

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058932.D
 Acq On : 23 Oct 2019 16:08
 Operator : JC/SP
 Sample : K5486-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-191021

Quant Time: Oct 24 02:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

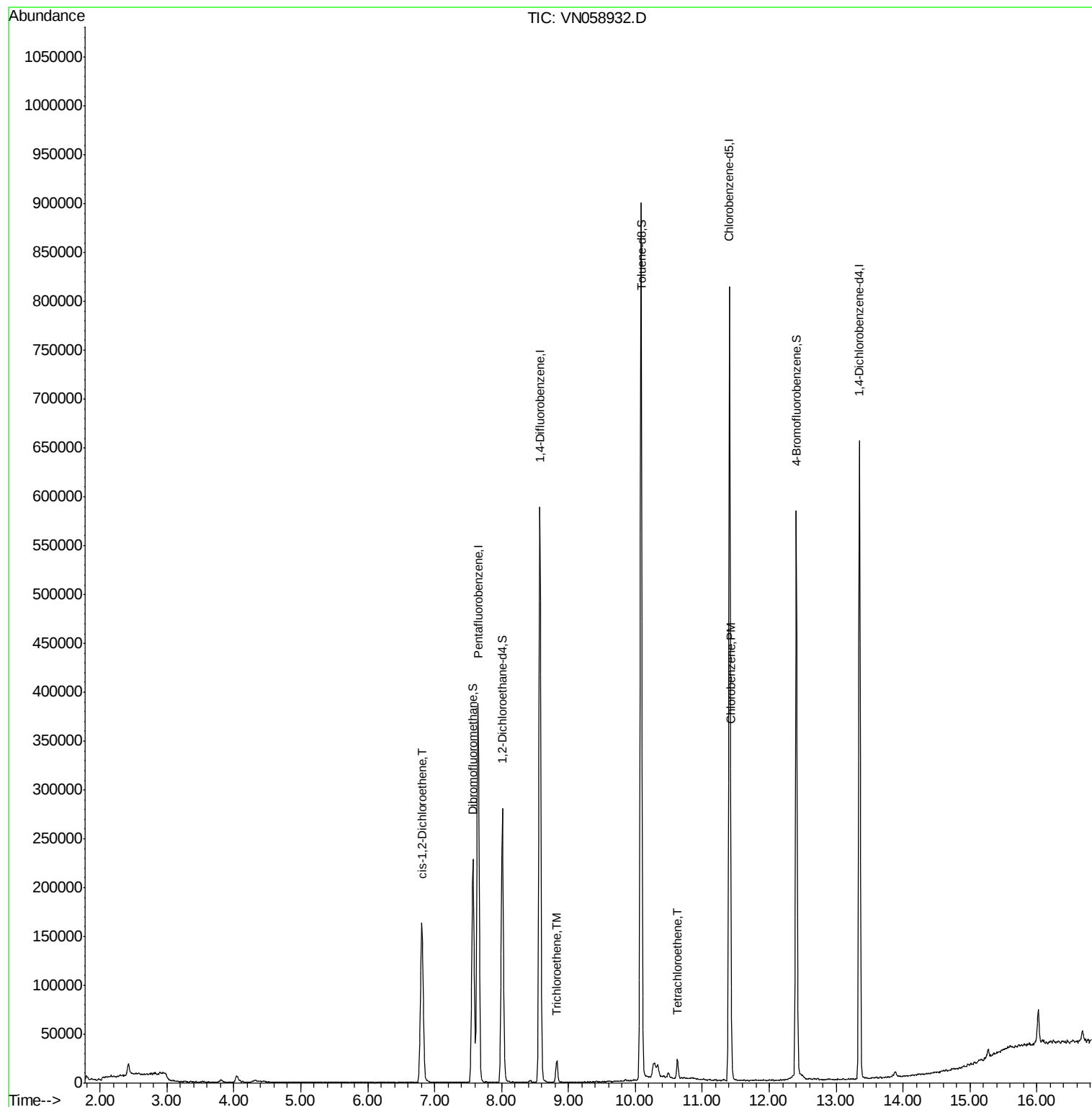
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	300189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	503716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	246259	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	7.57	113	174282	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.08	98	612029	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.40	95	196148	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.81	96	104265	27.928	ug/l	89
44) Trichloroethene	8.82	130	8179	2.217	ug/l	94
64) Tetrachloroethene	10.63	164	4302	1.377	ug/l	97
65) Chlorobenzene	11.43	112	10691	1.177	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

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ClientSampleId :

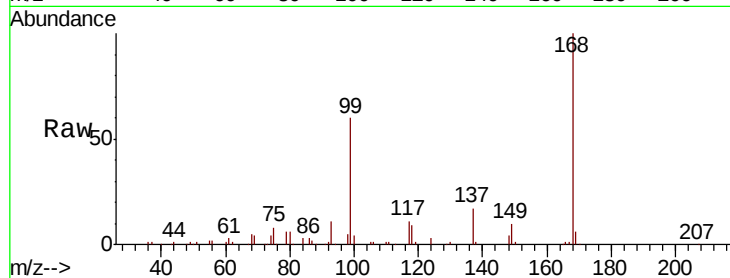
KY038PS027-191021

Tot Ion:168 Resp: 300189

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

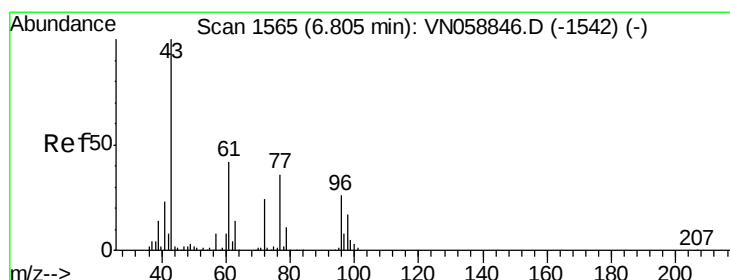
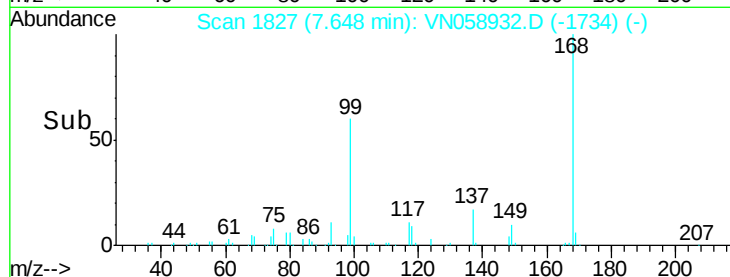
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 27.928 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

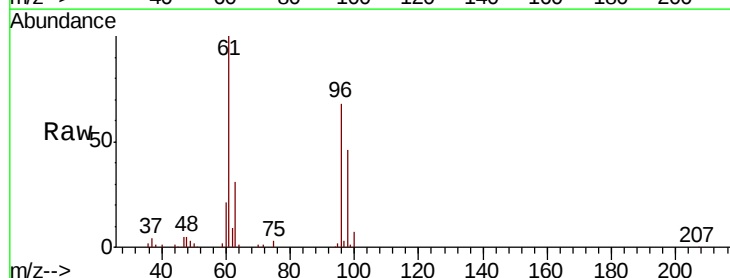
Tgt Ion: 96 Resp: 104265

Ion Ratio Lower Upper

96 100

61 142.3 0.0 325.0

98 63.7 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.81

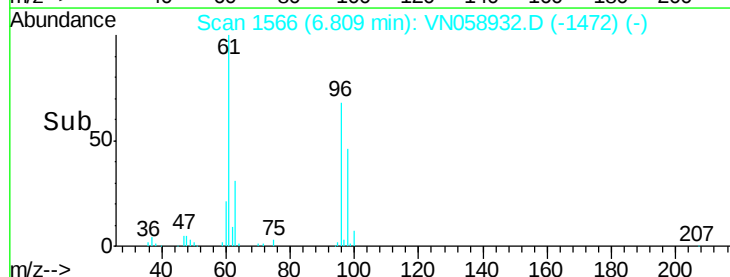
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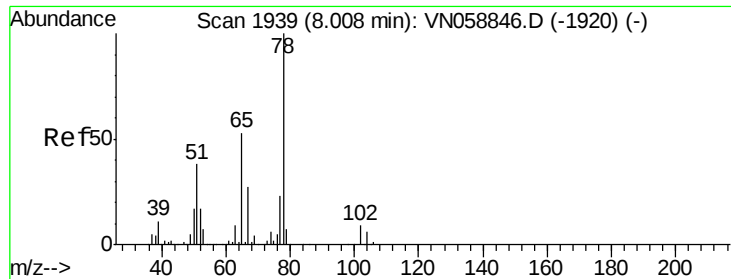
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20000

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Time-->

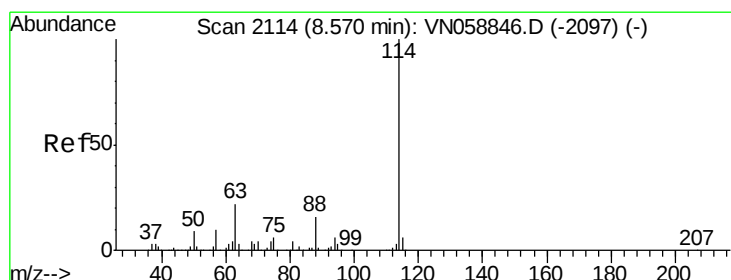
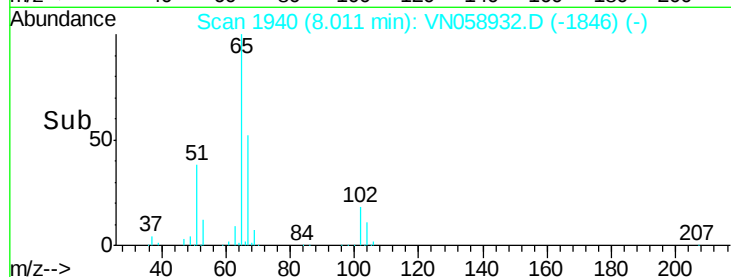
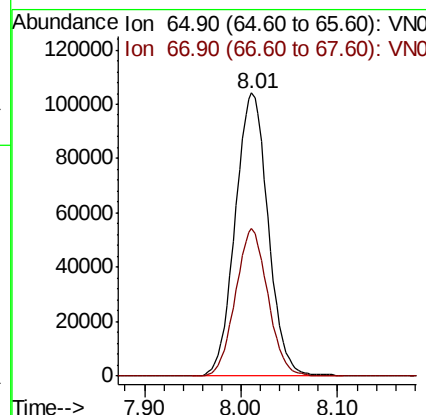
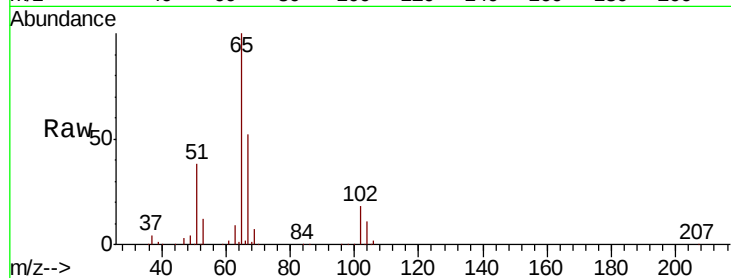




#33
 1,2-Dichloroethane-d4
 Concen: 55.933 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058932.D
 Acq: 23 Oct 2019 16:08

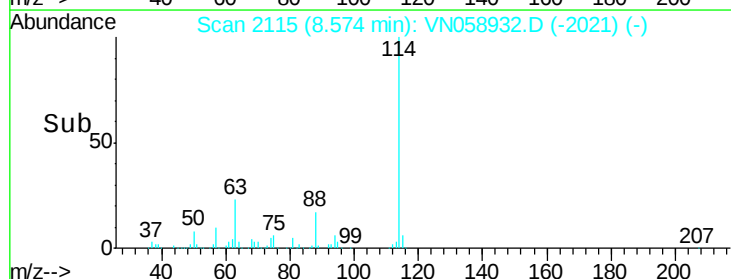
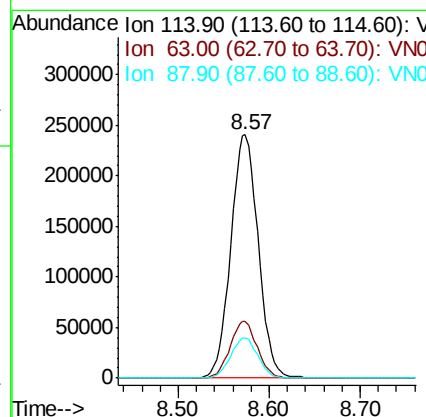
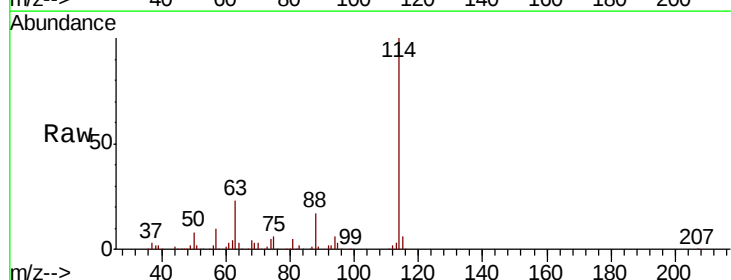
Instrument :
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 KY038PS027-191021

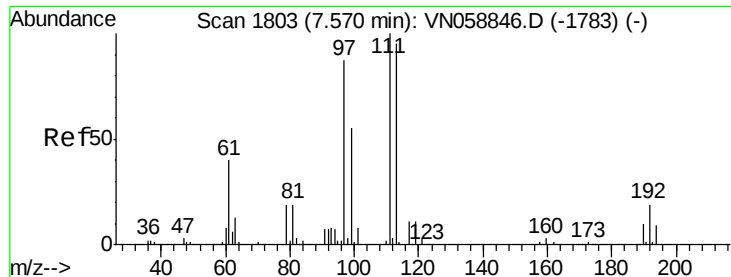
Tot Ion: 65 Resp: 246259
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058932.D
 Acq: 23 Oct 2019 16:08

Tgt Ion: 114 Resp: 503716
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 44.4
 88 16.5 0.0 31.4

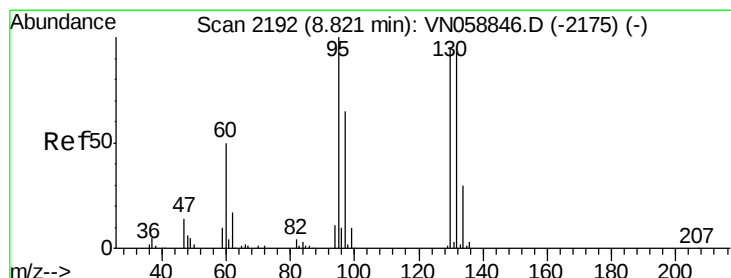
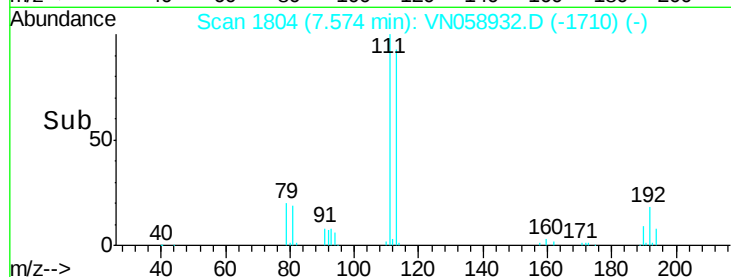
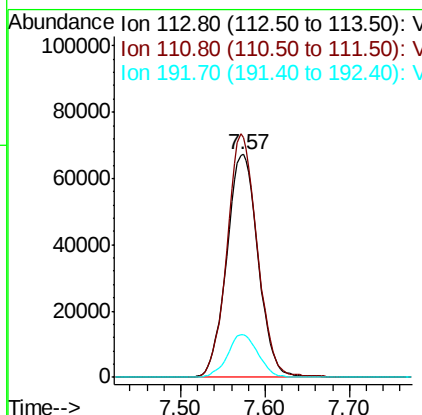
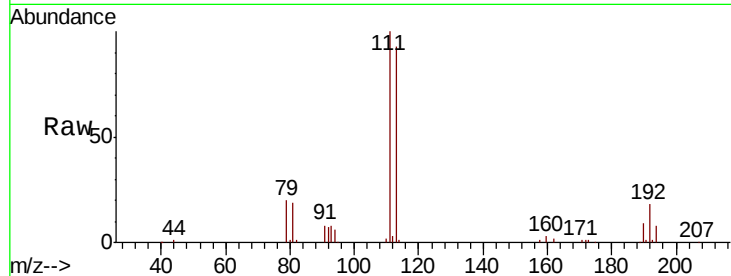




#35
 Dibromofluoromethane
 Concen: 52.625 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058932.D
 Acq: 23 Oct 2019 16:08

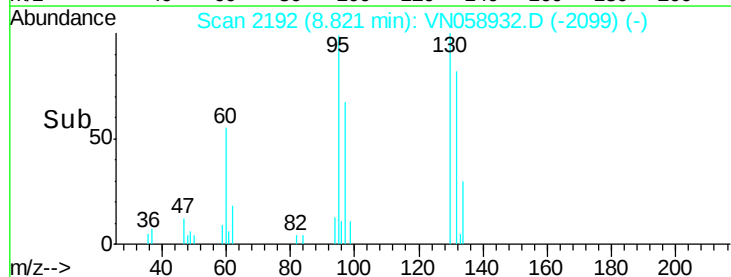
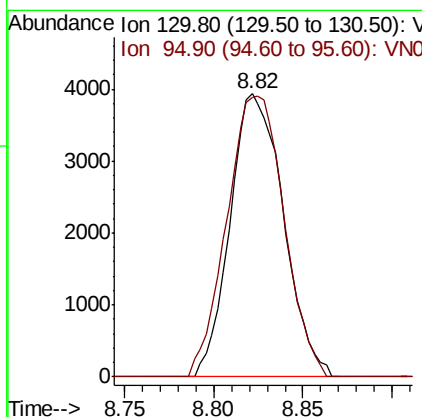
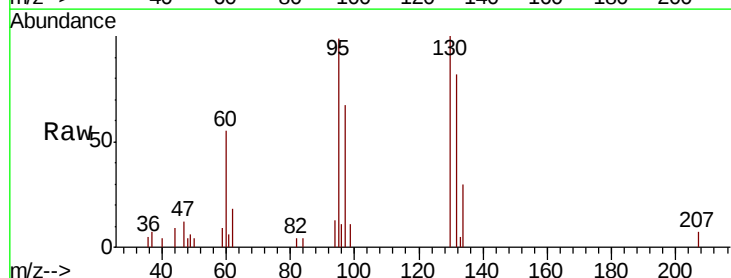
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-191021

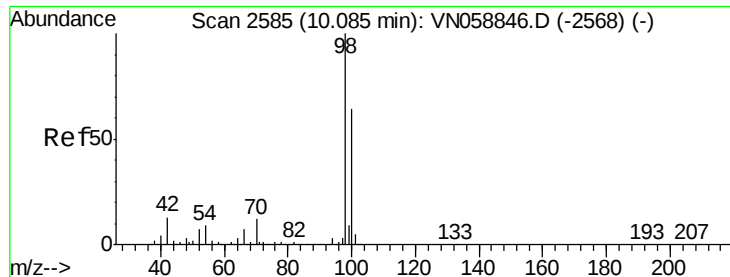
Tot Ion:113 Resp: 174282
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.0 123.0
 192 18.5 15.0 22.6



#44
 Trichloroethene
 Concen: 2.217 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VN058932.D
 Acq: 23 Oct 2019 16:08

Tgt Ion:130 Resp: 8179
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 209.6





#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

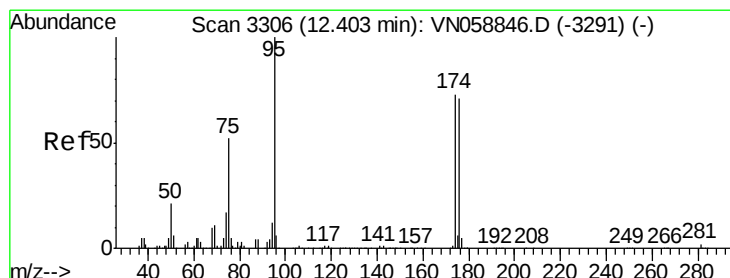
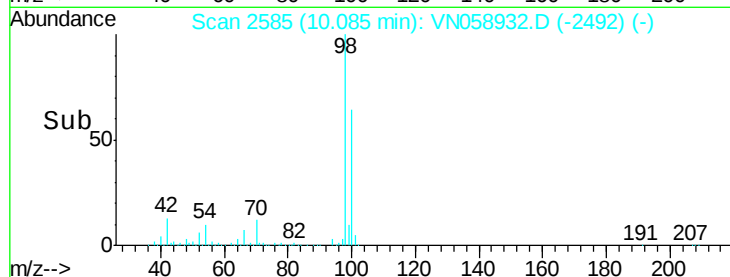
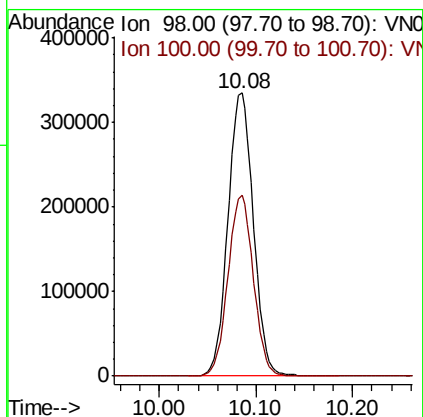
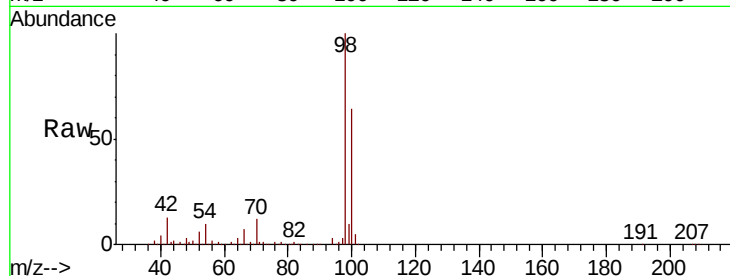
KY038PS027-191021

Tot Ion: 98 Resp: 612029

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 41.548 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

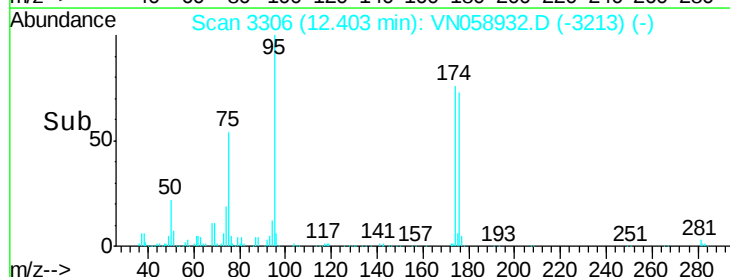
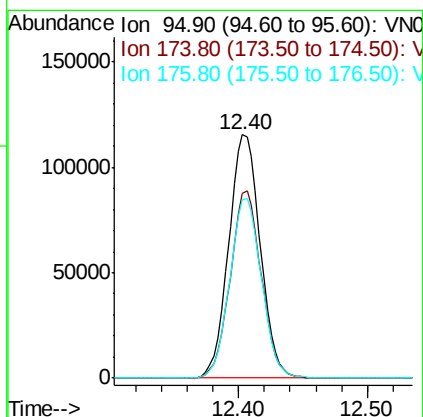
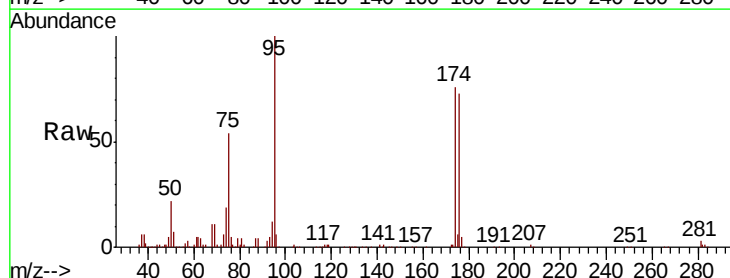
Tgt Ion: 95 Resp: 196148

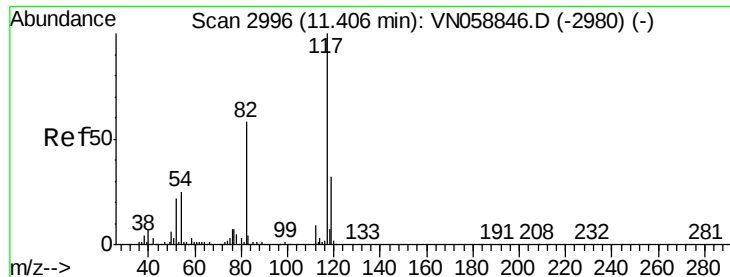
Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

176 74.4 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

Instrument :

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ClientSampleId :

KY038PS027-191021

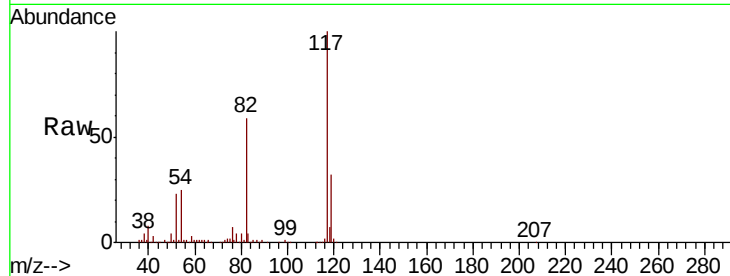
Tot Ion:117 Resp: 446174

Ion Ratio Lower Upper

117 100

82 59.2 46.6 69.8

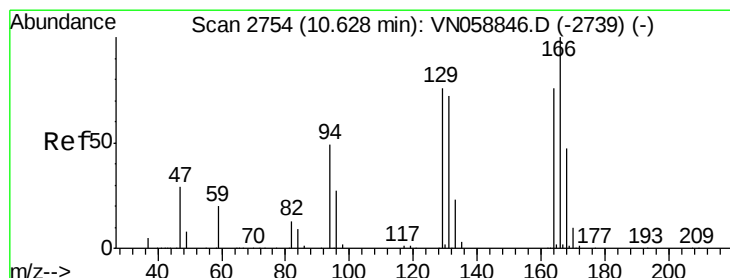
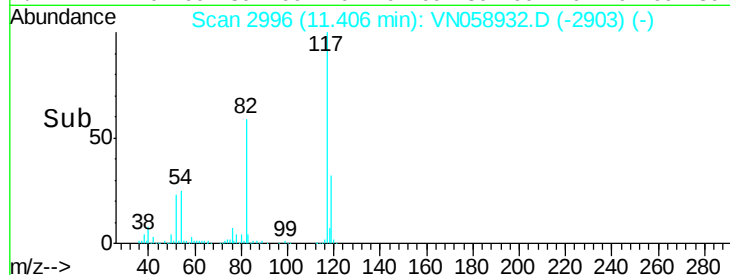
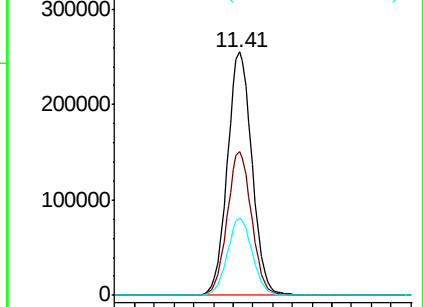
119 31.9 25.6 38.4



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



#64

Tetrachloroethene

Concen: 1.377 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

Tgt Ion:164 Resp: 4302

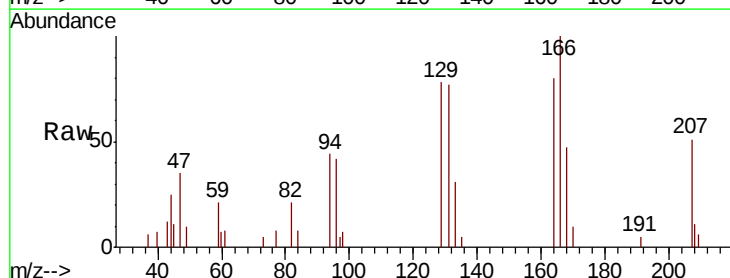
Ion Ratio Lower Upper

164 100

166 125.6 104.8 157.2

129 97.9 79.3 118.9

131 96.4 75.8 113.6

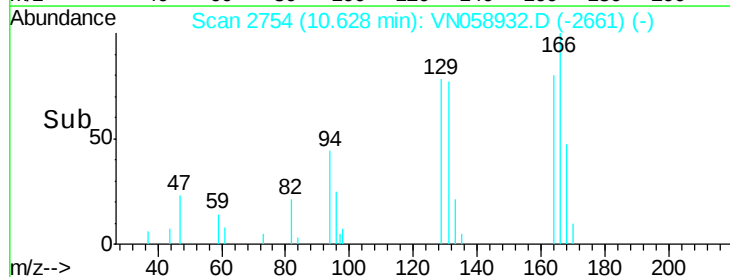
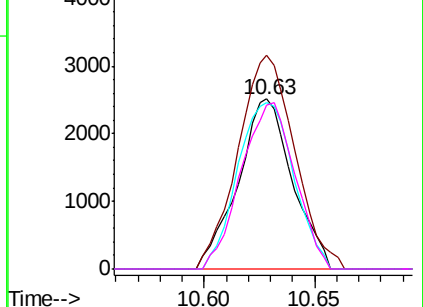


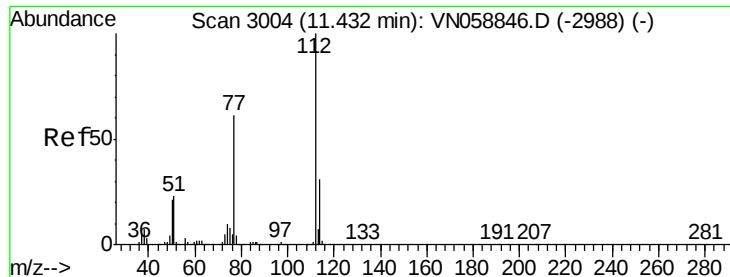
Abundance Ion 163.80 (163.50 to 164.50): V

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





#65

Chlorobenzene

Concen: 1.177 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

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ClientSampleId :

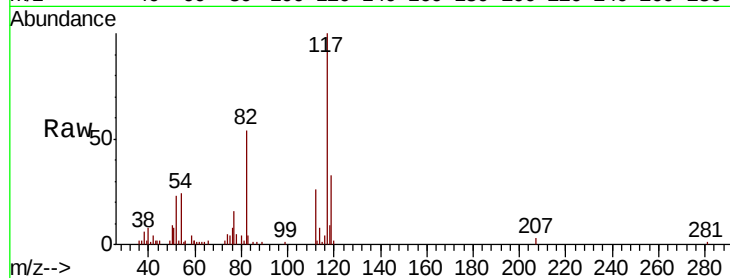
KY038PS027-191021

Tot Ion:112 Resp: 10691

Ion Ratio Lower Upper

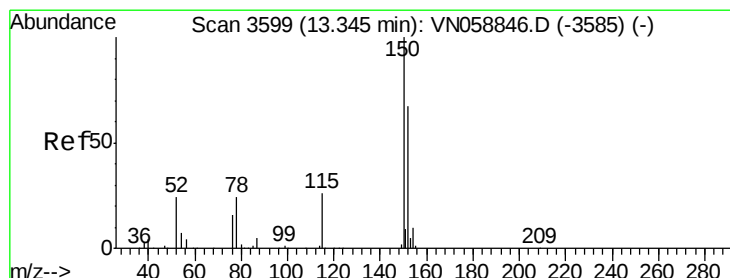
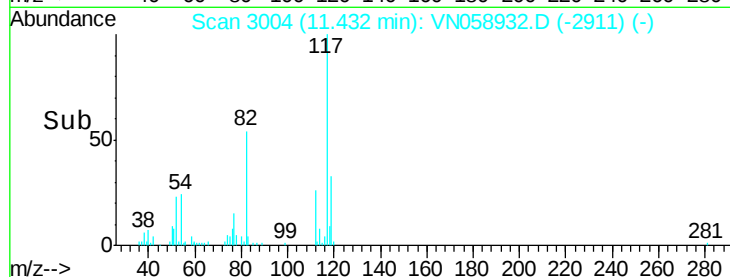
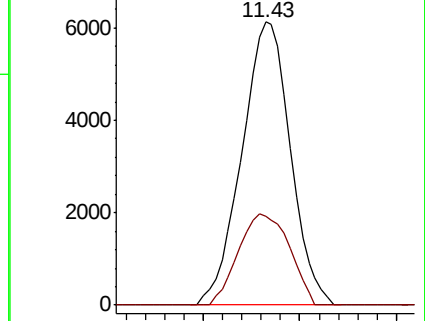
112 100

114 31.3 25.1 37.7



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058932.D

Acq: 23 Oct 2019 16:08

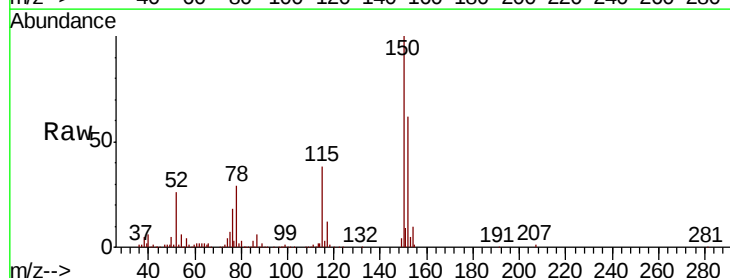
Tgt Ion:152 Resp: 166508

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 158.8 0.0 344.4



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

