

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061359.D
 Acq On : 8 May 2020 14:13
 Operator : JC/MD
 Sample : L2544-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW050-200505

Quant Time: May 11 02:52:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

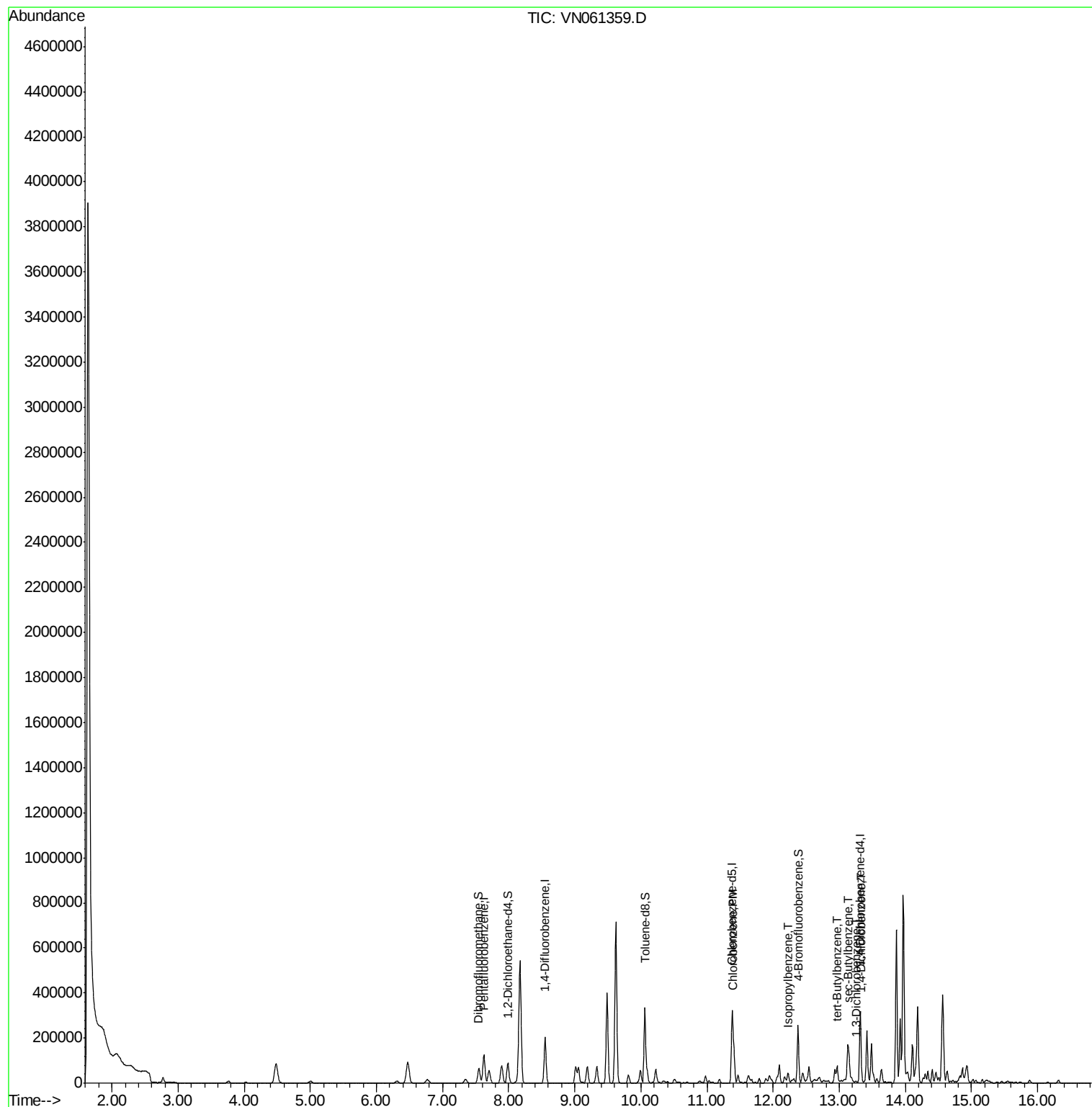
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77678	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.55	113	50619	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.06	98	216760	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.38	95	85993	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds						
65) Chlorobenzene	11.41	112	70785	21.627	ug/l	100
73) Isopropylbenzene	12.22	105	24621	4.324	ug/l	99
83) tert-Butylbenzene	12.97	119	32283	8.125	ug/l	93
85) sec-Butylbenzene	13.15	105	67311	12.425	ug/l #	38
87) 1,3-Dichlorobenzene	13.26	146	1314	0.543	ug/l #	76
88) 1,4-Dichlorobenzene	13.34	146	3025	1.224	ug/l #	62

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061359.D

Acq: 8 May 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

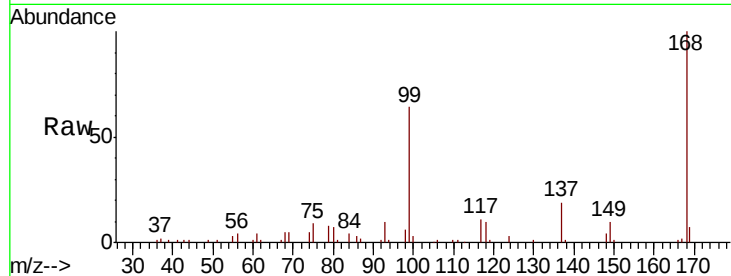
SS038MW050-200505

Tot Ion:168 Resp: 92750

Ion Ratio Lower Upper

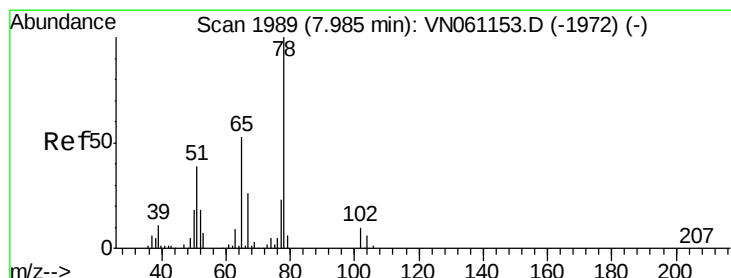
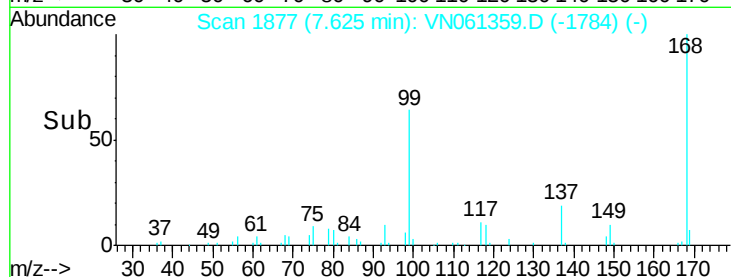
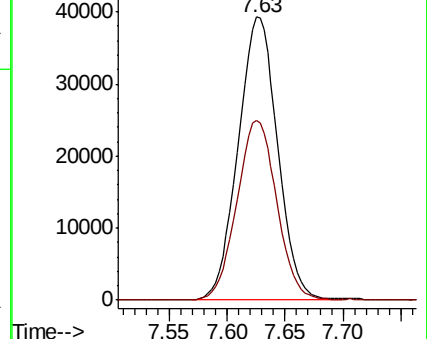
168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.929 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061359.D

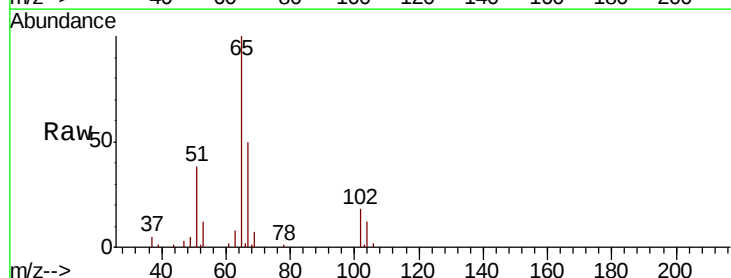
Acq: 8 May 2020 14:13

Tgt Ion: 65 Resp: 77678

Ion Ratio Lower Upper

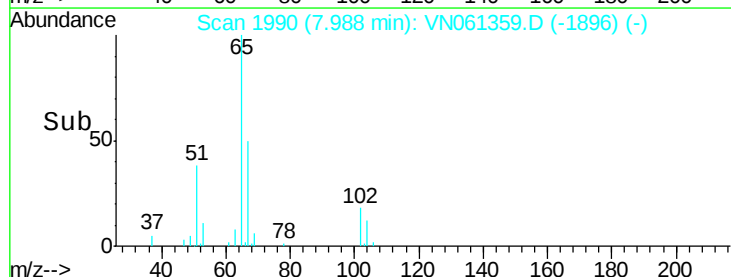
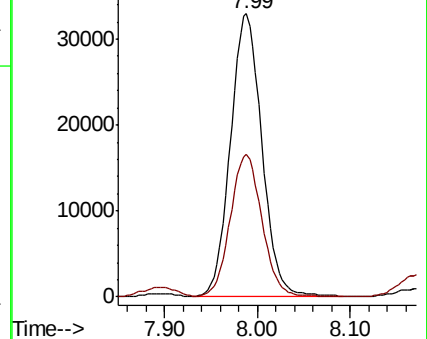
65 100

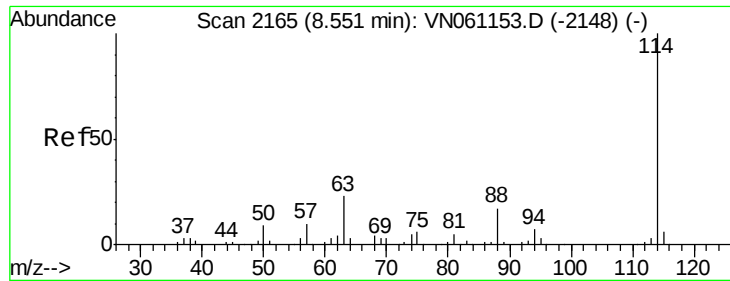
67 50.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

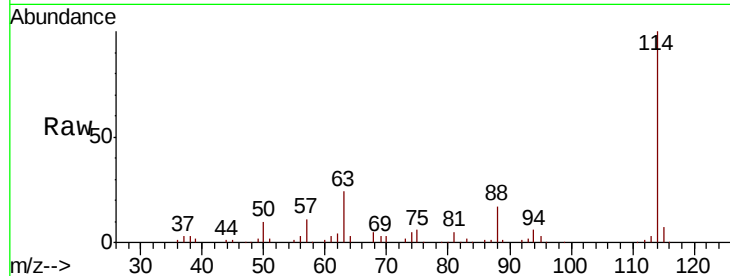




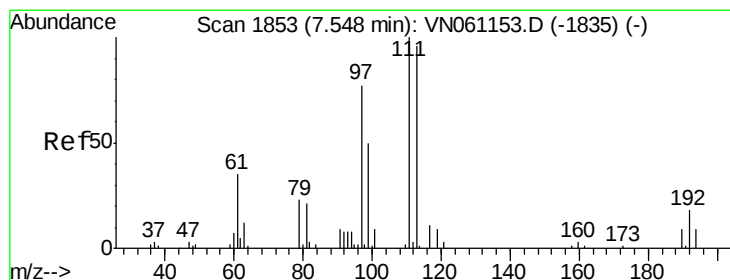
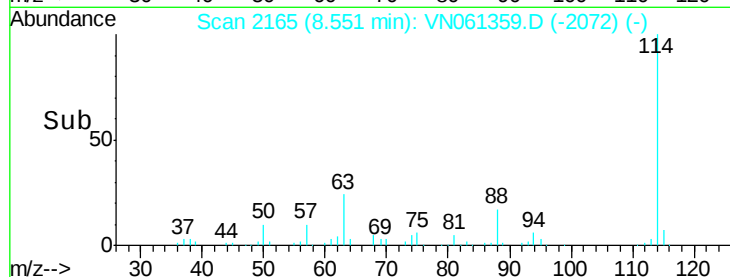
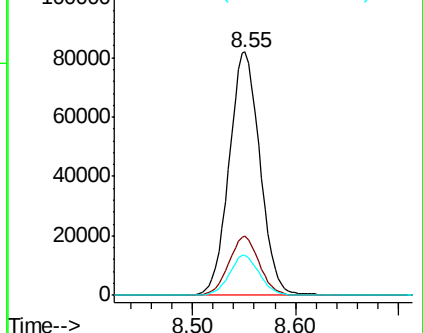
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SS038MW050-200505

Tot Ion:114 Resp: 170854
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.6
88 16.5 0.0 33.4

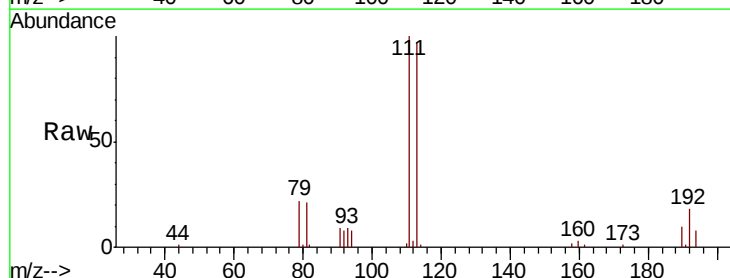


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

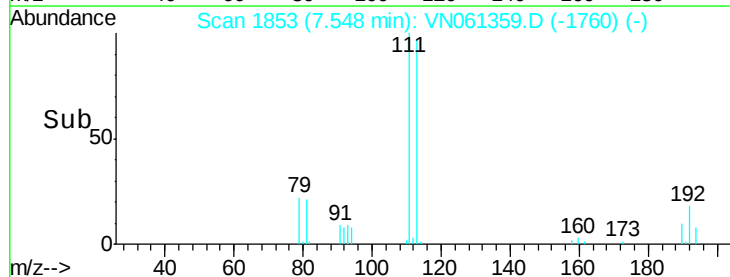
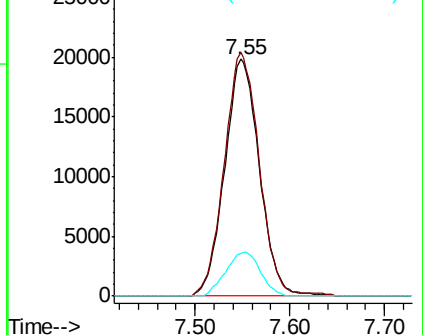


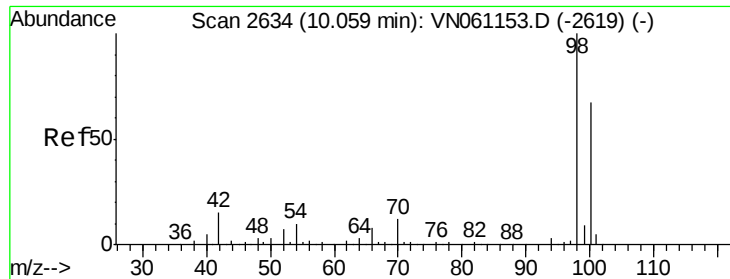
#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

Tgt Ion:113 Resp: 50619
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.4 14.7 22.1



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





#50

Toluene-d8

Concen: 52.631 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061359.D

Acq: 8 May 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

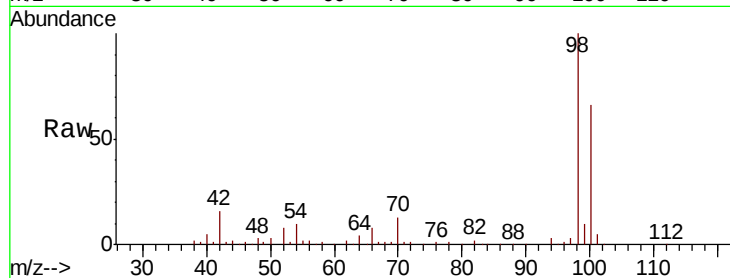
SS038MW050-200505

Tot Ion: 98 Resp: 216760

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

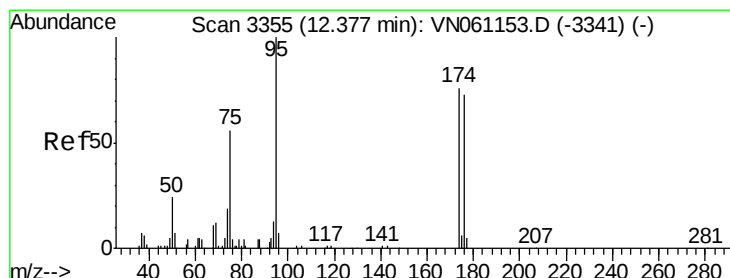
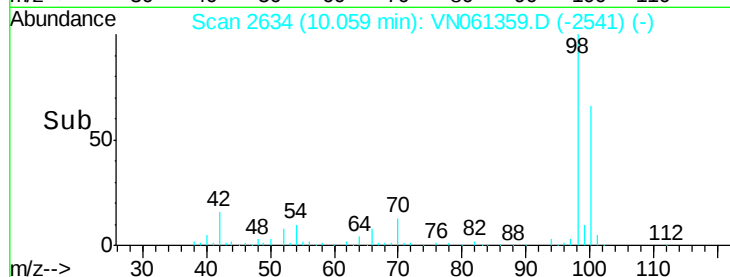
100000

50000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 55.484 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061359.D

Acq: 8 May 2020 14:13

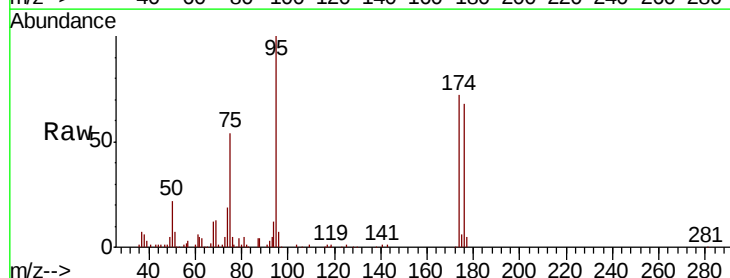
Tgt Ion: 95 Resp: 85993

Ion Ratio Lower Upper

95 100

174 70.7 0.0 149.4

176 67.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

12.38

60000

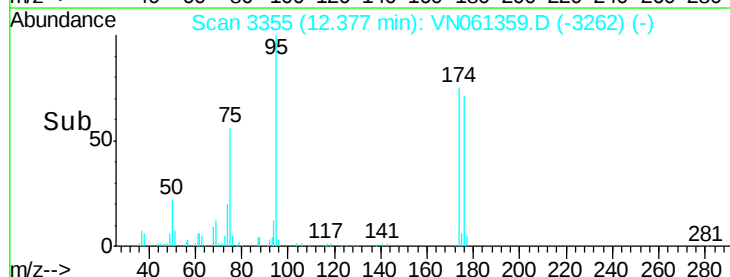
40000

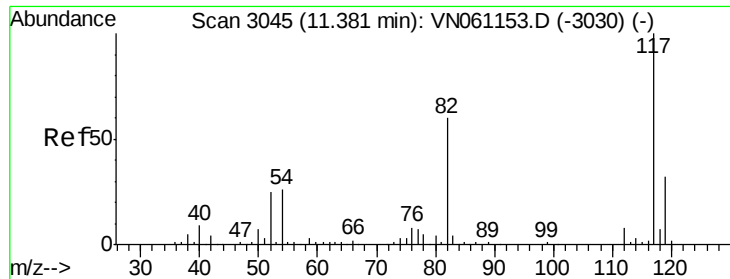
20000

0

Time-->

12.30 12.35 12.40

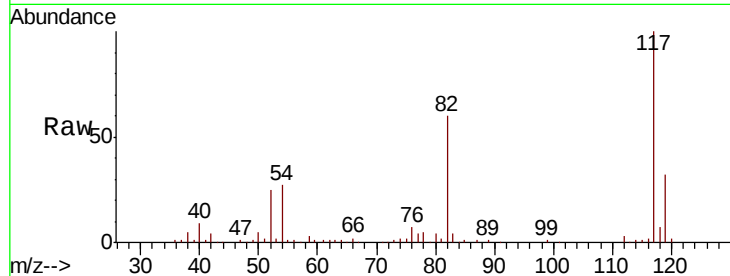




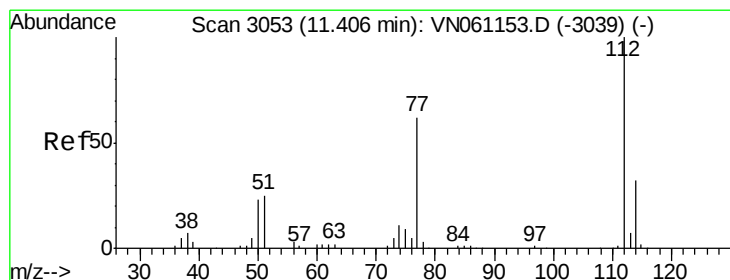
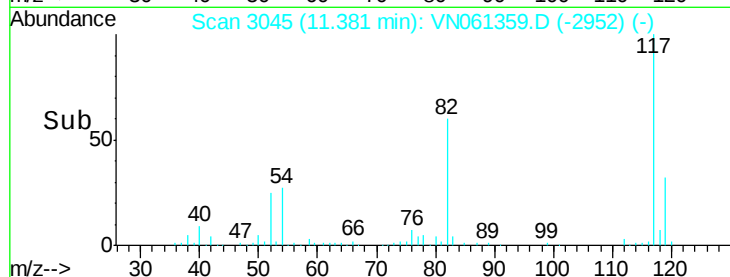
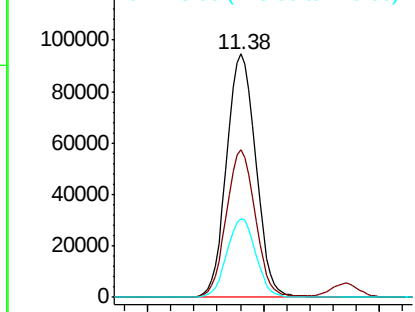
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SS038MW050-200505

Tot Ion:117 Resp: 164994
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.5 25.8 38.6

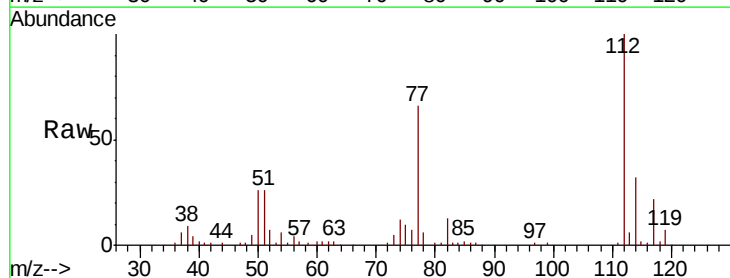


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

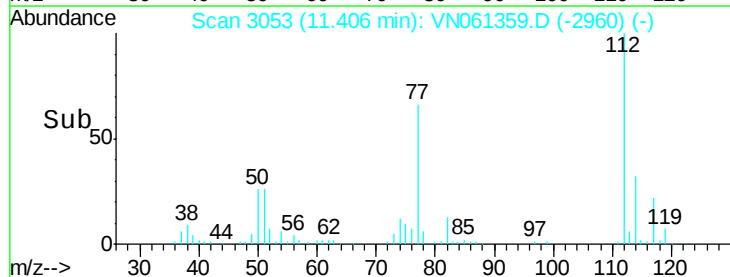
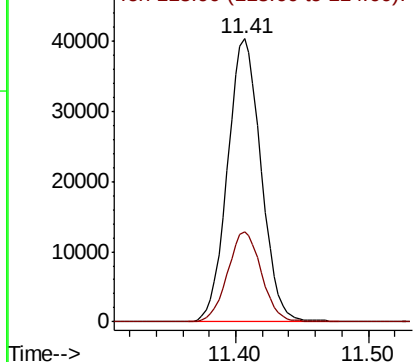


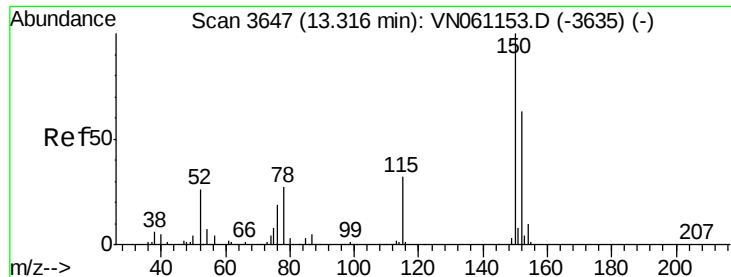
#65
Chlorobenzene
Concen: 21.627 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

Tgt Ion:112 Resp: 70785
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061359.D

Acq: 8 May 2020 14:13

Instrument :

MSVOA_N

ClientSampleId :

SS038MW050-200505

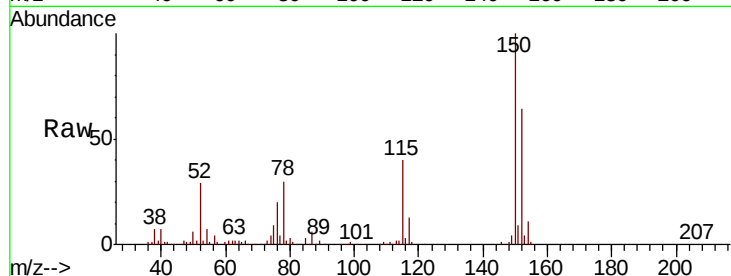
Tot Ion:152 Resp: 77448

Ion Ratio Lower Upper

152 100

115 63.6 31.0 93.0

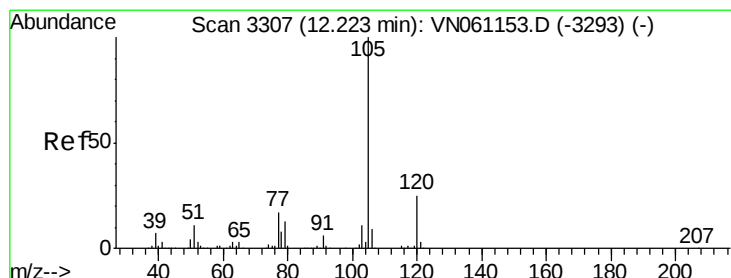
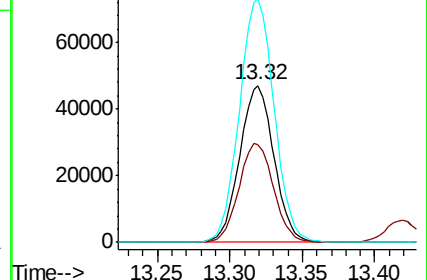
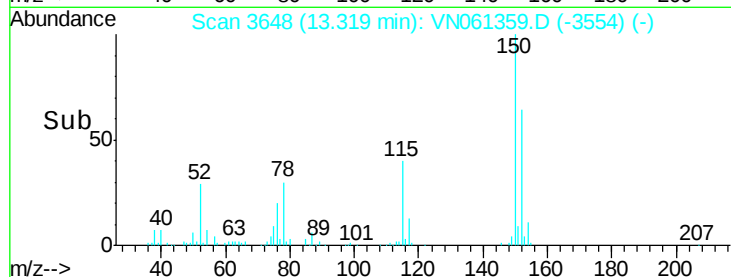
150 157.4 0.0 351.8



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: 4.324 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061359.D

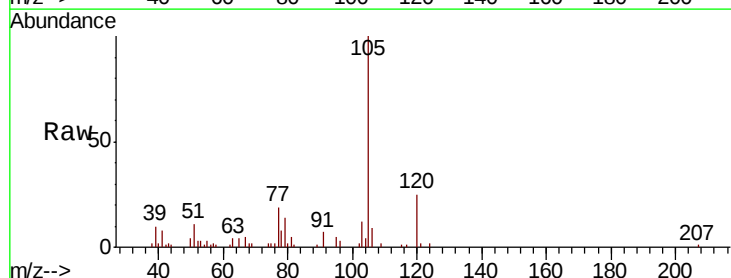
Acq: 8 May 2020 14:13

Tgt Ion:105 Resp: 24621

Ion Ratio Lower Upper

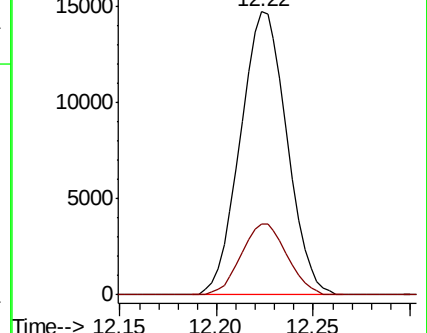
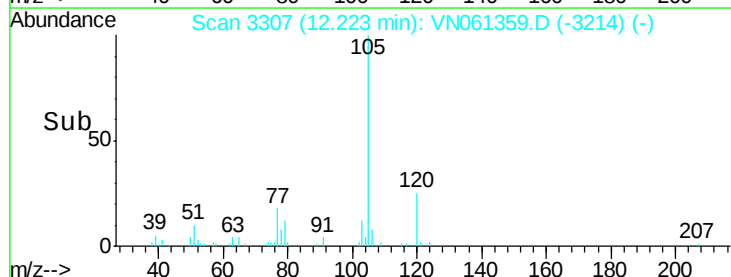
105 100

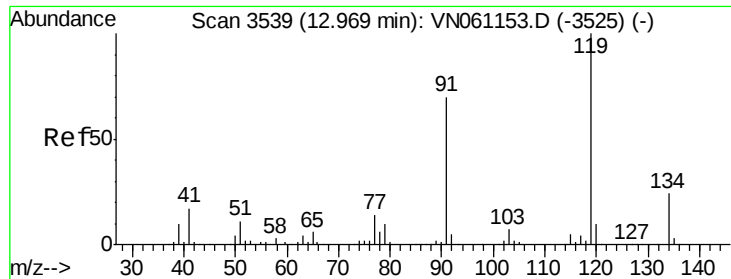
120 24.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

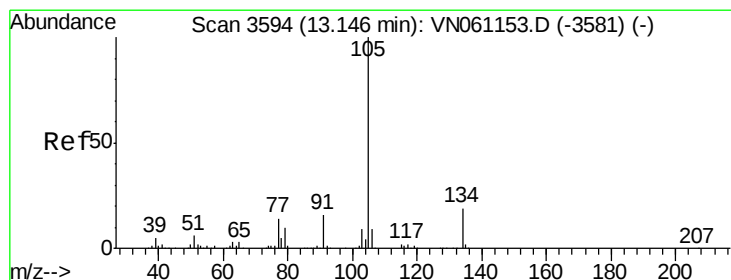
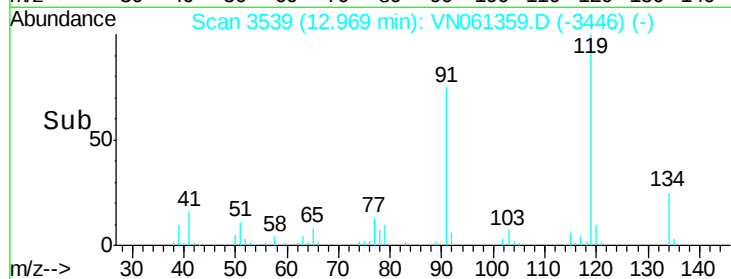
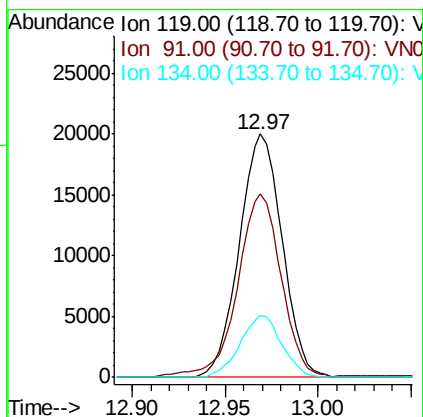
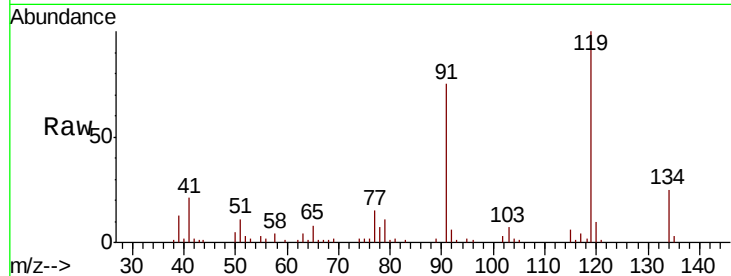




#83
tert-Butylbenzene
Concen: 8.125 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

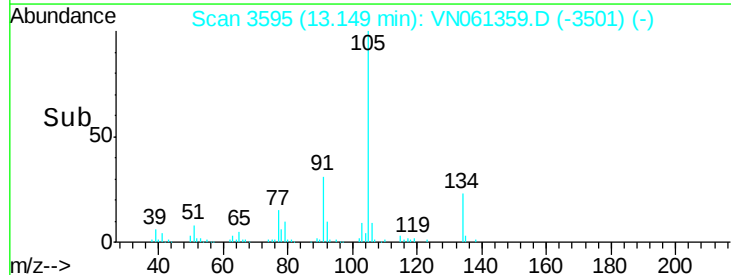
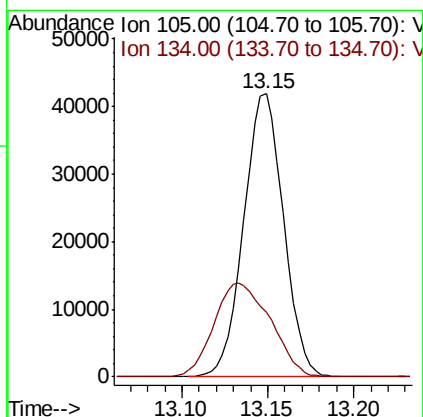
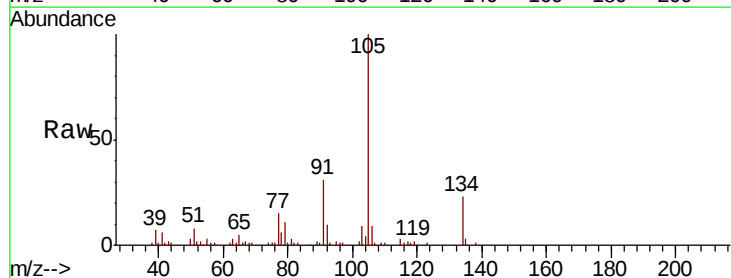
Instrument :
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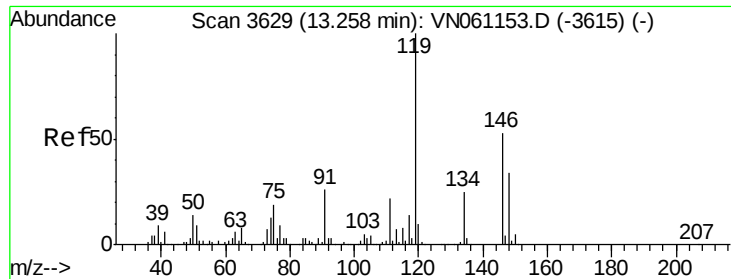
Tot Ion:119 Resp: 32283
Ion Ratio Lower Upper
119 100
91 76.4 34.8 104.4
134 24.5 12.9 38.7



#85
sec-Butylbenzene
Concen: 12.425 ug/l
RT: 13.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VN061359.D
Acq: 8 May 2020 14:13

Tgt Ion:105 Resp: 67311
Ion Ratio Lower Upper
105 100
134 47.1 9.6 28.8#

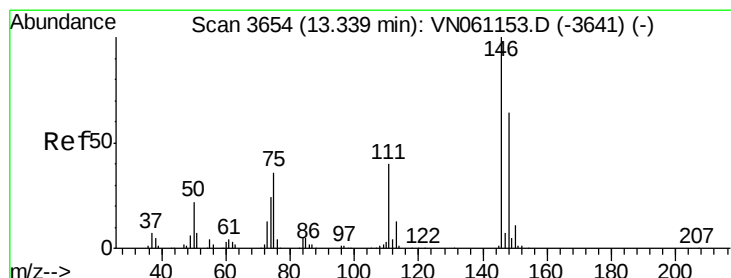
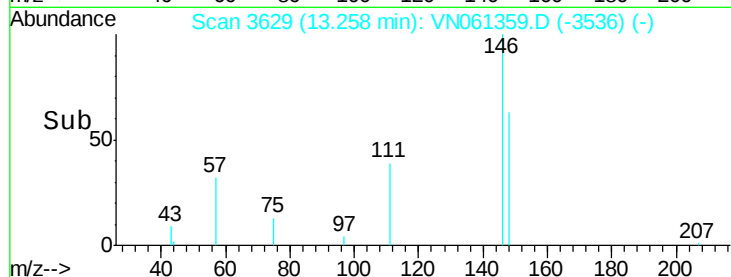
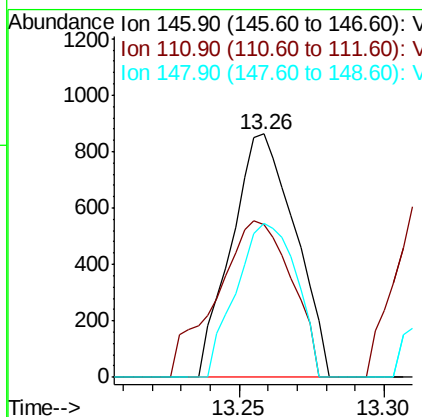
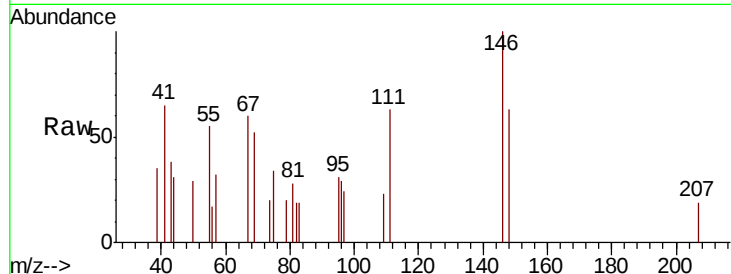




#87
 1,3-Dichlorobenzene
 Concen: 0.543 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061359.D
 Acq: 8 May 2020 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW050-200505

Tot Ion:146 Resp: 1314
 Ion Ratio Lower Upper
 146 100
 111 75.9 20.7 62.1#
 148 60.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 1.224 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061359.D
 Acq: 8 May 2020 14:13

Tgt Ion:146 Resp: 3025
 Ion Ratio Lower Upper
 146 100
 111 83.3 20.4 61.3#
 148 78.4 31.9 95.7

