

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022720\
 Data File : VX015041.D
 Acq On : 27 Feb 2020 12:36
 Operator : JC/SP
 Sample : L1683-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCHLN-20200225

Quant Time: Feb 27 16:09:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

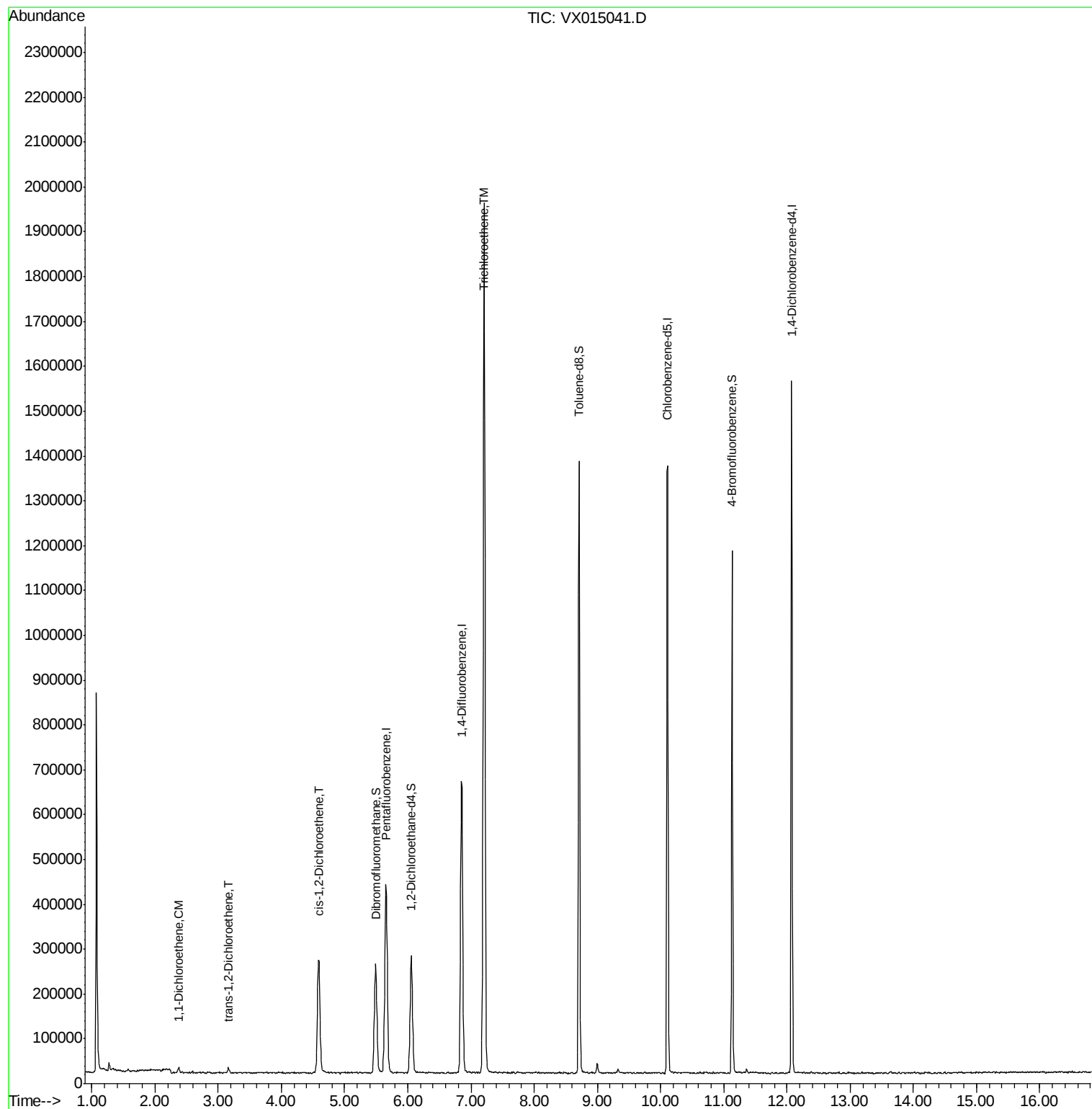
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	429611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	651458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	244212	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	5.49	113	208498	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	8.71	98	817192	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.14	95	300272	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	4861	1.234	ug/l	82
21) trans-1,2-Dichloroethene	3.16	96	5486	1.263	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	170276	35.057	ug/l	88
44) Trichloroethene	7.21	130	755177	143.146	ug/l	97

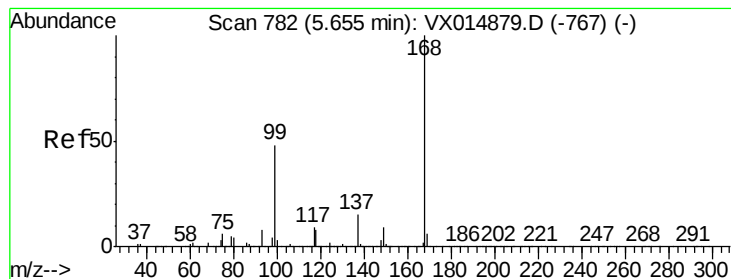
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

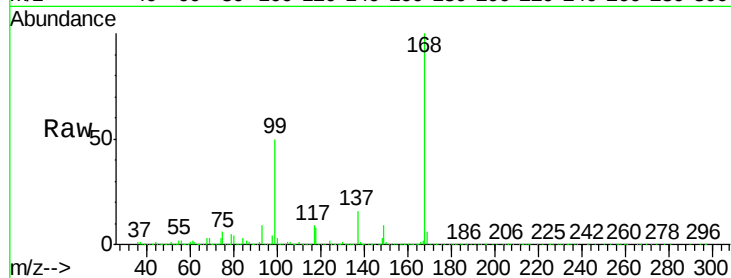
WEST-DITCHLN-20200225

Tot Ion:168 Resp: 429611

Ion Ratio Lower Upper

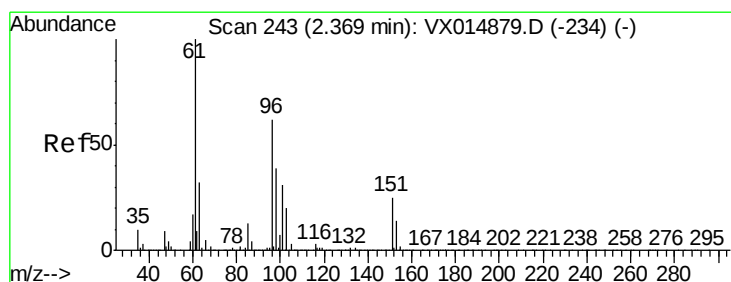
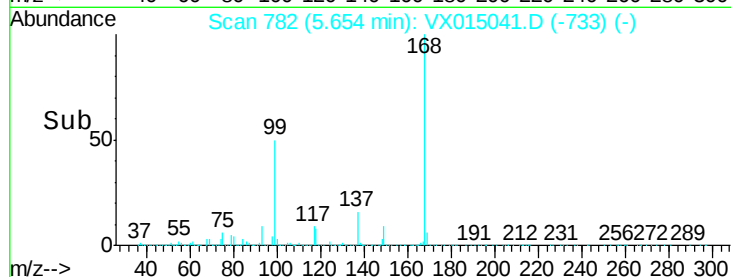
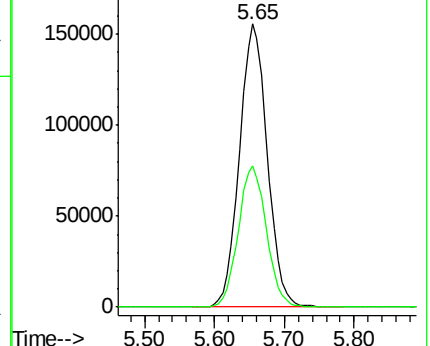
168 100

99 49.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 1.234 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

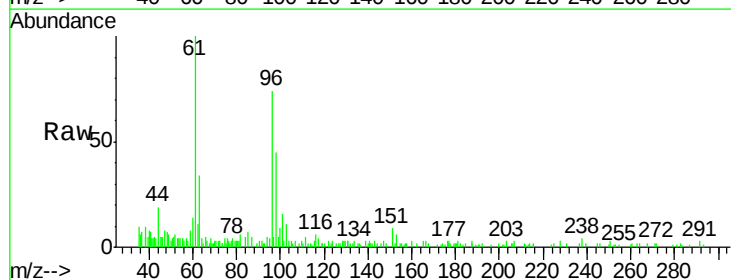
Tgt Ion: 96 Resp: 4861

Ion Ratio Lower Upper

96 100

61 131.4 129.5 194.3

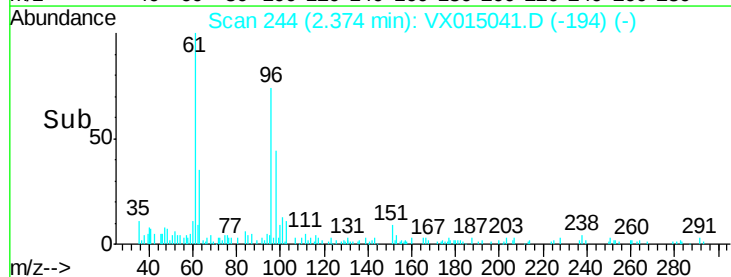
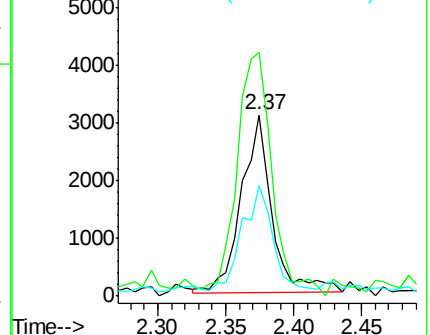
98 57.9 50.6 76.0

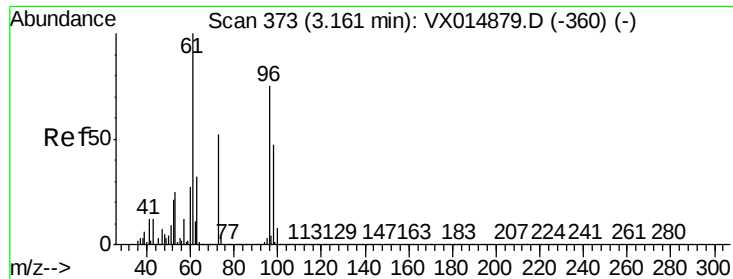


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.263 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCHLN-20200225

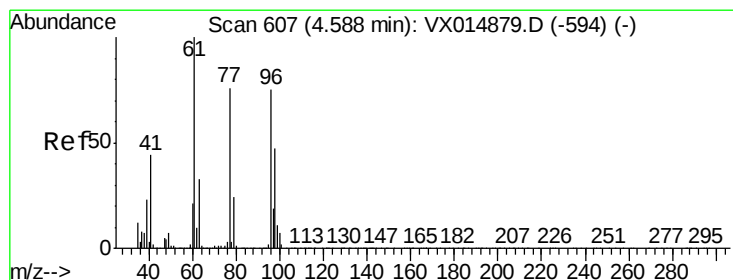
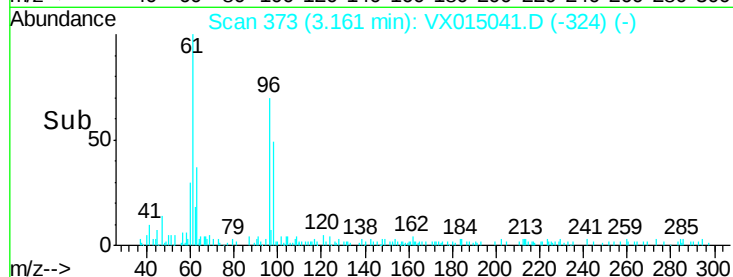
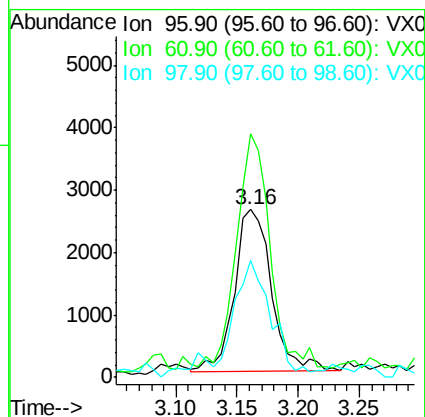
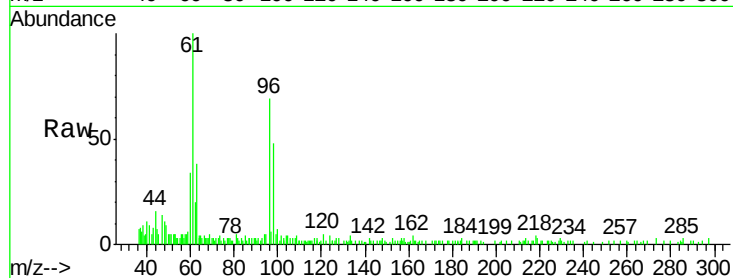
Tot Ion: 96 Resp: 5486

Ion Ratio Lower Upper

96 100

61 144.6 106.9 160.3

98 68.4 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 35.057 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

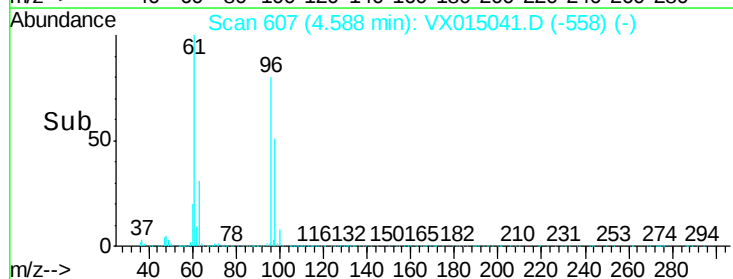
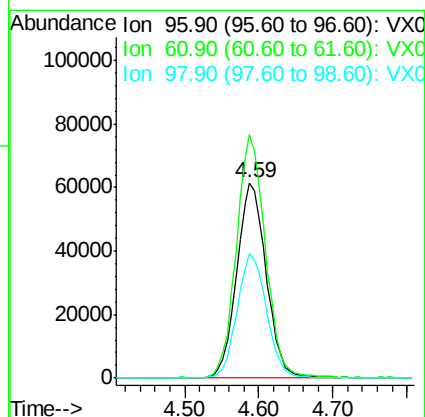
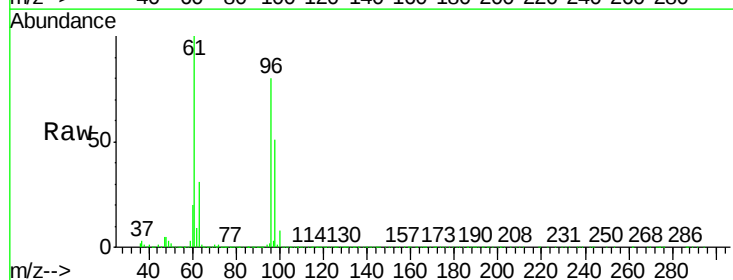
Tgt Ion: 96 Resp: 170276

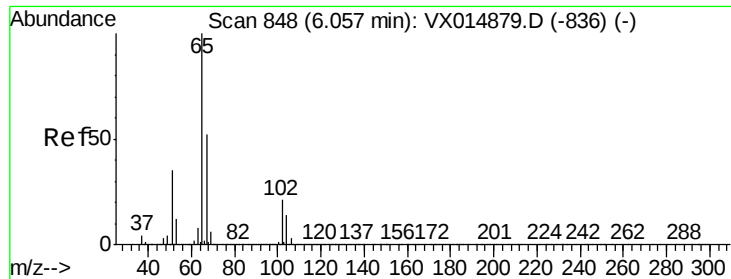
Ion Ratio Lower Upper

96 100

61 122.6 0.0 286.2

98 63.4 0.0 131.0

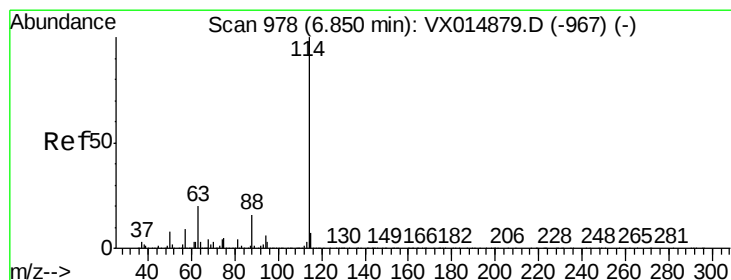
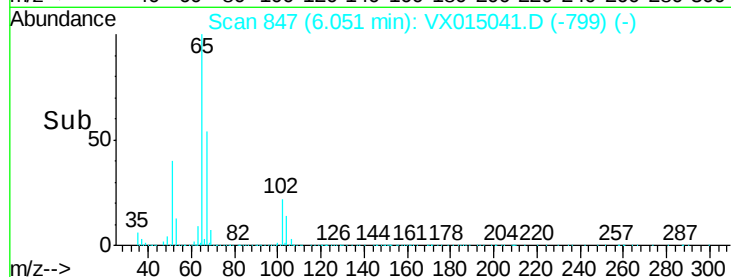
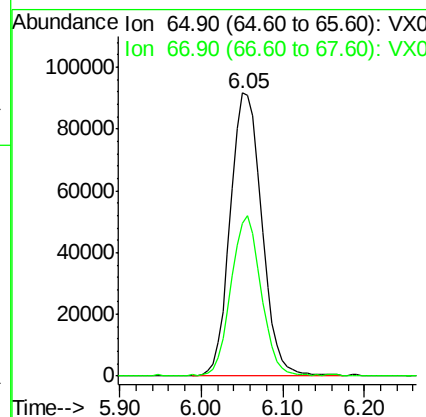
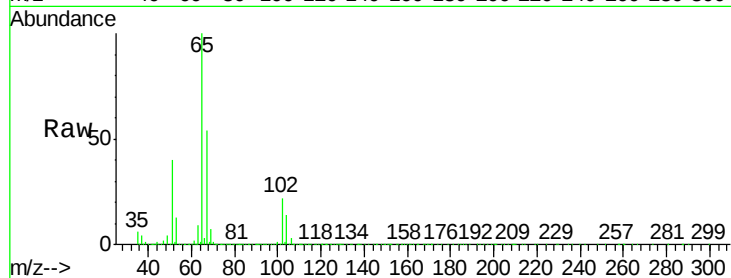




#33
 1,2-Dichloroethane-d4
 Concen: 50.369 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015041.D
 Acq: 27 Feb 2020 12:36

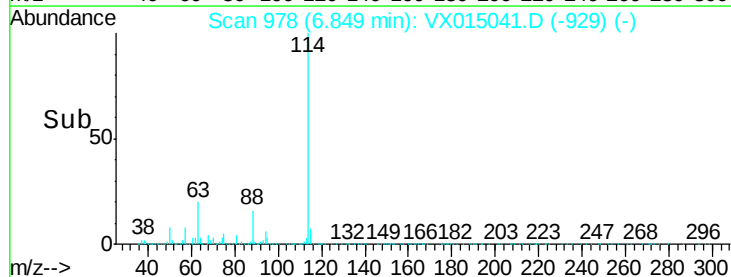
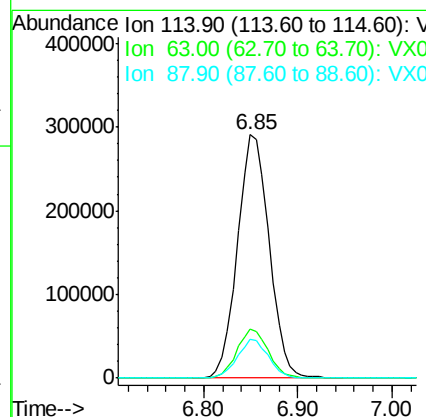
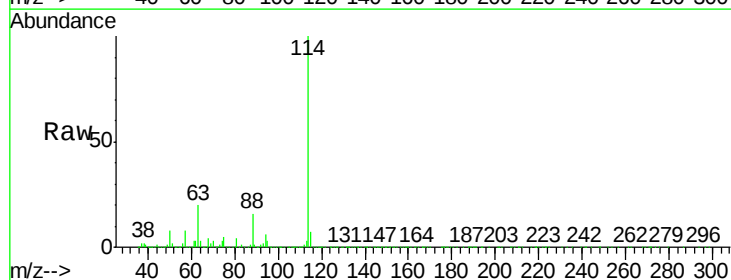
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCHLN-20200225

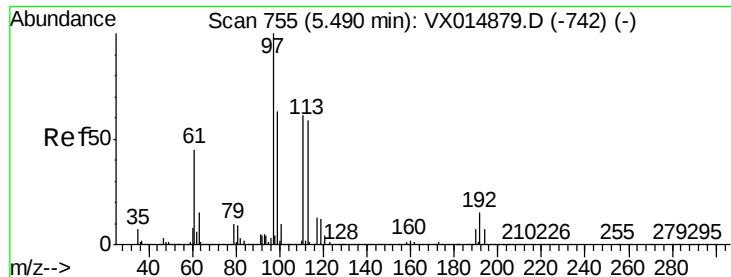
Tot Ion: 65 Resp: 244212
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015041.D
 Acq: 27 Feb 2020 12:36

Tgt Ion: 114 Resp: 679946
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.878 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCHLN-20200225

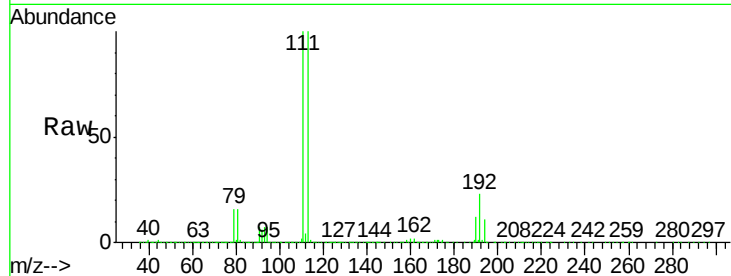
Tot Ion:113 Resp: 208498

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

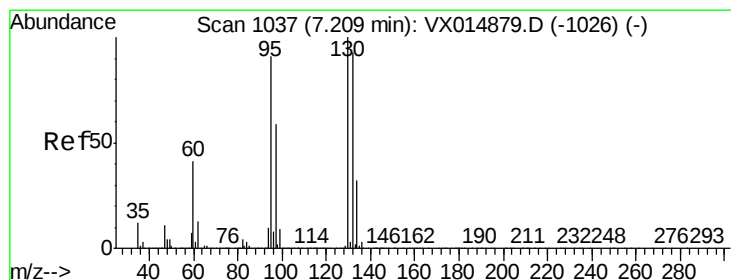
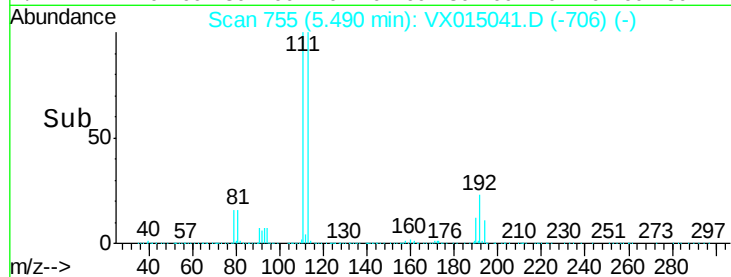
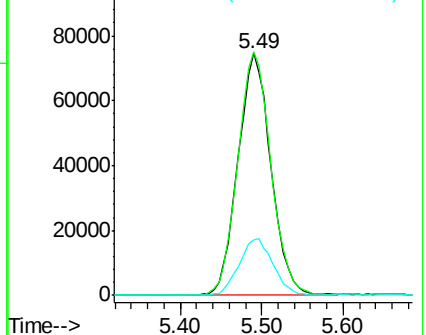
192 24.4 19.1 28.7



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: 143.146 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015041.D

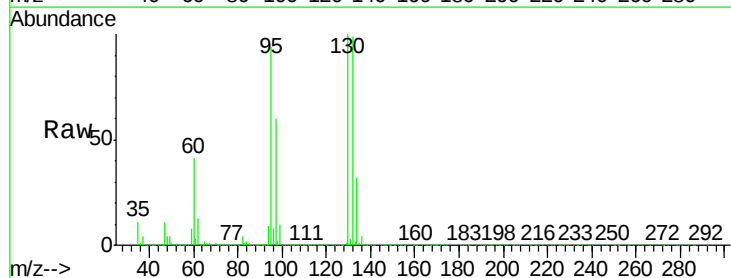
Acq: 27 Feb 2020 12:36

Tgt Ion:130 Resp: 755177

Ion Ratio Lower Upper

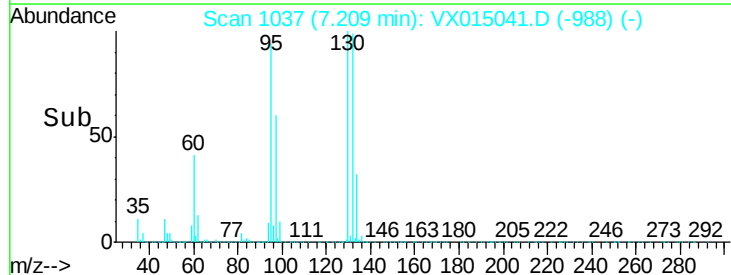
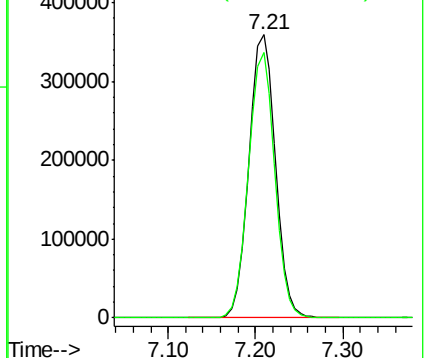
130 100

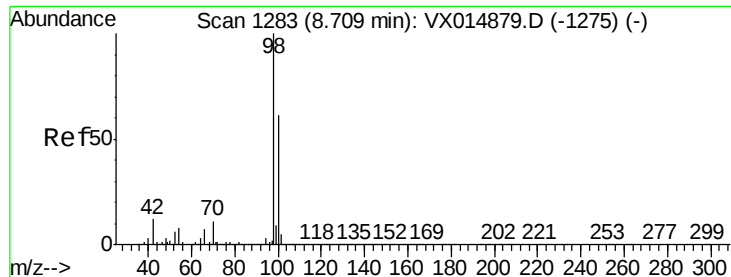
95 93.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.215 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

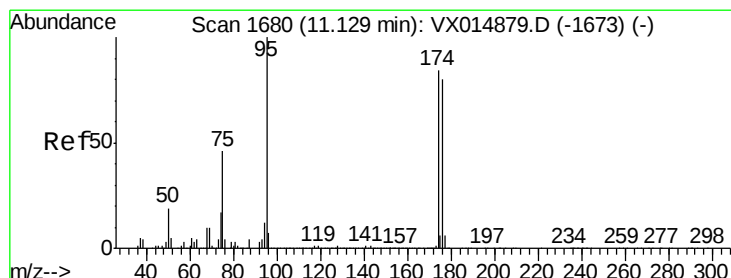
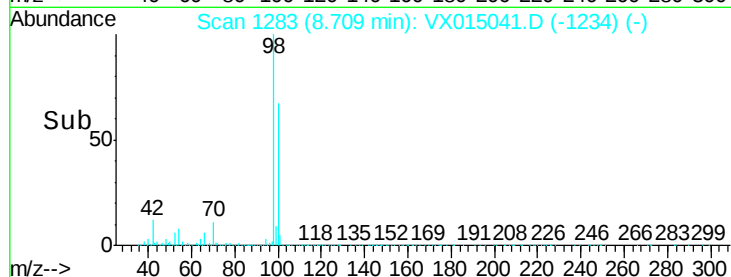
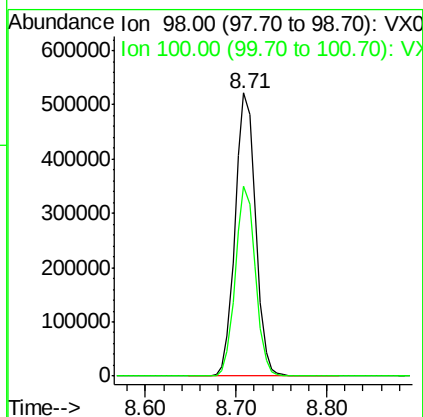
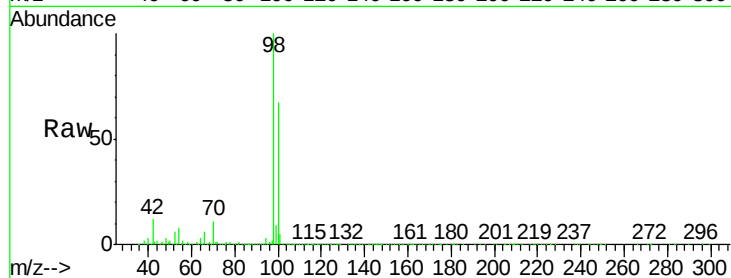
WEST-DITCHLN-20200225

Tot Ion: 98 Resp: 817192

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.241 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

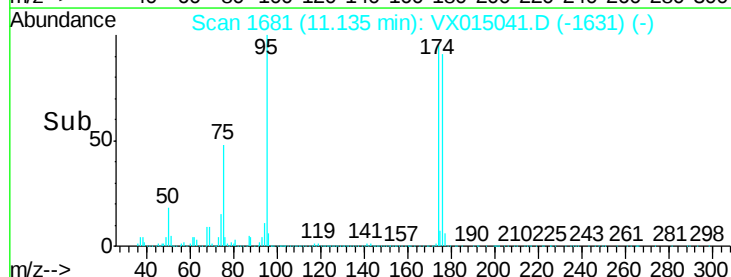
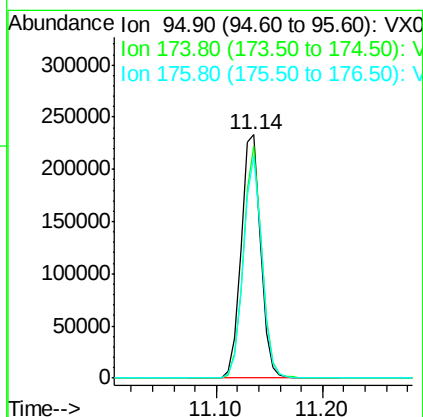
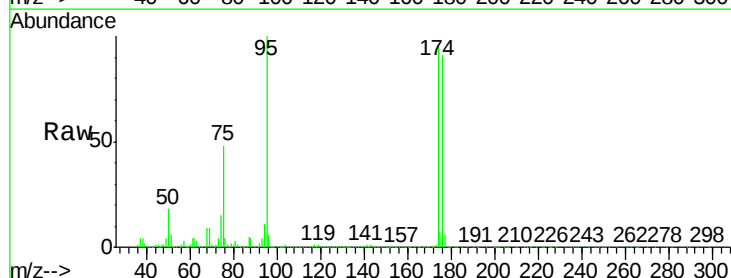
Tgt Ion: 95 Resp: 300272

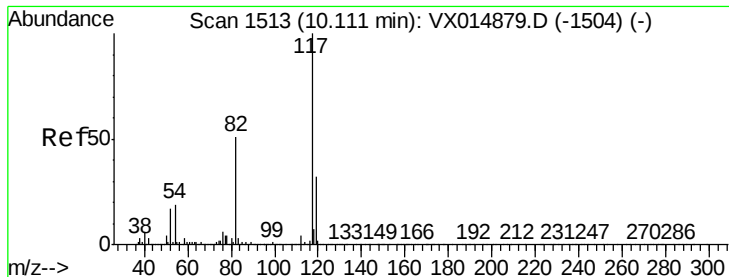
Ion Ratio Lower Upper

95 100

174 90.1 0.0 183.0

176 87.4 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

Instrument :

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WEST-DITCHLN-20200225

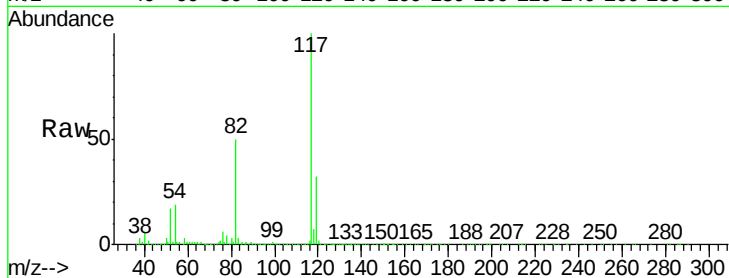
Tot Ion:117 Resp: 651458

Ion Ratio Lower Upper

117 100

82 49.9 40.5 60.7

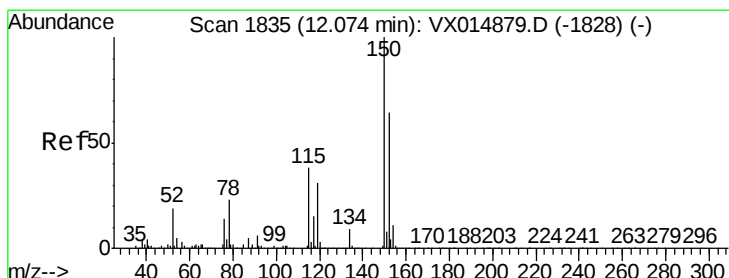
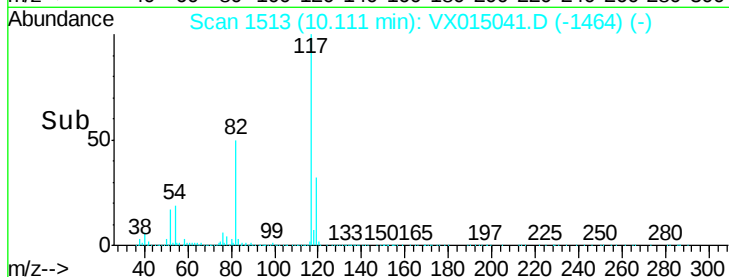
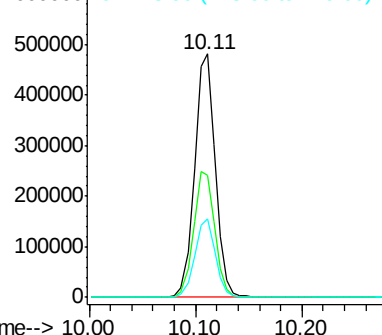
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015041.D

Acq: 27 Feb 2020 12:36

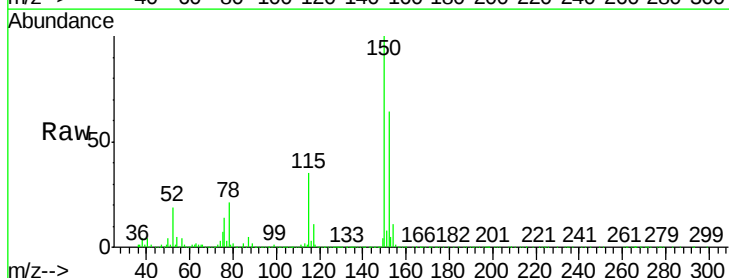
Tgt Ion:152 Resp: 328102

Ion Ratio Lower Upper

152 100

115 55.6 38.6 116.0

150 157.2 0.0 349.0



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

