

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061355.D
 Acq On : 8 May 2020 12:40
 Operator : JC/MD
 Sample : L2544-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW004-200504

Quant Time: May 11 01:46:25 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	93787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	171037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76633	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	77960	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.55	113	51177	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	221572	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.37	95	86875	55.99	ug/l	0.00
Spiked Amount			Recovery	=	111.98%	

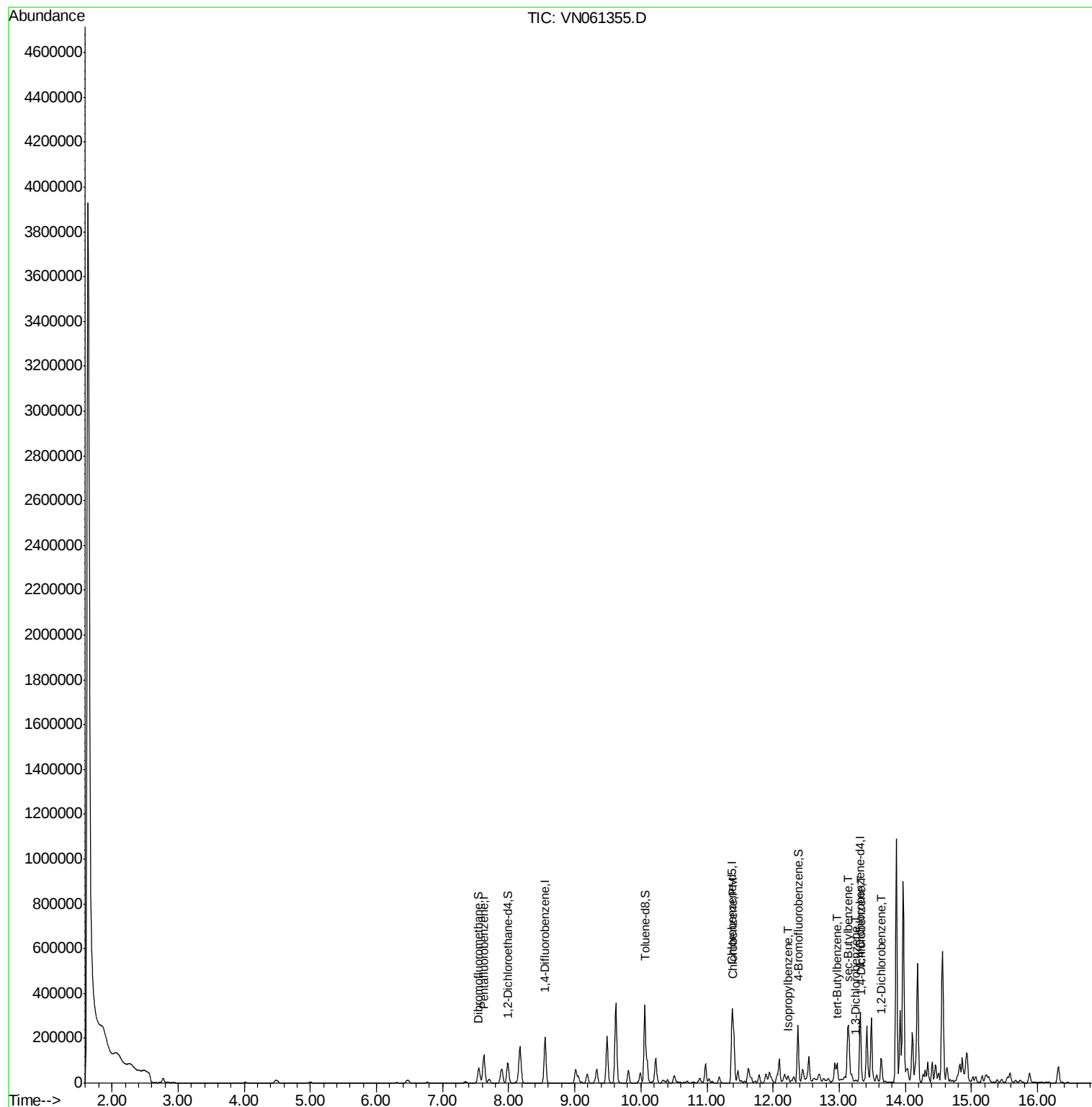
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	11.41	112	104317	31.657	ug/l	100
73) Isopropylbenzene	12.22	105	13181	2.340	ug/l	99
83) tert-Butylbenzene	12.97	119	36925	9.392	ug/l	93
85) sec-Butylbenzene	13.15	105	118666	22.138	ug/l #	51
87) 1,3-Dichlorobenzene	13.26	146	1641	0.685	ug/l #	65
88) 1,4-Dichlorobenzene	13.34	146	4248	1.737	ug/l #	71
91) 1,2-Dichlorobenzene	13.63	146	1396	0.608	ug/l #	77

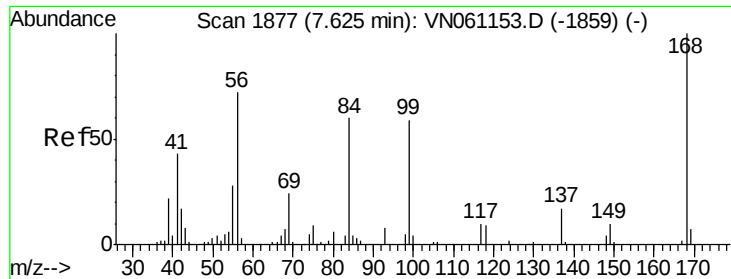
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

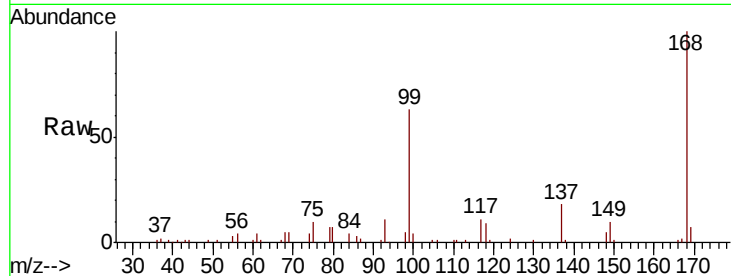
SS038MW004-200504

Tot Ion:168 Resp: 93787

Ion Ratio Lower Upper

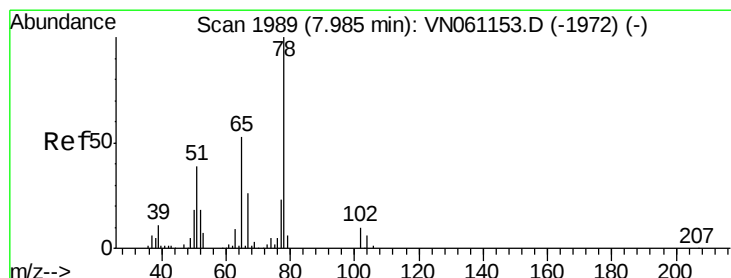
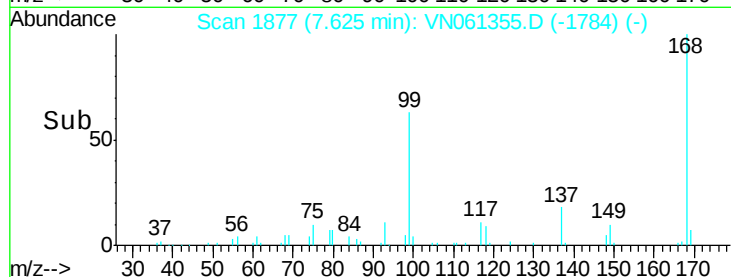
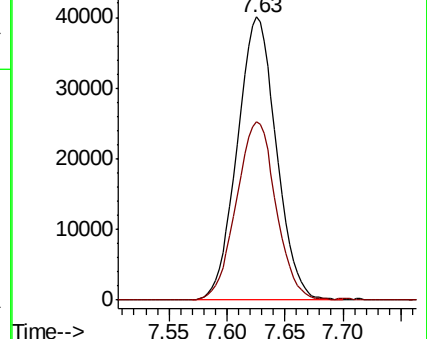
168 100

99 62.8 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: 52.534 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061355.D

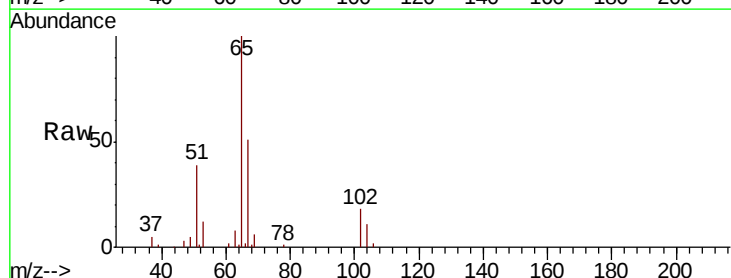
Acq: 8 May 2020 12:40

Tgt Ion: 65 Resp: 77960

Ion Ratio Lower Upper

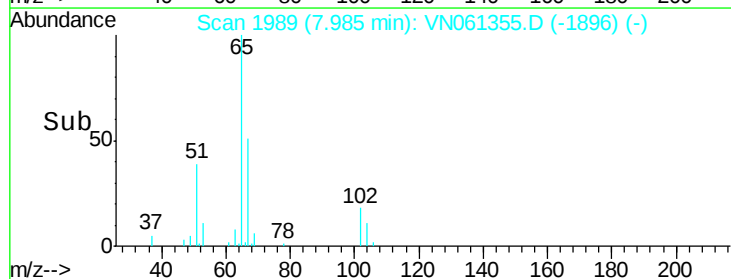
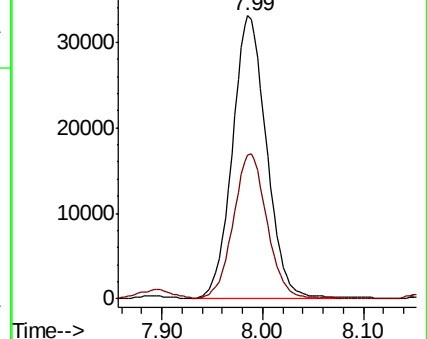
65 100

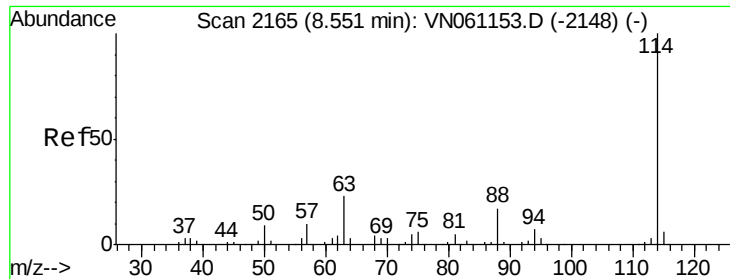
67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

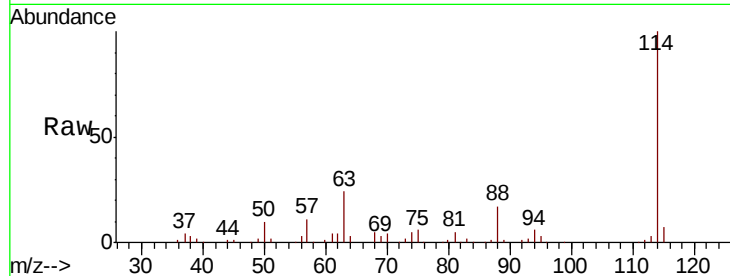




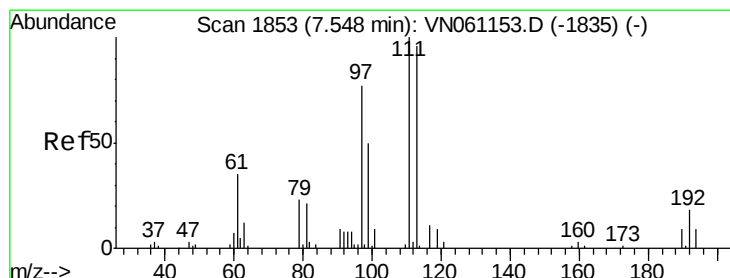
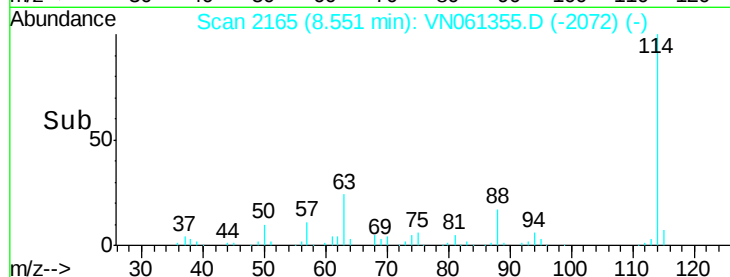
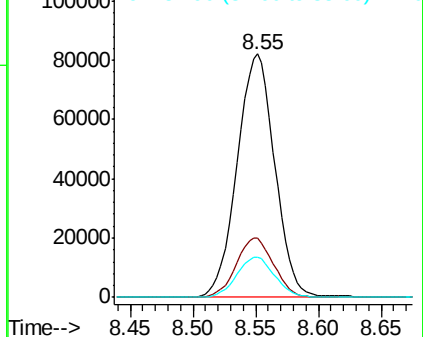
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW004-200504

Tot Ion:114 Resp: 171037
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.7 0.0 33.4

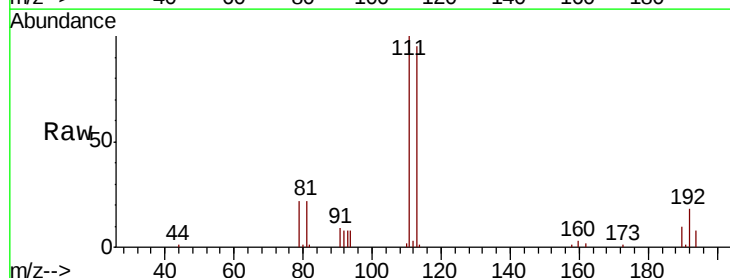


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

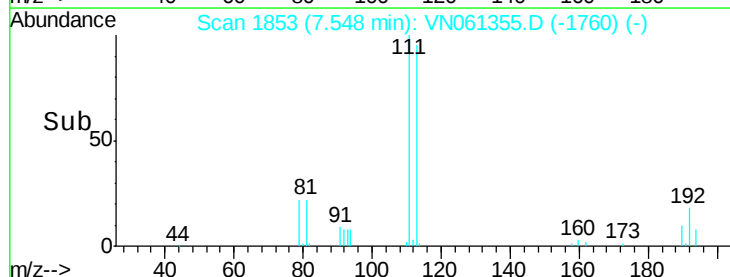
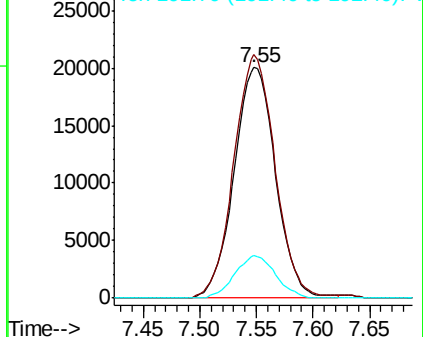


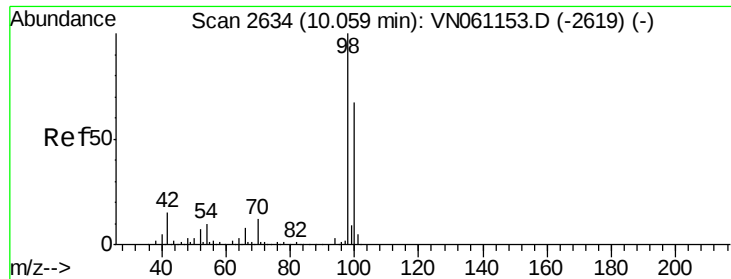
#35
 Dibromofluoromethane
 Concen: 50.601 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion:113 Resp: 51177
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.9 124.3
 192 18.0 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: 53.741 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

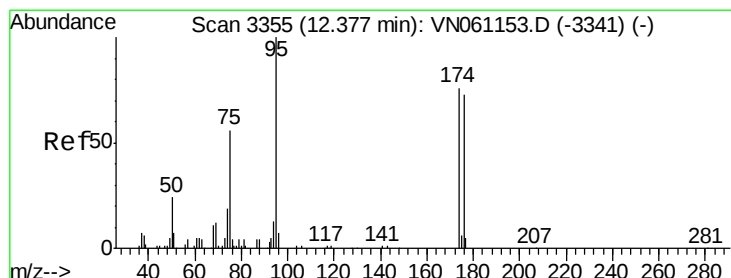
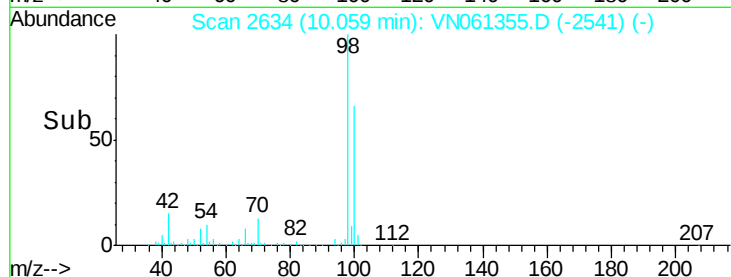
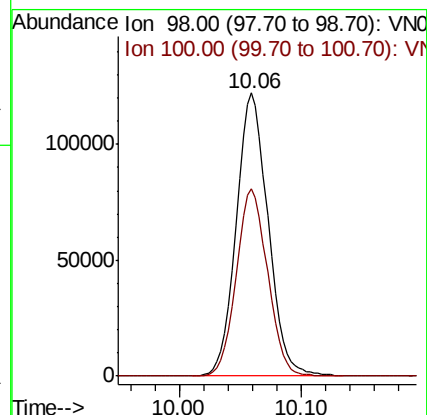
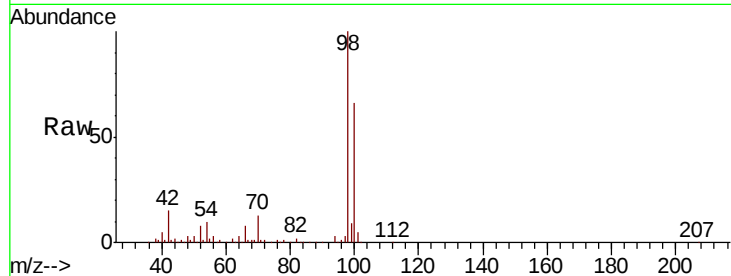
SS038MW004-200504

Tot Ion: 98 Resp: 221572

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 55.993 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

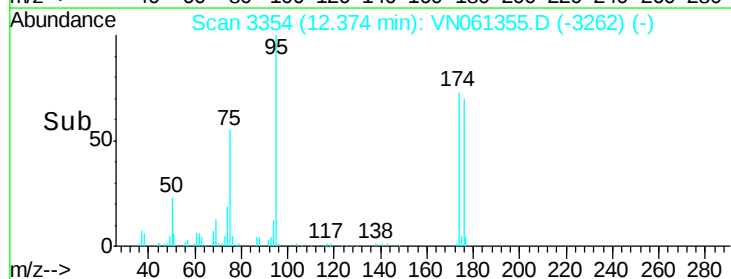
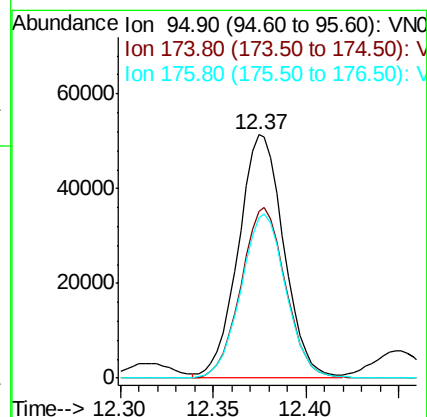
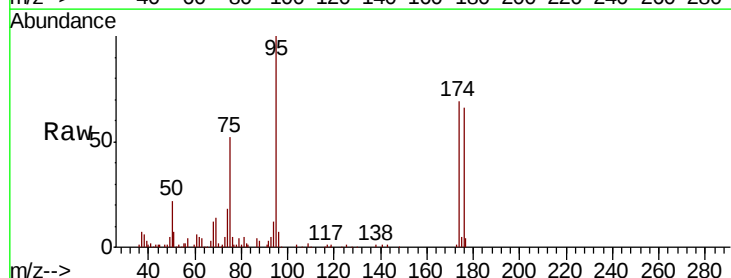
Tgt Ion: 95 Resp: 86875

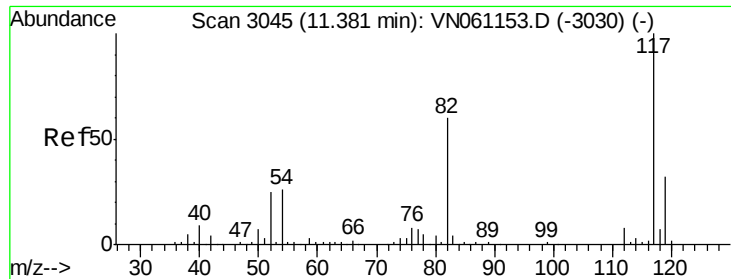
Ion Ratio Lower Upper

95 100

174 69.4 0.0 149.4

176 67.1 0.0 144.8

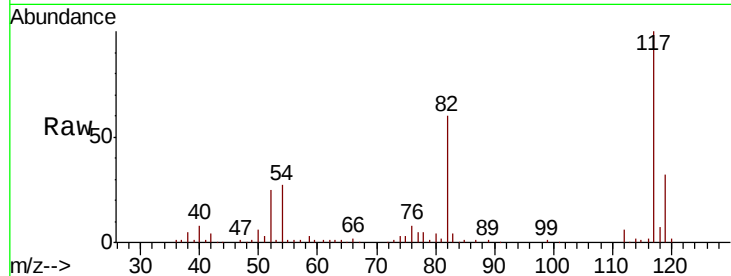




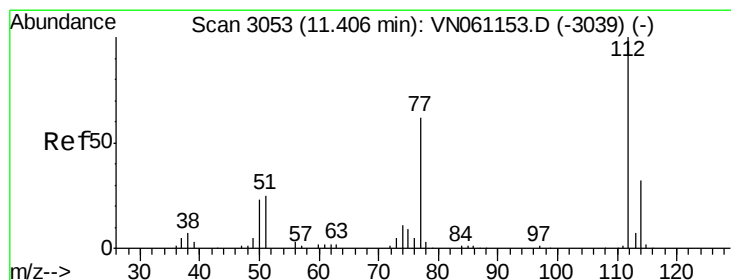
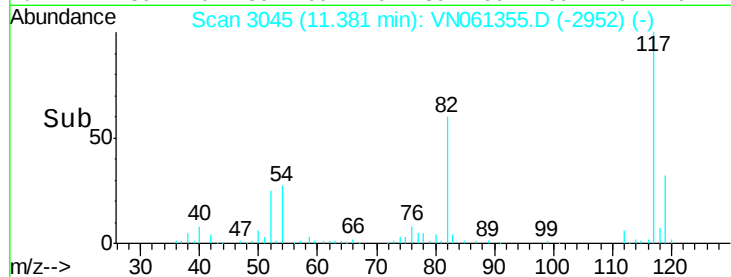
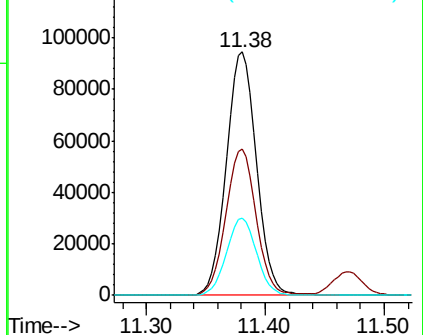
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
SS038MW004-200504

Tot Ion:117 Resp: 166119
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.7 25.8 38.6

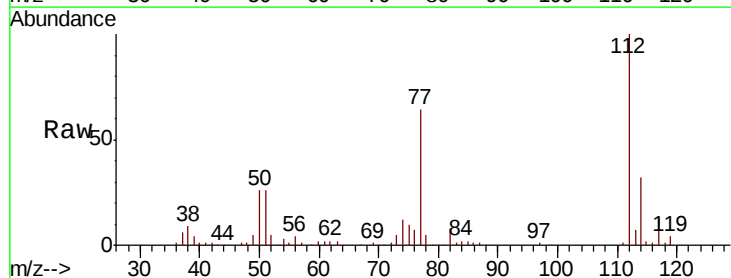


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

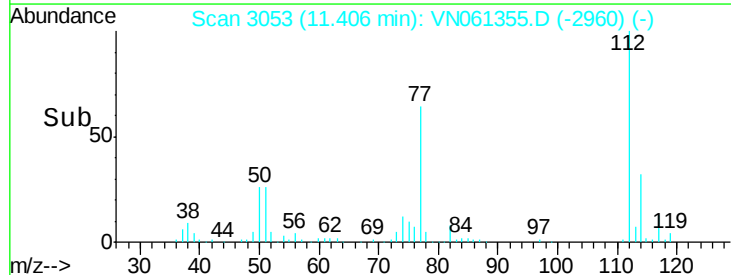
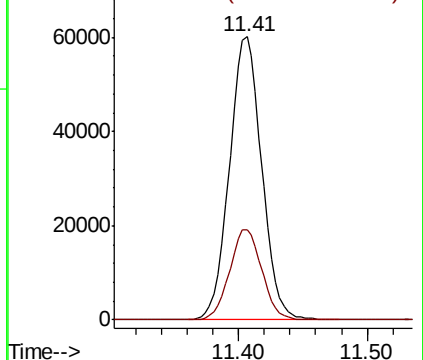


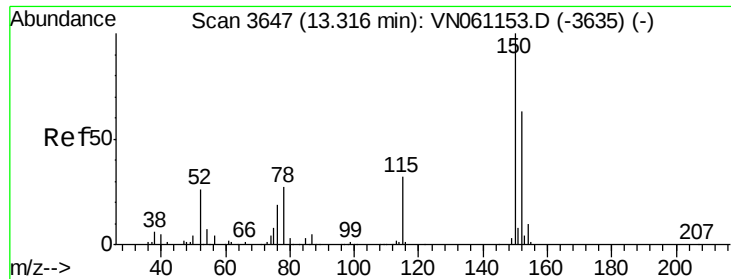
#65
Chlorobenzene
Concen: 31.657 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion:112 Resp: 104317
Ion Ratio Lower Upper
112 100
114 31.9 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# 3647

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

SS038MW004-200504

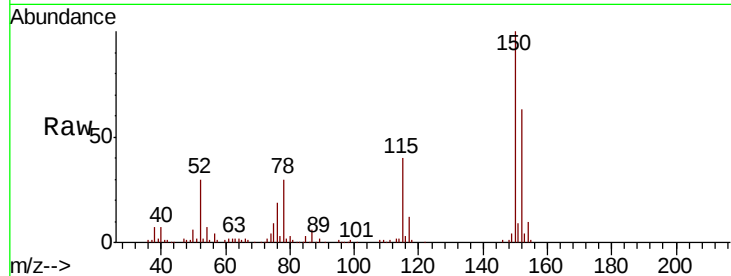
Tot Ion:152 Resp: 76633

Ion Ratio Lower Upper

152 100

115 62.6 31.0 93.0

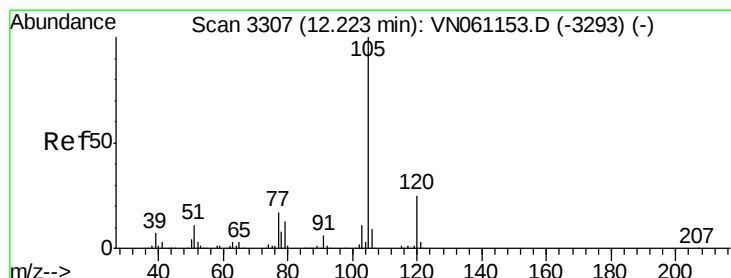
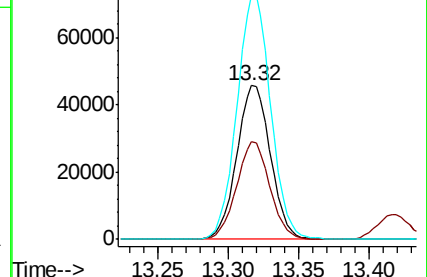
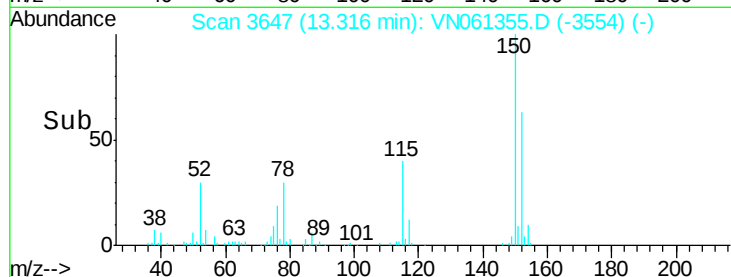
150 159.0 0.0 351.8



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: 2.340 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061355.D

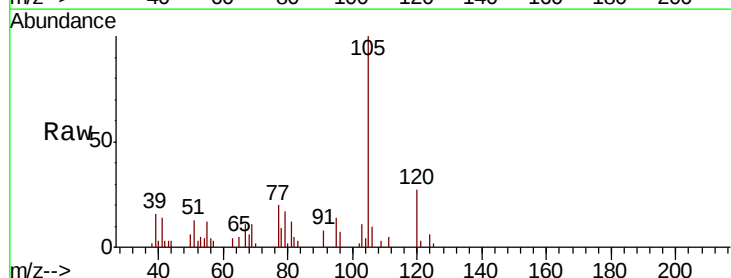
Acq: 8 May 2020 12:40

Tgt Ion:105 Resp: 13181

Ion Ratio Lower Upper

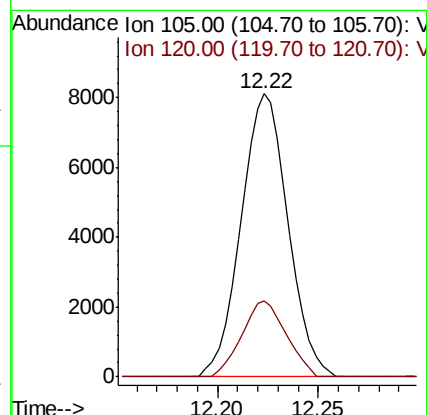
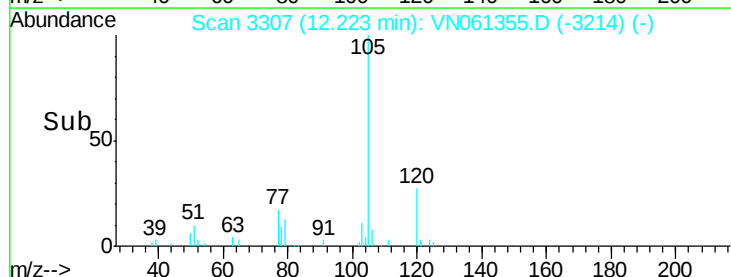
105 100

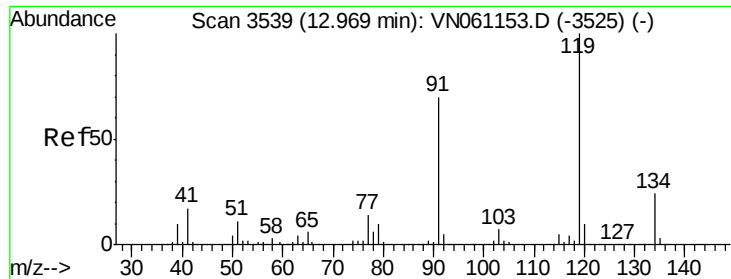
120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

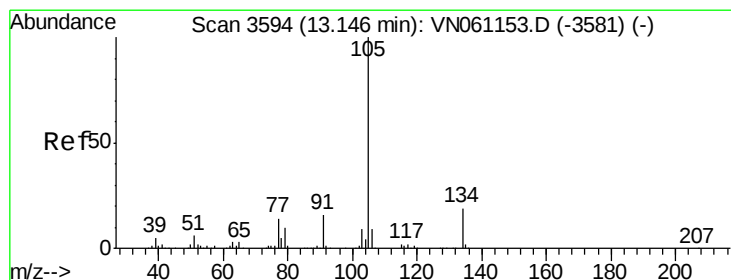
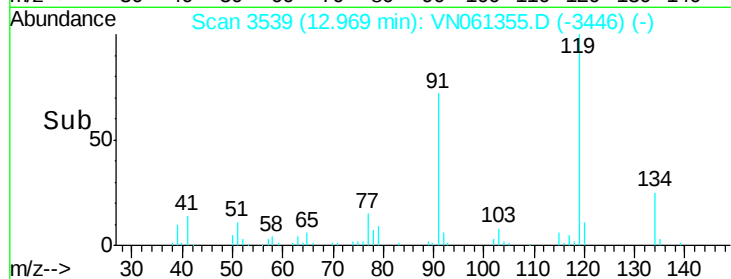
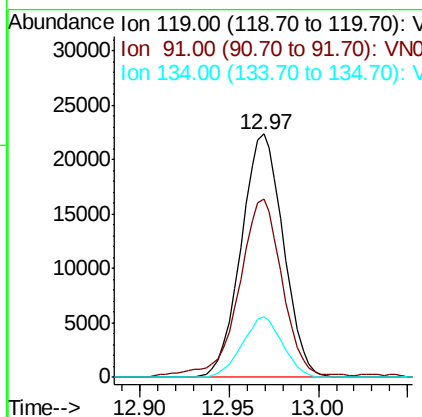
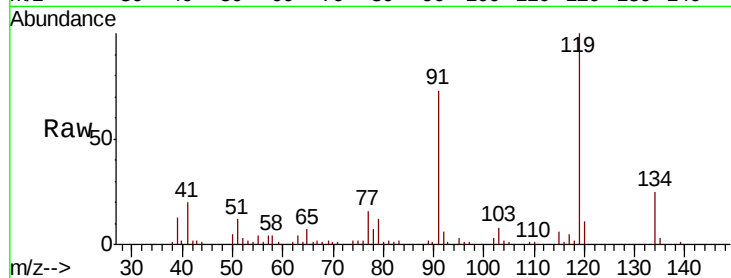




#83
tert-Butylbenzene
Concen: 9.392 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

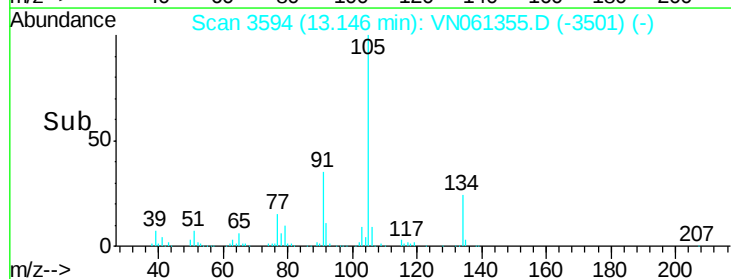
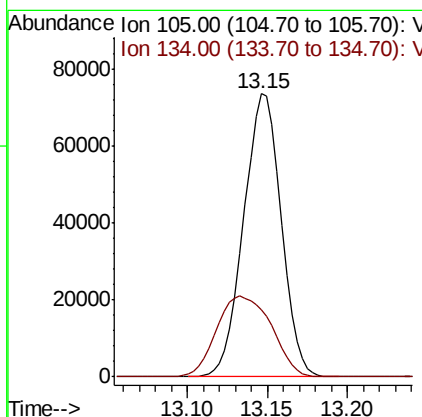
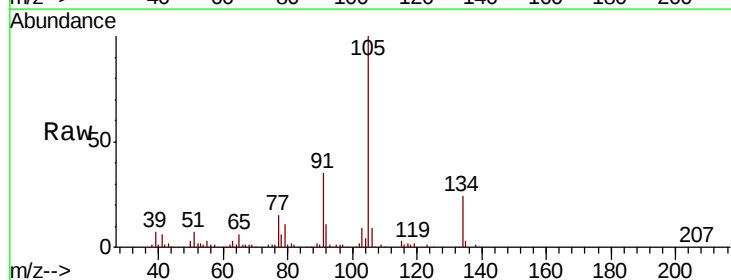
Instrument :
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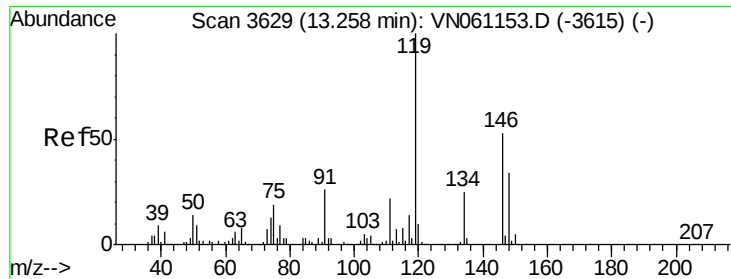
Tot Ion:119 Resp: 36925
Ion Ratio Lower Upper
119 100
91 75.8 34.8 104.4
134 23.7 12.9 38.7



#85
sec-Butylbenzene
Concen: 22.138 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion:105 Resp: 118666
Ion Ratio Lower Upper
105 100
134 41.6 9.6 28.8#

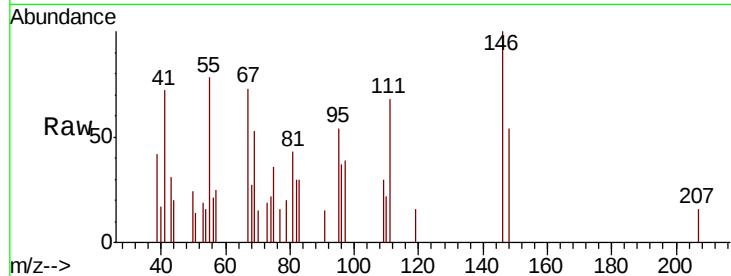




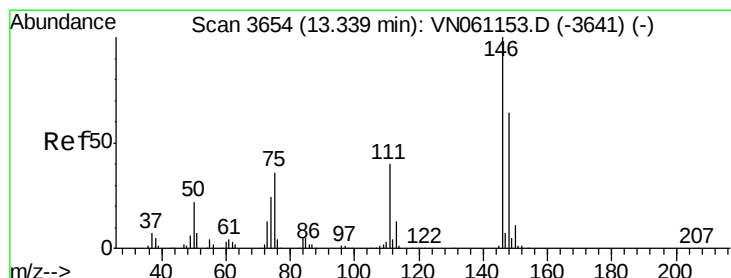
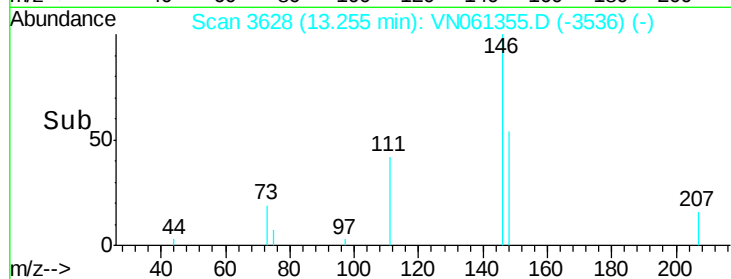
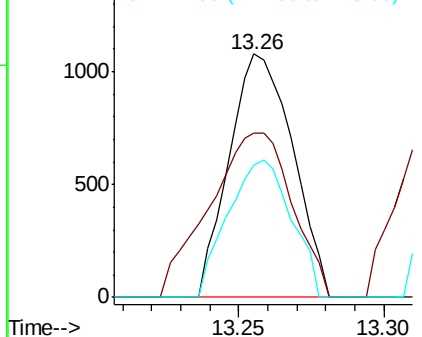
#87
 1,3-Dichlorobenzene
 Concen: 0.685 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW004-200504

Tot Ion:146 Resp: 1641
 Ion Ratio Lower Upper
 146 100
 111 88.1 20.7 62.1#
 148 56.1 31.8 95.3

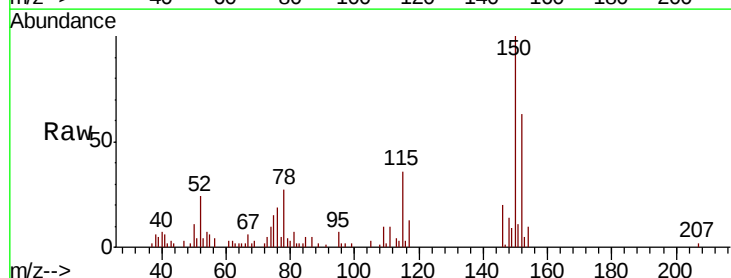


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

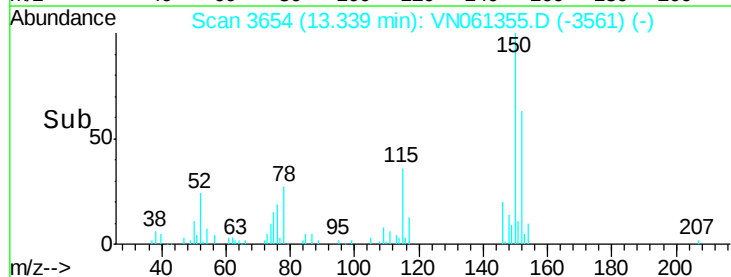
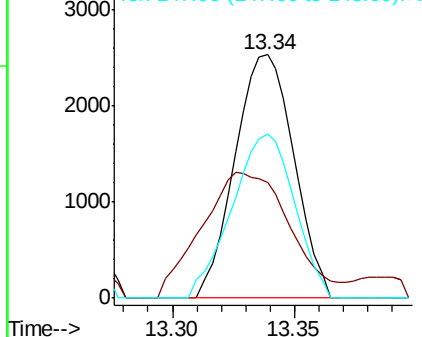


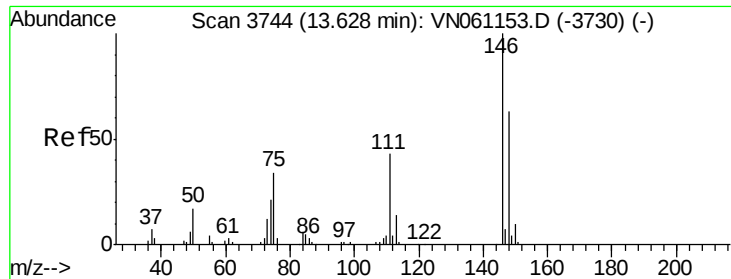
#88
 1,4-Dichlorobenzene
 Concen: 1.737 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion:146 Resp: 4248
 Ion Ratio Lower Upper
 146 100
 111 77.3 20.4 61.3#
 148 71.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#91
 1,2-Dichlorobenzene
 Concen: 0.608 ug/l
 RT: 13.63 min Scan# 3745
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SS038MW004-200504

Tot Ion:	146	Resp:	1396
Ion	Ratio	Lower	Upper
146	100		
111	66.1	21.8	65.3#
148	51.3	31.6	95.0

