

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054565.D
 Acq On : 22 Mar 2019 18:32
 Operator : JC/SP
 Sample : K1965-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-DUP05-20190315

Quant Time: Mar 23 04:01:27 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

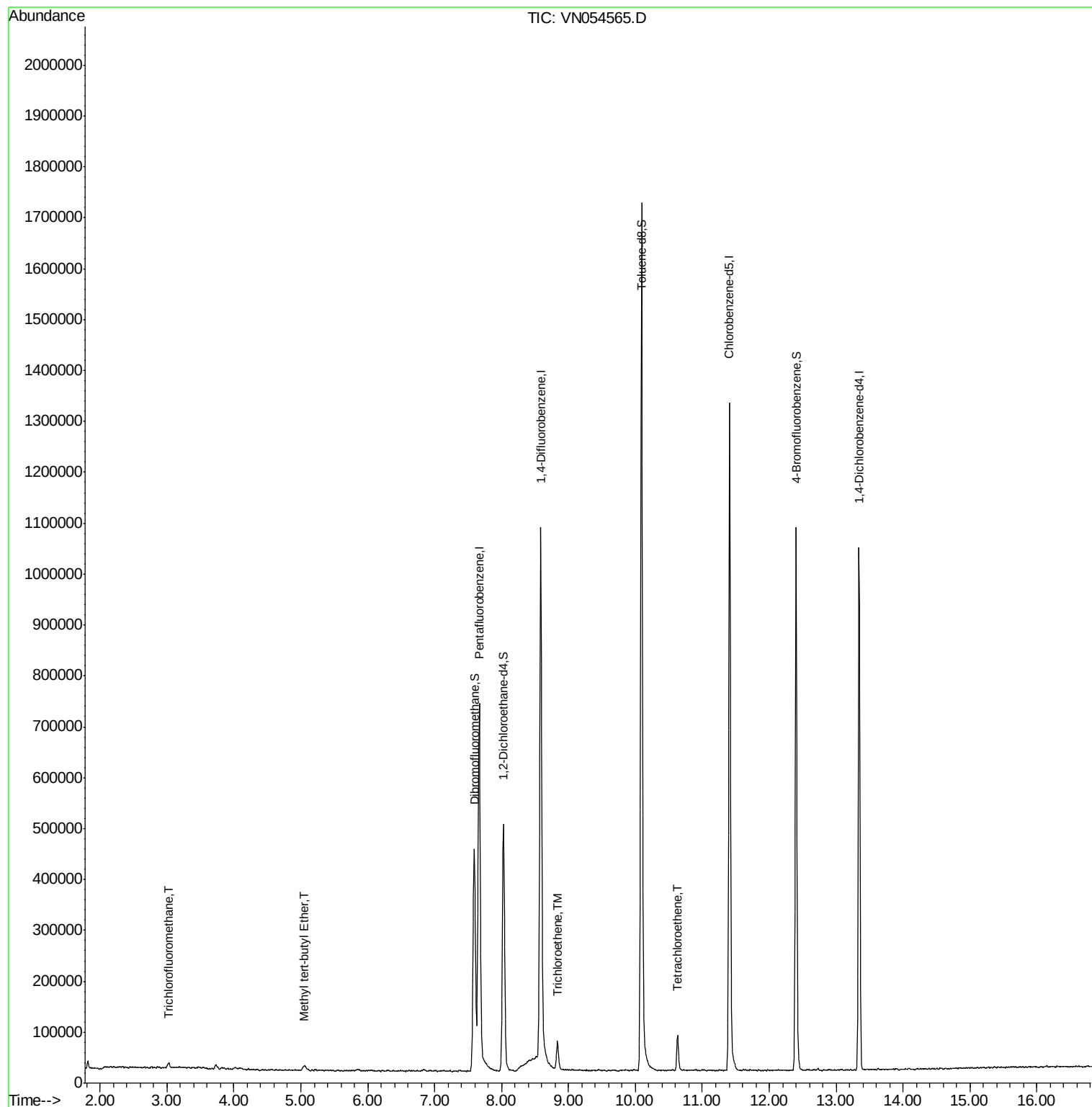
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	630993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	974616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424094	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.59	113	333373	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.09	98	1244553	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.40	95	372793	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
7) Trichlorofluoromethane	3.02	101	8691	0.869	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	13700	0.771	ug/l	99
44) Trichloroethene	8.83	130	20185	2.786	ug/l	91
64) Tetrachloroethene	10.63	164	16891	2.593	ug/l #	91

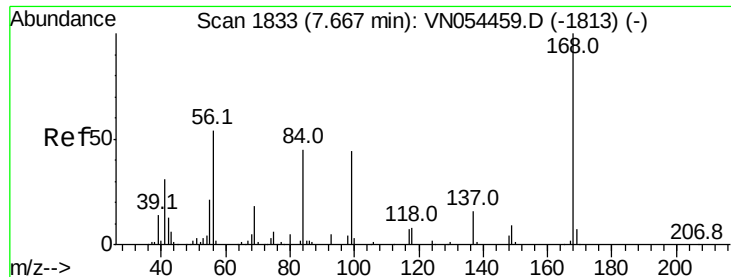
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054565.D

Acq: 22 Mar 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

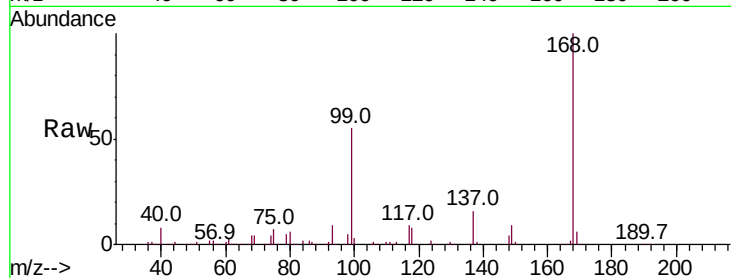
BP-DUP05-20190315

Tot Ion:168 Resp: 630993

Ion Ratio Lower Upper

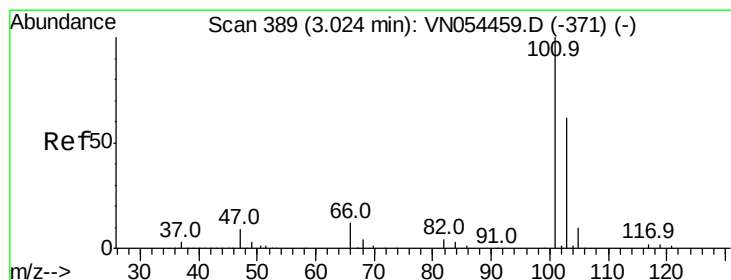
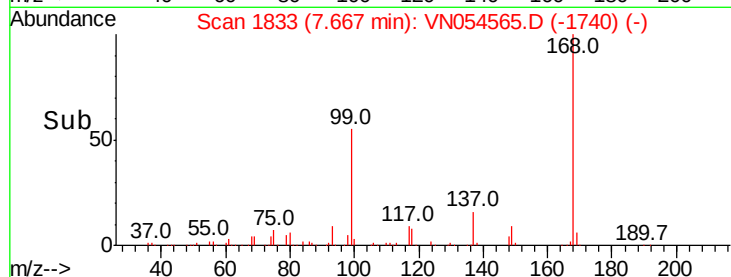
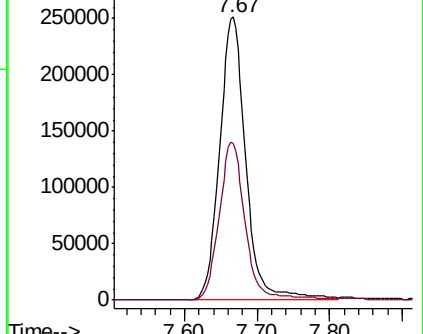
168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#7

Trichlorofluoromethane

Concen: 0.869 ug/l

RT: 3.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN054565.D

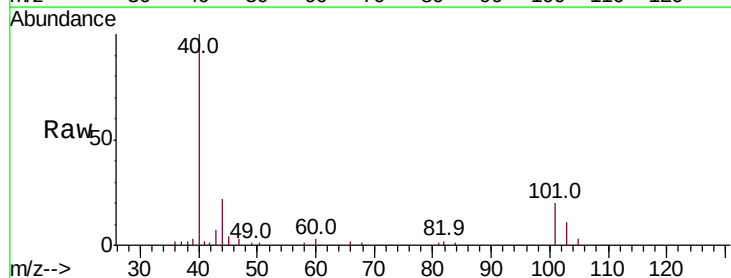
Acq: 22 Mar 2019 18:32

Tgt Ion:101 Resp: 8691

Ion Ratio Lower Upper

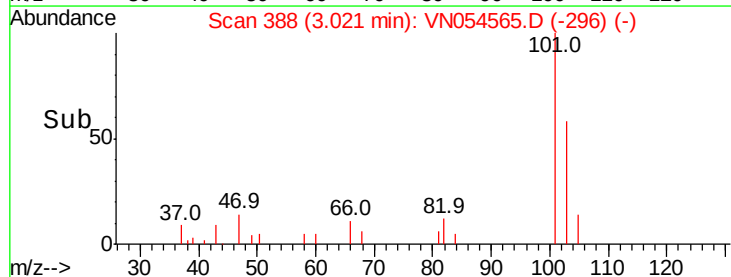
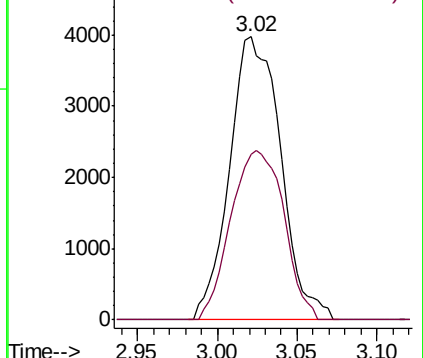
101 100

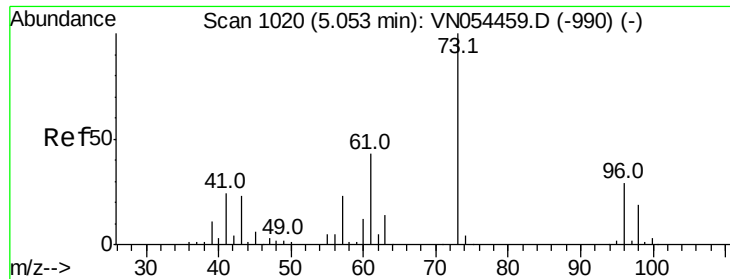
103 58.5 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

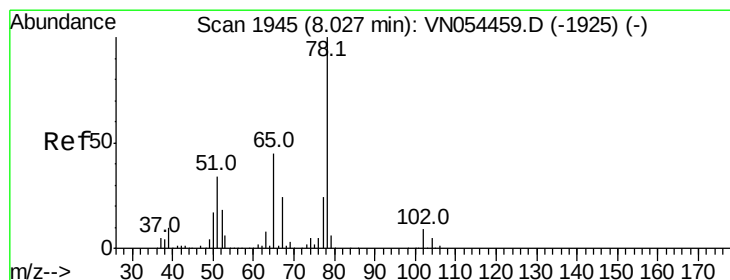
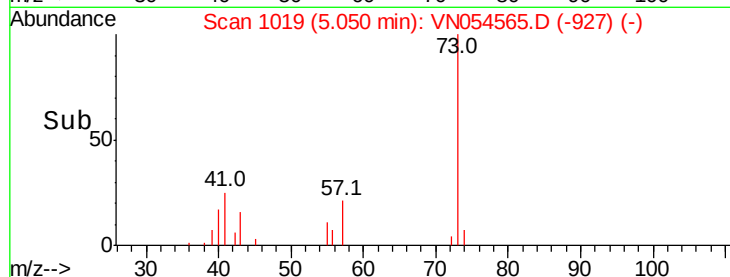
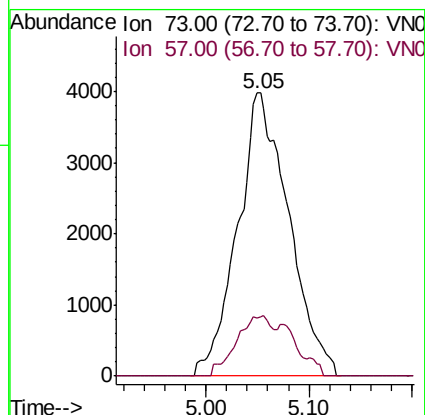
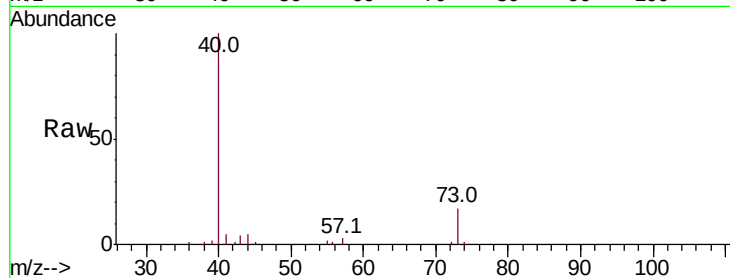




#19
Methyl tert-butyl Ether
Concen: 0.771 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

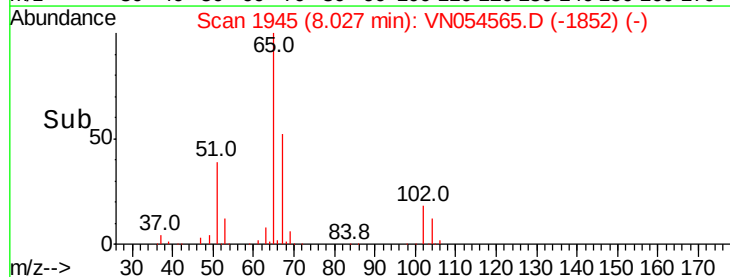
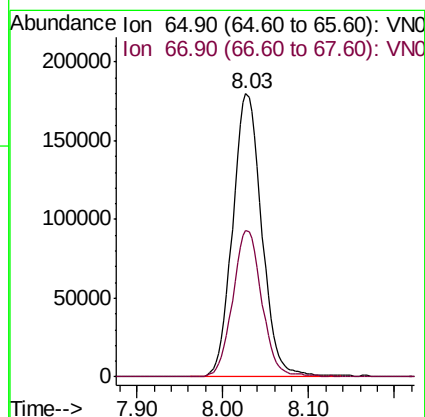
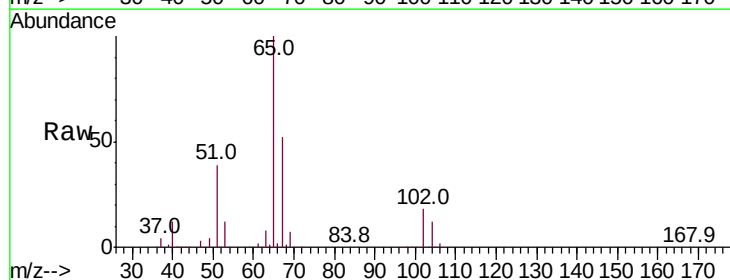
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MSVOA_N
ClientSampleId :
BP-DUP05-20190315

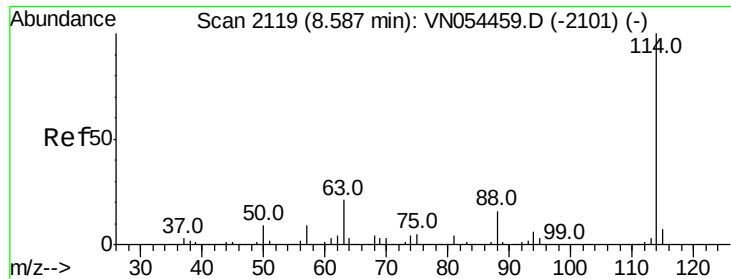
Tot Ion: 73 Resp: 13700
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 54.035 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

Tgt Ion: 65 Resp: 424094
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

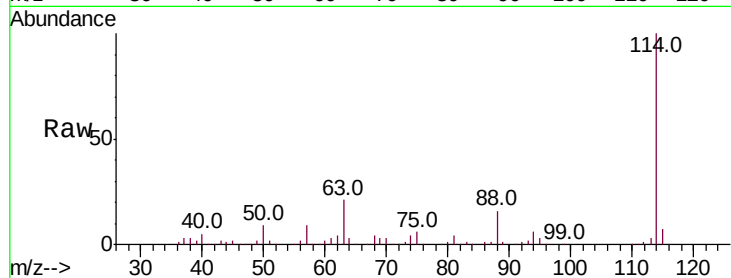




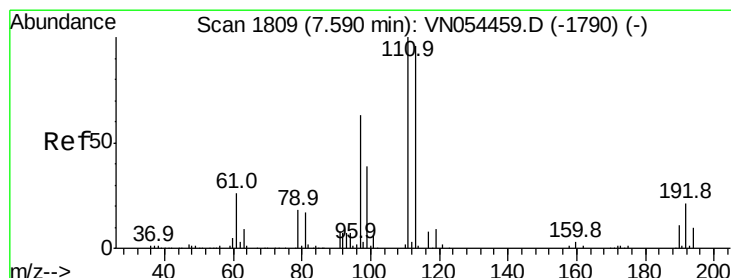
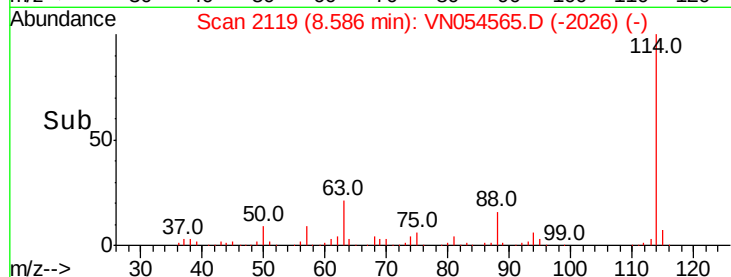
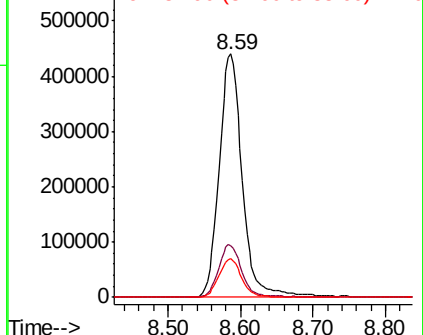
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
BP-DUP05-20190315

Tot Ion:114 Resp: 974616
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.2
88 15.7 0.0 30.2

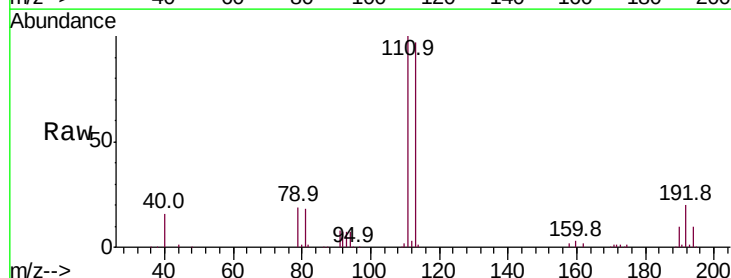


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

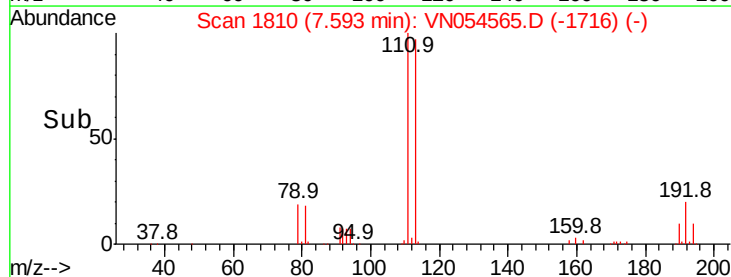
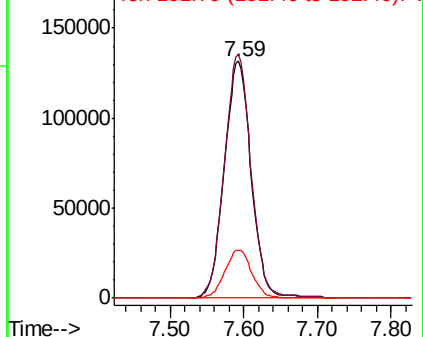


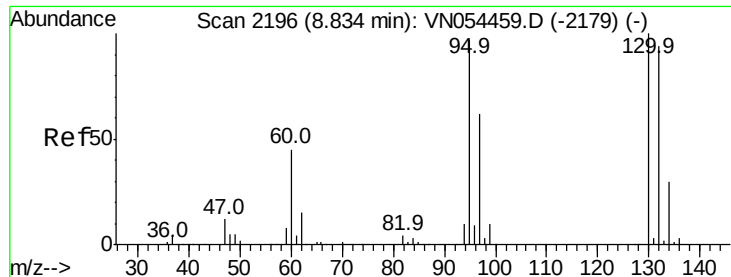
#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

Tgt Ion:113 Resp: 333373
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.2 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





#44

Trichloroethene

Concen: 2.786 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054565.D

Acq: 22 Mar 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

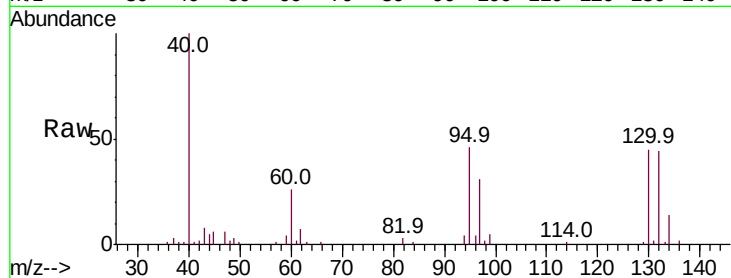
BP-DUP05-20190315

Tot Ion:130 Resp: 20185

Ion Ratio Lower Upper

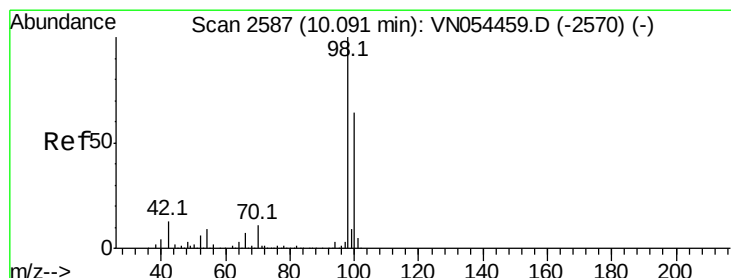
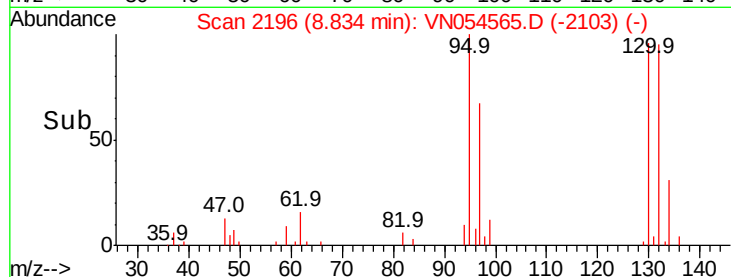
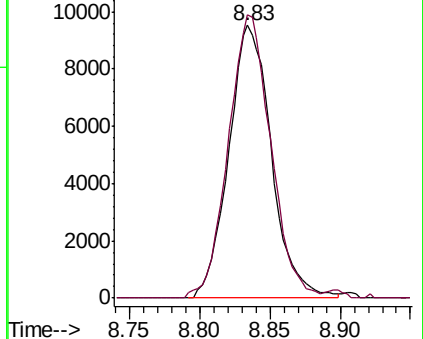
130 100

95 101.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)



#50

Toluene-d8

Concen: 52.724 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054565.D

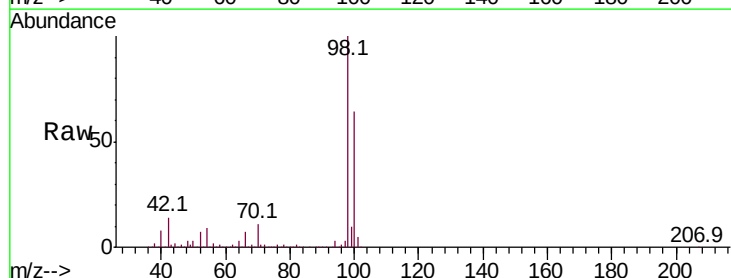
Acq: 22 Mar 2019 18:32

Tgt Ion: 98 Resp: 1244553

Ion Ratio Lower Upper

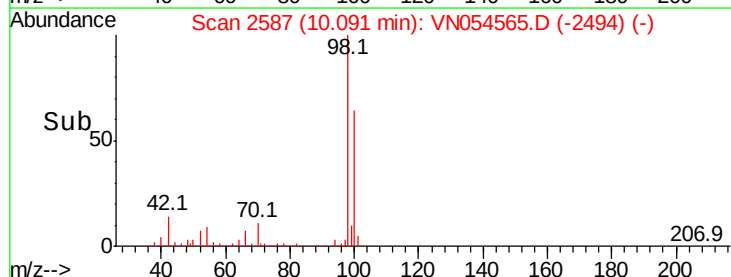
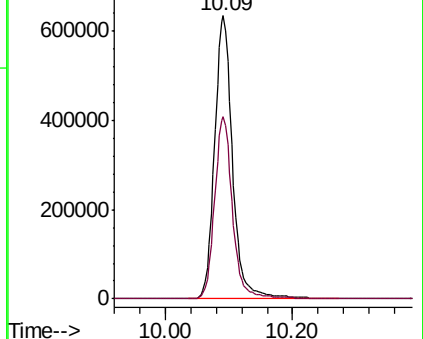
98 100

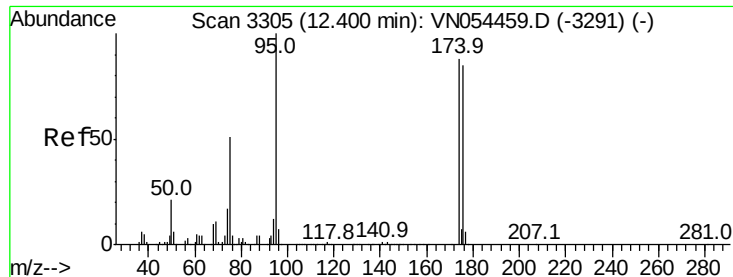
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

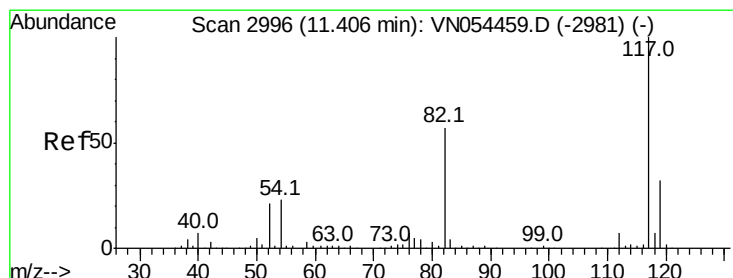
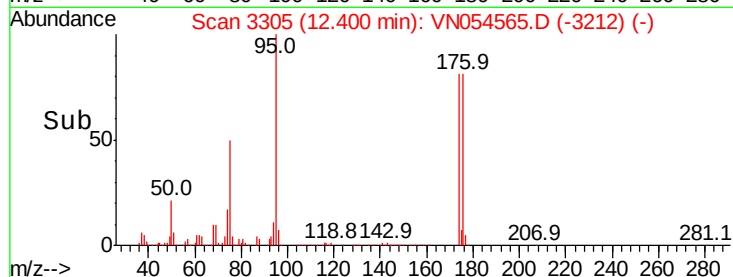
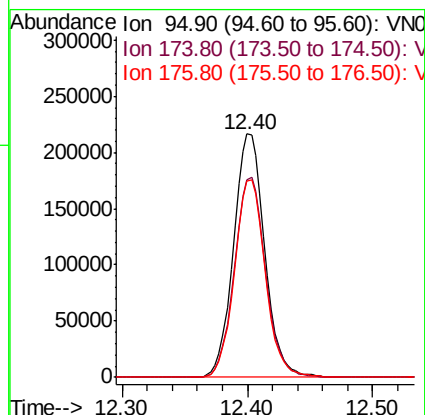
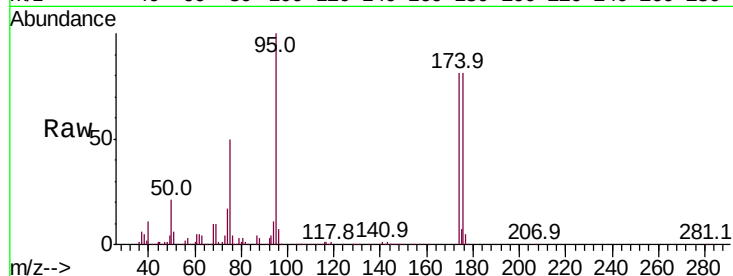




#62
4-Bromofluorobenzene
Concen: 46.411 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

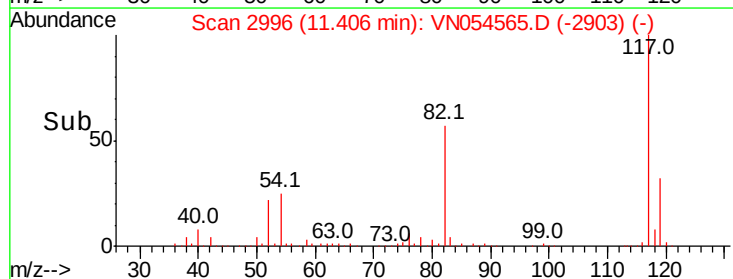
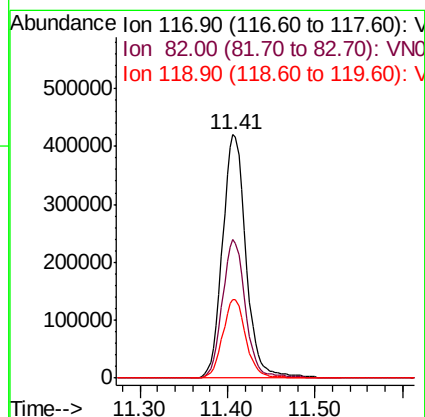
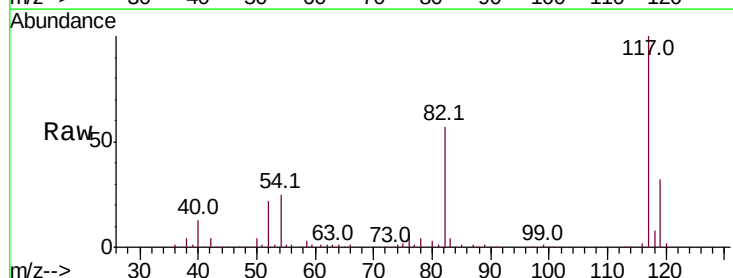
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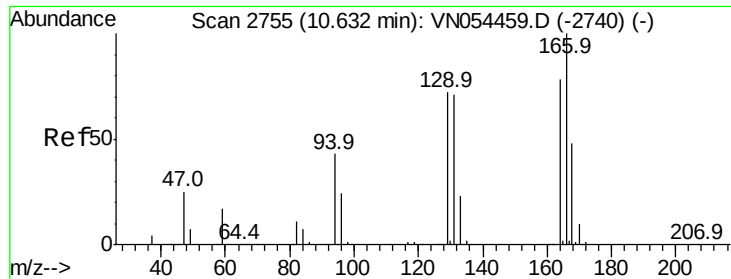
Tot Ion: 95 Resp: 372793
Ion Ratio Lower Upper
95 100
174 82.5 0.0 191.0
176 80.4 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054565.D
Acq: 22 Mar 2019 18:32

Tgt Ion: 117 Resp: 785256
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.5 25.8 38.6





#64

Tetrachloroethene

Concen: 2.593 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054565.D

Acq: 22 Mar 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP05-20190315

Tot Ion:164 Resp: 16891

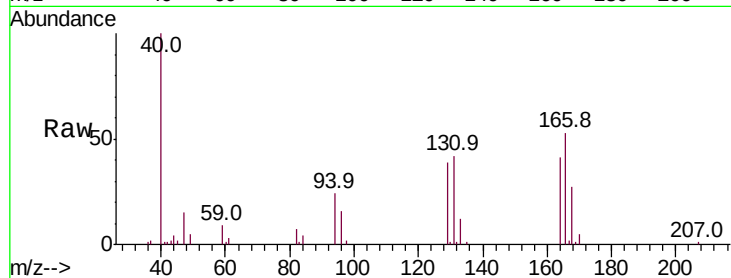
Ion Ratio Lower Upper

164 100

166 131.3 103.9 155.9

129 96.7 71.1 106.7

131 103.7 68.2 102.4#

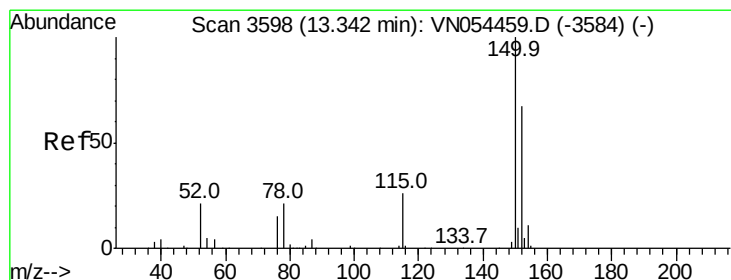
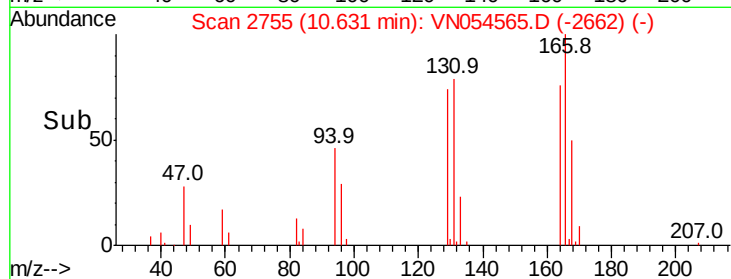
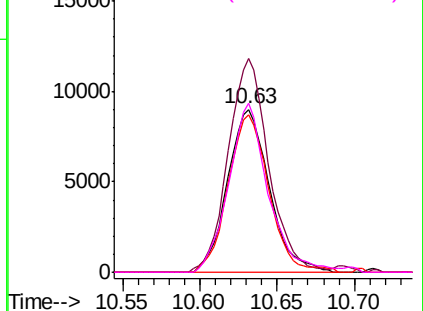


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN054565.D

Acq: 22 Mar 2019 18:32

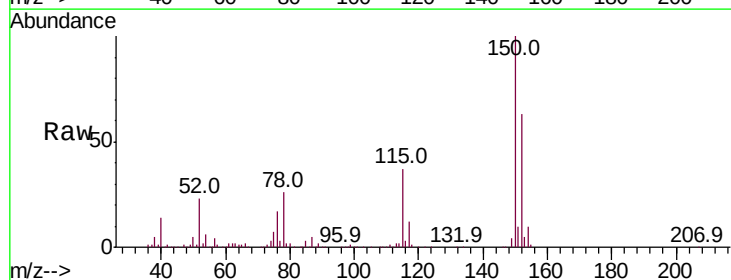
Tgt Ion:152 Resp: 272740

Ion Ratio Lower Upper

152 100

115 58.1 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

