

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054609.D
 Acq On : 23 Mar 2019 17:22
 Operator : JC/SP
 Sample : K2020-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-190318

Quant Time: Mar 25 04:24:58 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

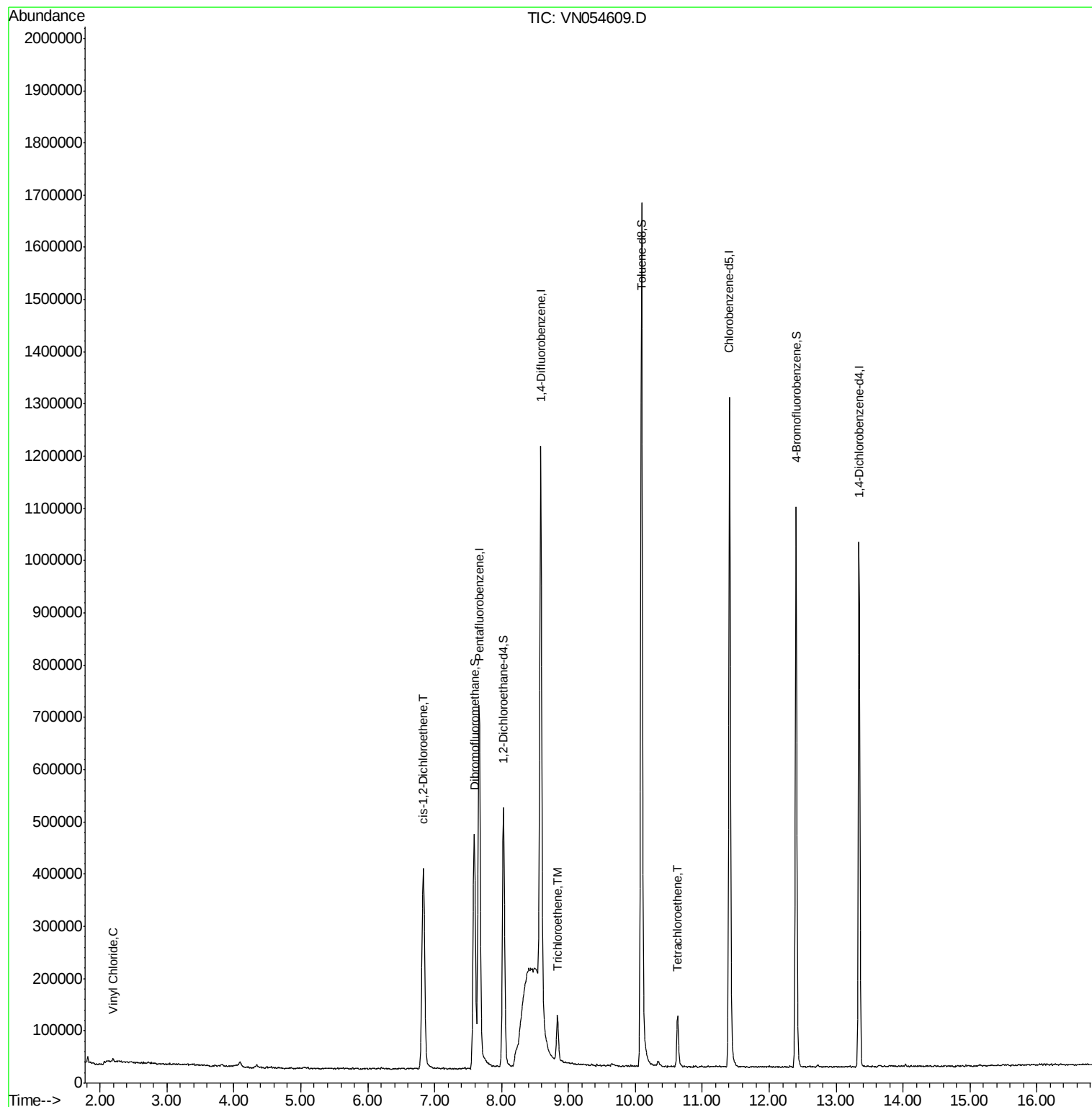
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	763253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	264063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427754	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	7.59	113	337879	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.09	98	1242704	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.40	95	364019	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
4) Vinyl Chloride	2.19	62	4732	0.602	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	245801	34.766	ug/l	97
44) Trichloroethene	8.83	130	32528	4.547	ug/l	96
64) Tetrachloroethene	10.63	164	23355	3.689	ug/l	96

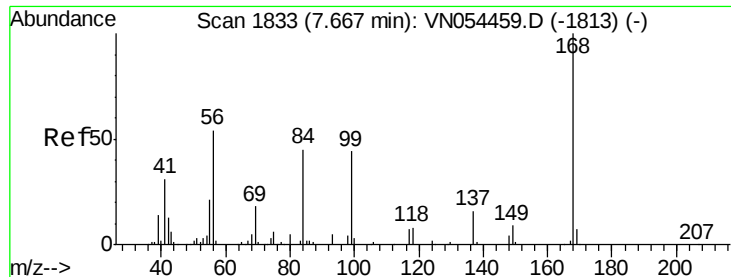
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032319\
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Quant Title : SW846 8260
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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: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

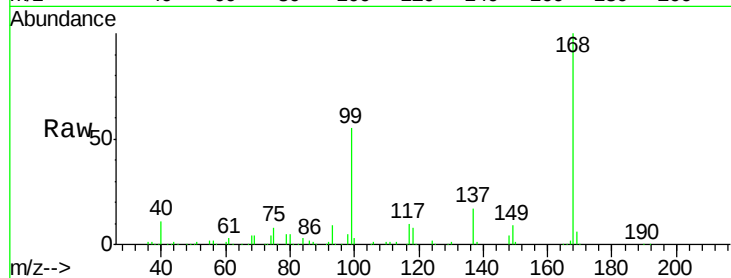
KY038PS027-190318

Tot Ion:168 Resp: 601835

Ion Ratio Lower Upper

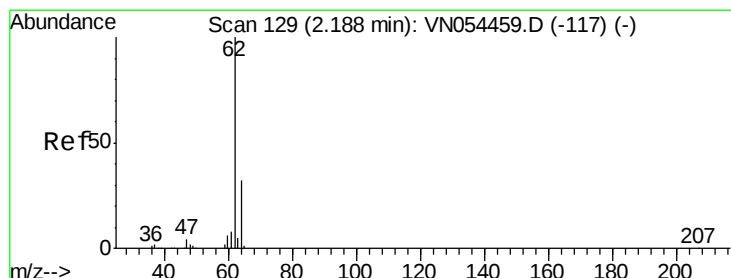
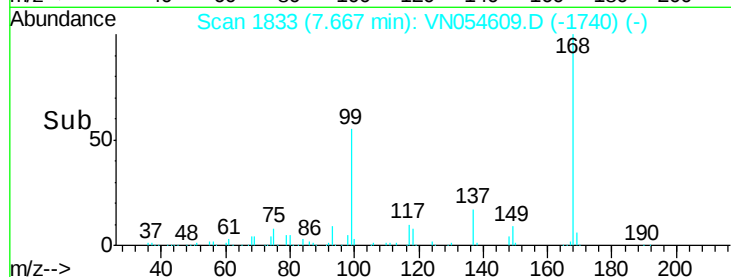
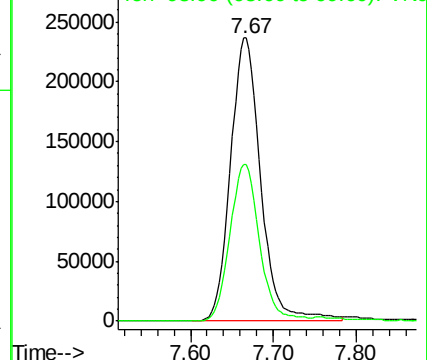
168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 0.602 ug/l

RT: 2.19 min Scan# 131

Delta R.T. 0.01 min

Lab File: VN054609.D

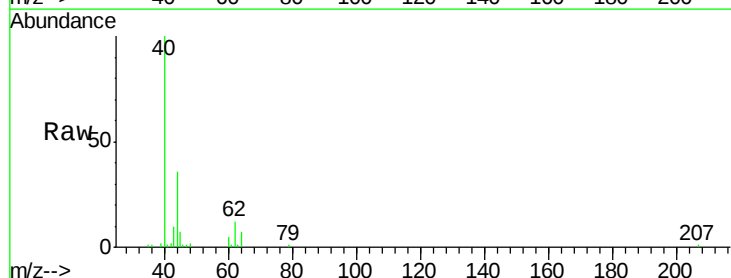
Acq: 23 Mar 2019 17:22

Tgt Ion: 62 Resp: 4732

Ion Ratio Lower Upper

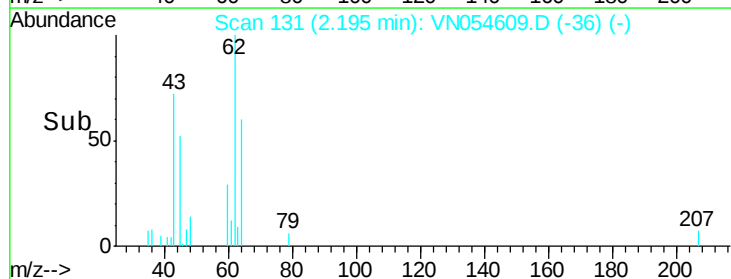
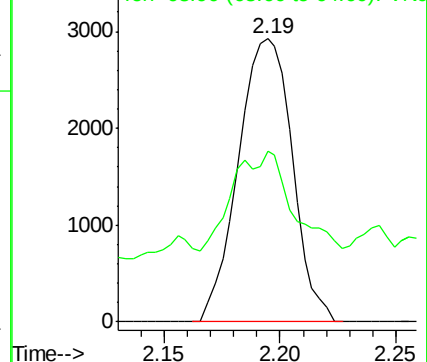
62 100

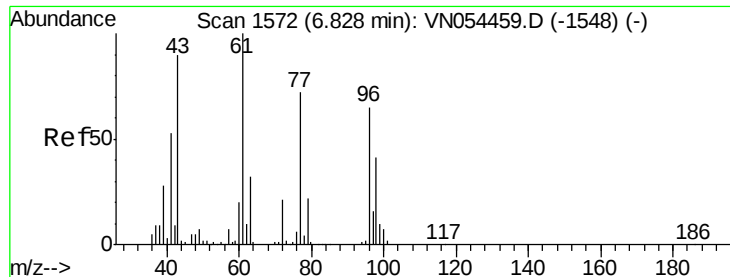
64 34.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 34.766 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-190318

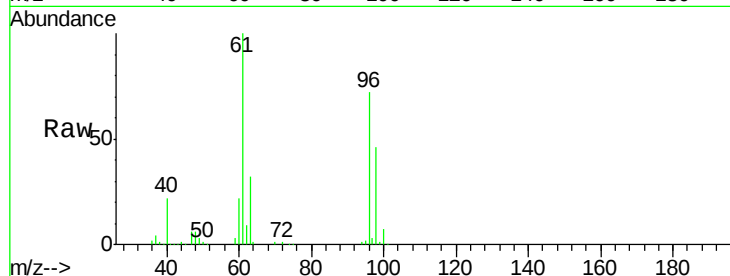
Tot Ion: 96 Resp: 245801

Ion Ratio Lower Upper

96 100

61 140.8 0.0 273.0

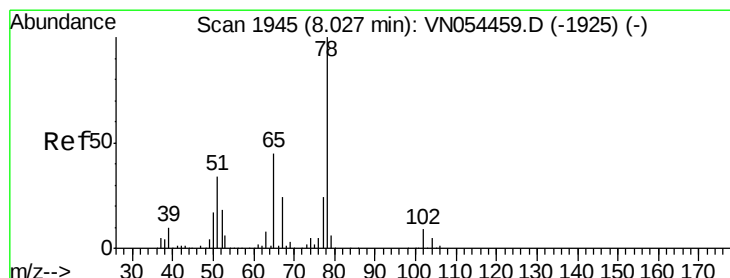
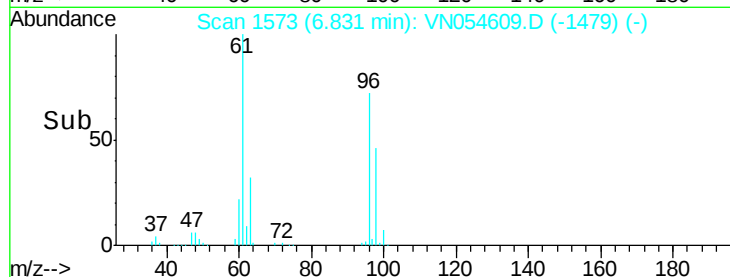
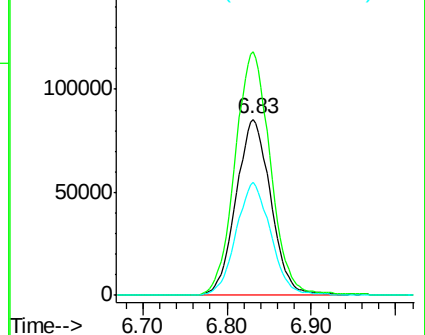
98 64.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.142 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054609.D

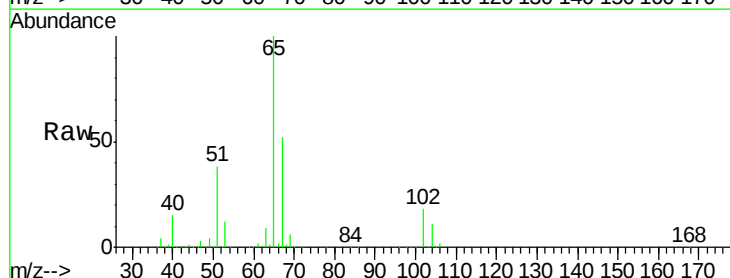
Acq: 23 Mar 2019 17:22

Tgt Ion: 65 Resp: 427754

Ion Ratio Lower Upper

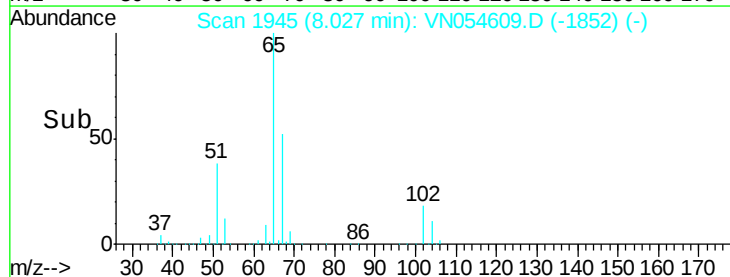
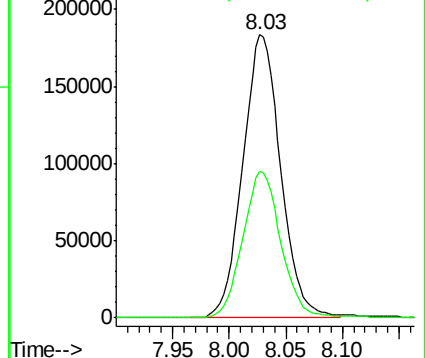
65 100

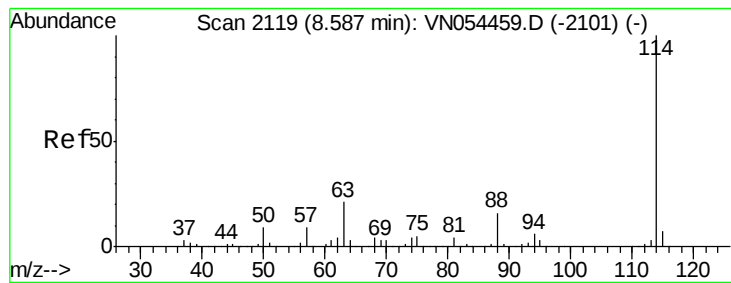
67 52.3 0.0 104.6



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: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-190318

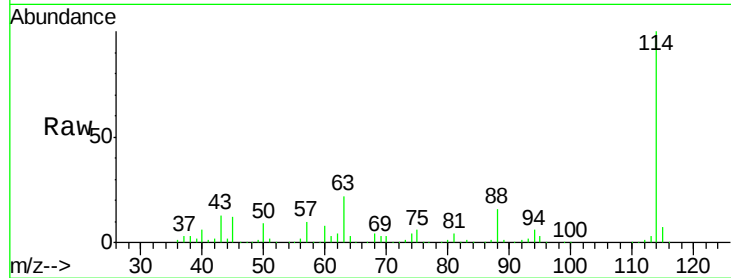
Tot Ion:114 Resp: 962448

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

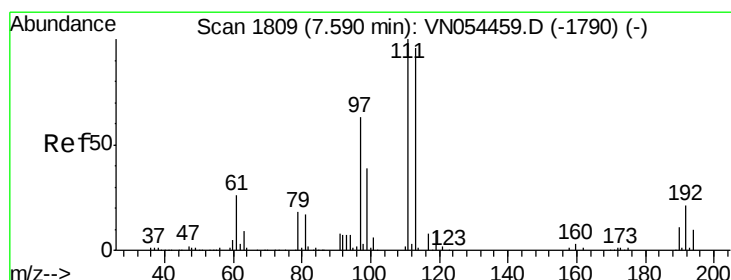
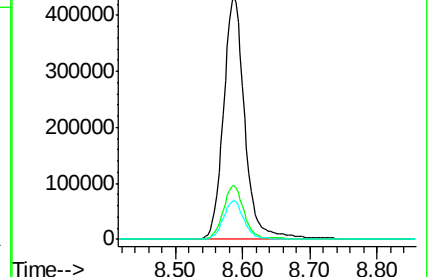
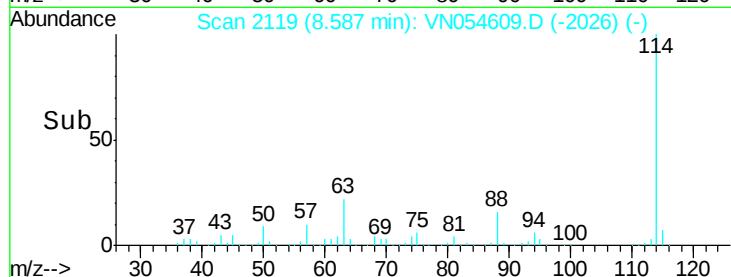
88 15.8 0.0 30.2



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: 54.492 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

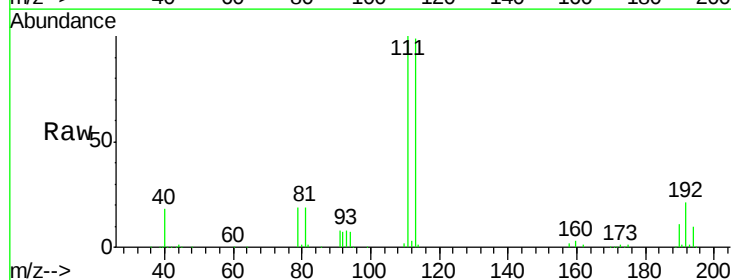
Tgt Ion:113 Resp: 337879

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

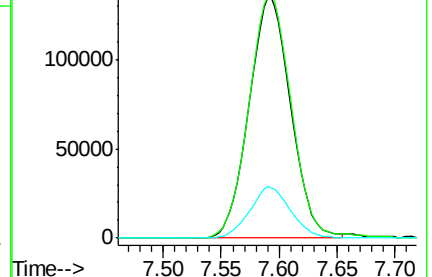
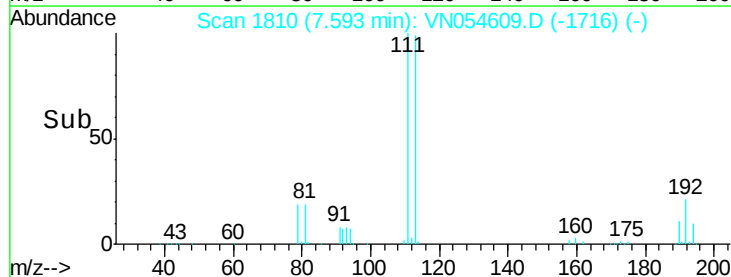
192 20.8 19.2 28.8

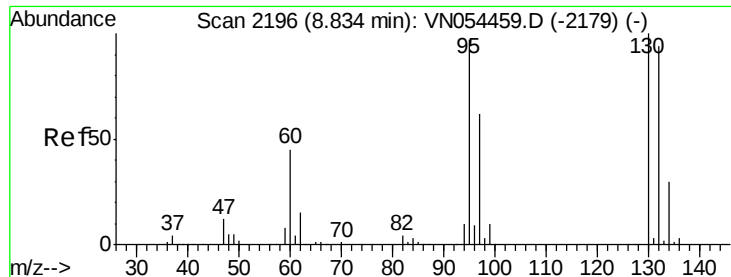


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.547 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

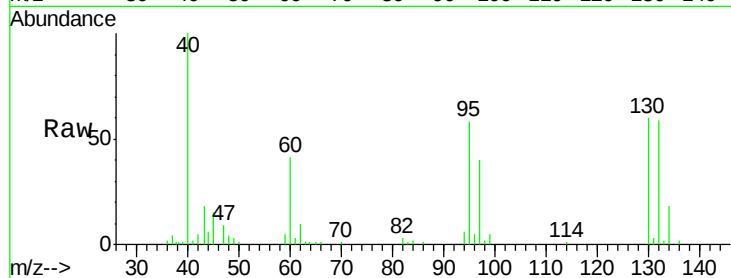
KY038PS027-190318

Tot Ion:130 Resp: 32528

Ion Ratio Lower Upper

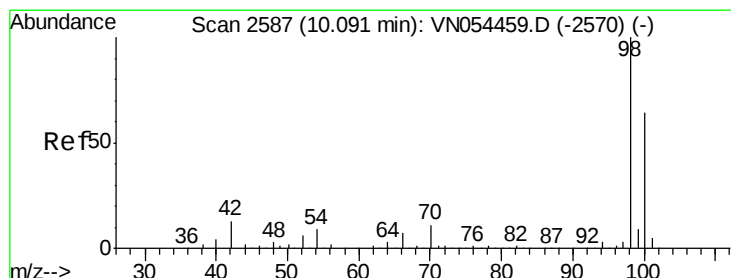
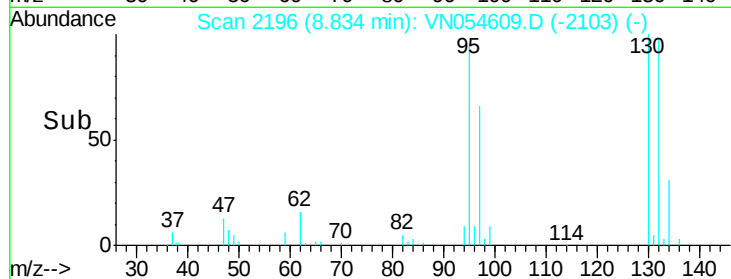
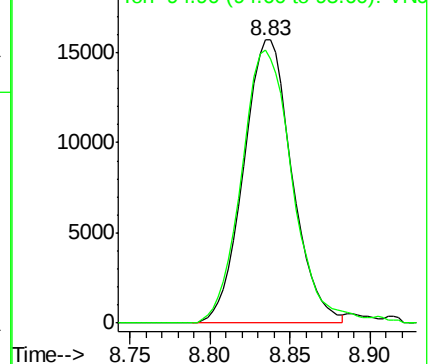
130 100

95 96.3 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 53.311 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054609.D

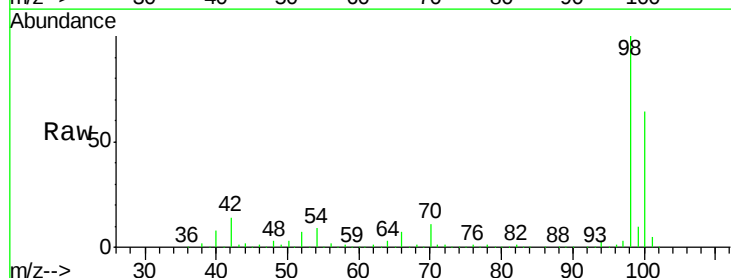
Acq: 23 Mar 2019 17:22

Tgt Ion: 98 Resp: 1242704

Ion Ratio Lower Upper

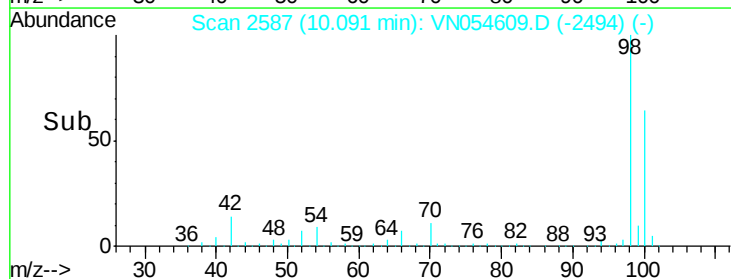
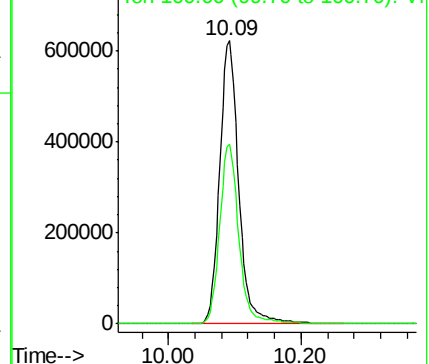
98 100

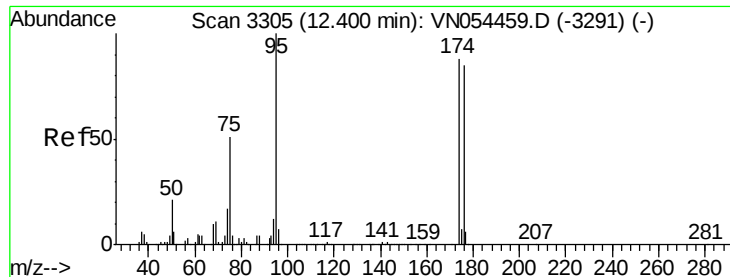
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.892 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-190318

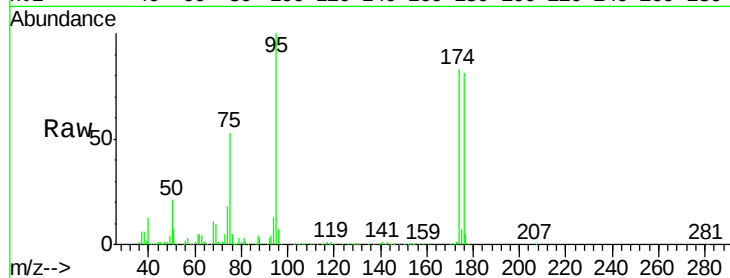
Tot Ion: 95 Resp: 364019

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

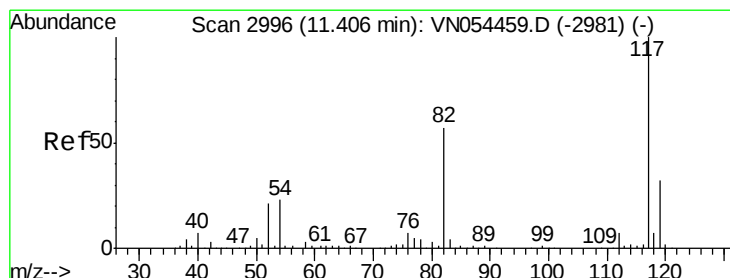
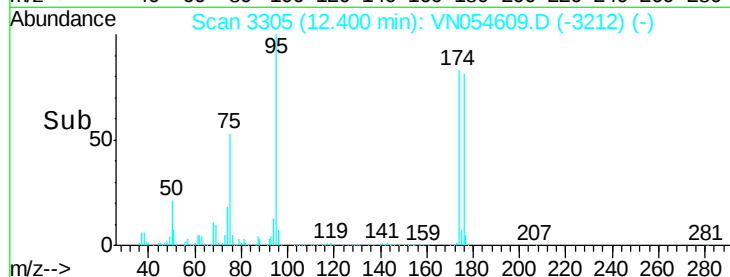
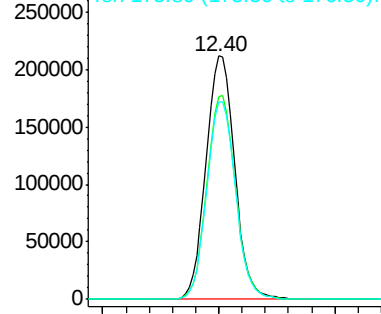
176 81.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054609.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054609.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054609.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

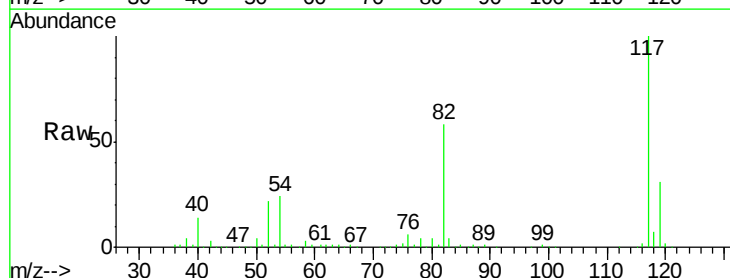
Tgt Ion: 117 Resp: 763253

Ion Ratio Lower Upper

117 100

82 57.7 40.0 60.0

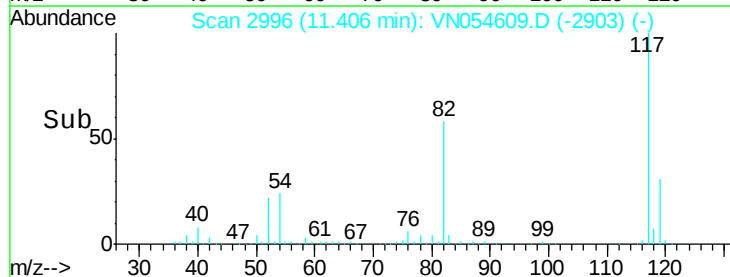
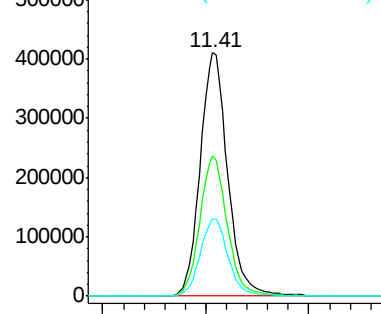
119 31.5 25.8 38.6

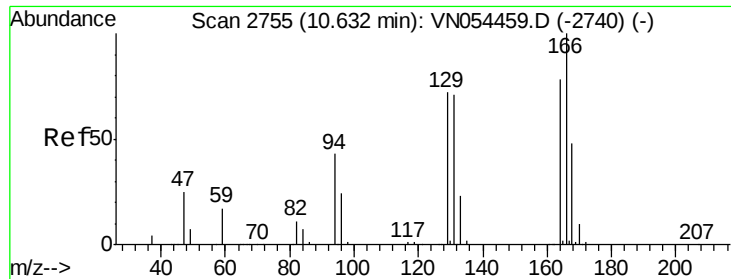


Abundance Ion 116.90 (116.60 to 117.60): VN054609.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054609.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054609.D (-2903) (-)





#64

Tetrachloroethene

Concen: 3.689 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-190318

Tot Ion:164 Resp: 23355

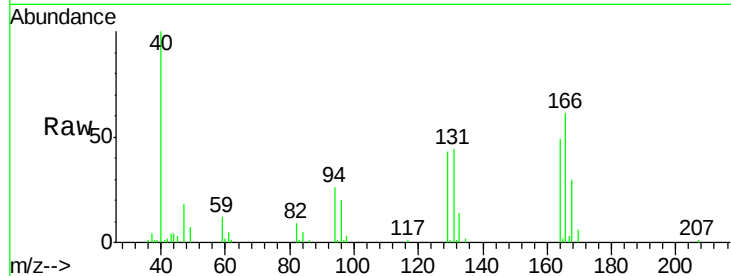
Ion Ratio Lower Upper

164 100

166 124.1 103.9 155.9

129 87.2 71.1 106.7

131 89.2 68.2 102.4



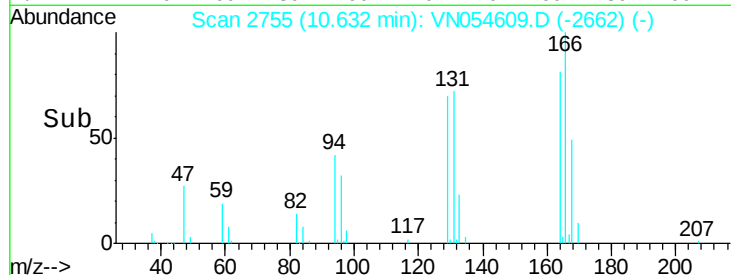
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

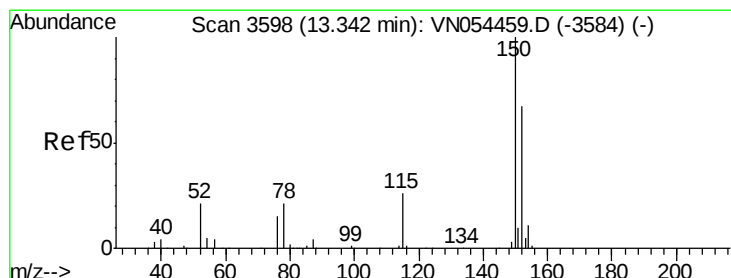
Ion 130.80 (130.50 to 131.50): V

Time-->



10.63

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054609.D

Acq: 23 Mar 2019 17:22

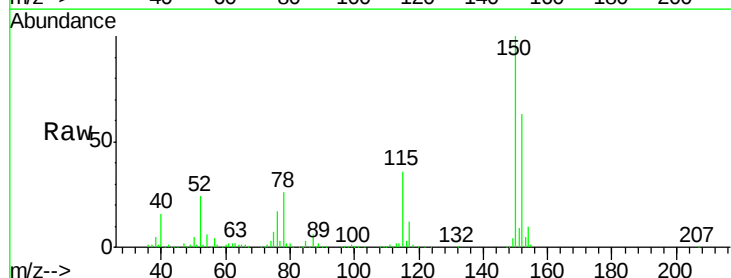
Tgt Ion:152 Resp: 264063

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

150 157.7 0.0 349.2

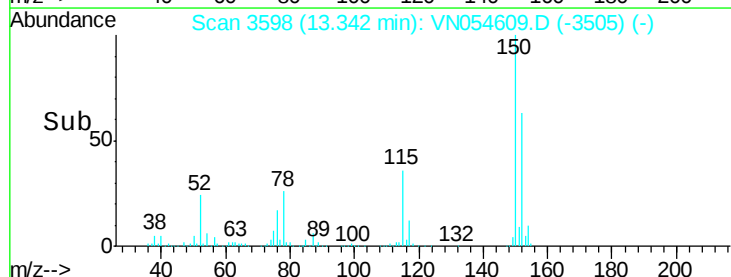


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



13.34

Time-->