

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013386.D
 Acq On : 12 Nov 2019 15:42
 Operator : JC/SP
 Sample : K5803-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-191111

Quant Time: Nov 13 03:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	756712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1184317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1054105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	475319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	434439	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.49	113	359775	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	1413093	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	468556	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

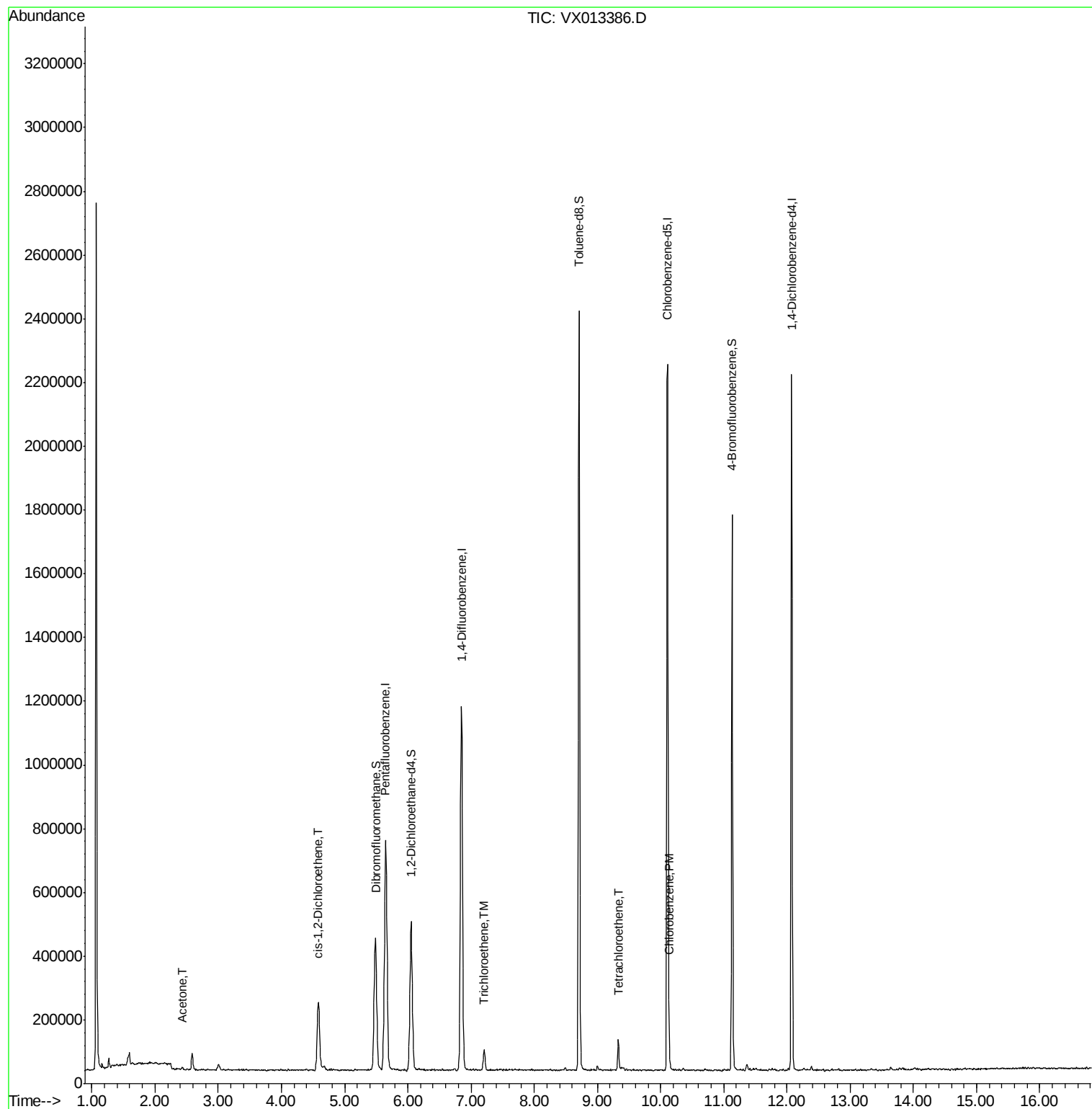
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	12555	2.808	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	138447	16.353	ug/l	91
44) Trichloroethene	7.21	130	27057	3.106	ug/l	93
64) Tetrachloroethene	9.33	164	17482	2.317	ug/l	88
65) Chlorobenzene	10.14	112	39287	1.841	ug/l	98

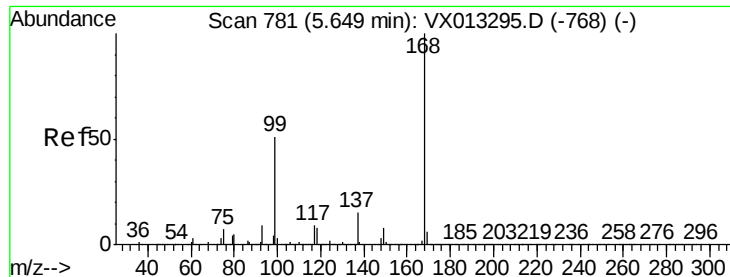
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 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: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

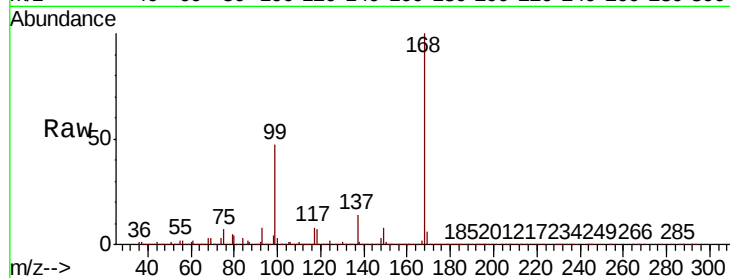
KY038PS027-191111

Tot Ion:168 Resp: 756712

Ion Ratio Lower Upper

168 100

99 47.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

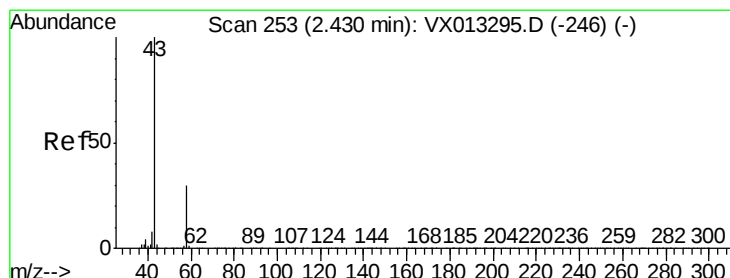
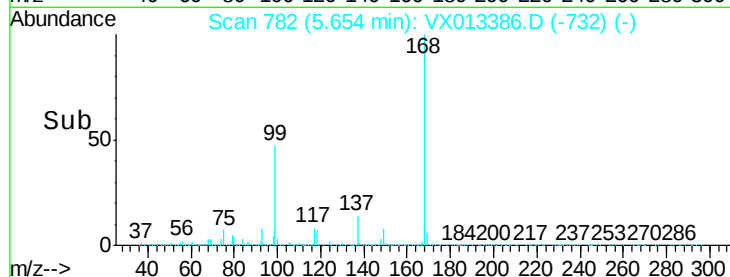
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.808 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013386.D

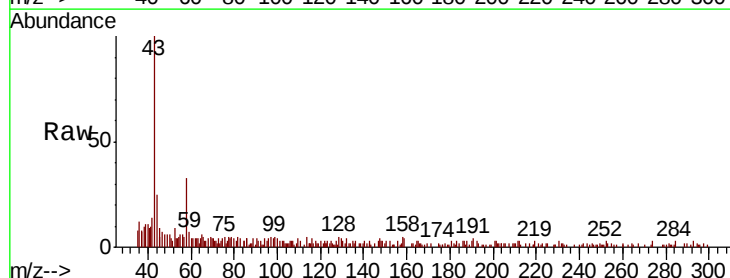
Acq: 12 Nov 2019 15:42

Tgt Ion: 43 Resp: 12555

Ion Ratio Lower Upper

43 100

58 30.0 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

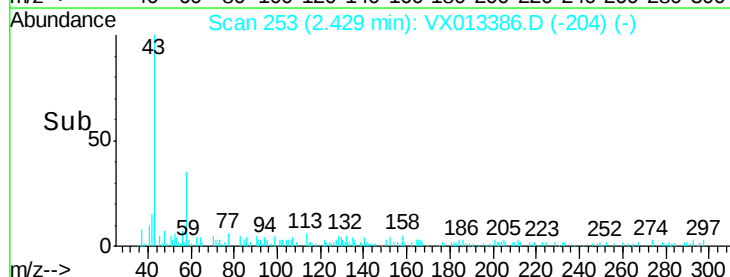
3000

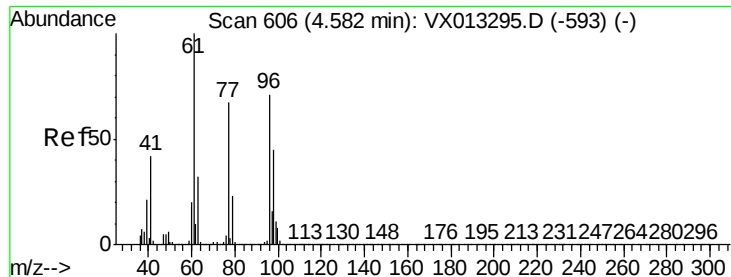
2000

1000

0

Time-->



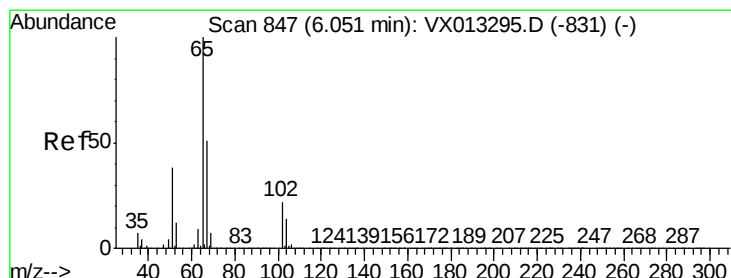
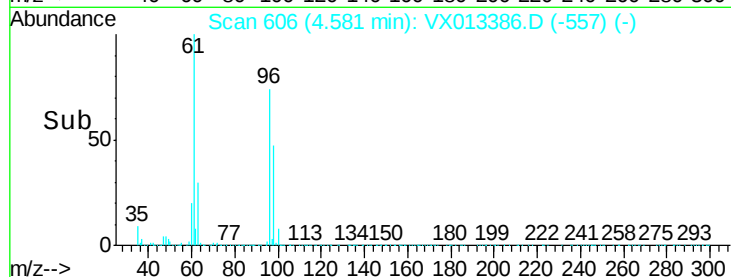
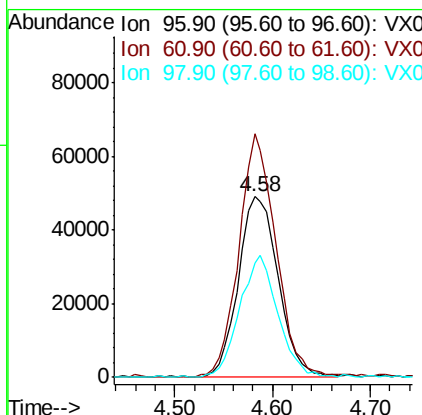
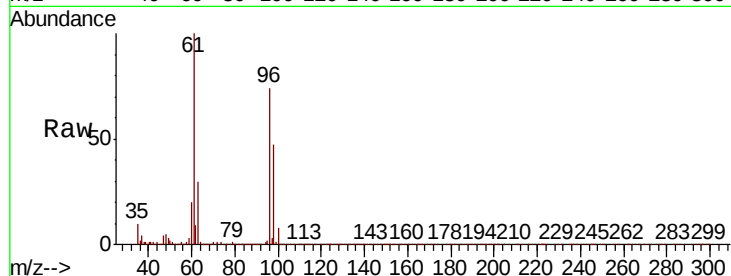


#27

cis-1,2-Dichloroethene
Concen: 16.353 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013386.D
Acq: 12 Nov 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191111

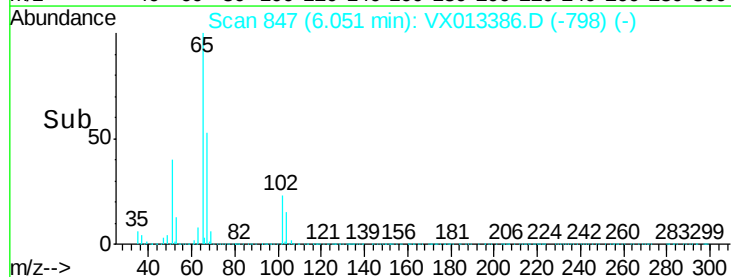
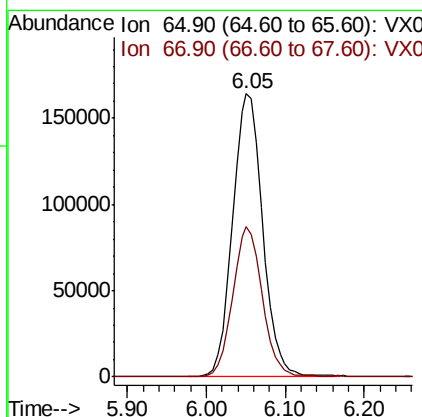
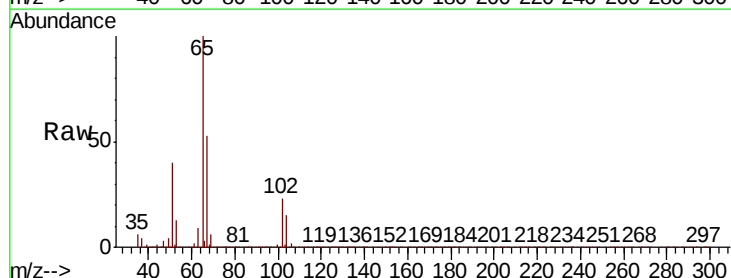
Tot Ion	96	Resp	138447
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	288.0
98	64.2	0.0	129.6

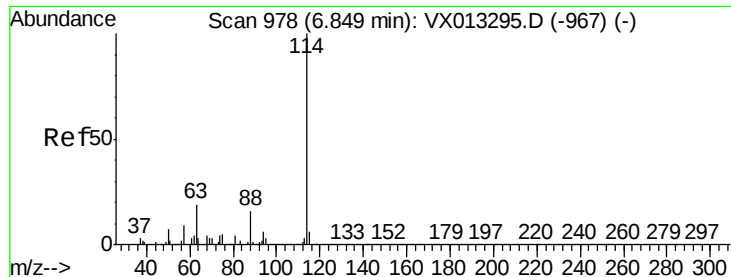


#33

1,2-Dichloroethane-d4
Concen: 48.461 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013386.D
Acq: 12 Nov 2019 15:42

Tgt Ion	65	Resp	434439
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-191111

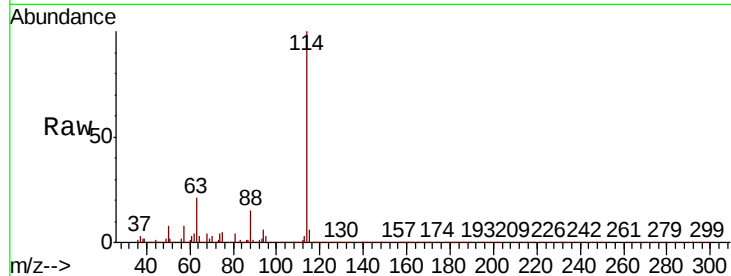
Tot Ion:114 Resp: 1184317

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

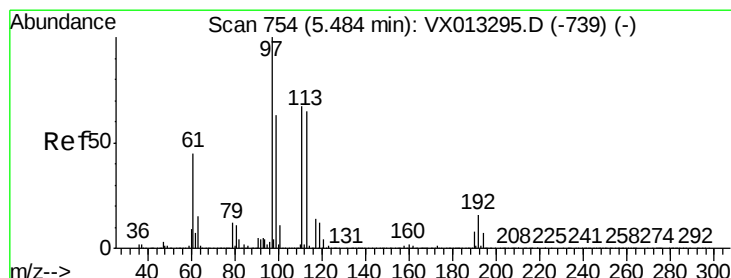
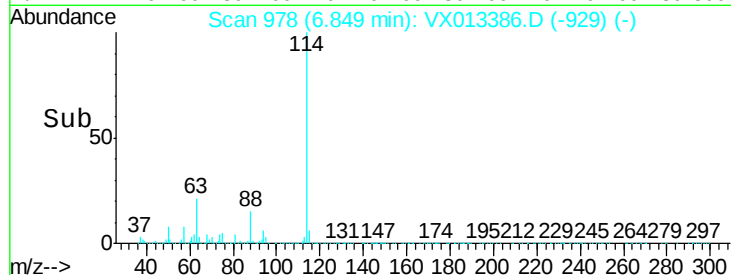
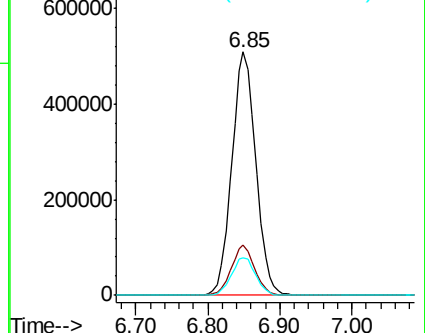
88 15.3 0.0 32.2



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: 48.434 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

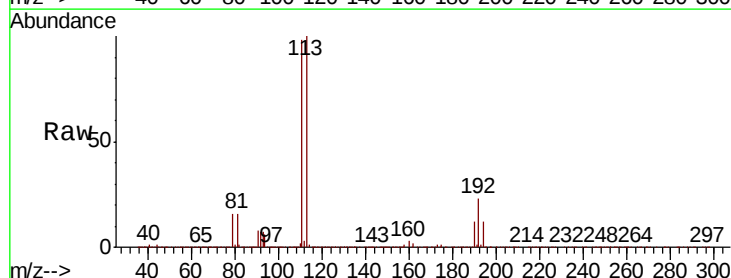
Tgt Ion:113 Resp: 359775

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

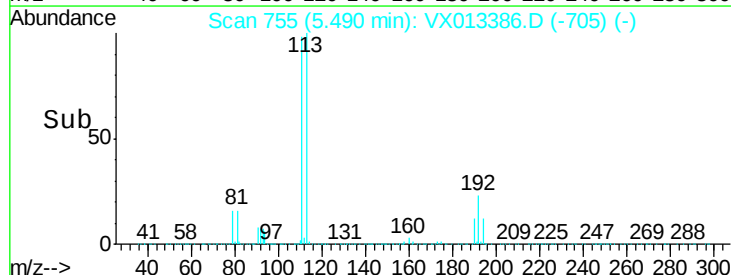
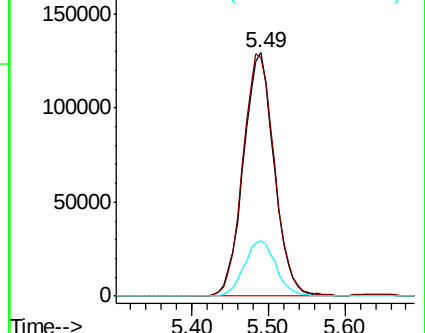
192 23.6 19.1 28.7

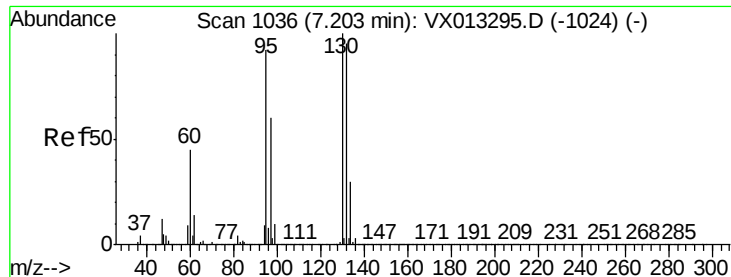


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.106 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

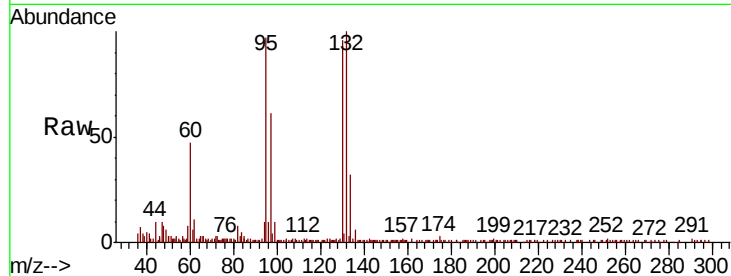
KY038PS027-191111

Tot Ion:130 Resp: 27057

Ion Ratio Lower Upper

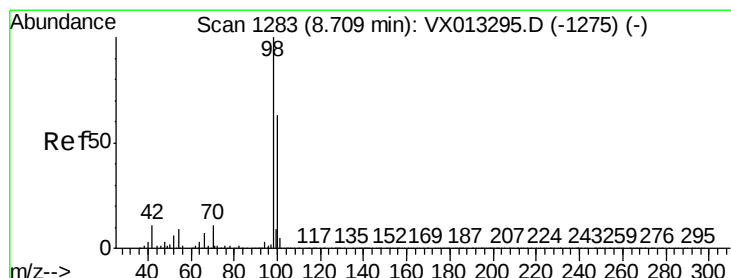
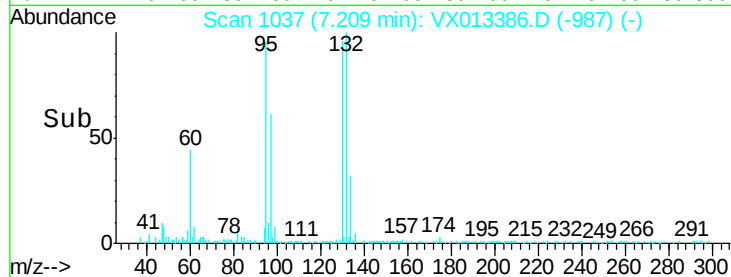
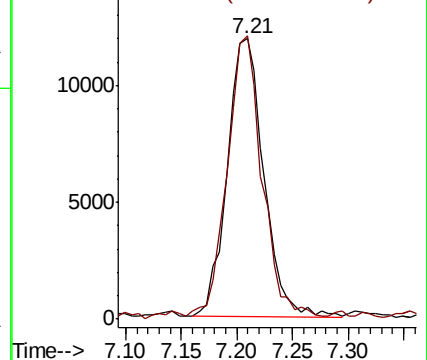
130 100

95 99.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013386.D

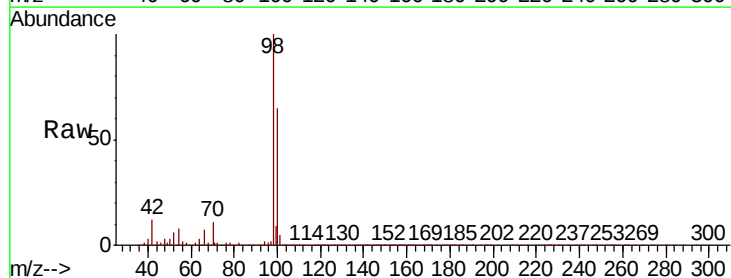
Acq: 12 Nov 2019 15:42

Tgt Ion: 98 Resp: 1413093

Ion Ratio Lower Upper

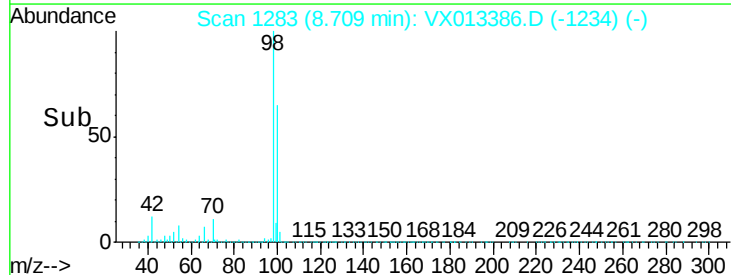
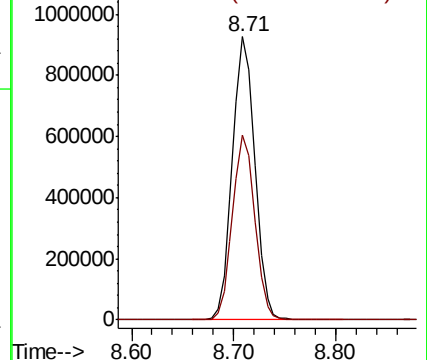
98 100

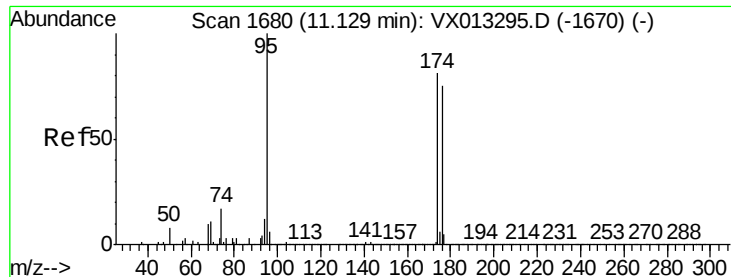
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.361 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-191111

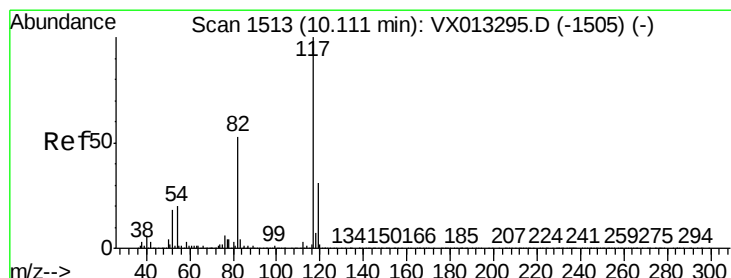
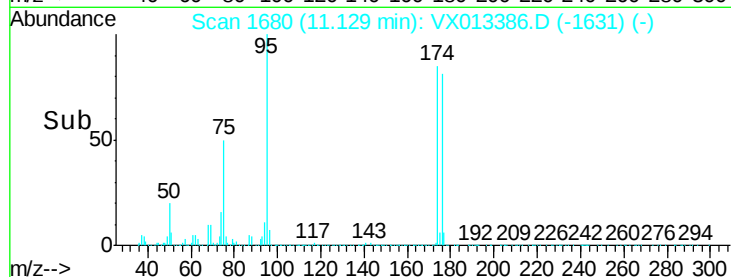
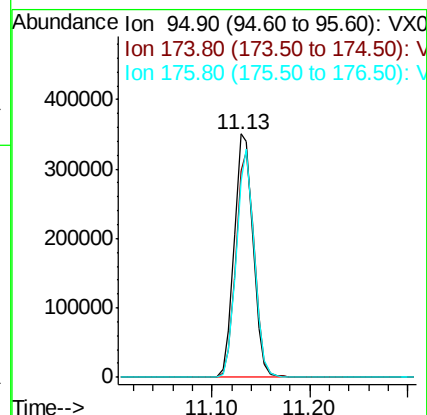
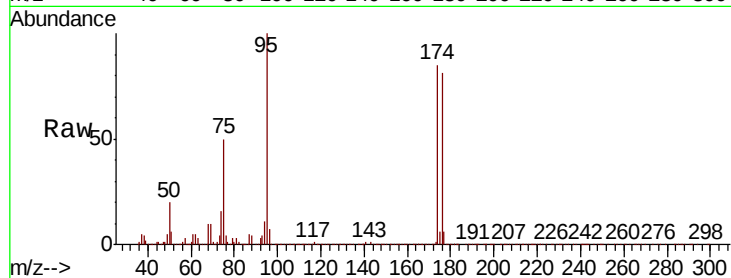
Tot Ion: 95 Resp: 468556

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.8

176 89.0 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

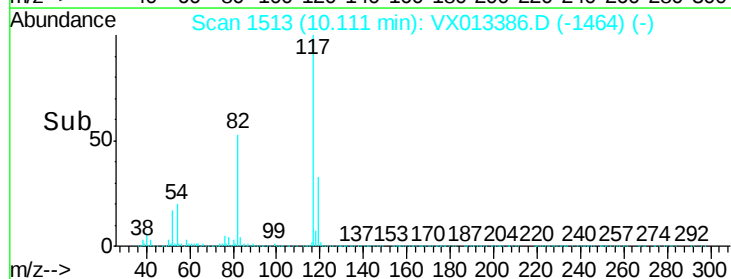
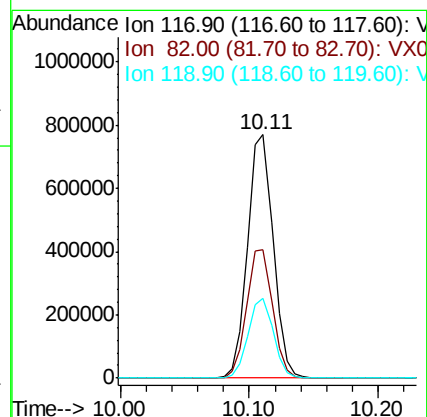
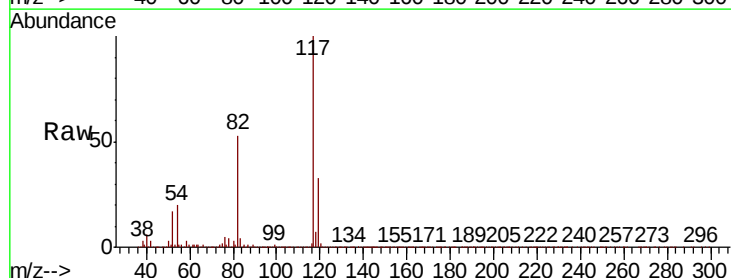
Tgt Ion: 117 Resp: 1054105

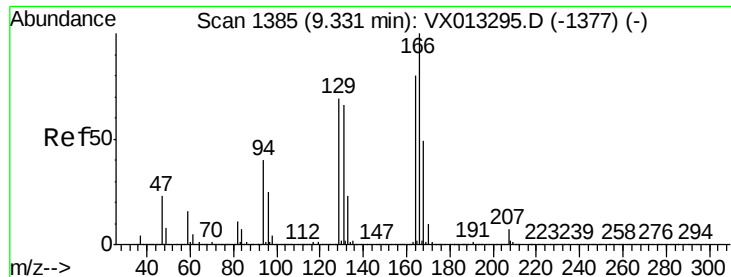
Ion Ratio Lower Upper

117 100

82 52.5 42.6 64.0

119 32.8 24.8 37.2





#64

Tetrachloroethene

Concen: 2.317 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-191111

Tot Ion:164 Resp: 17482

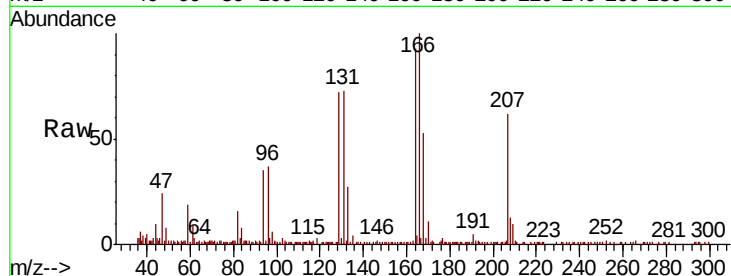
Ion Ratio Lower Upper

164 100

166 107.0 100.4 150.6

129 77.0 69.4 104.2

131 77.5 66.6 100.0

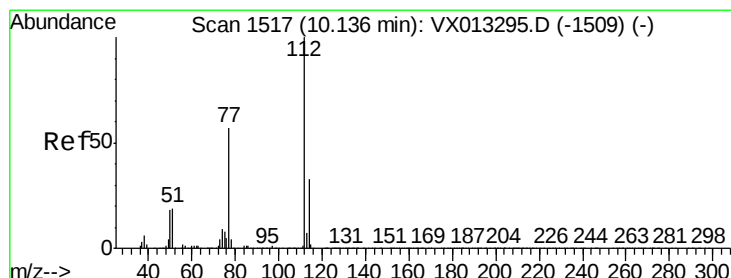
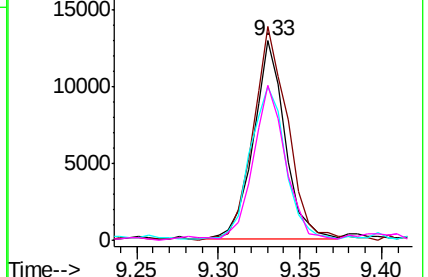
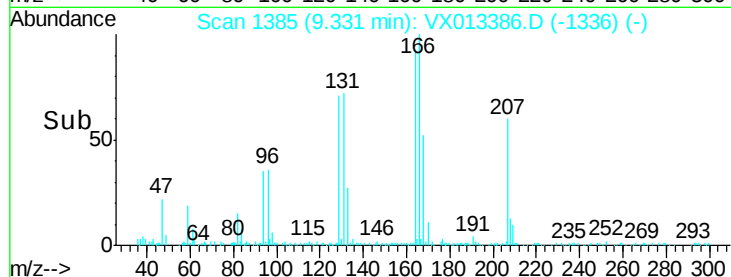


Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.841 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013386.D

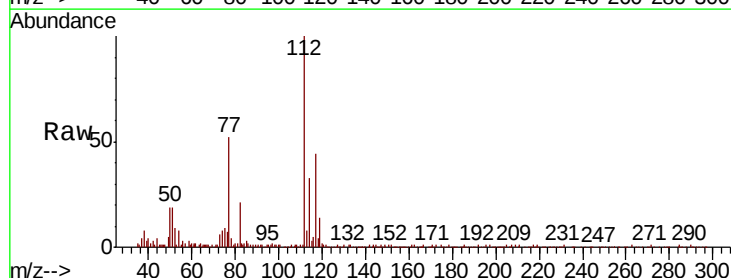
Acq: 12 Nov 2019 15:42

Tgt Ion:112 Resp: 39287

Ion Ratio Lower Upper

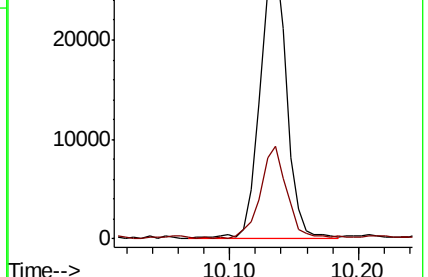
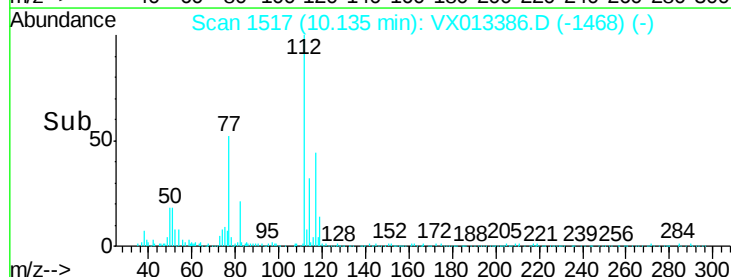
112 100

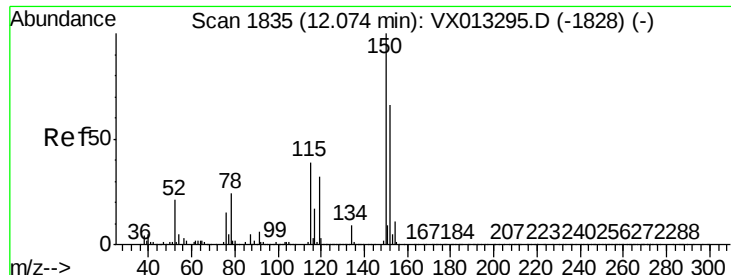
114 32.1 26.4 39.6



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: VX013386.D

Acq: 12 Nov 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-191111

Tot Ion:152 Resp: 475319

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 155.8 0.0 344.4

