403	ug/l	87
86) p-Isopropyltoluene	13.28	119	11871	1.694	ug/l	98
89) n-Butylbenzene	13.61	91	10698	1.691	ug/l #	74
95) Naphthalene	15.13	128	115256	18.643	ug/l	98

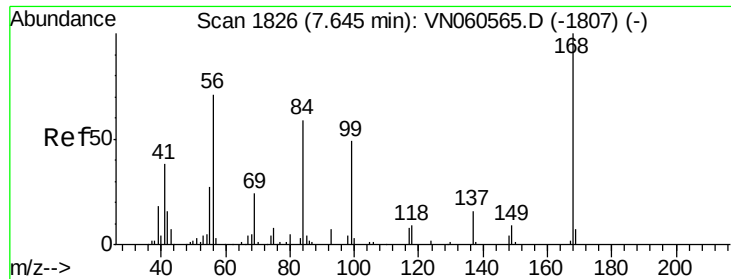
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
Data File : VN060997.D
Acq On : 16 Apr 2020 5:06
Operator : JC/MD
Sample : L2249-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-4

Quant Time: Apr 16 08:33:44 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# 1825

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

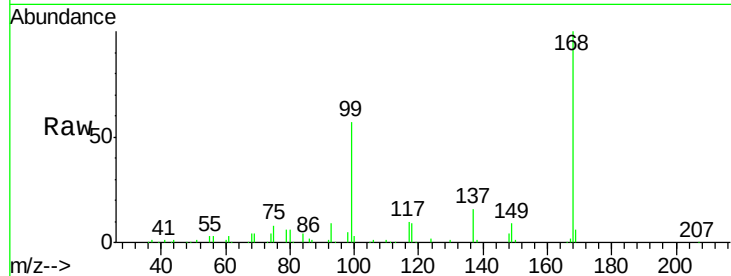
WC-4

Tot Ion:168 Resp: 143792

Ion Ratio Lower Upper

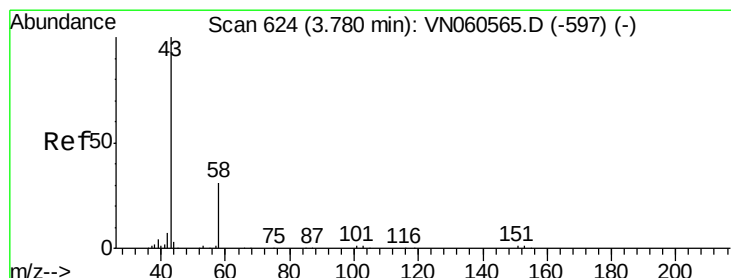
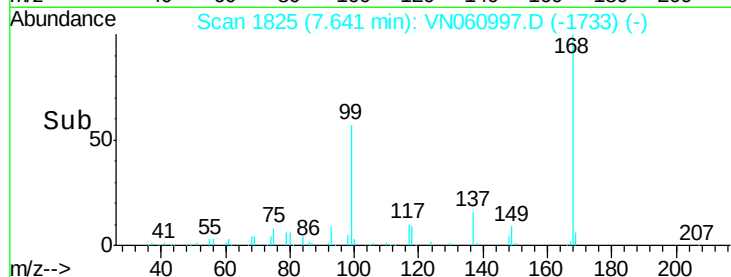
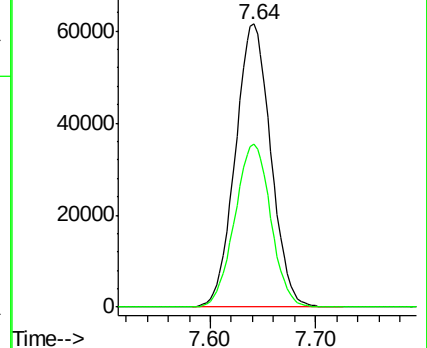
168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.422 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060997.D

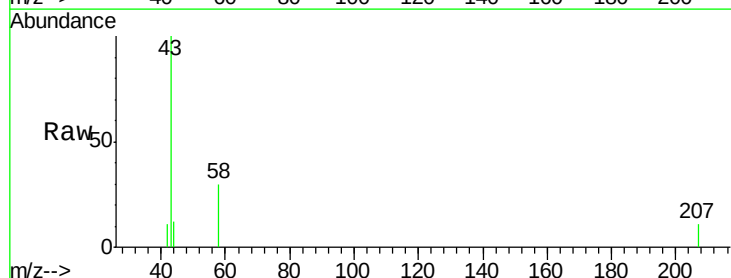
Acq: 16 Apr 2020 5:06

Tgt Ion: 43 Resp: 4490

Ion Ratio Lower Upper

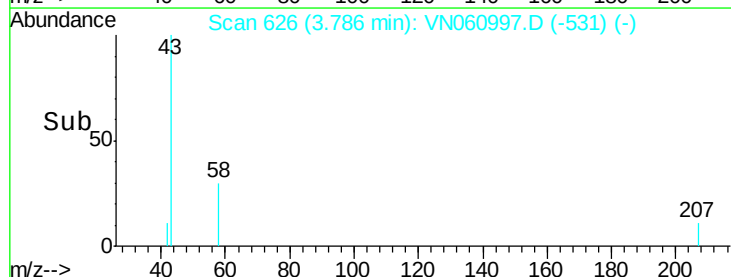
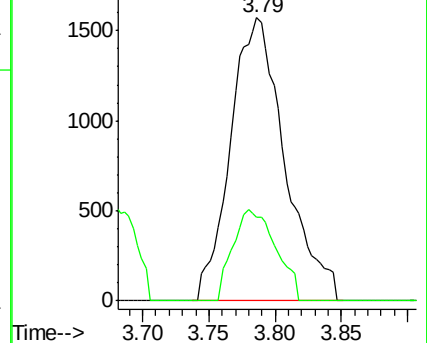
43 100

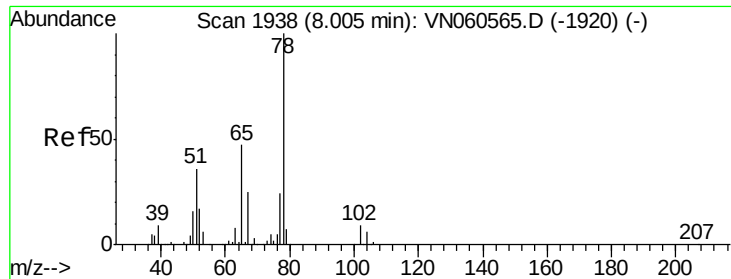
58 29.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

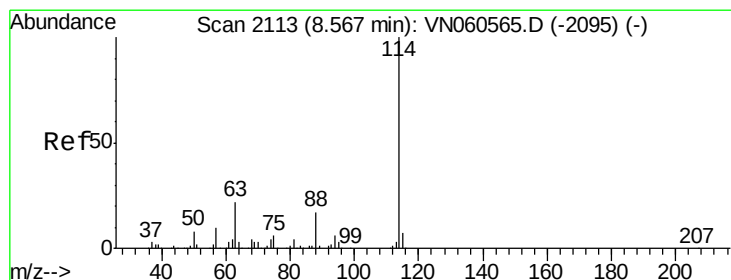
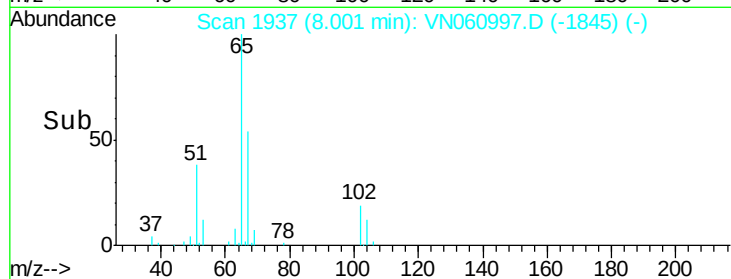
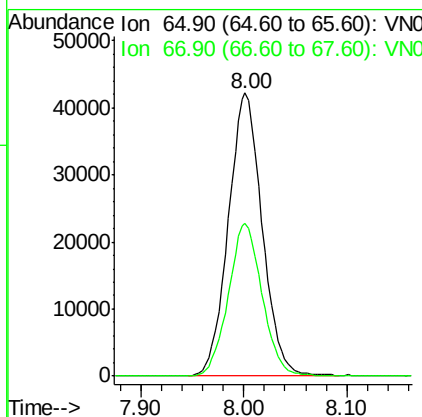
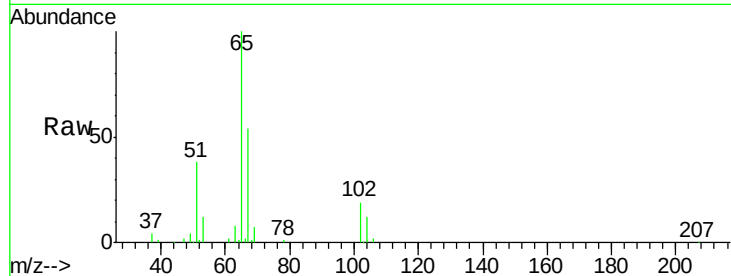




#33
 1,2-Dichloroethane-d4
 Concen: 48.796 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

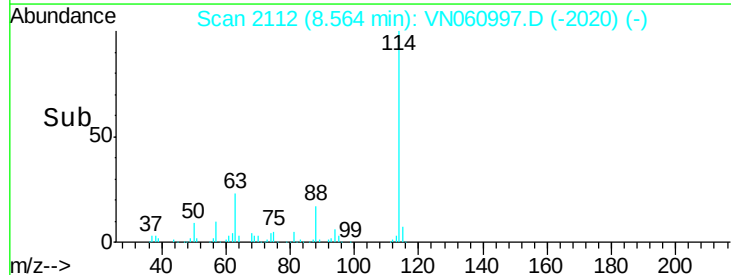
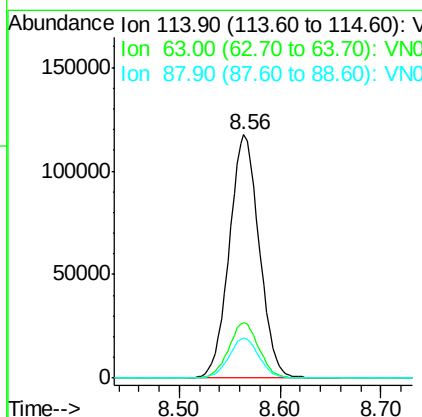
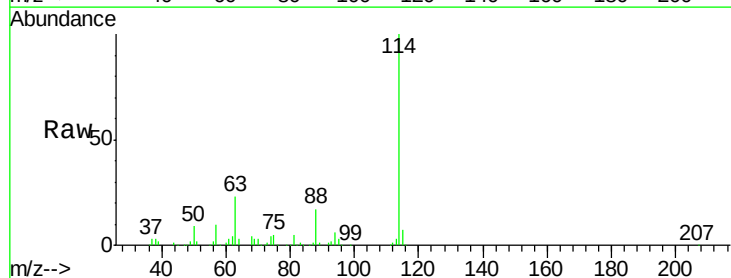
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

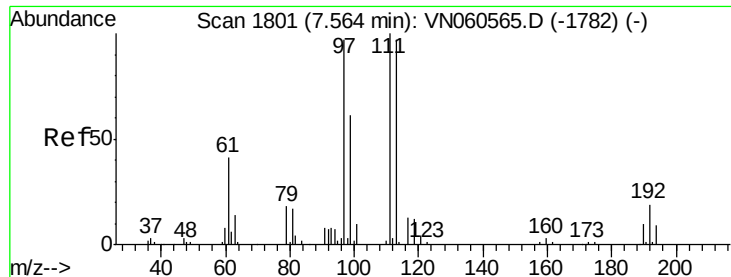
Tot Ion: 65 Resp: 96321
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion: 114 Resp: 242903
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.8
 88 16.7 0.0 33.0

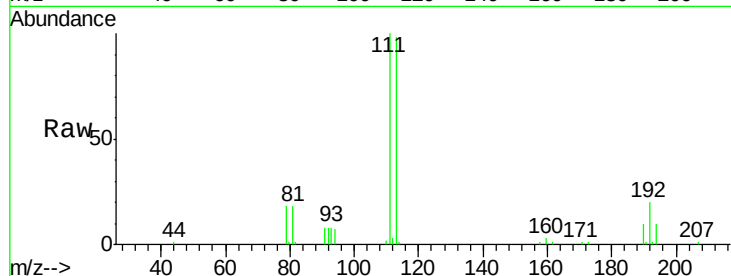




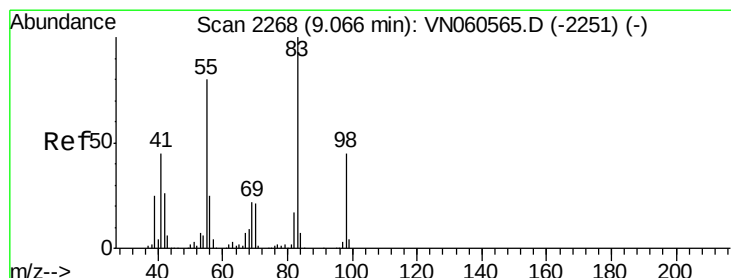
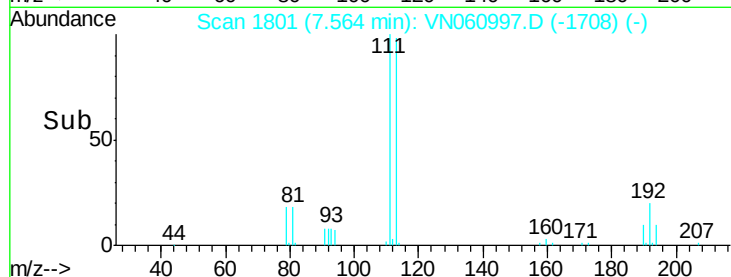
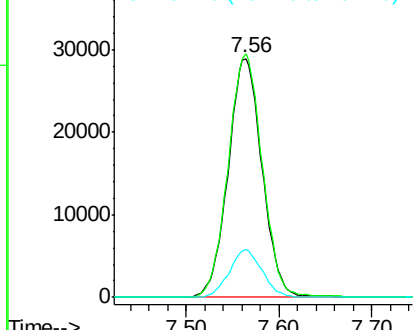
#35
 Dibromofluoromethane
 Concen: 49.898 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Tot Ion:113 Resp: 73288
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.2 15.8 23.8

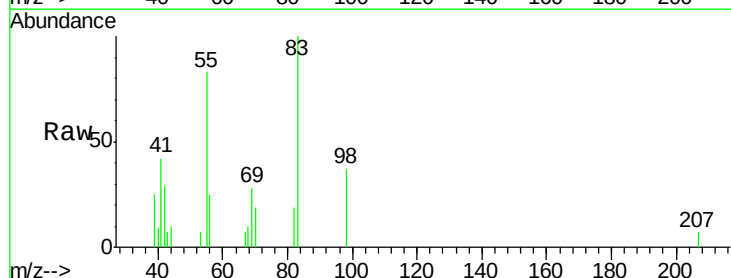


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

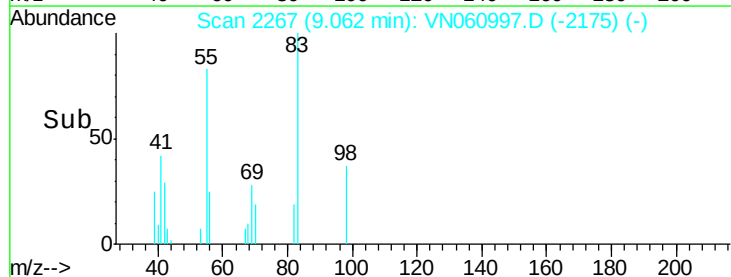
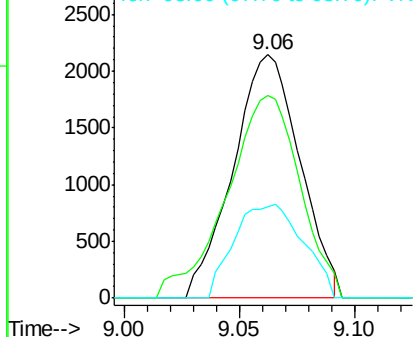


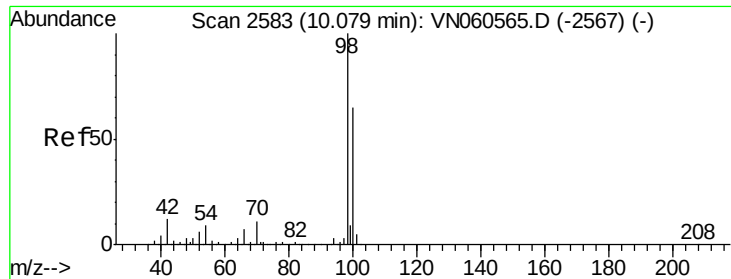
#39
 Methylcyclohexane
 Concen: 1.547 ug/l m
 RT: 9.06 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion: 83 Resp: 4325
 Ion Ratio Lower Upper
 83 100
 55 83.5 63.6 95.4
 98 37.5 36.0 54.0



Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

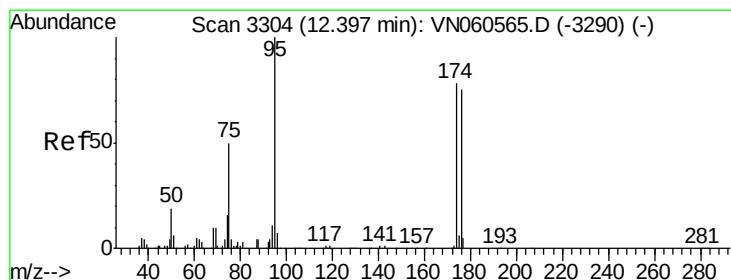
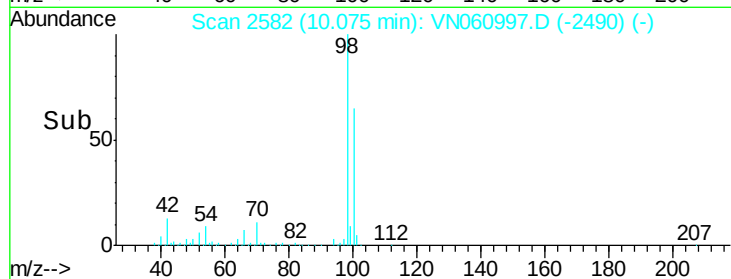
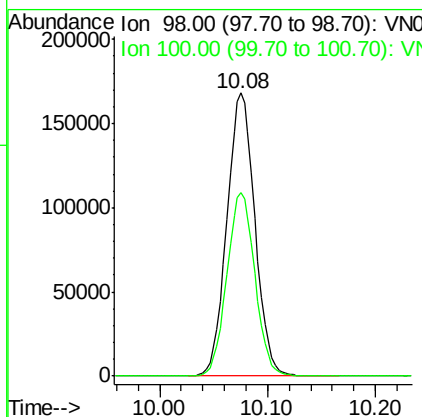
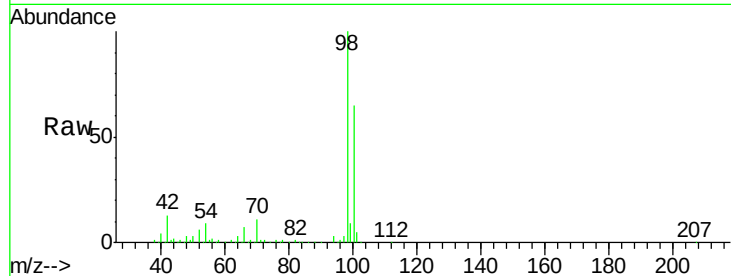




#50
Toluene-d8
Concen: 50.689 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

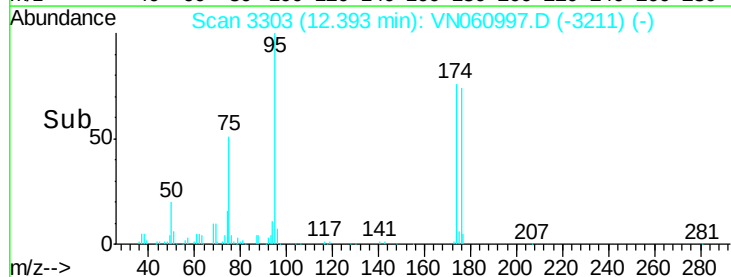
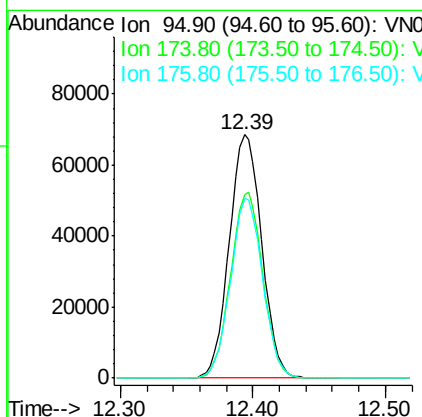
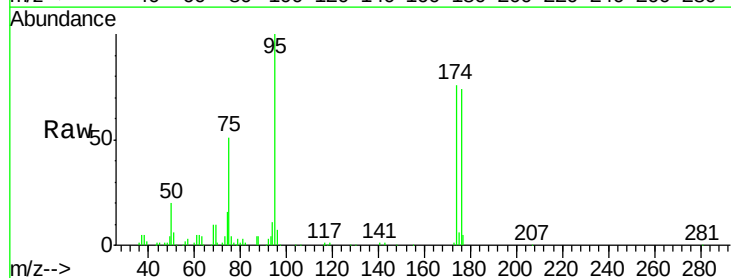
Instrument :
MSVOA_N
ClientSampled :
WC-4

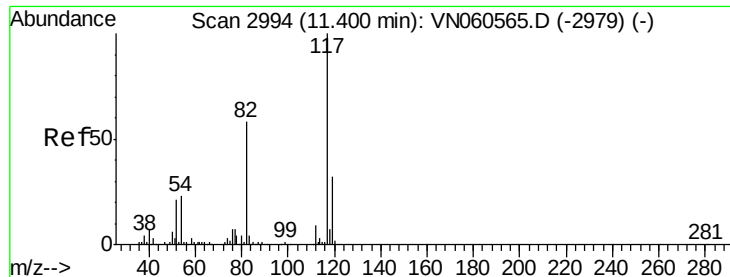
Tot Ion: 98 Resp: 304099
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 53.004 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 95 Resp: 116537
Ion Ratio Lower Upper
95 100
174 75.7 0.0 157.6
176 73.0 0.0 150.6

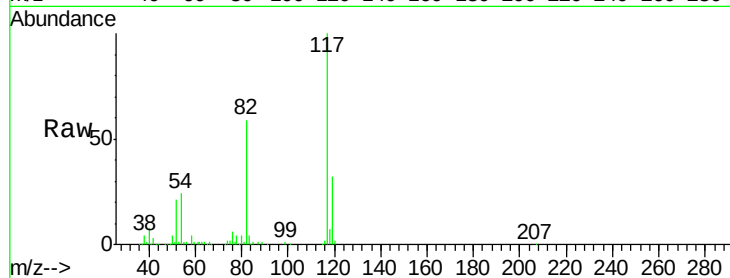




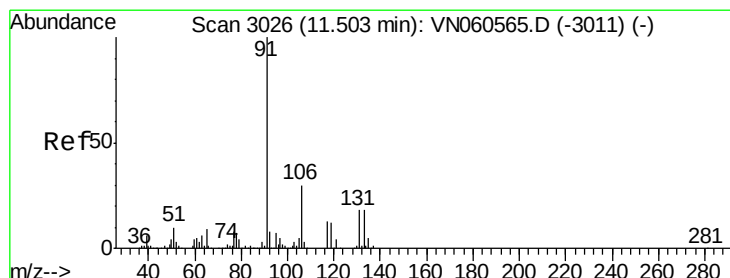
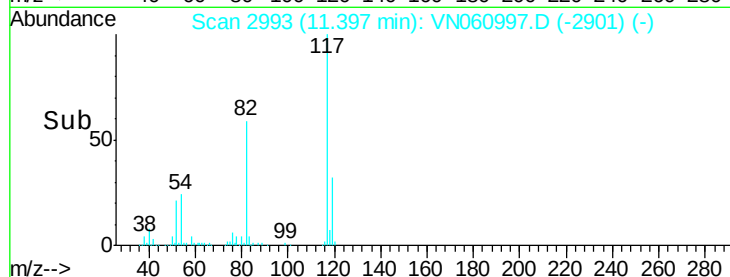
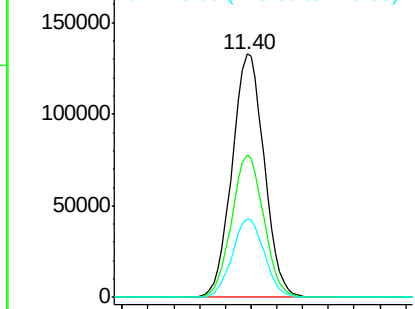
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Instrument :
MSVOA_N
ClientSampled :
WC-4

Tot Ion:117 Resp: 230151
Ion Ratio Lower Upper
117 100
82 58.7 46.7 70.1
119 32.3 25.5 38.3

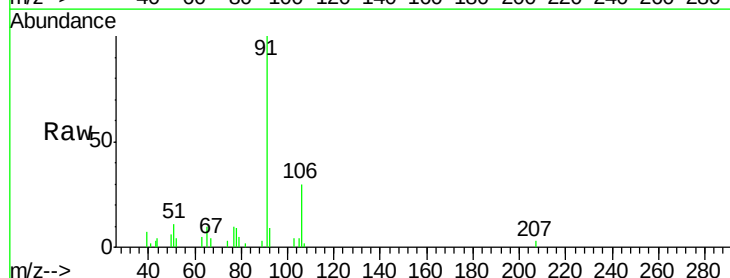


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

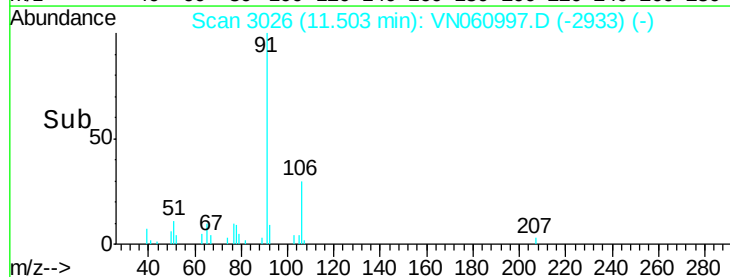
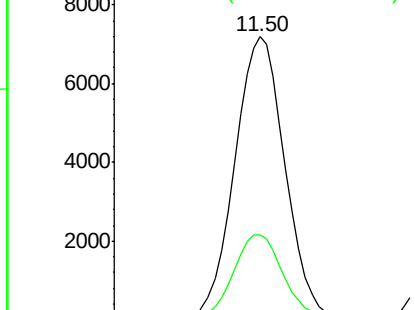


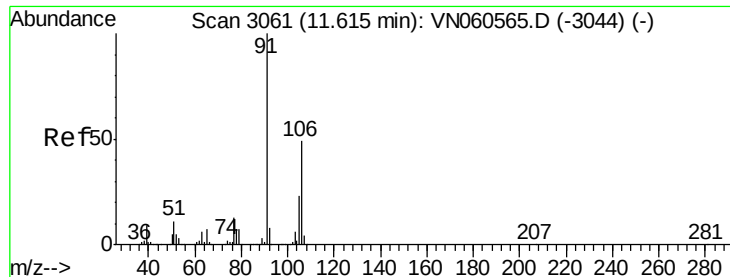
#67
Ethyl Benzene
Concen: 1.472 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 91 Resp: 12486
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



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





#68

m/p-Xylenes

Concen: 6.404 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

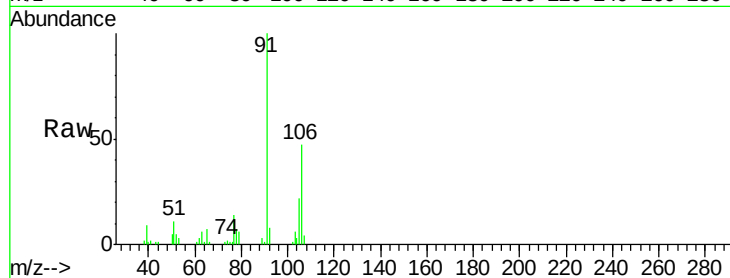
WC-4

Tot Ion:106 Resp: 20190

Ion Ratio Lower Upper

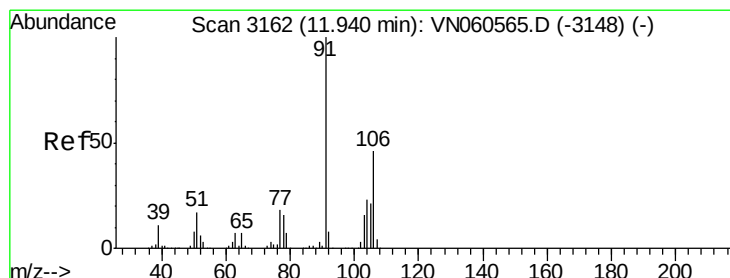
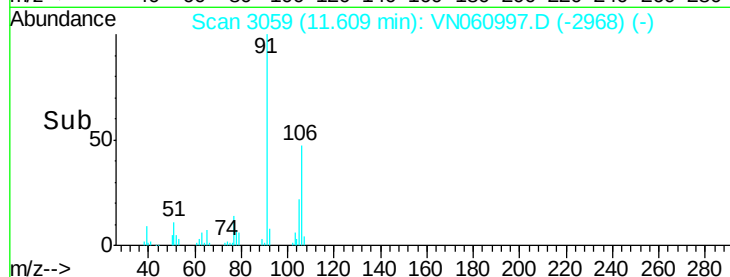
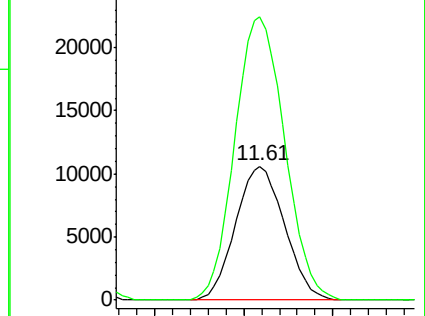
106 100

91 216.0 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 3.622 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060997.D

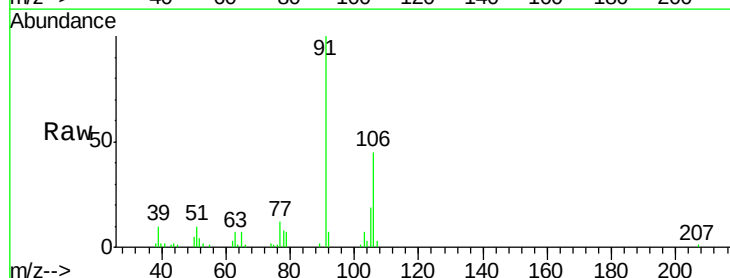
Acq: 16 Apr 2020 5:06

Tgt Ion:106 Resp: 10901

Ion Ratio Lower Upper

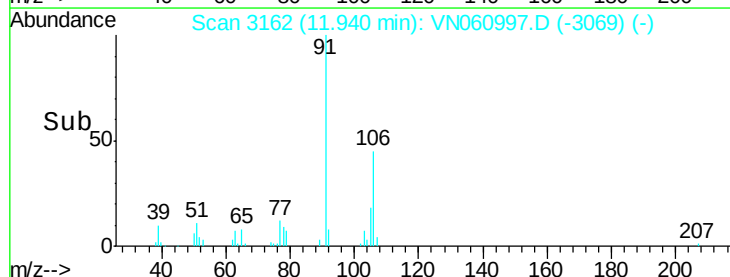
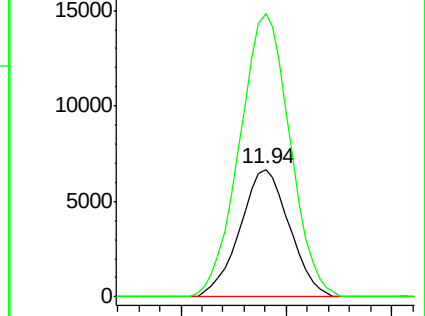
106 100

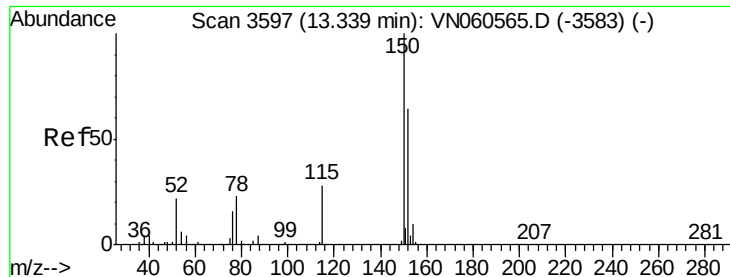
91 225.6 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

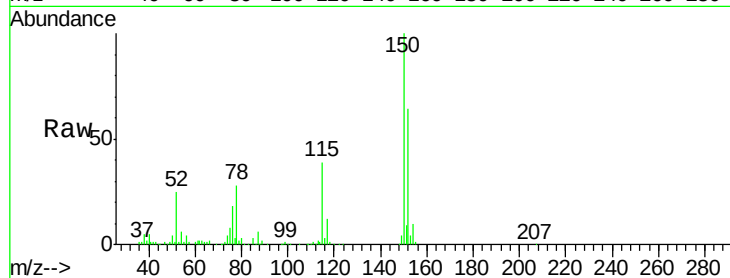
Tot Ion:152 Resp: 109751

Ion Ratio Lower Upper

152 100

115 63.4 30.2 90.6

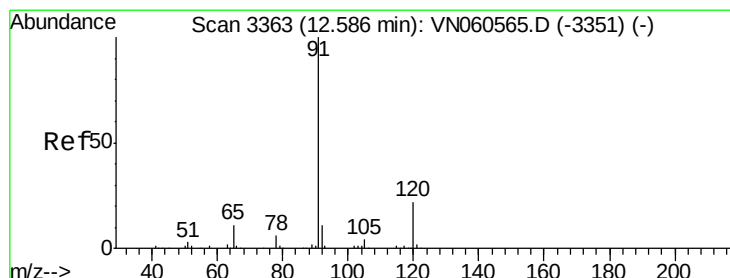
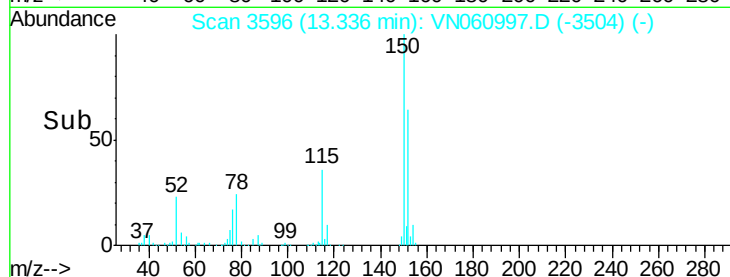
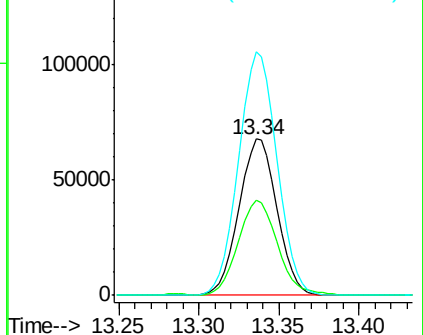
150 157.3 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 2.116 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060997.D

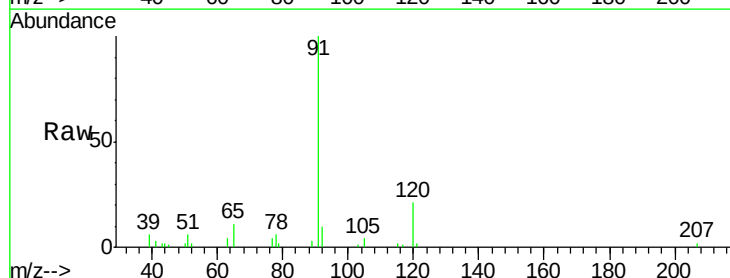
Acq: 16 Apr 2020 5:06

Tgt Ion: 91 Resp: 20589

Ion Ratio Lower Upper

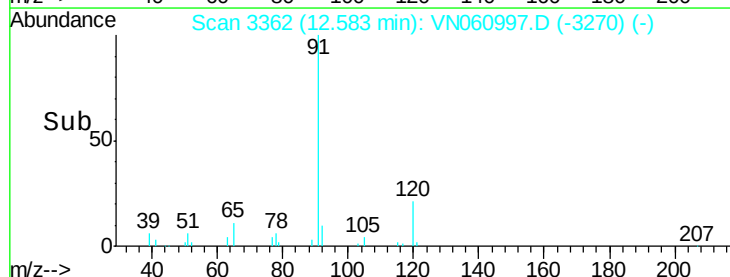
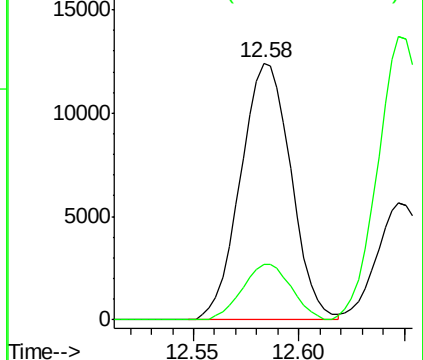
91 100

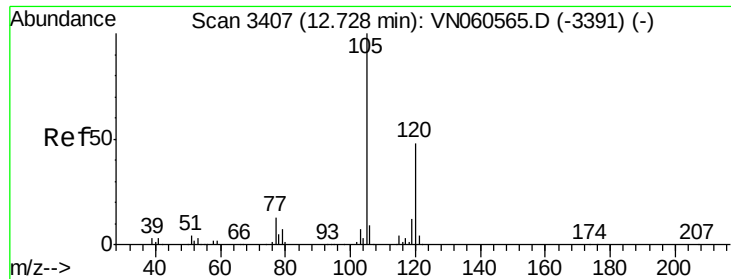
120 21.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

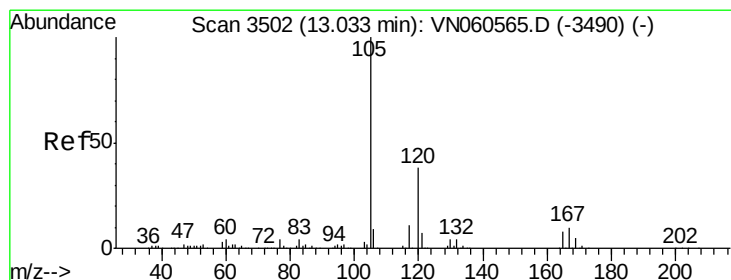
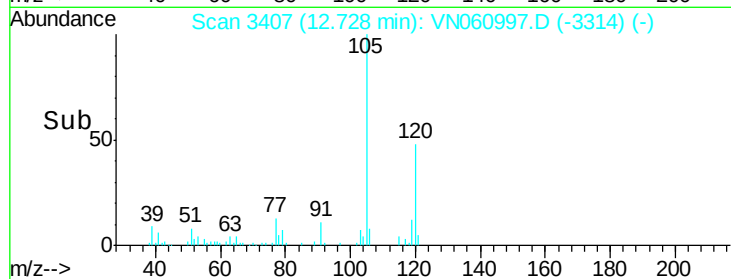
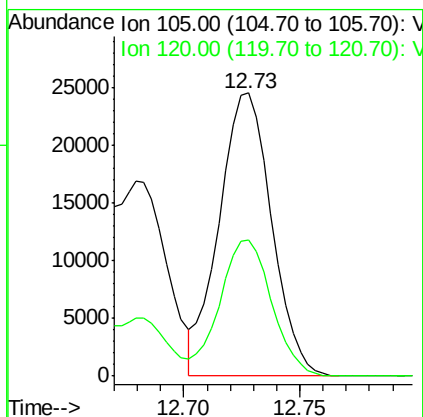
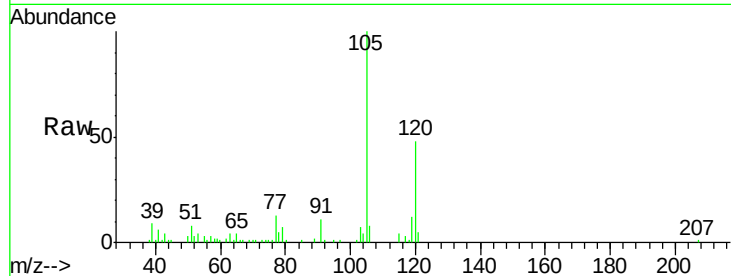




#80
 1,3,5-Trimethylbenzene
 Concen: 5.536 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

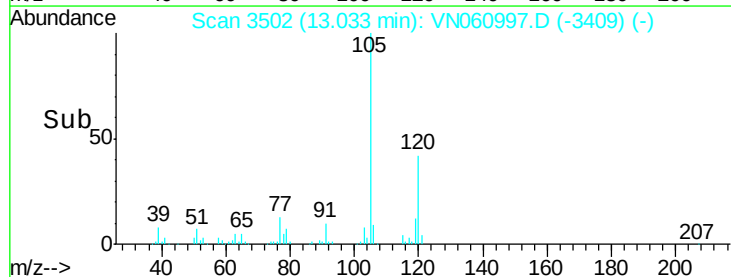
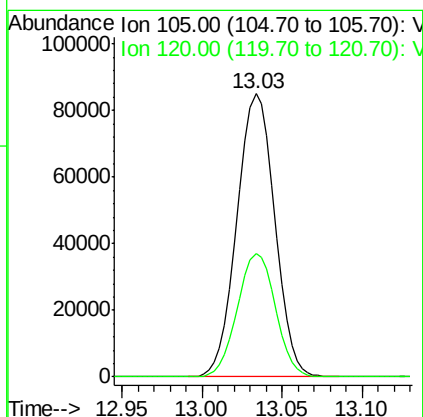
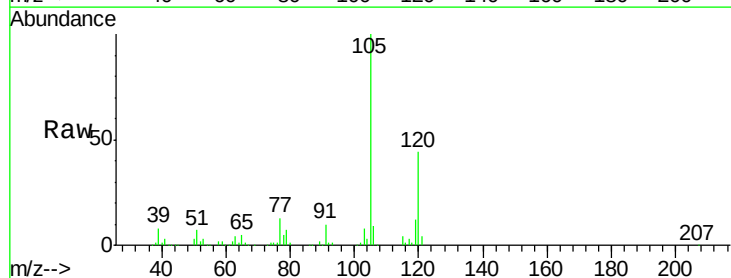
Instrument :
 MSVOA_N
 ClientSampled :
 WC-4

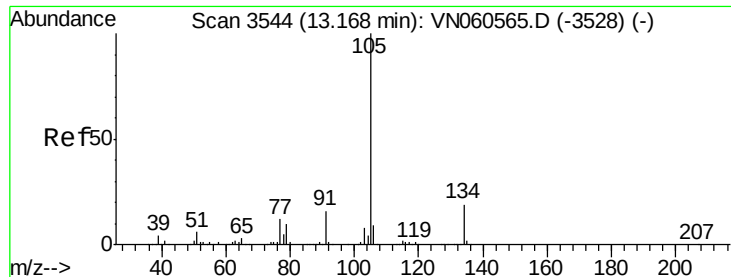
Tot Ion:105 Resp: 38691
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.807 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion:105 Resp: 136966
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 1.403 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampleId :

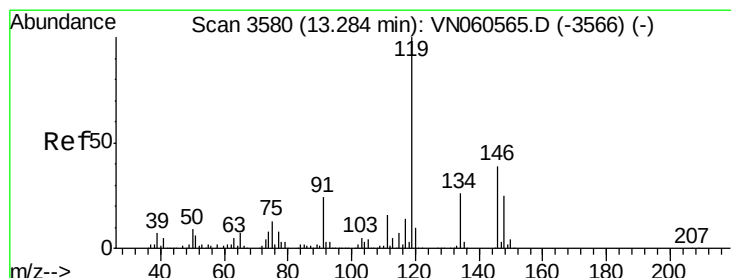
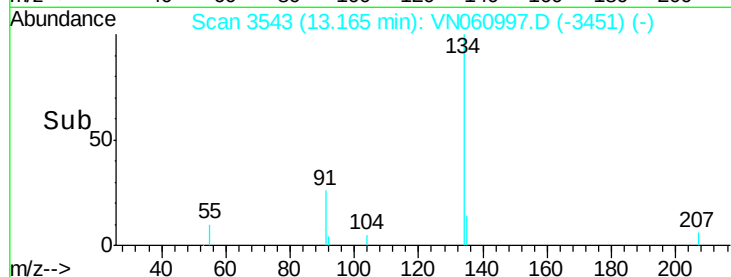
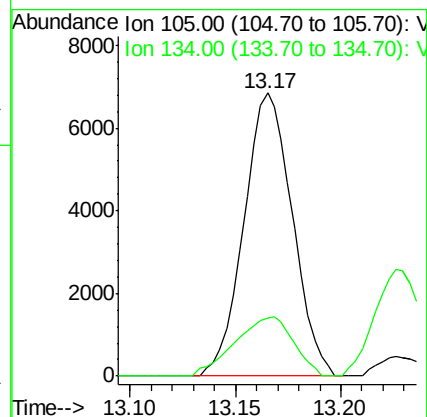
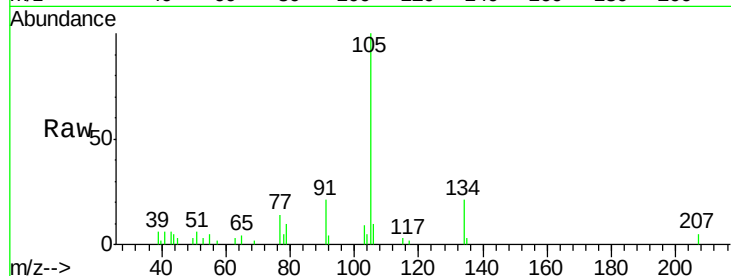
WC-4

Tot Ion:105 Resp: 10933

Ion Ratio Lower Upper

105 100

134 25.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 1.694 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

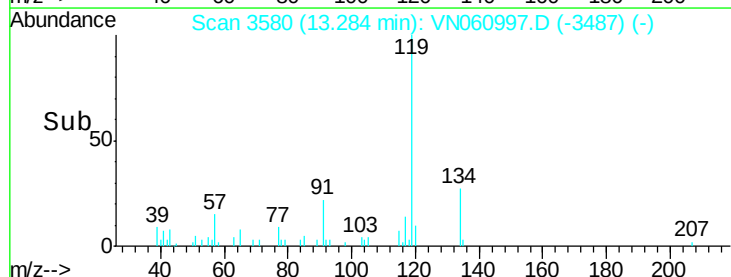
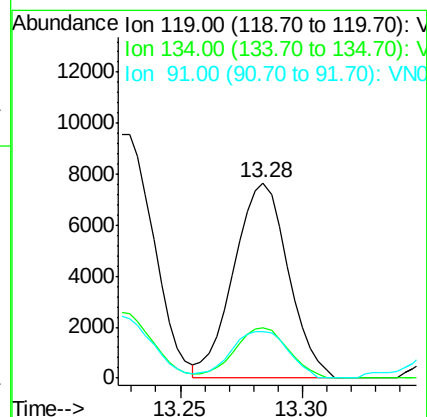
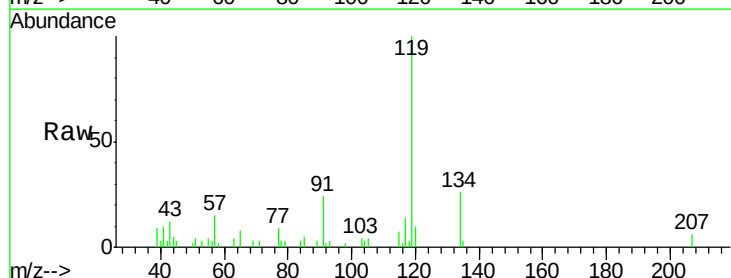
Tgt Ion:119 Resp: 11871

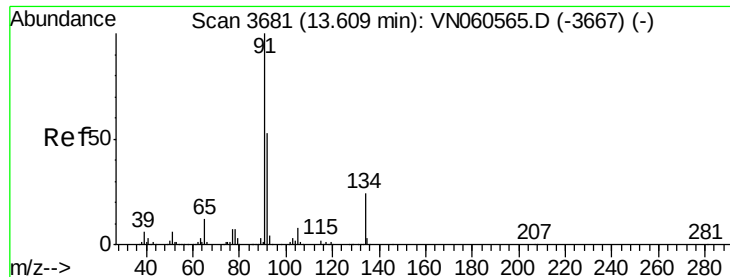
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 25.3 12.0 36.0

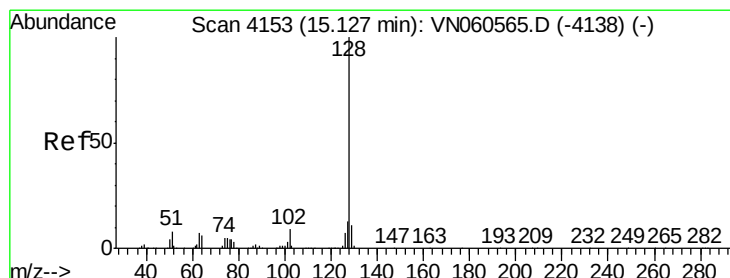
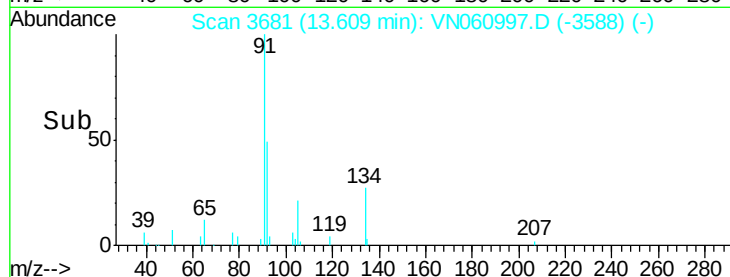
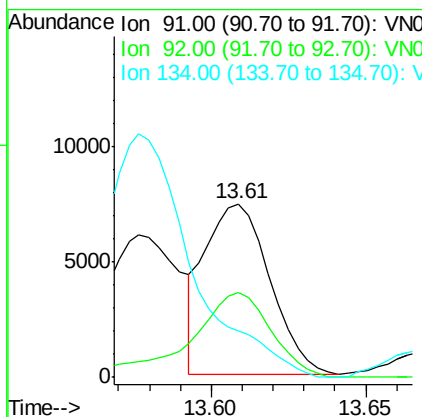
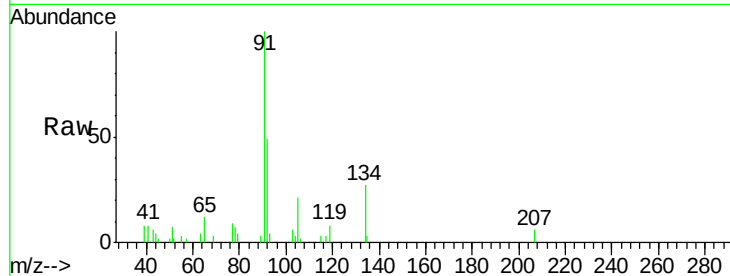




#89
n-Butylbenzene
Concen: 1.691 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Instrument :
MSVOA_N
ClientSampled :
WC-4

Tot Ion: 91 Resp: 10698
Ion Ratio Lower Upper
91 100
92 63.3 26.2 78.5
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 18.643 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 128 Resp: 115256
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.9 8.8 13.2

