

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014601.D
 Acq On : 14 Jan 2020 12:32
 Operator : JC/SP
 Sample : L1116-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200113

Quant Time: Jan 15 00:52:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

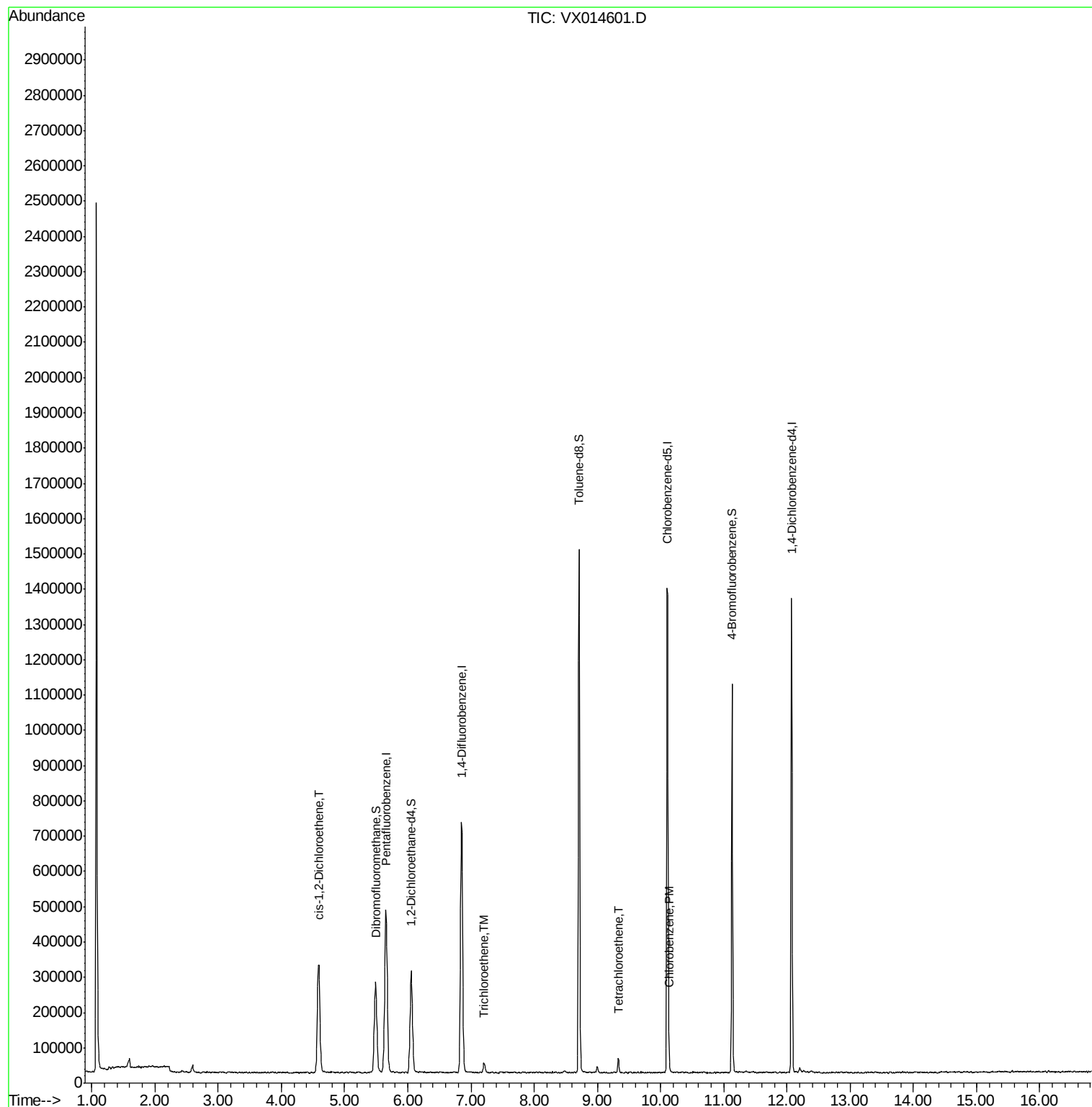
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	479782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	735818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	654873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	266592	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	5.49	113	223631	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	8.71	98	869597	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	289417	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	206398	35.690	ug/l	90
44) Trichloroethene	7.21	130	12417	2.104	ug/l	83
64) Tetrachloroethene	9.33	164	8837	1.346	ug/l	93
65) Chlorobenzene	10.14	112	17273	1.215	ug/l	94

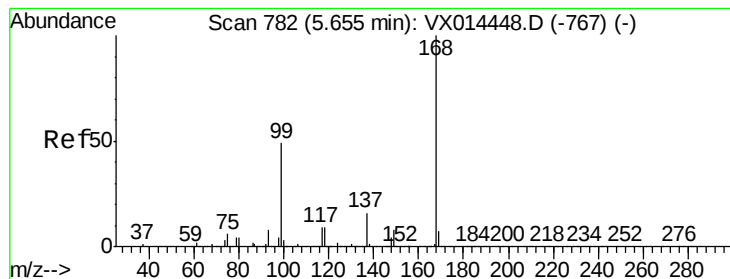
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014601.D

Acq: 14 Jan 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

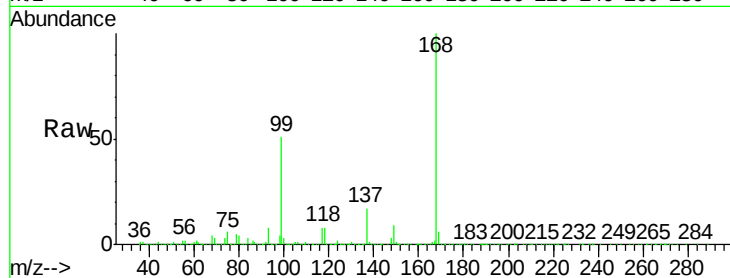
KY038PS027-200113

Tot Ion:168 Resp: 479782

Ion Ratio Lower Upper

168 100

99 51.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

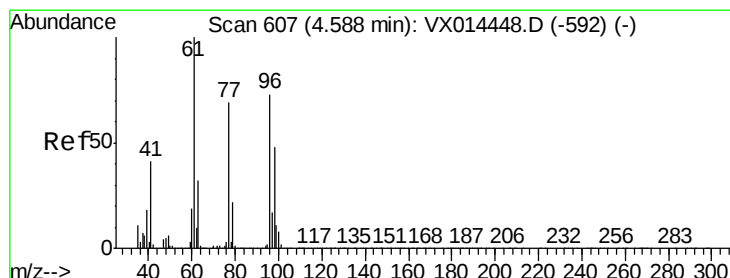
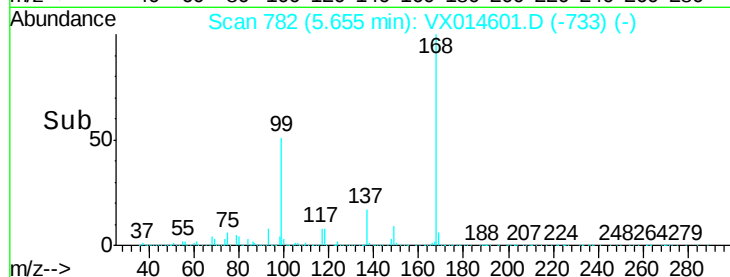
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 35.690 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

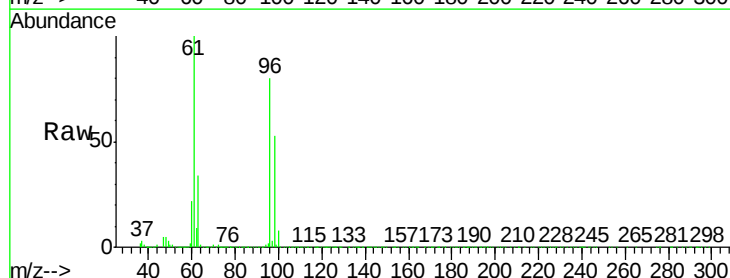
Tgt Ion: 96 Resp: 206398

Ion Ratio Lower Upper

96 100

61 125.9 0.0 285.4

98 64.8 0.0 130.6



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

4.59

120000

100000

80000

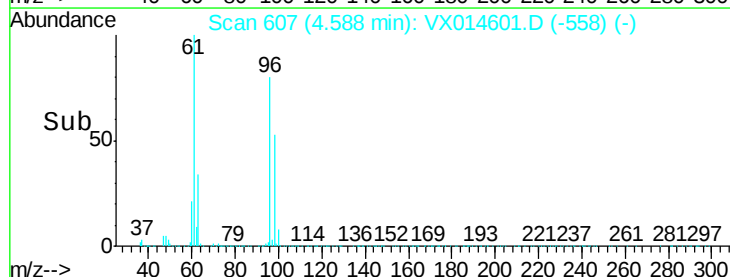
60000

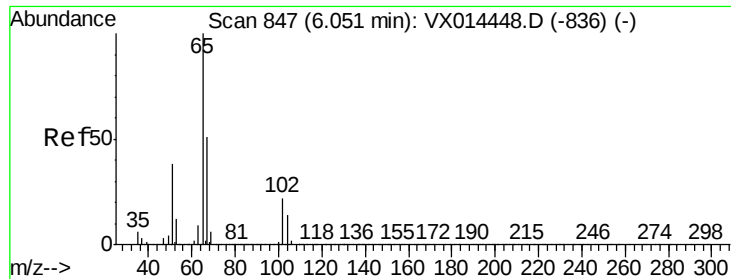
40000

20000

0

Time--> 4.50 4.60 4.70

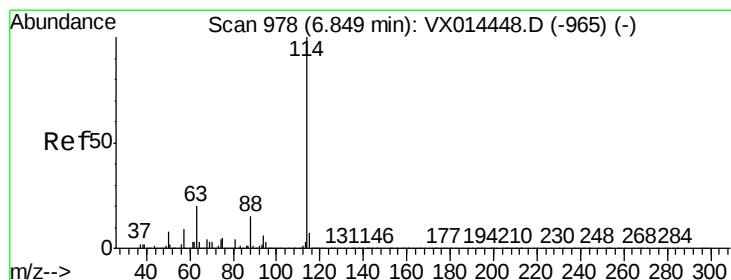
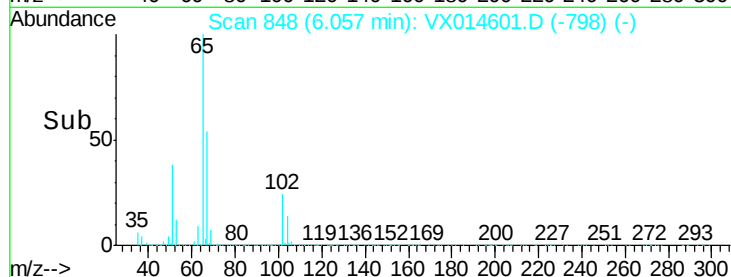
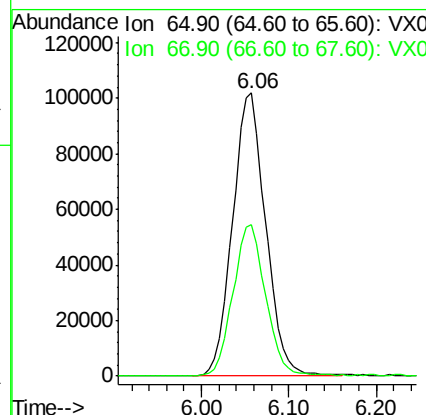
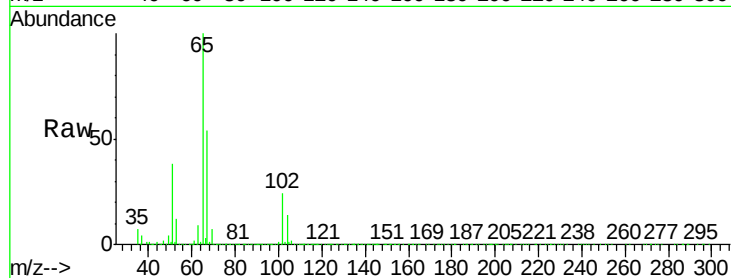




#33
 1,2-Dichloroethane-d4
 Concen: 49.775 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014601.D
 Acq: 14 Jan 2020 12:32

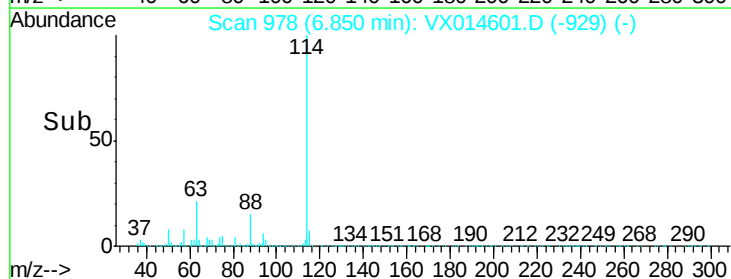
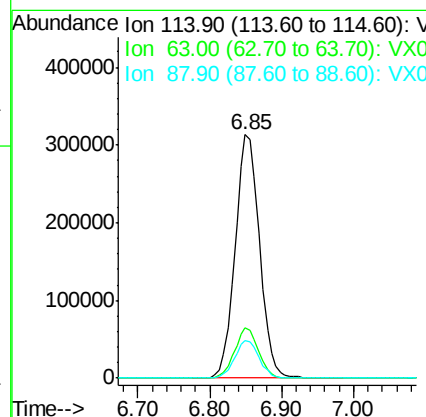
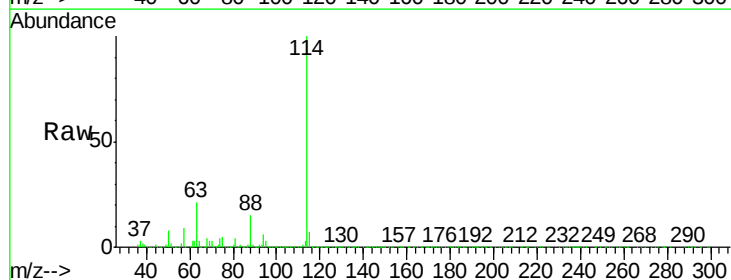
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200113

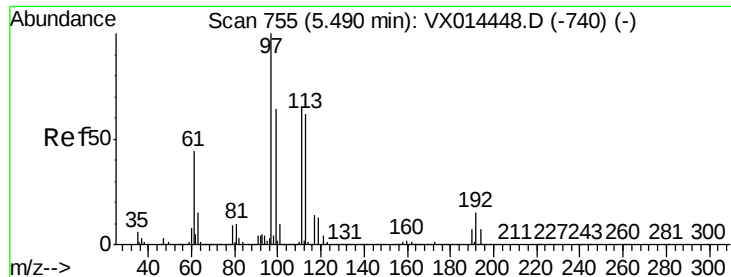
Tot Ion: 65 Resp: 266592
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014601.D
 Acq: 14 Jan 2020 12:32

Tgt Ion: 114 Resp: 735818
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200113

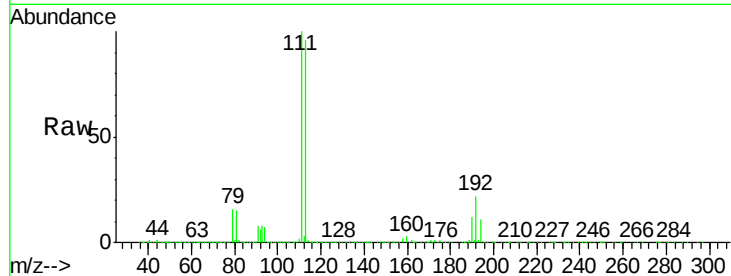
Tot Ion:113 Resp: 223631

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

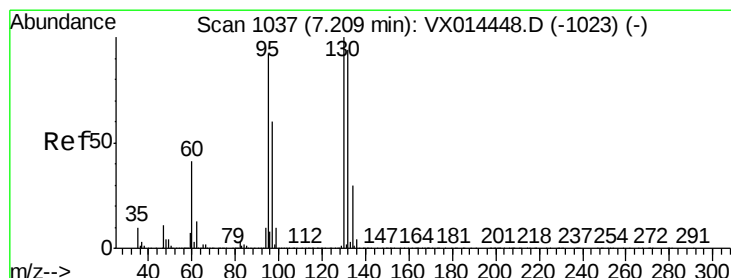
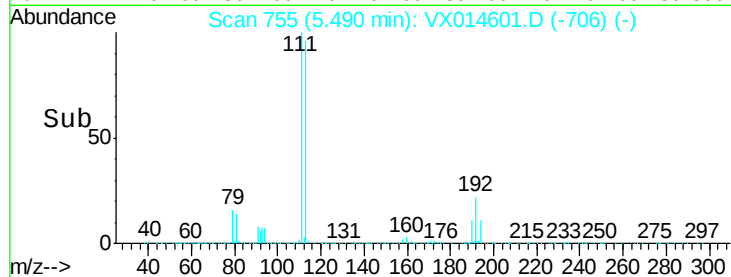
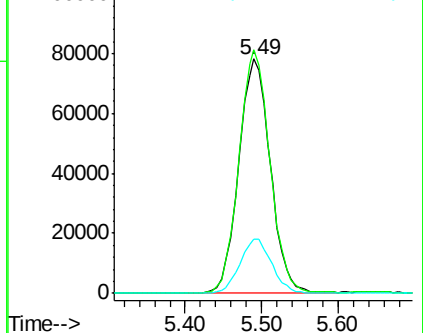
192 23.0 19.2 28.8



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: 2.104 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014601.D

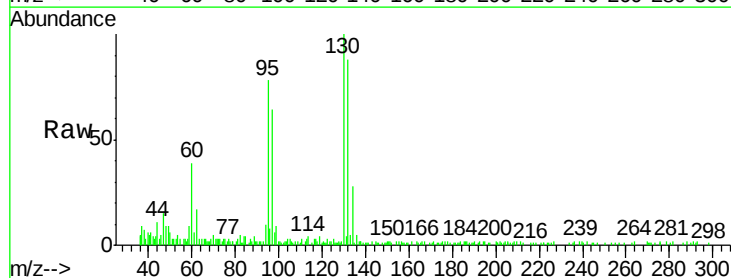
Acq: 14 Jan 2020 12:32

Tgt Ion:130 Resp: 12417

Ion Ratio Lower Upper

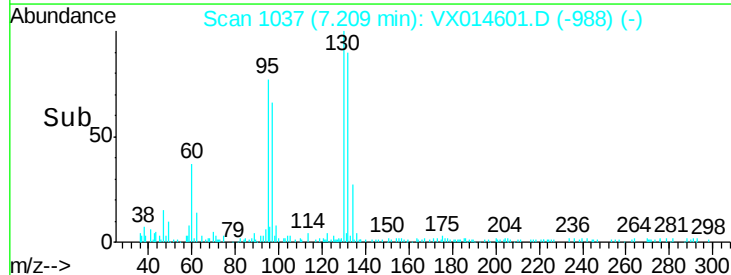
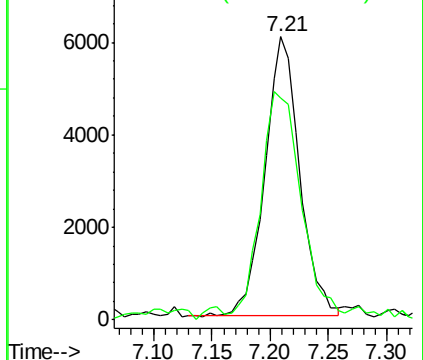
130 100

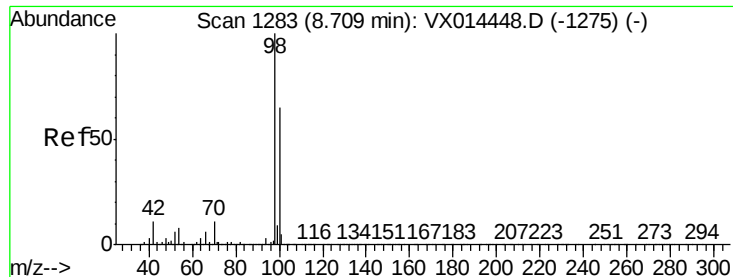
95 76.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.308 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

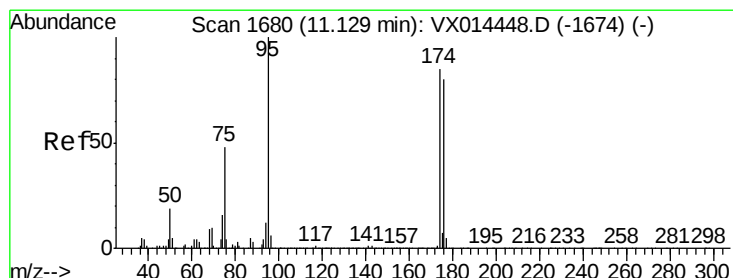
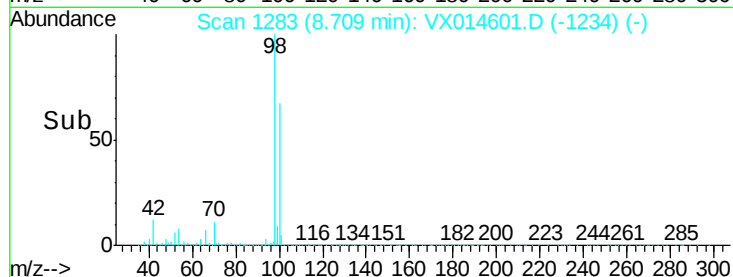
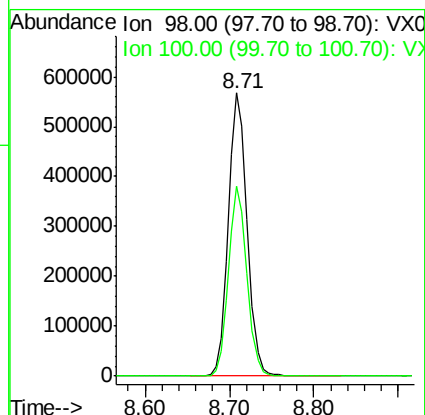
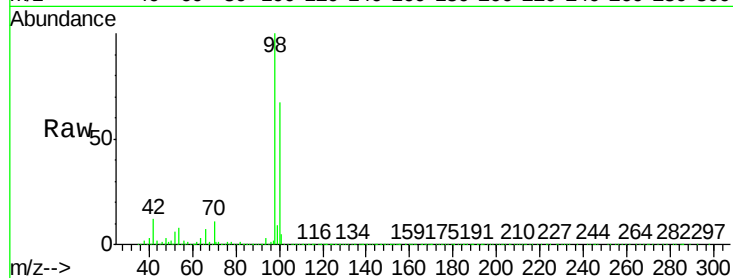
KY038PS027-200113

Tot Ion: 98 Resp: 869597

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 45.609 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

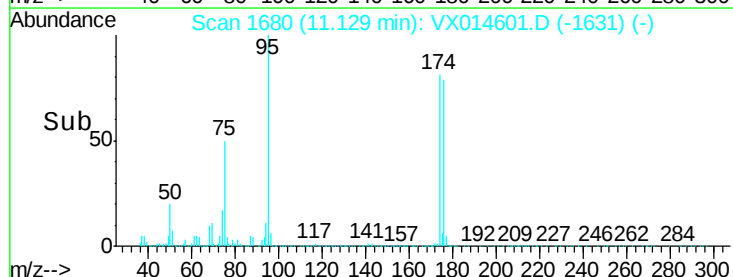
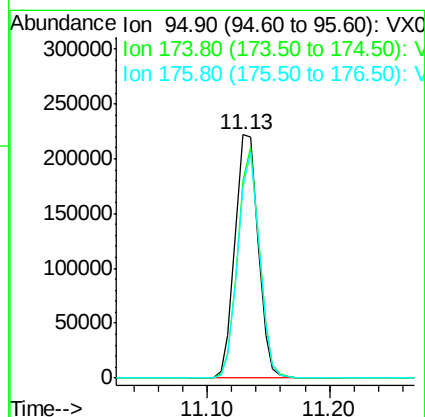
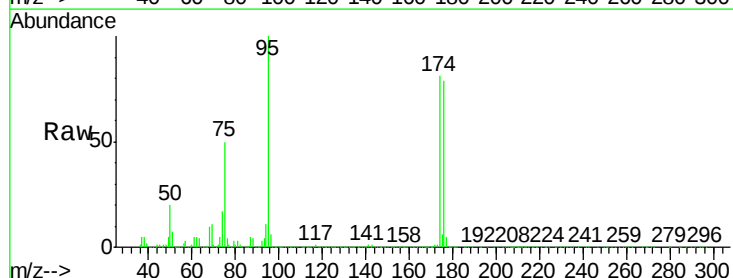
Tgt Ion: 95 Resp: 289417

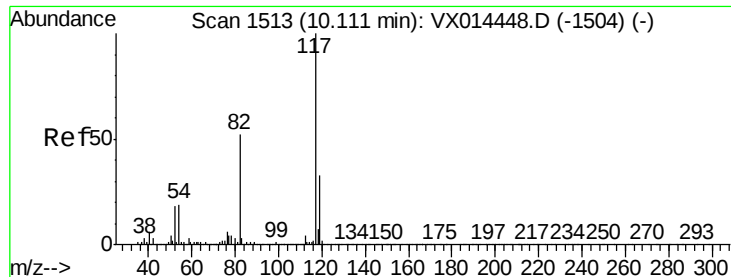
Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.8

176 86.5 0.0 172.8

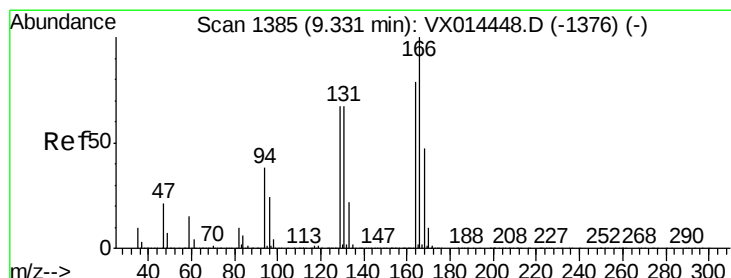
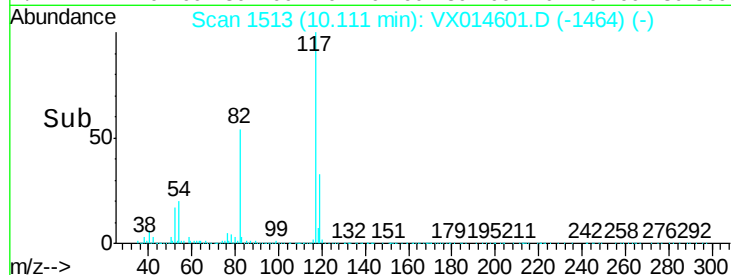
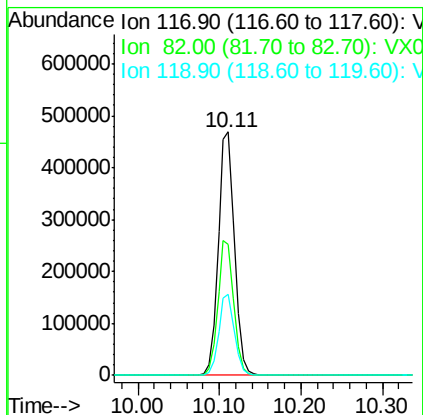
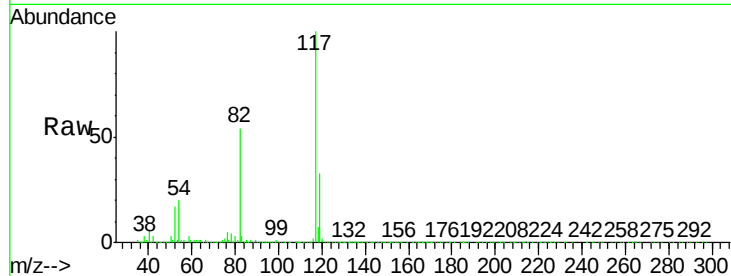




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

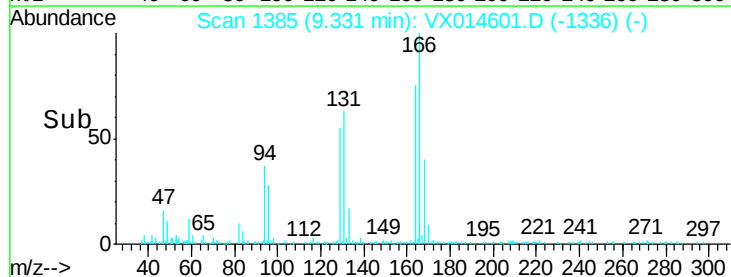
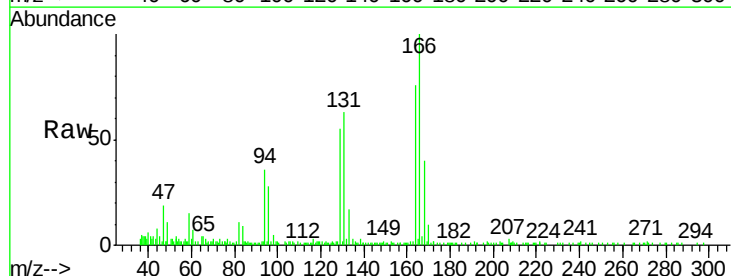
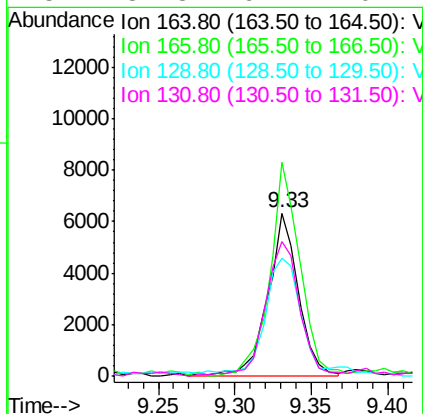
Instrument :
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KY038PS027-200113

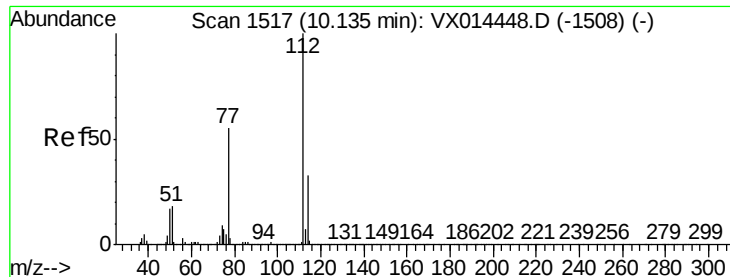
Tot Ion:117 Resp: 654873
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 33.4 26.2 39.4



#64
Tetrachloroethene
Concen: 1.346 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:164 Resp: 8837
Ion Ratio Lower Upper
164 100
166 130.1 101.2 151.8
129 70.3 68.3 102.5
131 82.3 67.4 101.2





#65

Chlorobenzene

Concen: 1.215 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

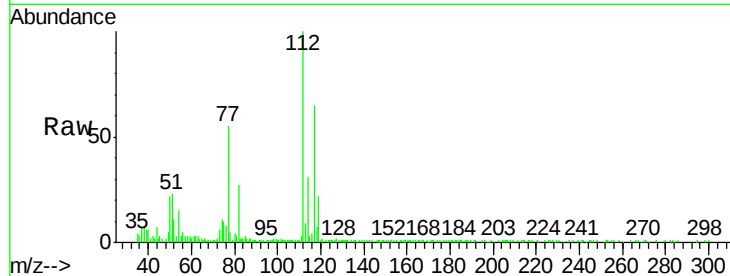
KY038PS027-200113

Tot Ion:112 Resp: 17273

Ion Ratio Lower Upper

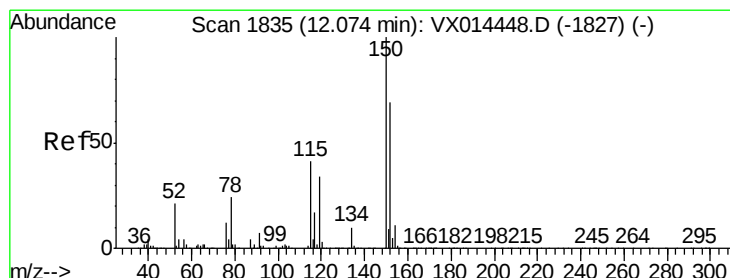
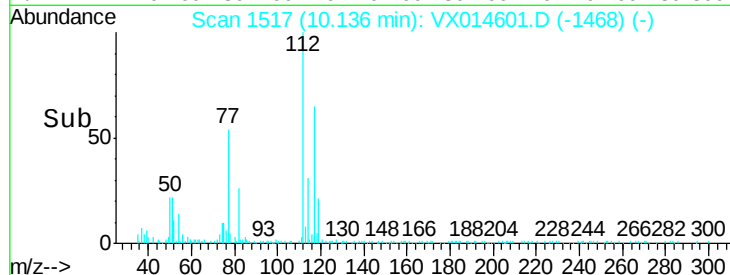
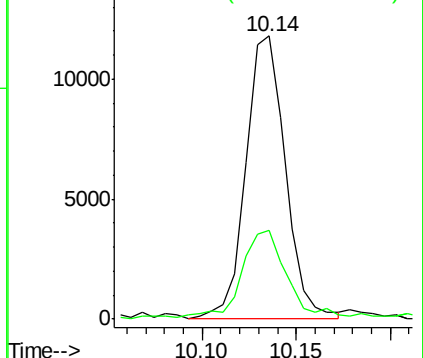
112 100

114 29.7 26.2 39.4



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014601.D

Acq: 14 Jan 2020 12:32

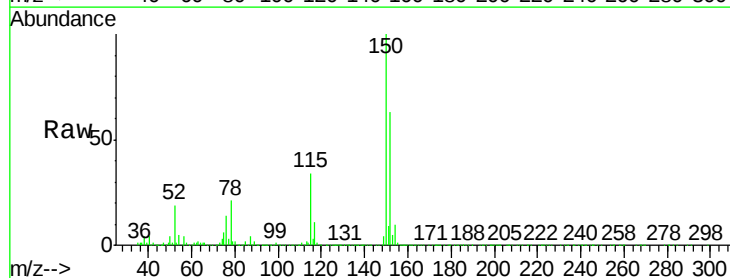
Tgt Ion:152 Resp: 292375

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 155.5 0.0 350.2



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

