

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013926.D
 Acq On : 11 Dec 2019 03:27
 Operator : JC/SP
 Sample : K6237-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-191209

Quant Time: Dec 11 07:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

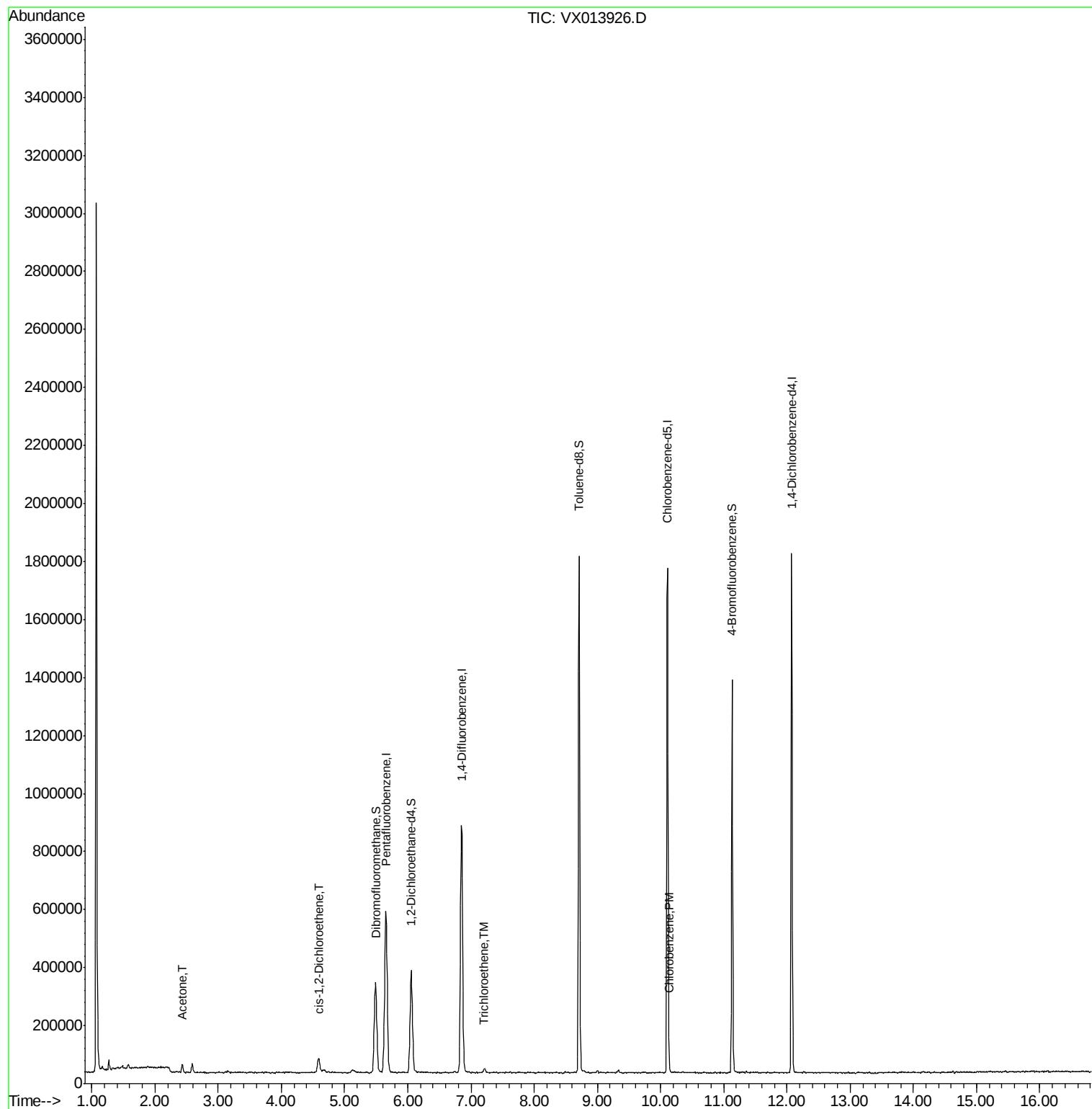
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	578800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	886109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	807702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	324244	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	5.49	113	269159	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1047859	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	362267	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
16) Acetone	2.43	43	30953	9.332	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	32946	4.781	ug/l	88
44) Trichloroethene	7.22	130	7031	1.046	ug/l	81
65) Chlorobenzene	10.14	112	7198	0.429	ug/l #	71

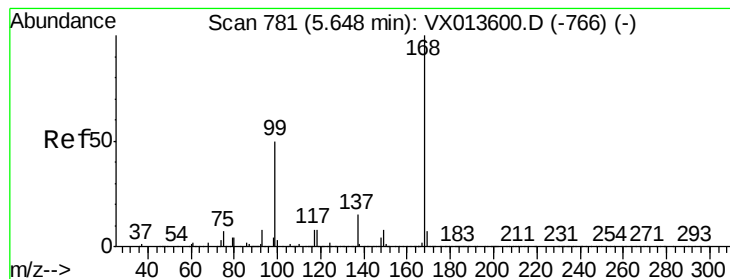
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

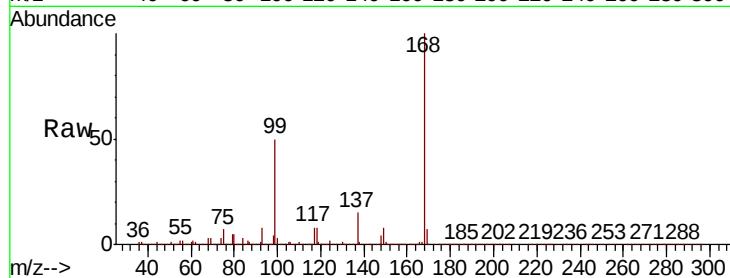
KY038PS037-191209

Tot Ion:168 Resp: 578800

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

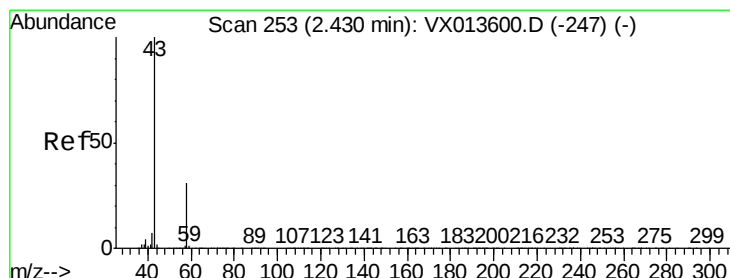
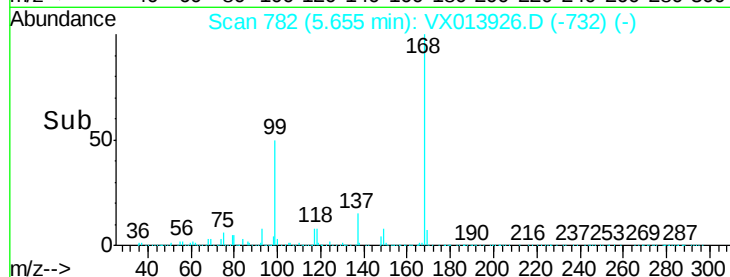
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.332 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013926.D

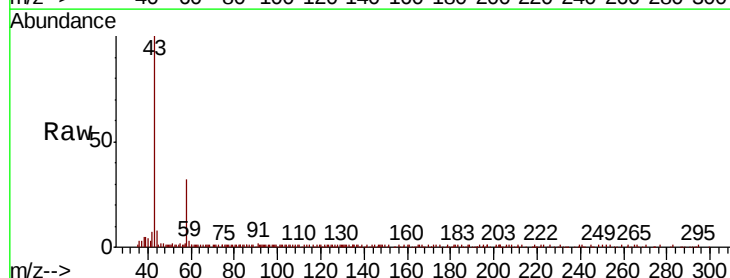
Acq: 11 Dec 2019 03:27

Tgt Ion: 43 Resp: 30953

Ion Ratio Lower Upper

43 100

58 30.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

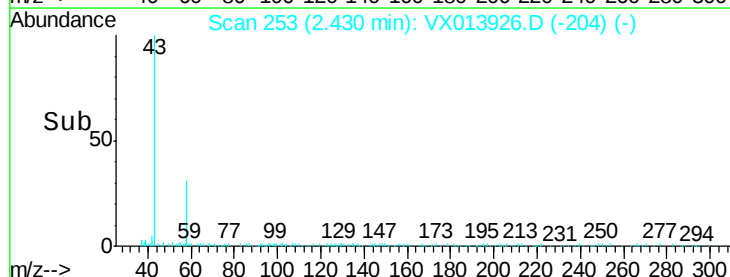
15000

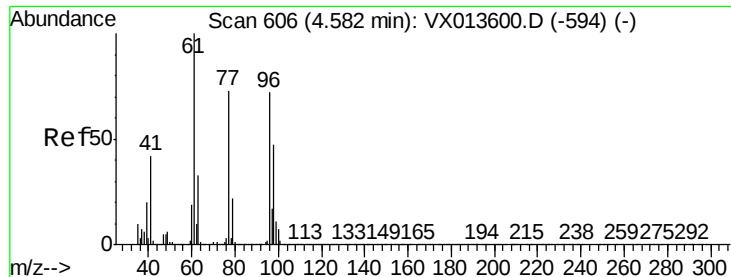
10000

5000

0

Time-->



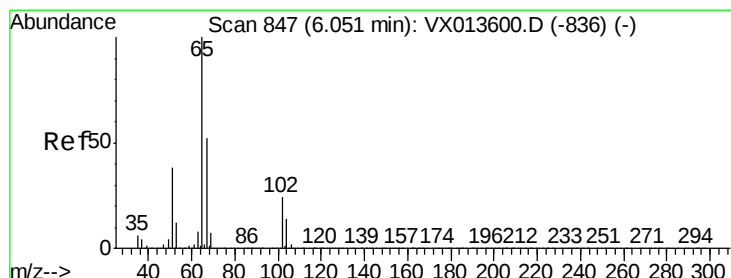
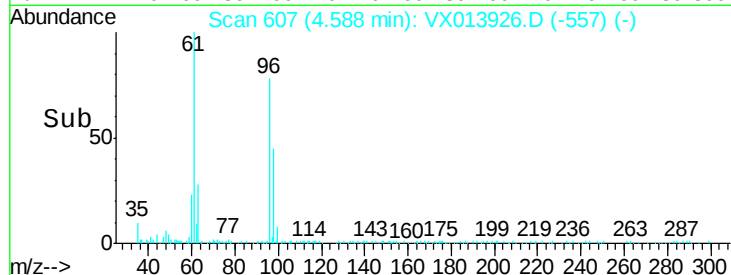
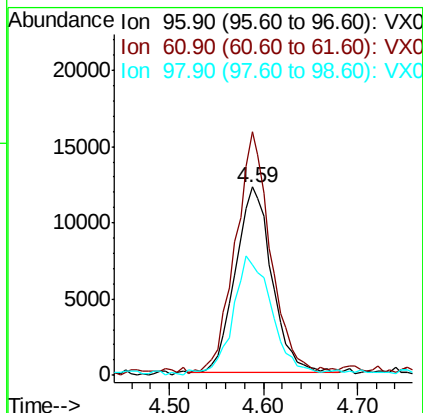
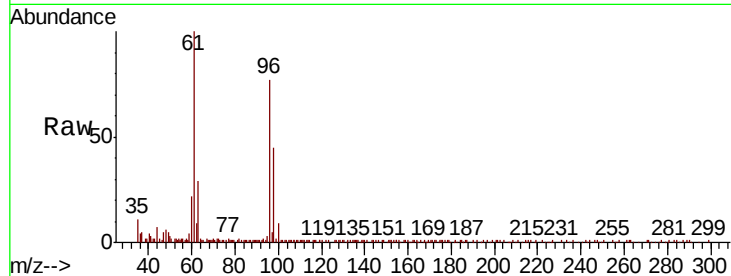


#27

cis-1,2-Dichloroethene
Concen: 4.781 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-191209

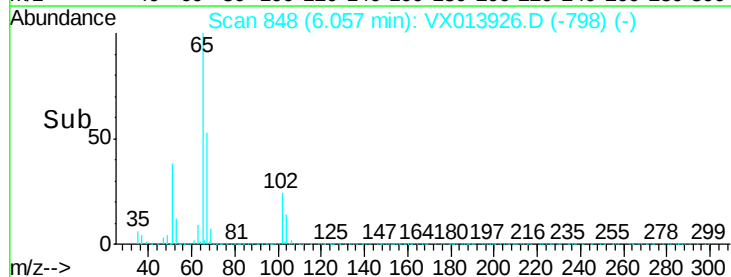
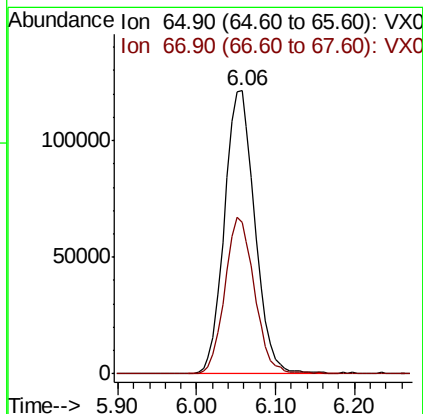
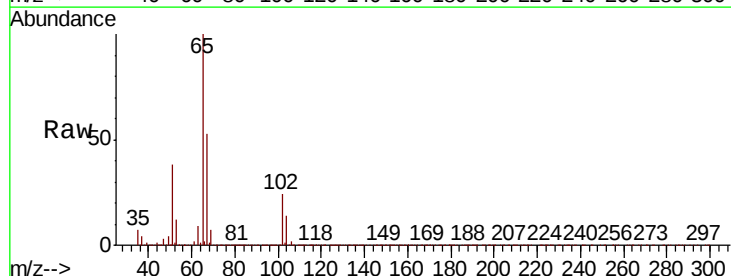
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	286.4
98	69.1	0.0	127.4

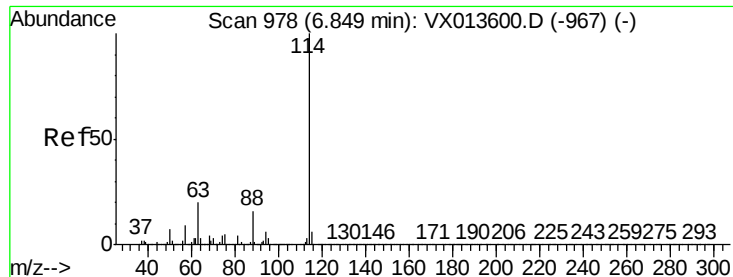


#33

1,2-Dichloroethane-d4
Concen: 48.261 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013926.D
Acq: 11 Dec 2019 03:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-191209

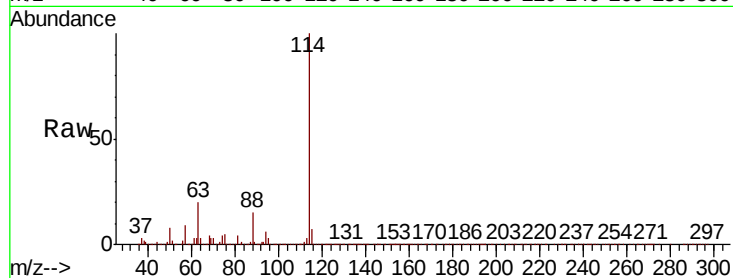
Tot Ion:114 Resp: 886109

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.4 0.0 31.4



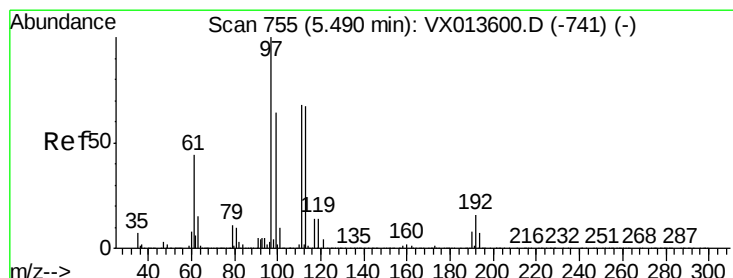
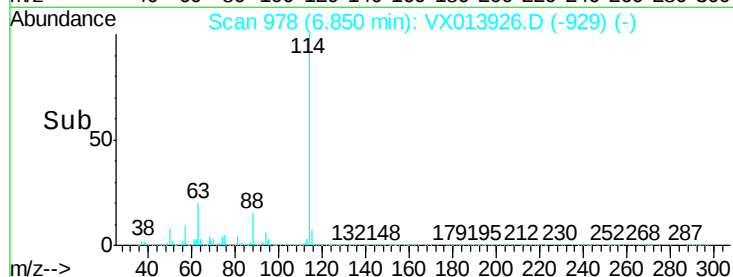
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 49.134 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

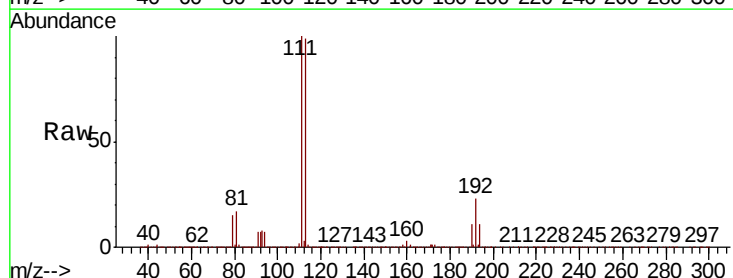
Tgt Ion:113 Resp: 269159

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

192 23.2 19.2 28.8



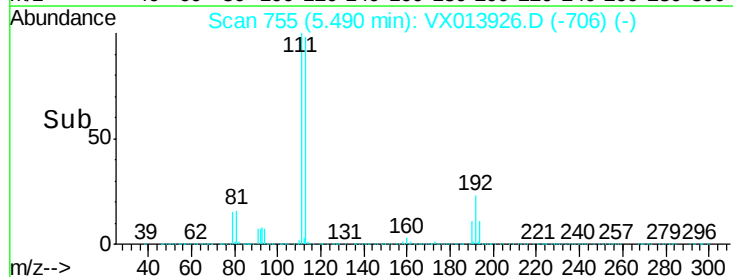
Abundance Ion 112.80 (112.50 to 113.50): V

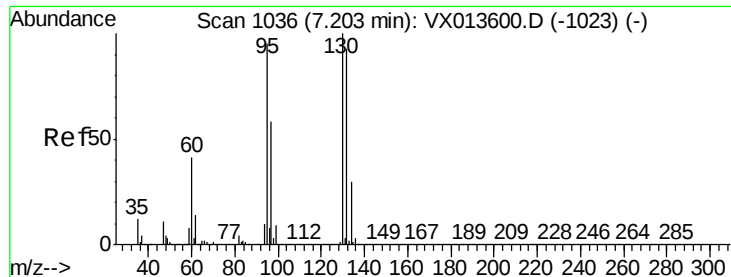
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.49

Time-->





#44

Trichloroethene

Concen: 1.046 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

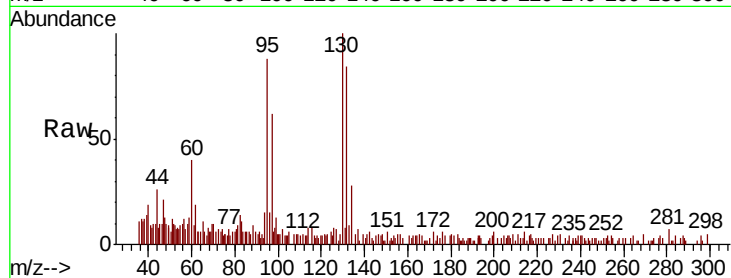
KY038PS037-191209

Tot Ion:130 Resp: 7031

Ion Ratio Lower Upper

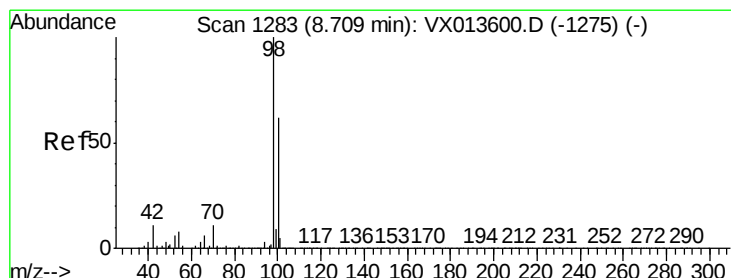
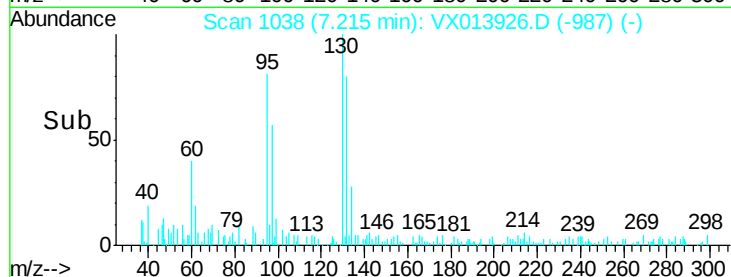
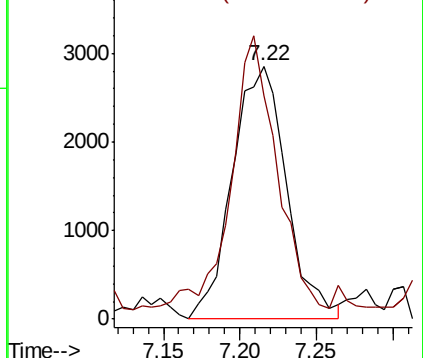
130 100

95 76.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013926.D

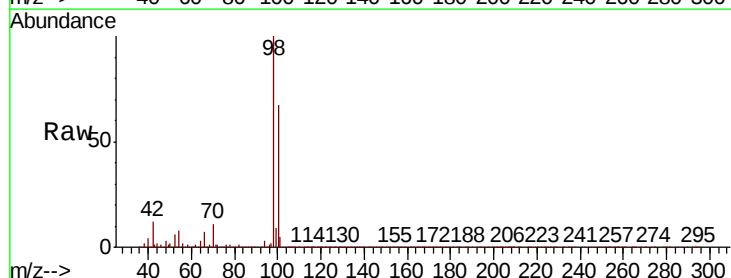
Acq: 11 Dec 2019 03:27

Tgt Ion: 98 Resp: 1047859

Ion Ratio Lower Upper

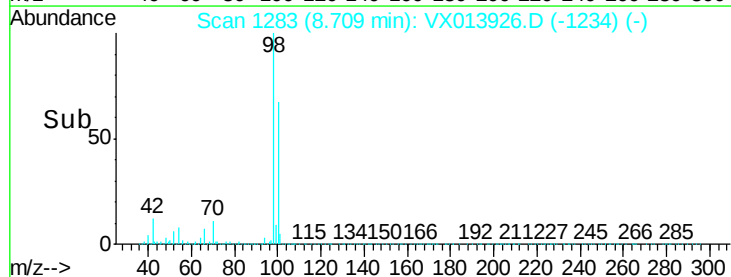
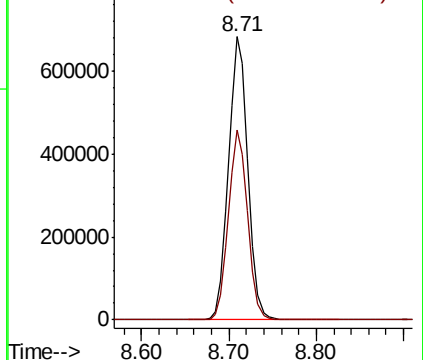
98 100

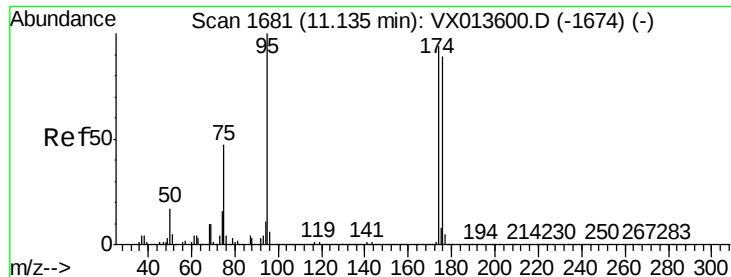
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.070 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-191209

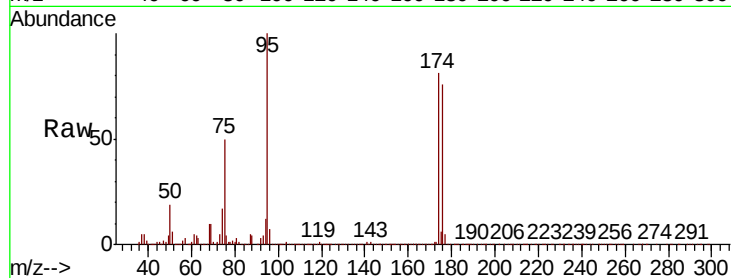
Tot Ion: 95 Resp: 362267

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

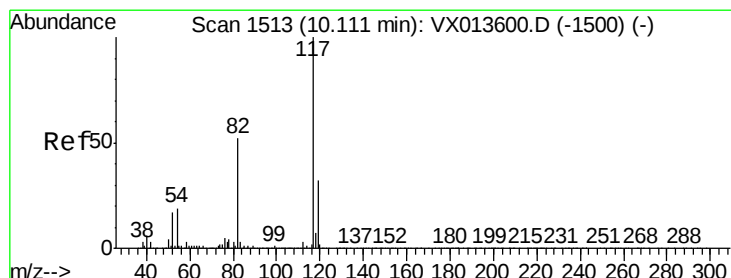
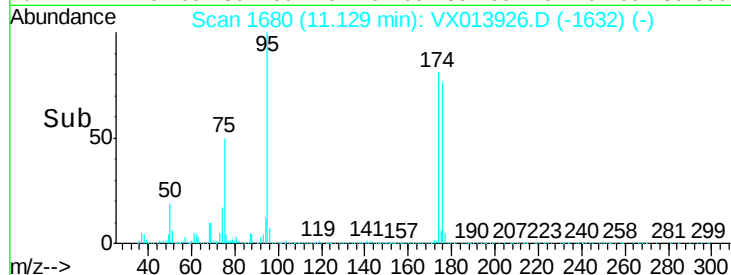
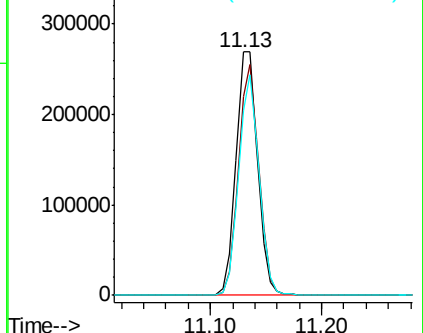
176 85.7 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

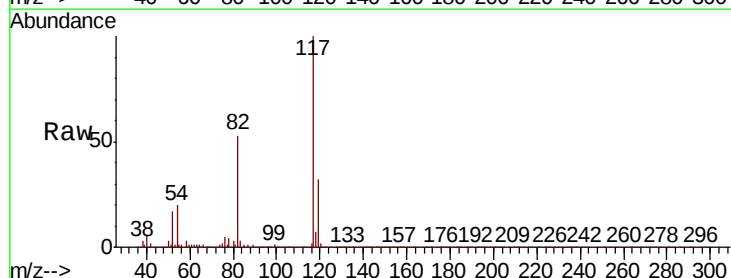
Tgt Ion: 117 Resp: 807702

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

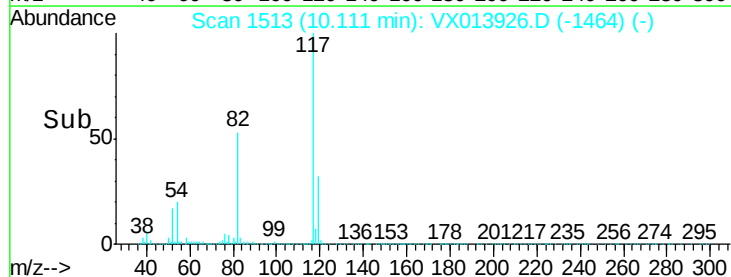
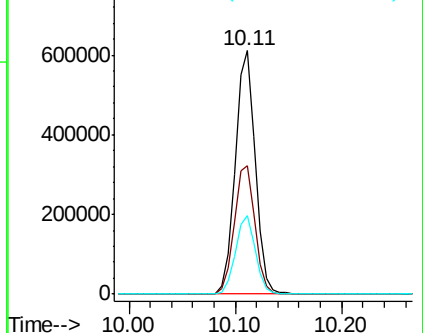
119 32.1 25.8 38.8

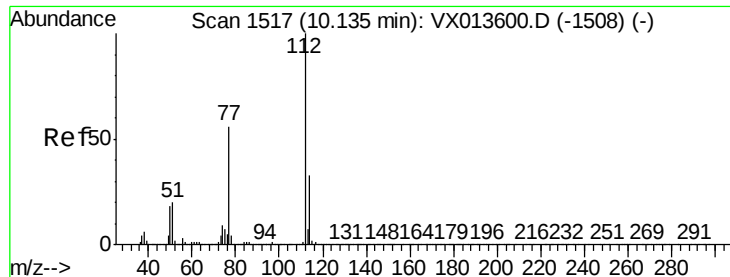


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.429 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013926.D

Acq: 11 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

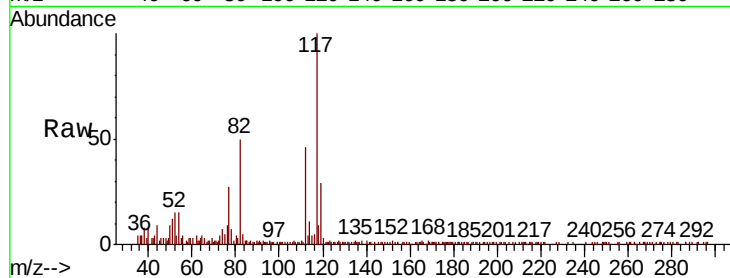
KY038PS037-191209

Tot Ion:112 Resp: 7198

Ion Ratio Lower Upper

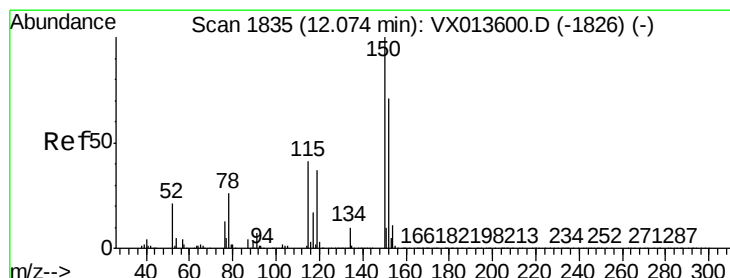
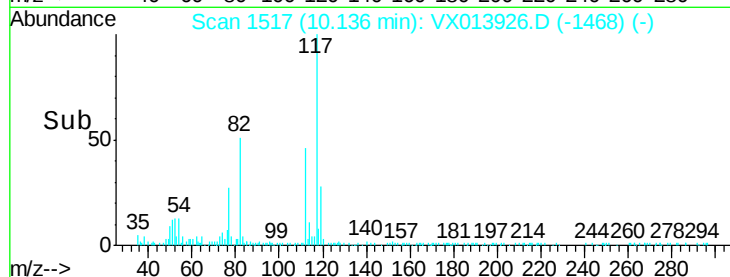
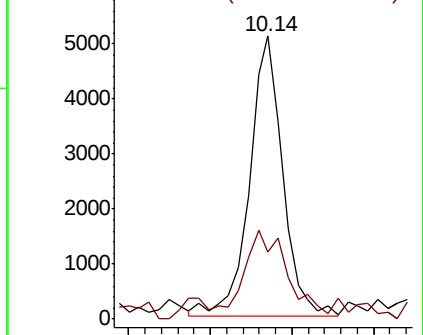
112 100

114 16.4 26.1 39.1#



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: VX013926.D

Acq: 11 Dec 2019 03:27

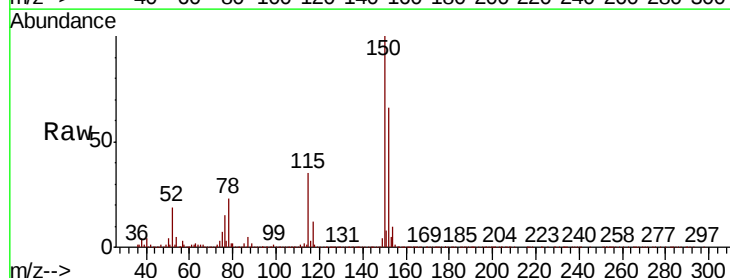
Tgt Ion:152 Resp: 375536

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 155.7 0.0 346.8



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

