

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015023.D
 Acq On : 26 Feb 2020 16:07
 Operator : JC/SP
 Sample : L1683-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCHLN-20200225

Quant Time: Feb 27 03:20:43 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

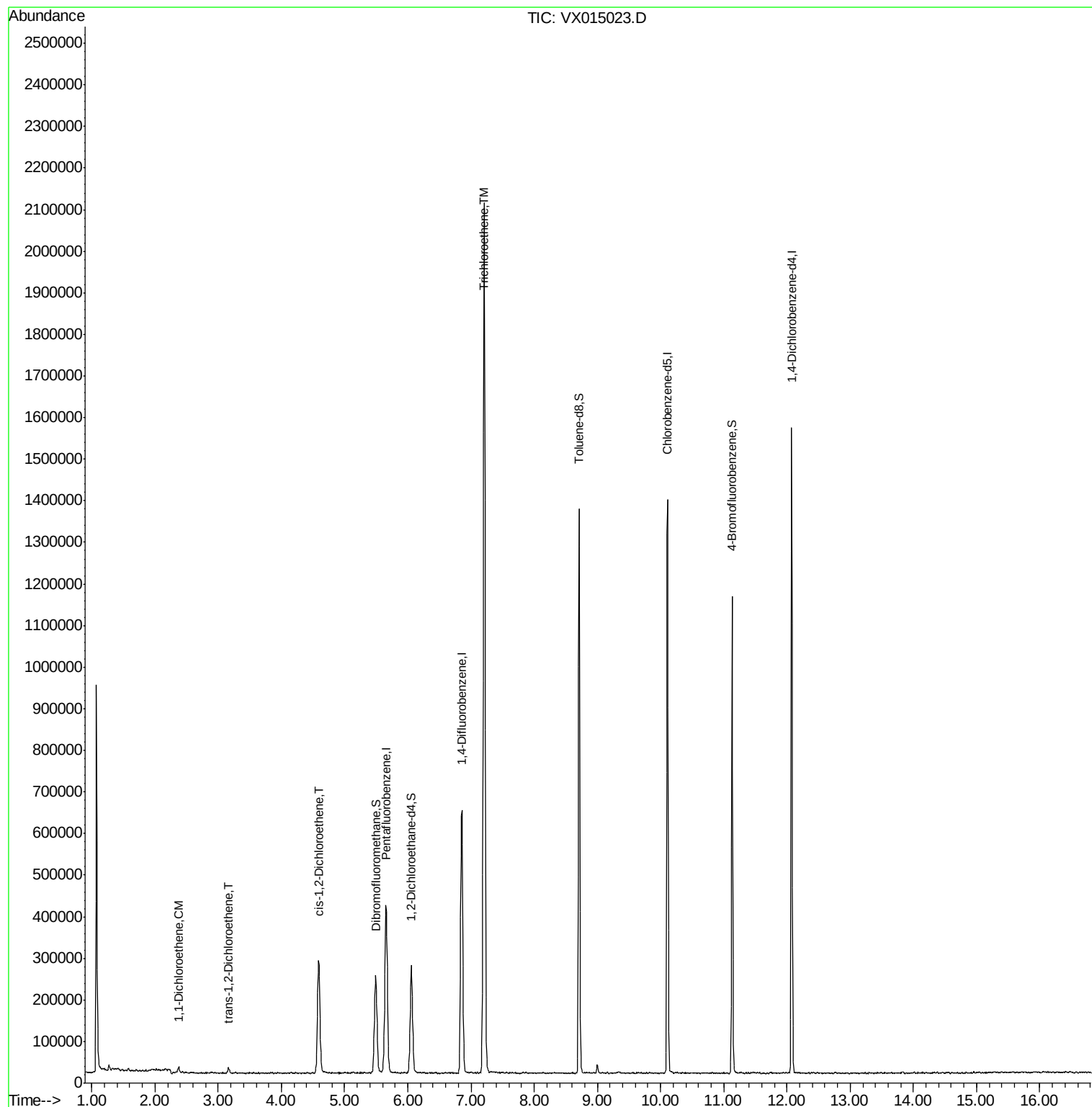
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	416676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	661407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	643700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	238866	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	5.49	113	204489	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	797358	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.13	95	293861	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	4859	1.272	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	6084	1.444	ug/l	86
27) cis-1,2-Dichloroethene	4.59	96	177581	37.696	ug/l	89
44) Trichloroethene	7.21	130	846744	165.002	ug/l	98

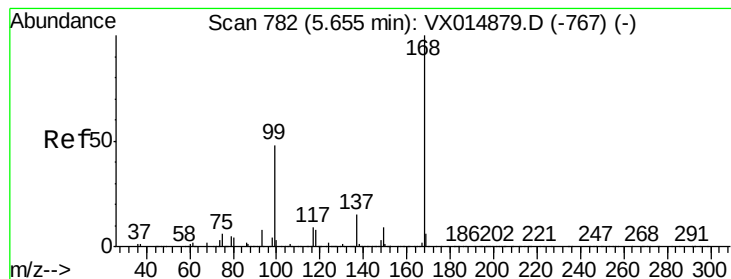
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015023.D

Acq: 26 Feb 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

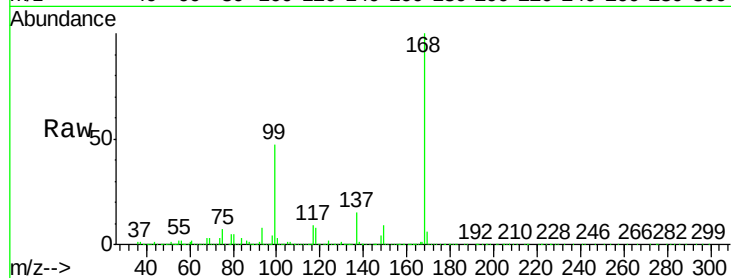
WEST-DITCHLN-20200225

Tot Ion:168 Resp: 416676

Ion Ratio Lower Upper

168 100

99 47.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

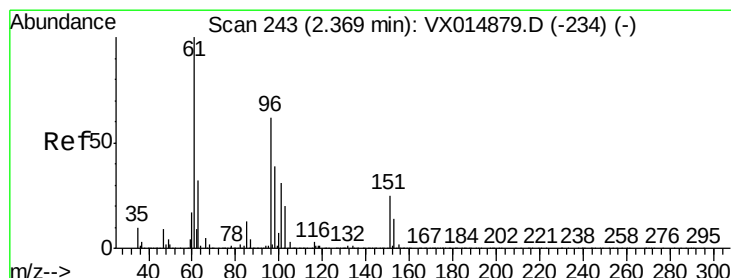
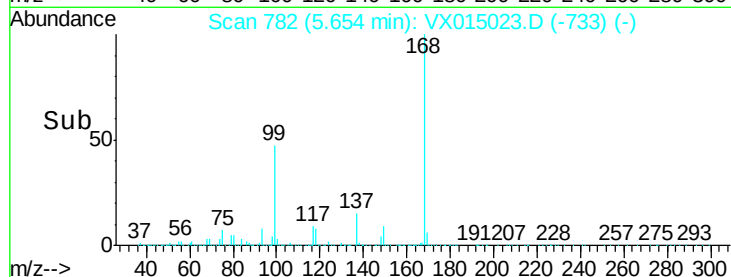
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.272 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015023.D

Acq: 26 Feb 2020 16:07

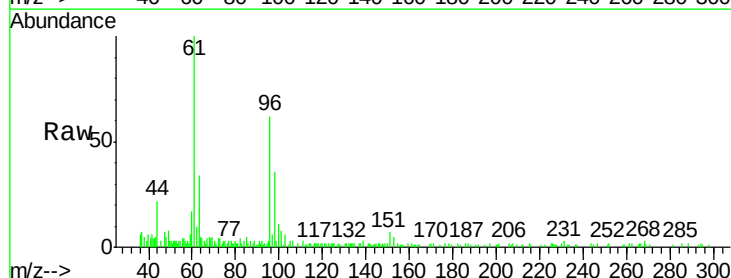
Tgt Ion: 96 Resp: 4859

Ion Ratio Lower Upper

96 100

61 160.4 129.5 194.3

98 57.1 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

2.37

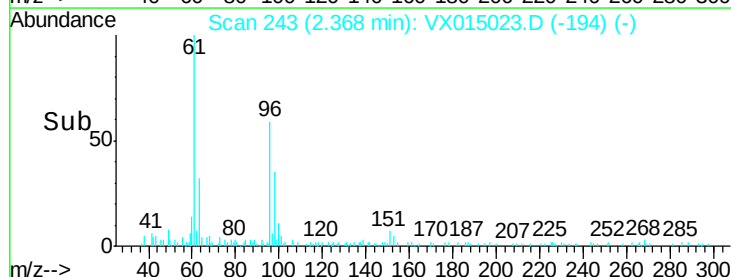
6000

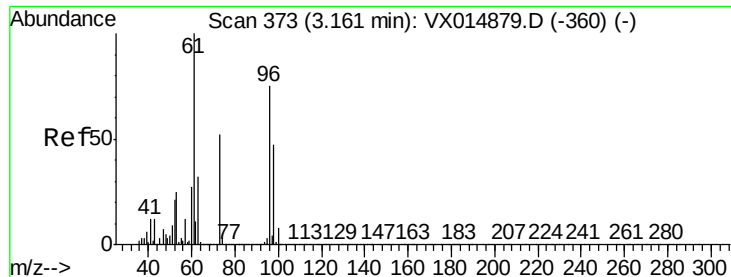
4000

2000

0

Time--> 2.30 2.35 2.40





#21

trans-1,2-Dichloroethene

Concen: 1.444 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015023.D

Acq: 26 Feb 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

WEST-DITCHLN-20200225

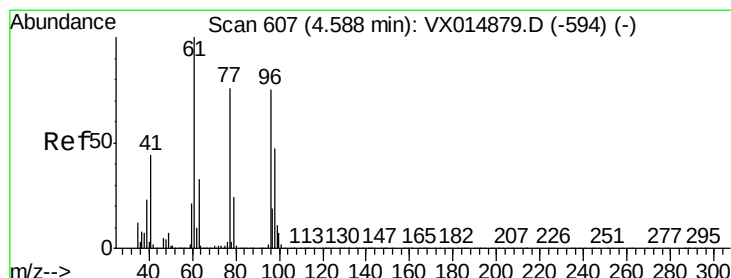
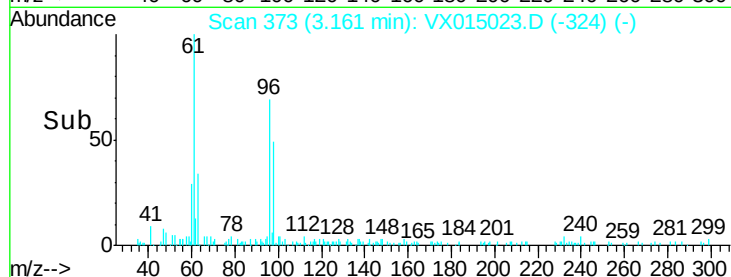
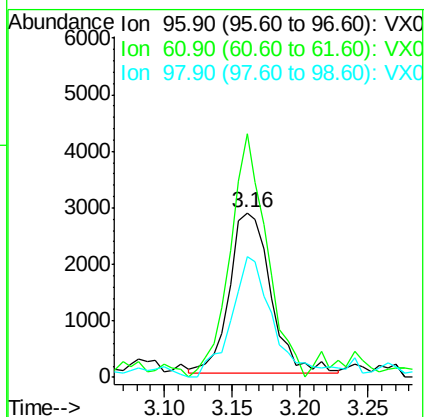
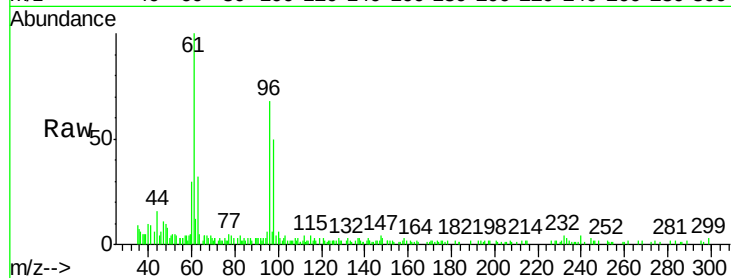
Tot Ion: 96 Resp: 6084

Ion Ratio Lower Upper

96 100

61 153.7 106.9 160.3

98 70.6 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 37.696 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015023.D

Acq: 26 Feb 2020 16:07

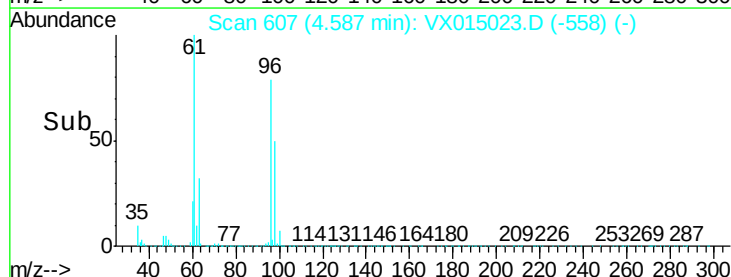
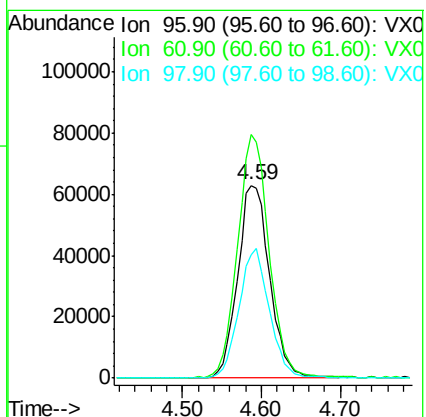
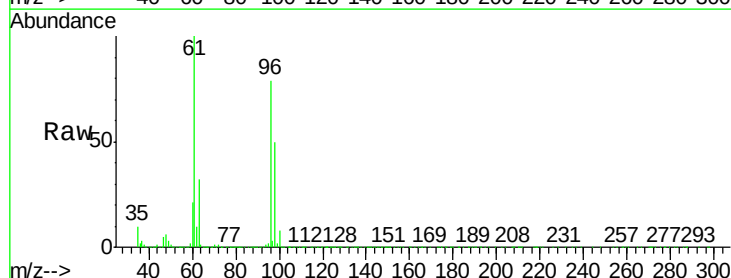
Tgt Ion: 96 Resp: 177581

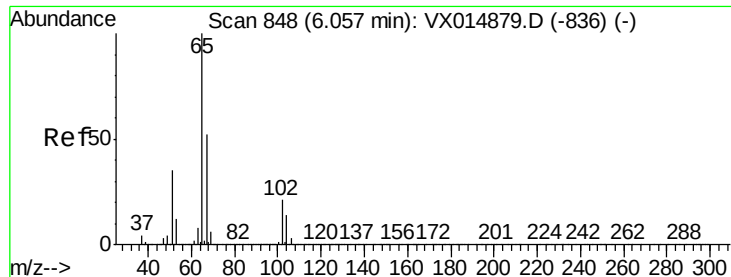
Ion Ratio Lower Upper

96 100

61 123.9 0.0 286.2

98 63.7 0.0 131.0





#33

1,2-Dichloroethane-d4

Concen: 50.795 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015023.D

Acq: 26 Feb 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

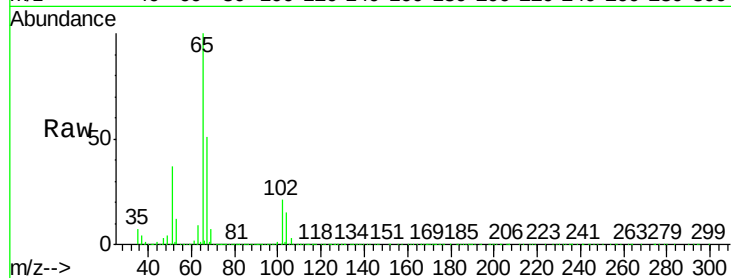
WEST-DITCHLN-20200225

Tot Ion: 65 Resp: 238866

Ion Ratio Lower Upper

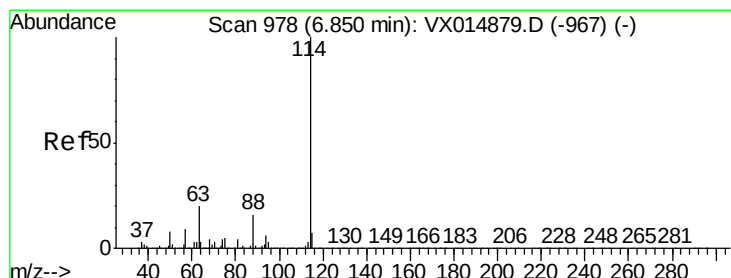
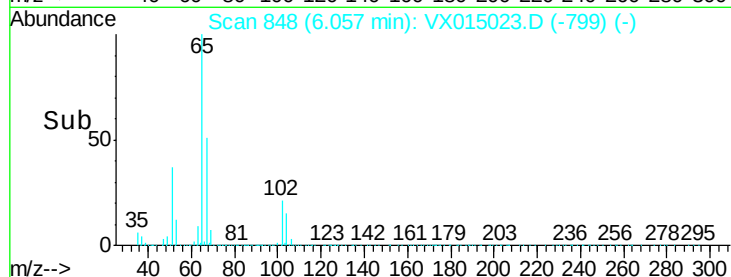
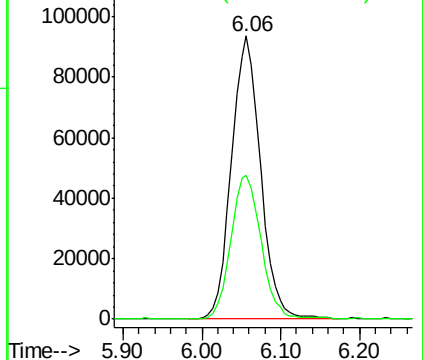
65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015023.D

Acq: 26 Feb 2020 16:07

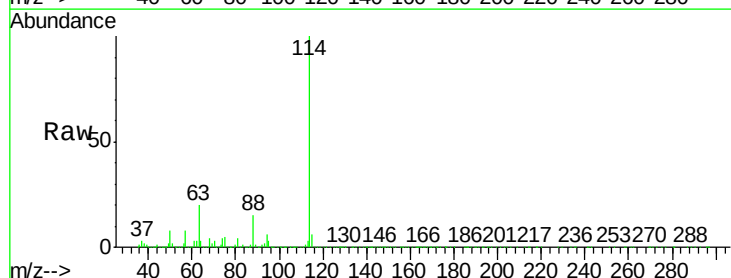
Tgt Ion: 114 Resp: 661407

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

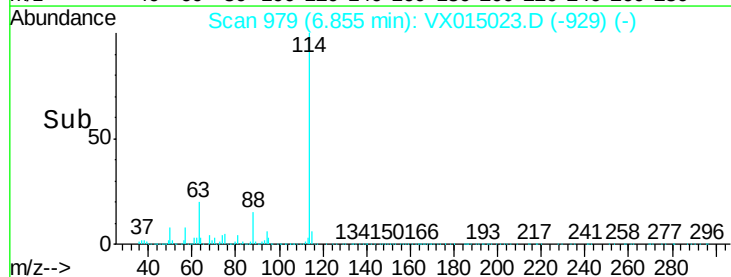
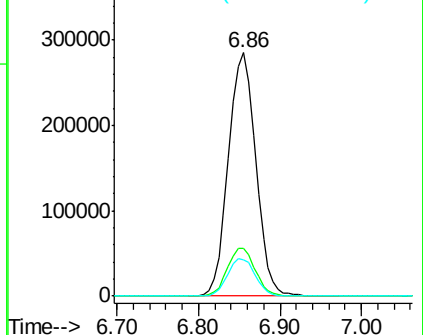
88 14.9 0.0 32.0

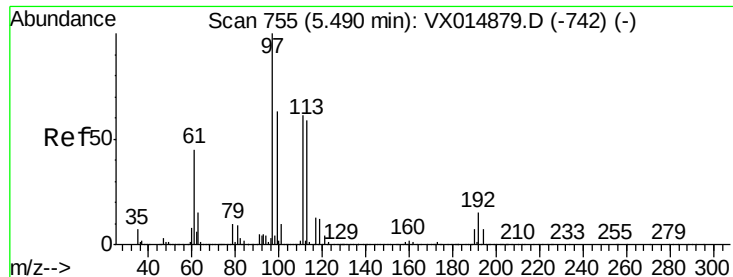


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

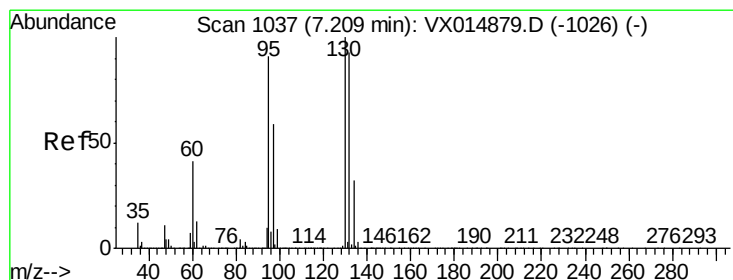
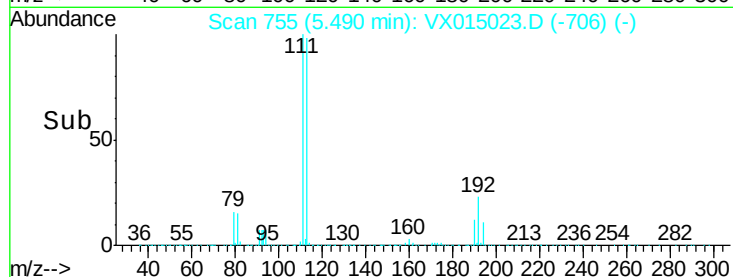
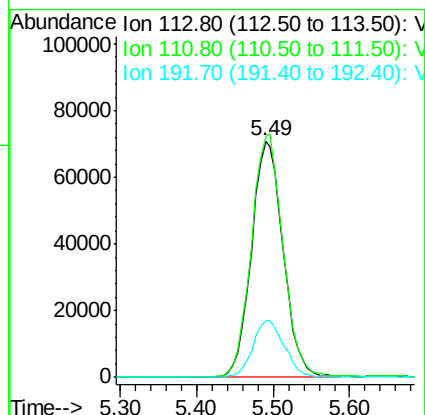
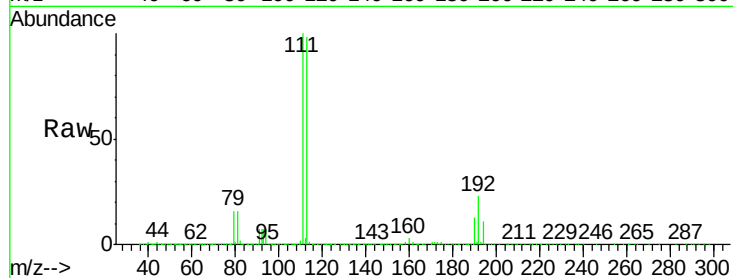




#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

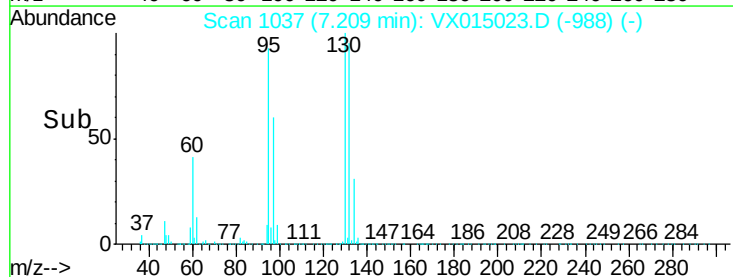
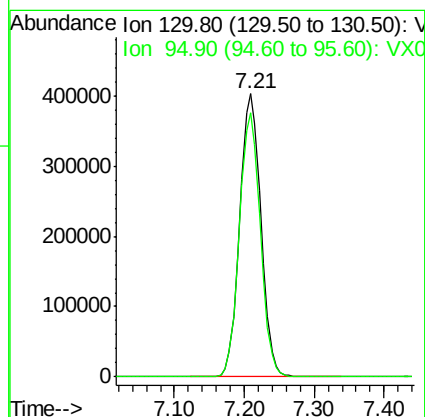
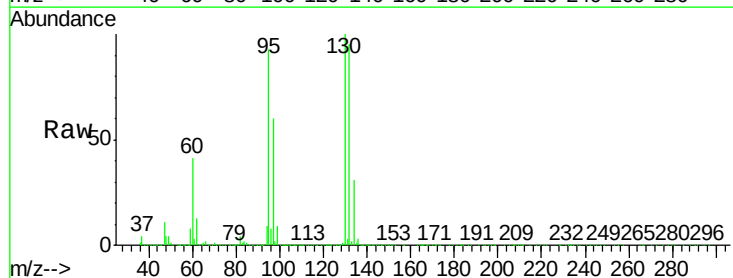
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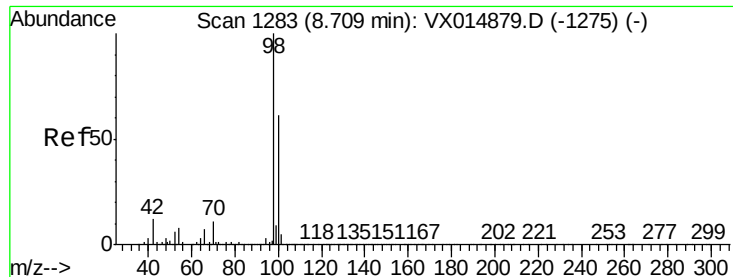
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.0	19.1	28.7



#44
Trichloroethene
Concen: 165.002 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	182.6

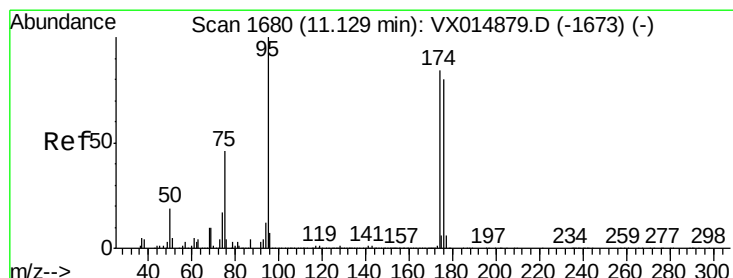
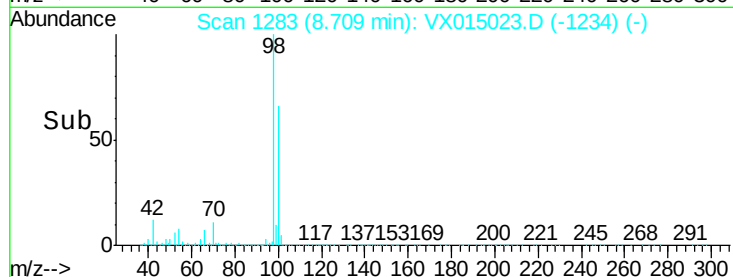
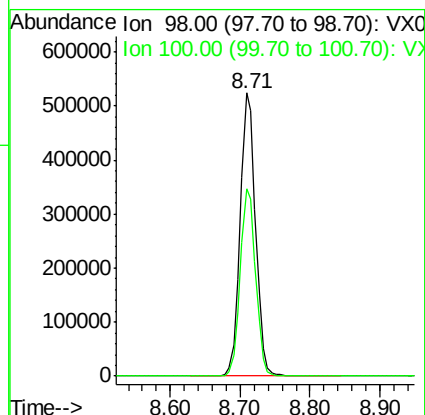
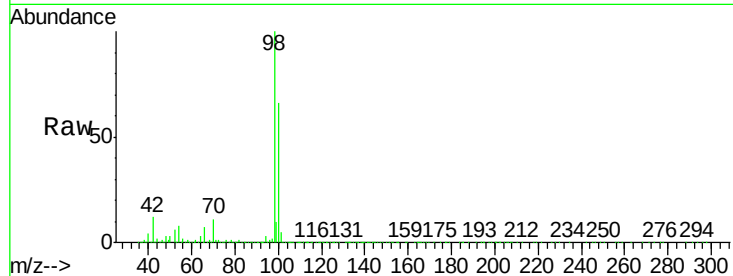




#50
Toluene-d8
Concen: 51.373 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

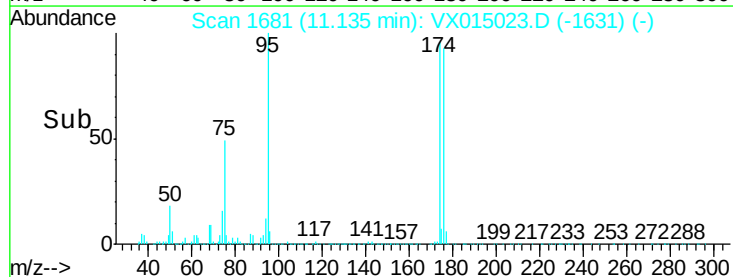
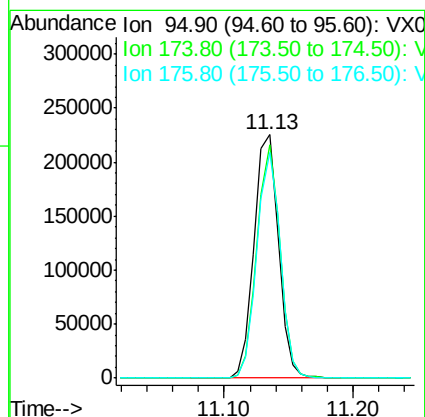
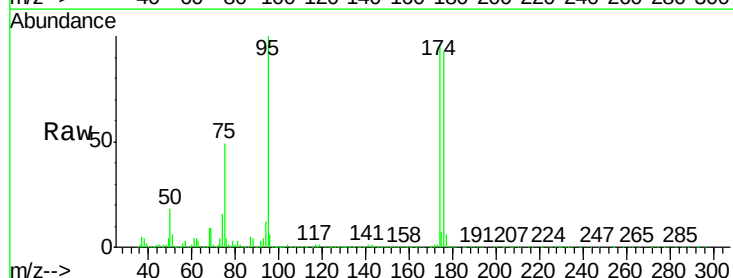
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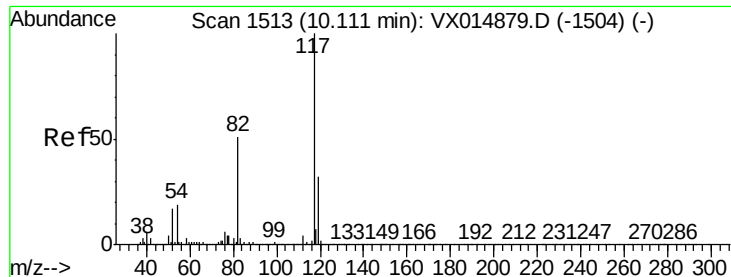
Tot Ion: 98 Resp: 797358
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.558 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

Tgt Ion: 95 Resp: 293861
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.0
176 89.1 0.0 178.0

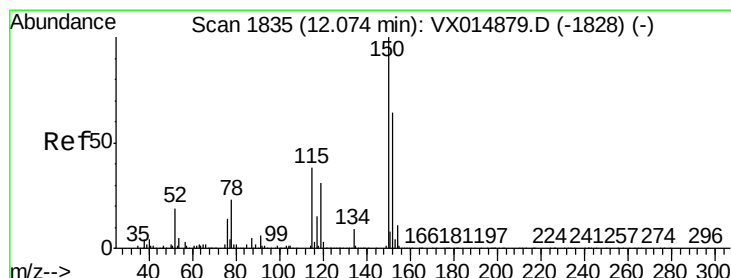
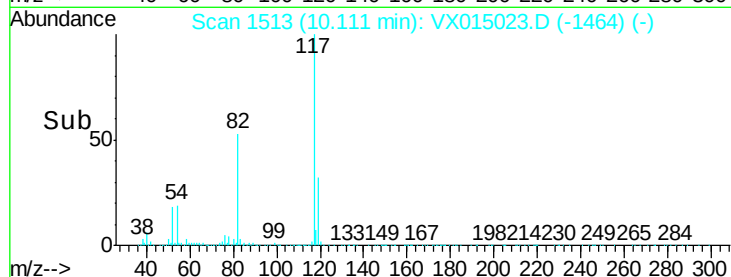
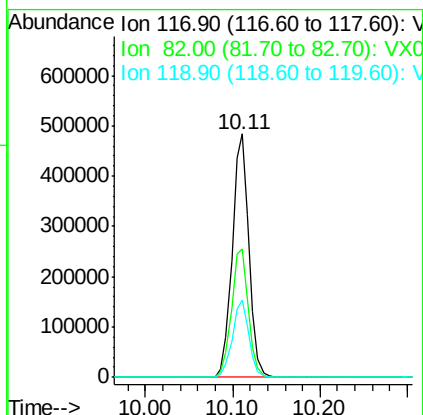
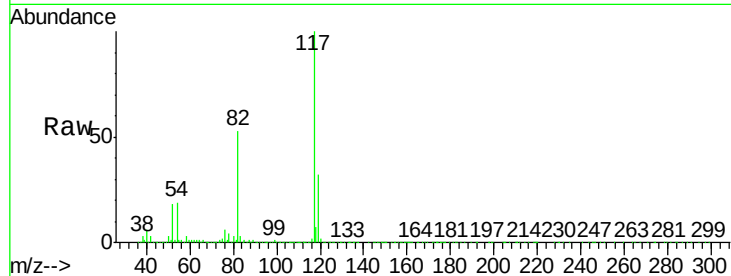




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

Instrument :
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ClientSampleId :
WEST-DITCHLN-20200225

Tot Ion:117 Resp: 643700
Ion Ratio Lower Upper
117 100
82 52.7 40.5 60.7
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015023.D
Acq: 26 Feb 2020 16:07

Tgt Ion:152 Resp: 329674
Ion Ratio Lower Upper
152 100
115 54.3 38.6 116.0
150 155.7 0.0 349.0

