

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054655.D
 Acq On : 24 Mar 2019 18:19
 Operator : JC/SP
 Sample : K2047-16ME
 Misc : 6.15g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB440-190318-(19-21)ME

Quant Time: Mar 25 07:42:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

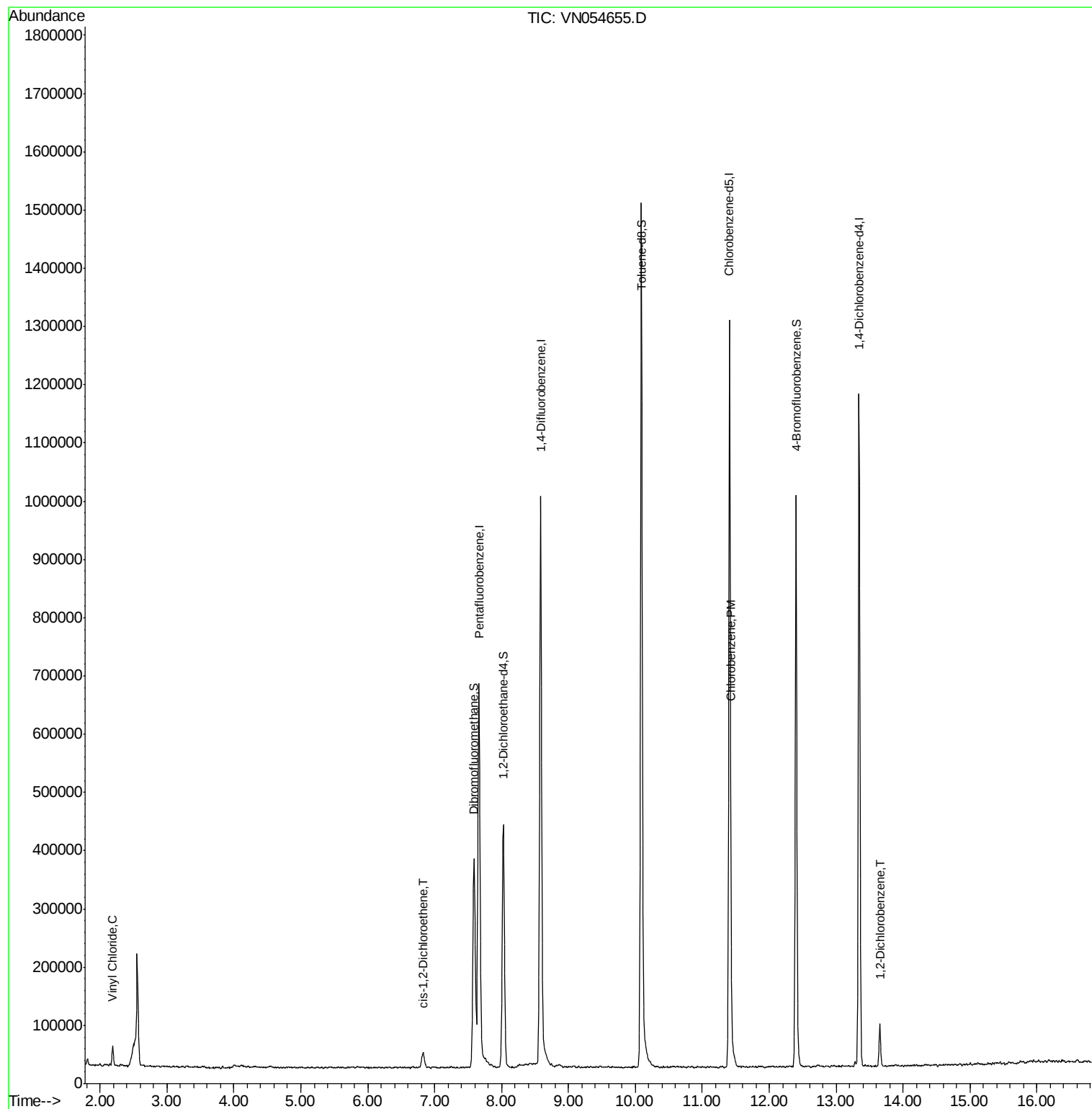
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	567801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	883943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	758593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	305875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	350189	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	268540	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	10.09	98	1090372	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	338440	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
Target Compounds						
4) Vinyl Chloride	2.19	62	29903	4.033	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	15805	2.369	ug/l	83
65) Chlorobenzene	11.43	112	18142	1.176	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	28897	2.945	ug/l	95

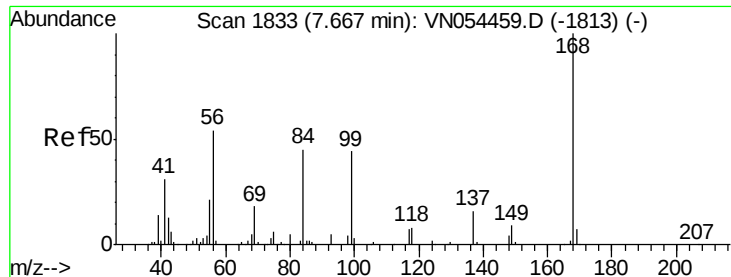
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

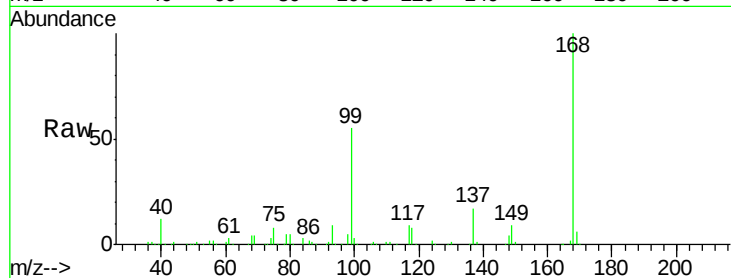
WP022SB440-190318-(19-21)ME

Tot Ion:168 Resp: 567801

Ion Ratio Lower Upper

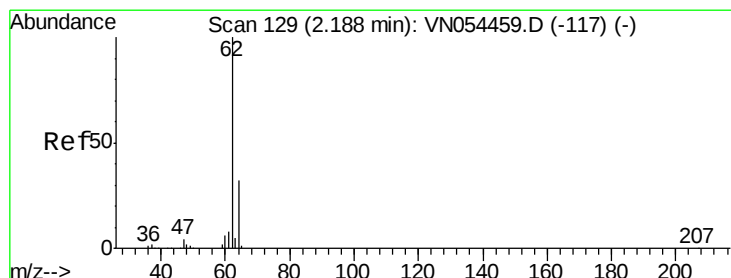
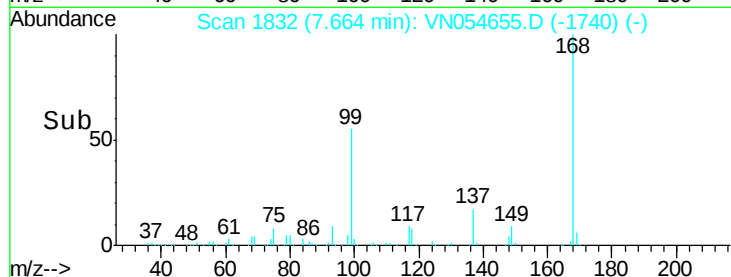
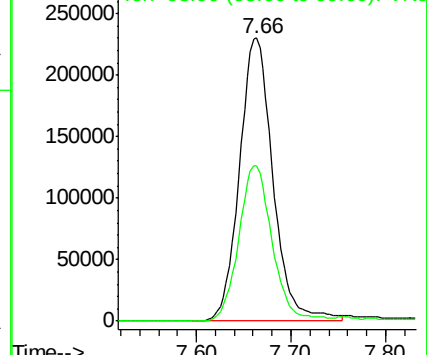
168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 4.033 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054655.D

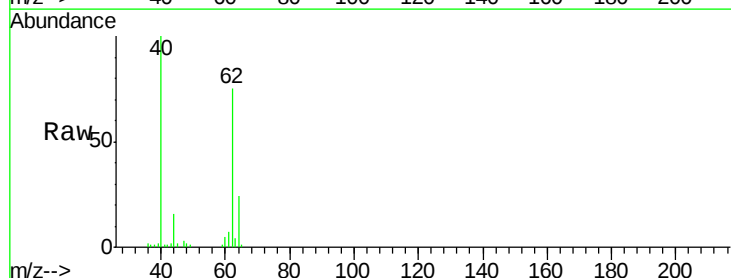
Acq: 24 Mar 2019 18:19

Tgt Ion: 62 Resp: 29903

Ion Ratio Lower Upper

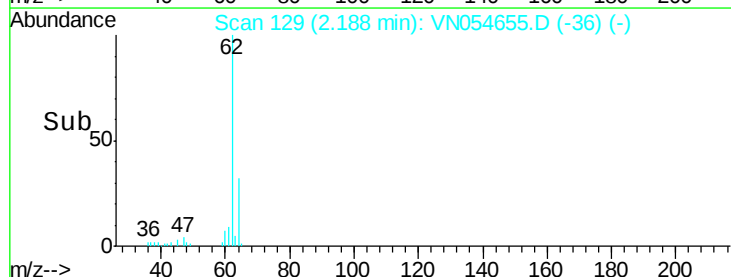
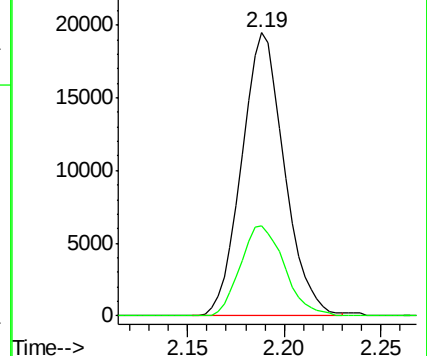
62 100

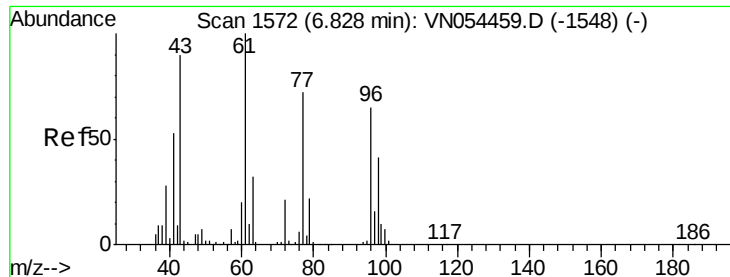
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 2.369 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

WP022SB440-190318-(19-21)ME

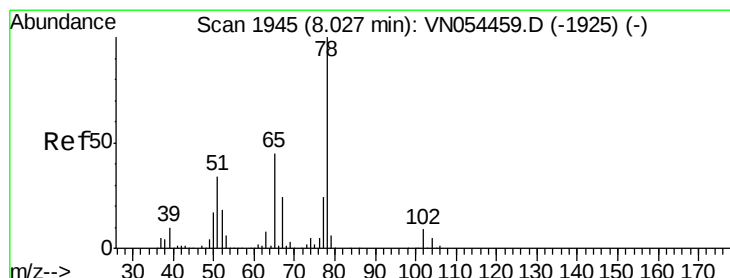
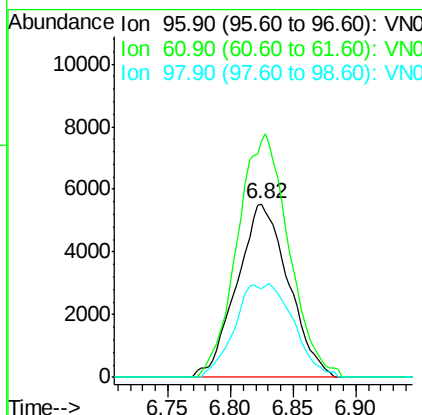
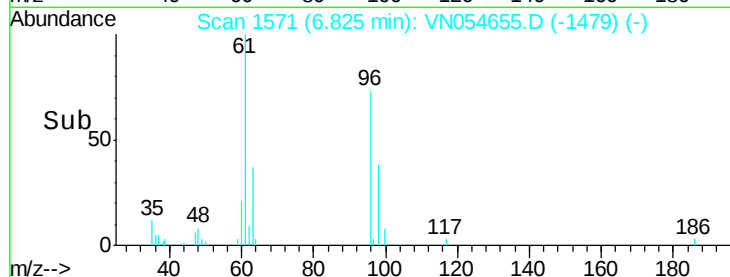
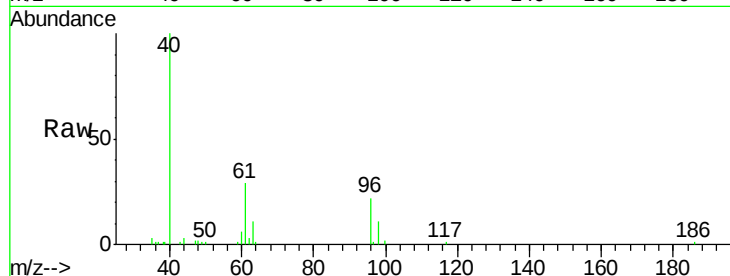
Tot Ion: 96 Resp: 15805

Ion Ratio Lower Upper

96 100

61 140.2 0.0 273.0

98 29.2 0.0 130.6



#33

1,2-Dichloroethane-d4

Concen: 49.584 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054655.D

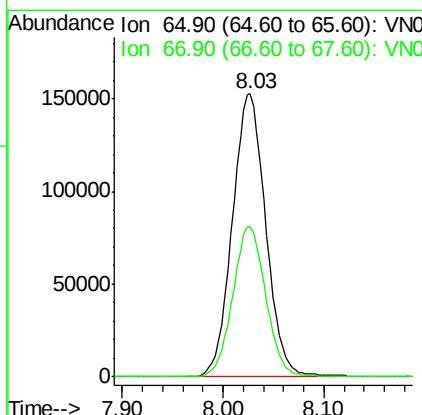
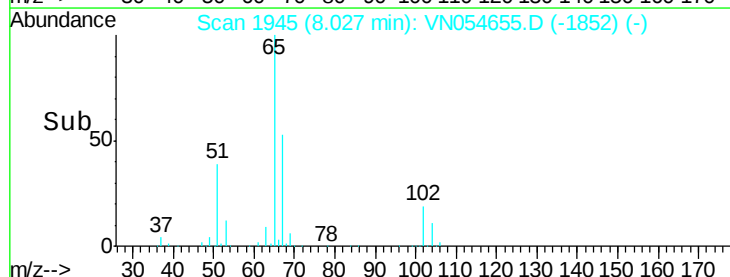
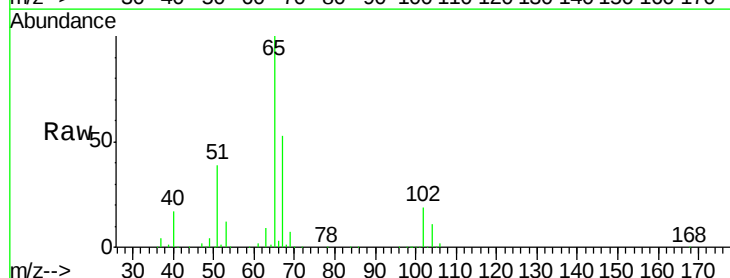
Acq: 24 Mar 2019 18:19

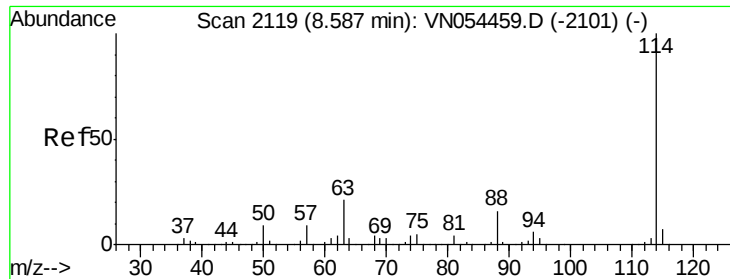
Tgt Ion: 65 Resp: 350189

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6

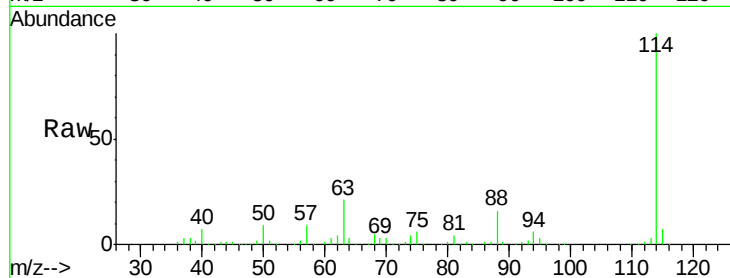




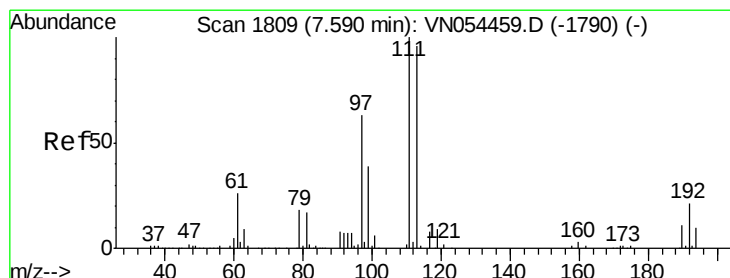
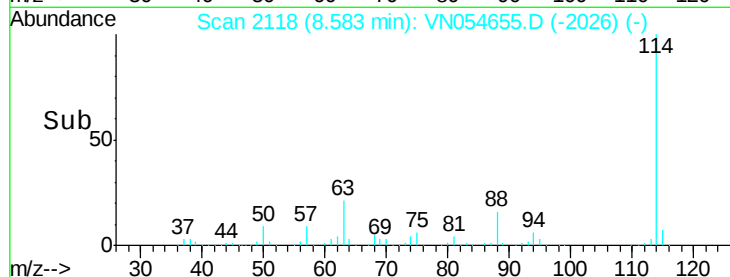
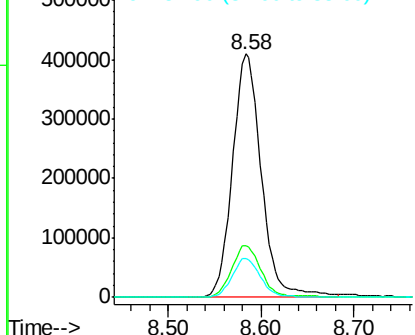
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054655.D
Acq: 24 Mar 2019 18:19

Instrument :
MSVOA_N
ClientSampleId :
WP022SB440-190318-(19-21)ME

Tot Ion:114 Resp: 883943
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.2
88 16.1 0.0 30.2

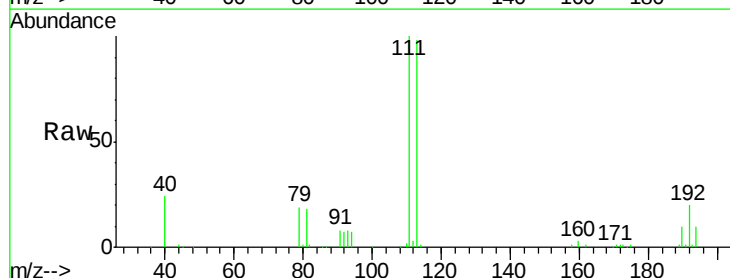


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

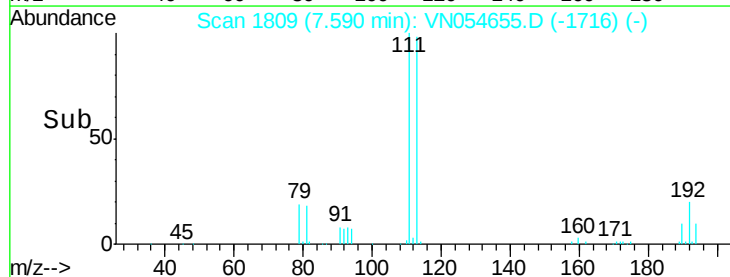
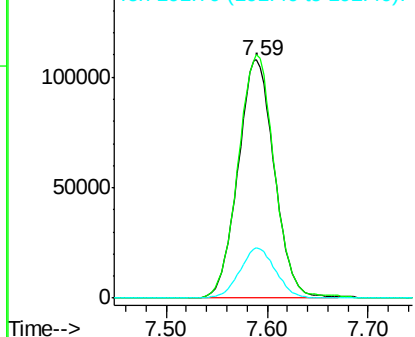


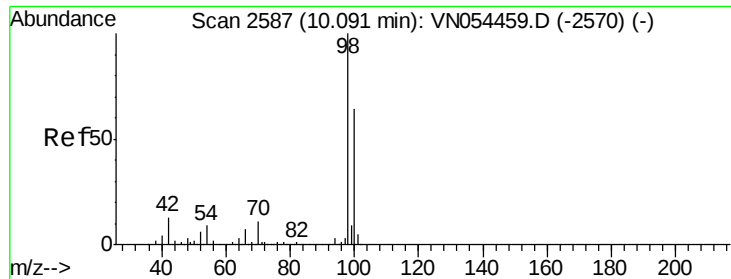
#35
Dibromofluoromethane
Concen: 47.155 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054655.D
Acq: 24 Mar 2019 18:19

Tgt Ion:113 Resp: 268540
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.7 19.2 28.8



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





#50

Toluene-d8

Concen: 50.931 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

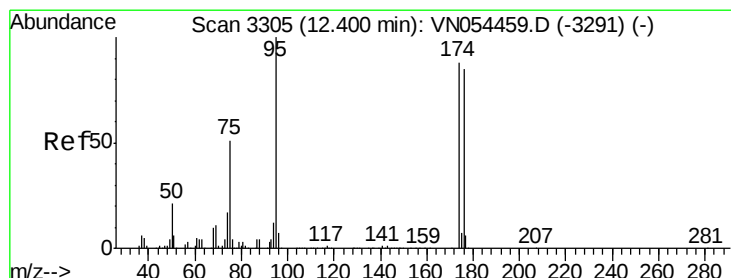
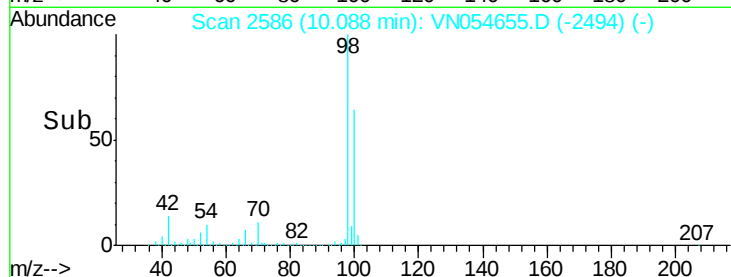
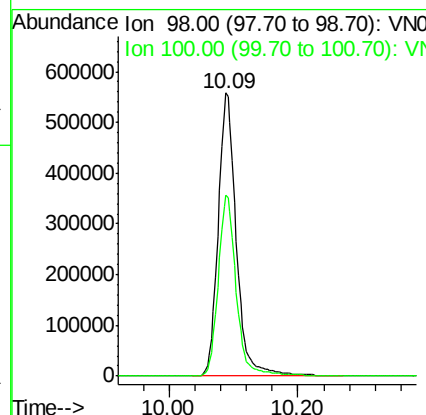
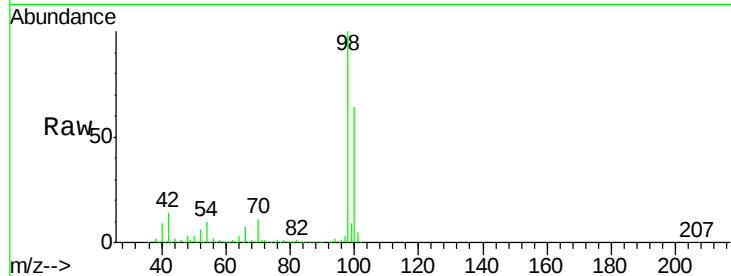
WP022SB440-190318-(19-21)ME

Tot Ion: 98 Resp: 1090372

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.456 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

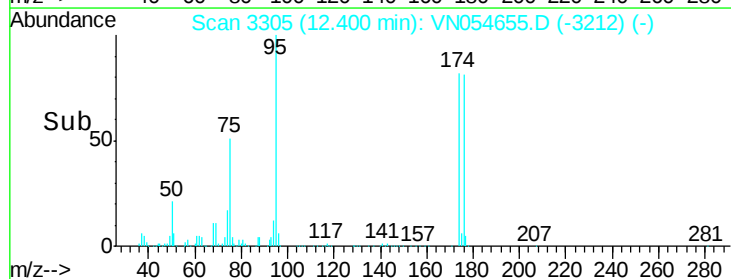
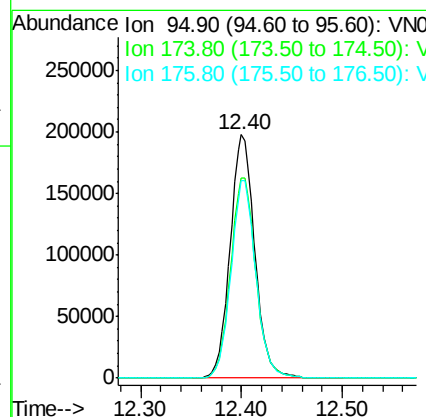
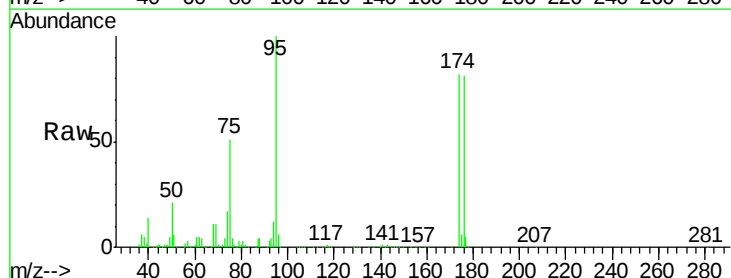
Tgt Ion: 95 Resp: 338440

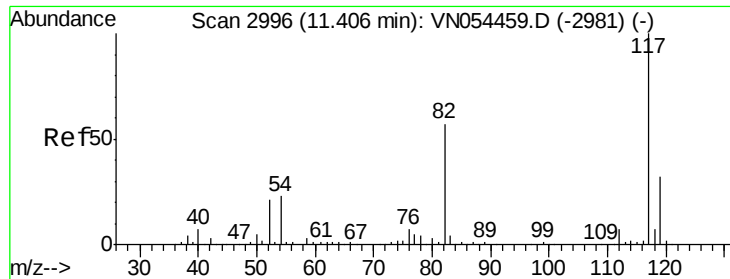
Ion Ratio Lower Upper

95 100

174 84.1 0.0 191.0

176 81.7 0.0 187.4

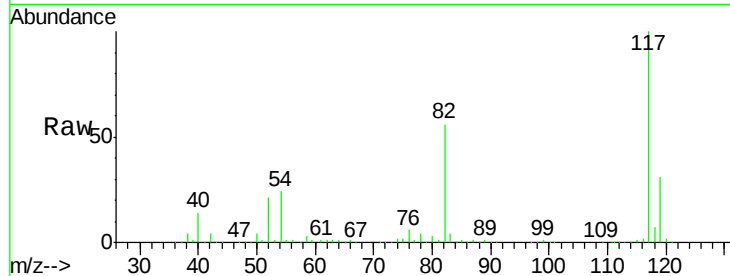




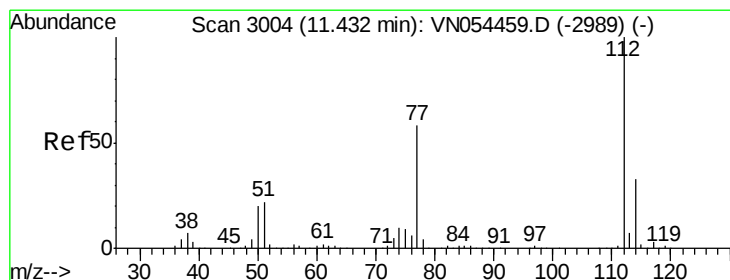
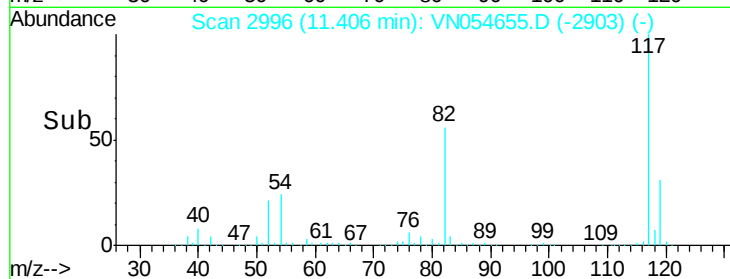
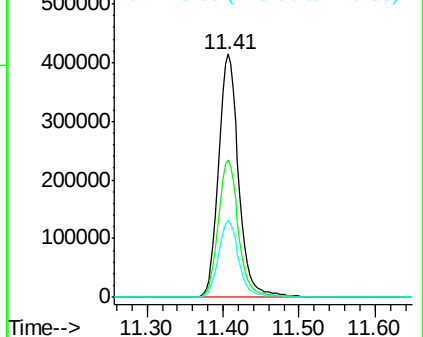
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054655.D
Acq: 24 Mar 2019 18:19

Instrument :
MSVOA_N
ClientSampleId :
WP022SB440-190318-(19-21)ME

Tot Ion:117 Resp: 758593
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 31.5 25.8 38.6

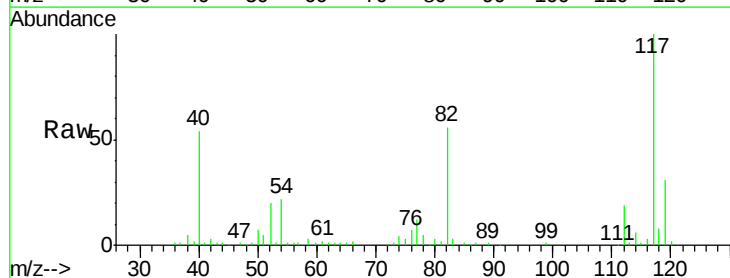


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

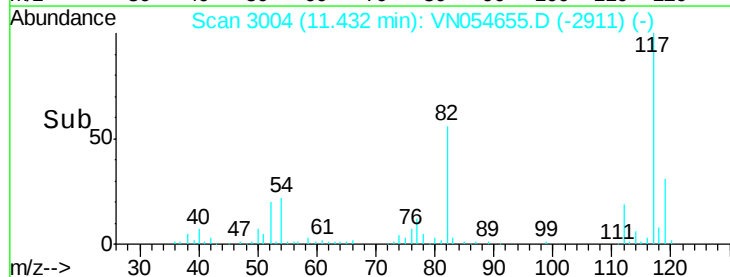
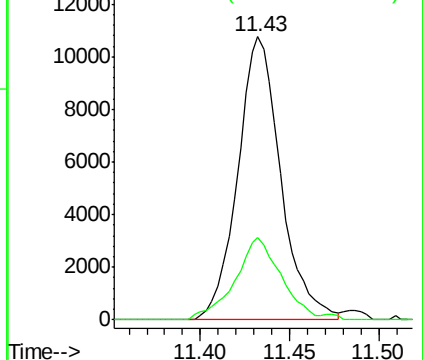


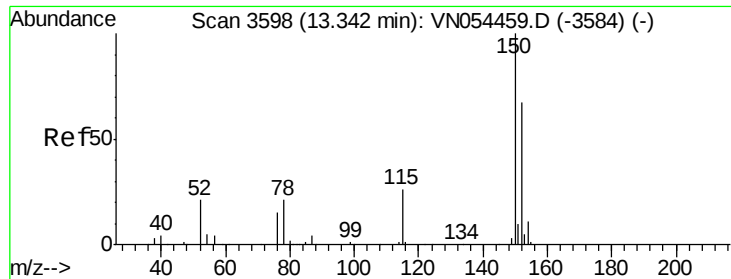
#65
Chlorobenzene
Concen: 1.176 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054655.D
Acq: 24 Mar 2019 18:19

Tgt Ion:112 Resp: 18142
Ion Ratio Lower Upper
112 100
114 29.0 25.9 38.9



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

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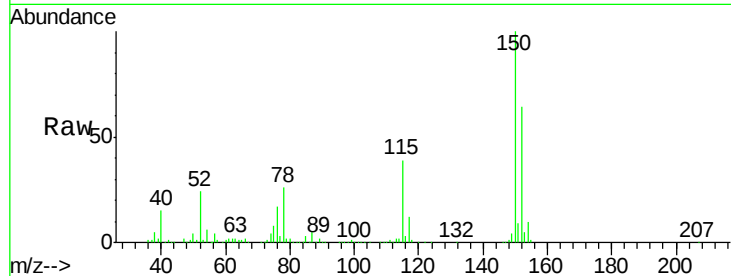
Tot Ion:152 Resp: 305875

Ion Ratio Lower Upper

152 100

115 59.0 27.2 81.6

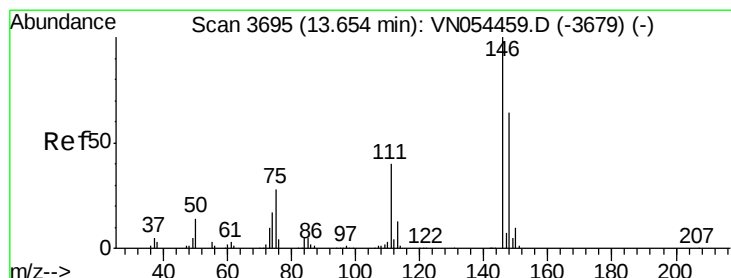
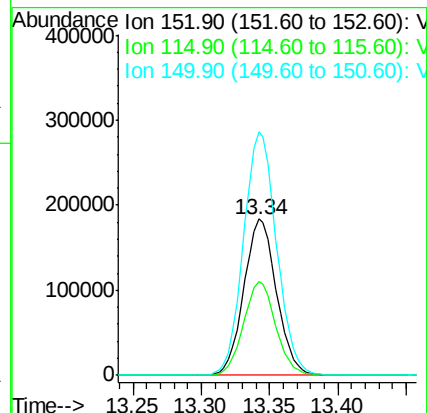
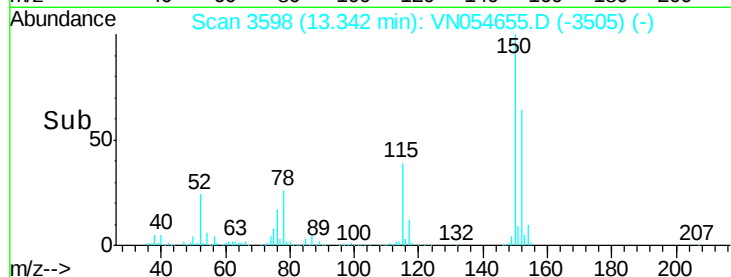
150 157.3 0.0 349.2



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



#91

1,2-Dichlorobenzene

Concen: 2.945 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN054655.D

Acq: 24 Mar 2019 18:19

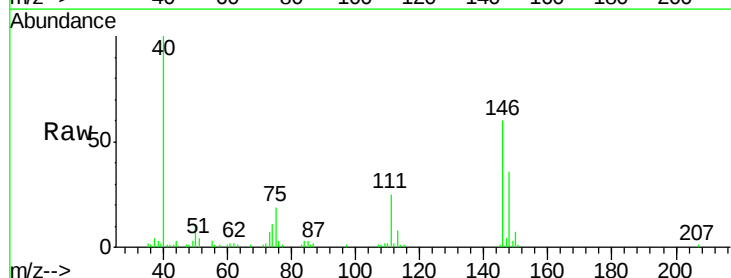
Tgt Ion:146 Resp: 28897

Ion Ratio Lower Upper

146 100

111 43.1 19.1 57.3

148 62.0 32.4 97.0



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

