

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013389.D
 Acq On : 12 Nov 2019 16:51
 Operator : JC/SP
 Sample : K5803-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-191111

Quant Time: Nov 13 03:25:53 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

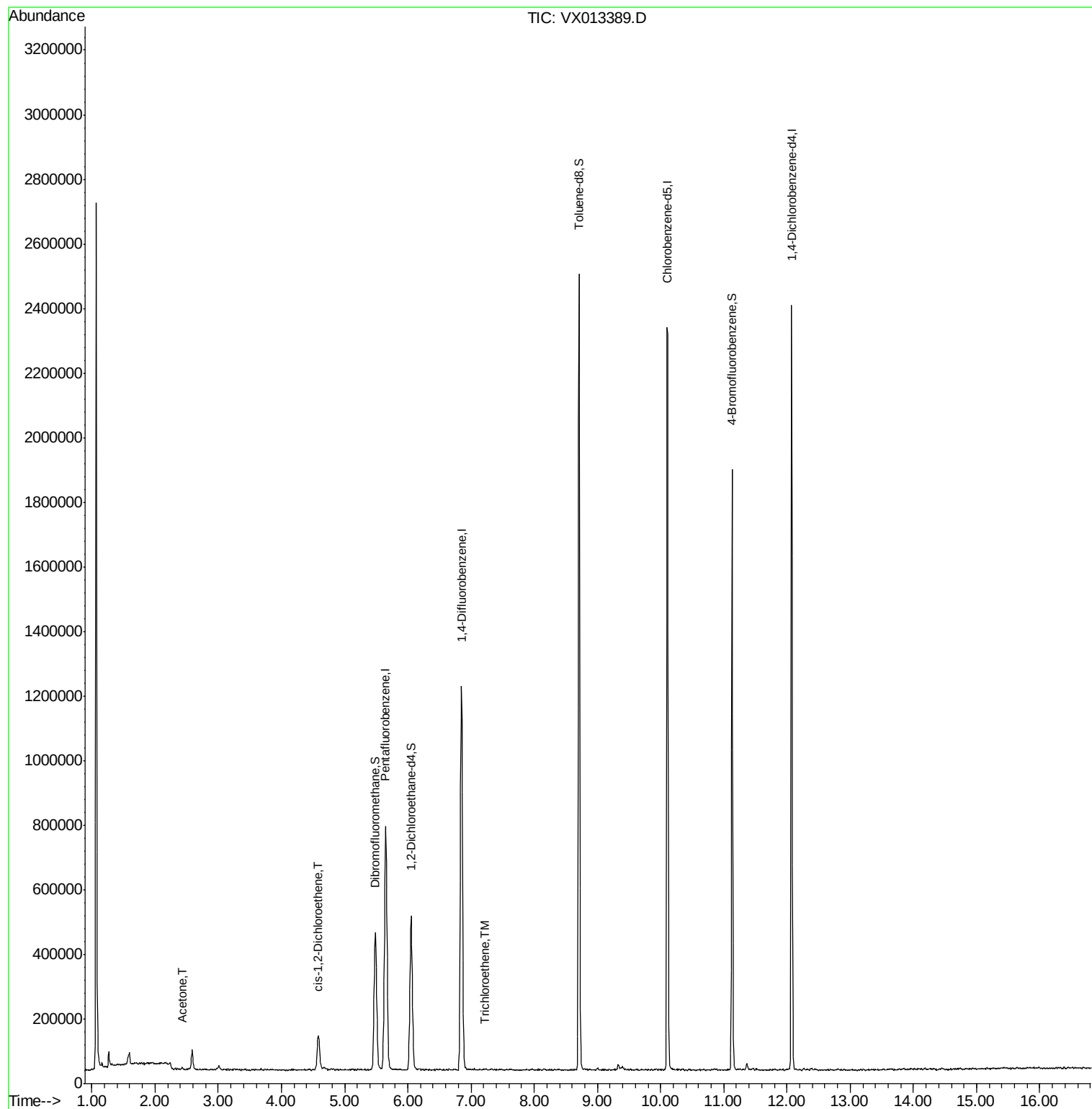
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	781601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1233329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1084530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	495576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	447921	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	5.48	113	369342	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	8.71	98	1458776	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	490782	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.43	43	9820	2.126	ug/l #	87
27) cis-1,2-Dichloroethene	4.58	96	72231	8.260	ug/l	87
44) Trichloroethene	7.22	130	3388	0.373	ug/l	74

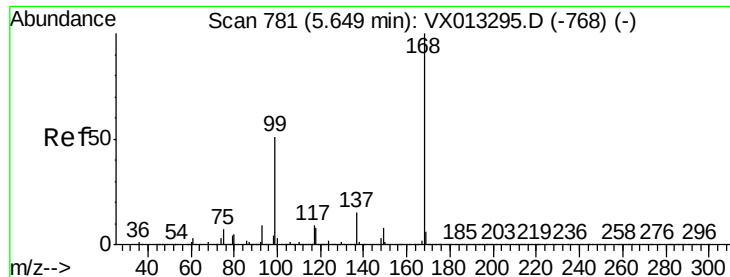
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013389.D

Acq: 12 Nov 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

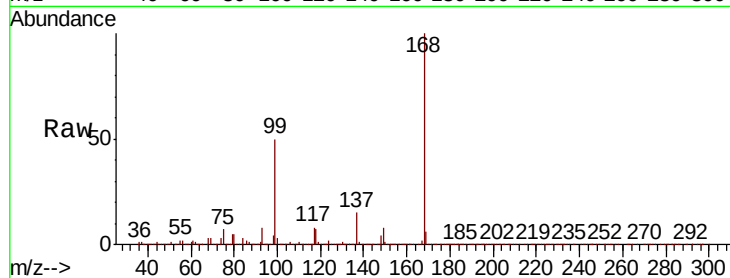
KY038PS038-191111

Tot Ion:168 Resp: 781601

Ion Ratio Lower Upper

168 100

99 50.1 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

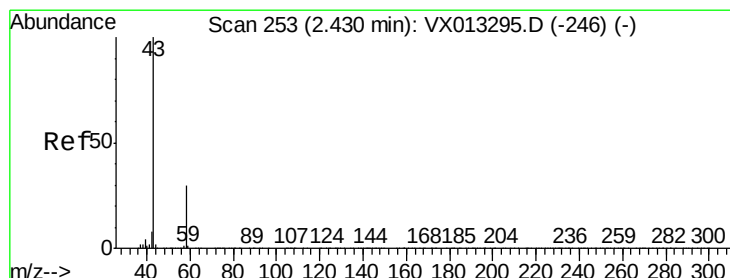
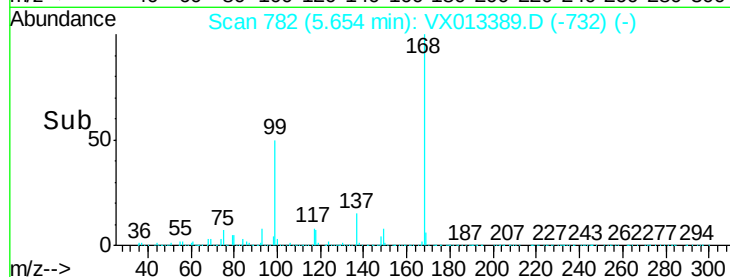
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.126 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013389.D

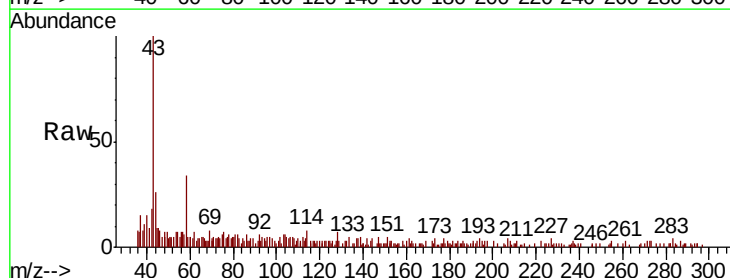
Acq: 12 Nov 2019 16:51

Tgt Ion: 43 Resp: 9820

Ion Ratio Lower Upper

43 100

58 23.4 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

5000

4000

3000

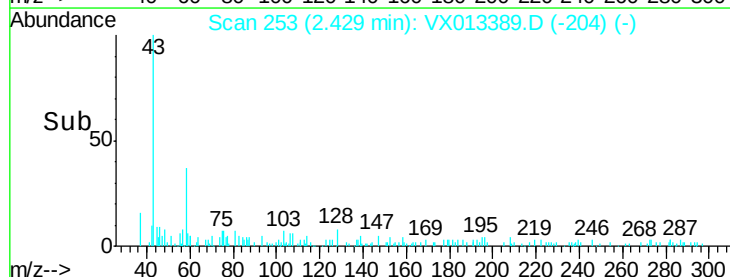
2000

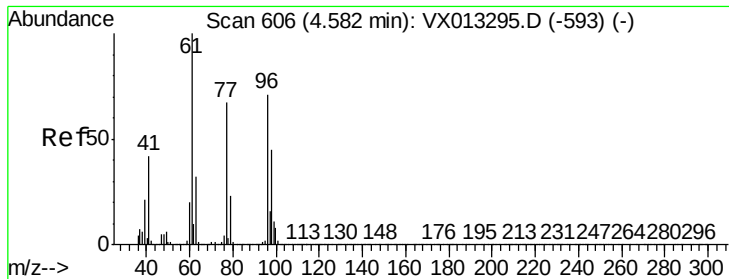
1000

0

Time-->

2.35 2.40 2.45 2.50



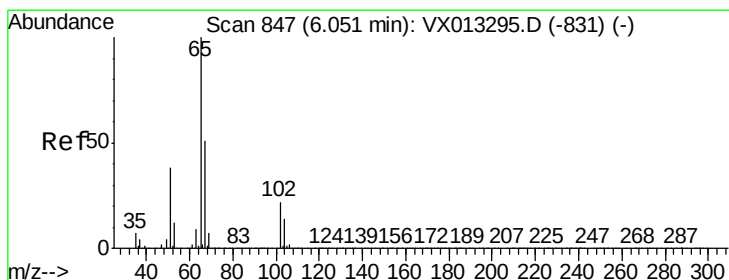
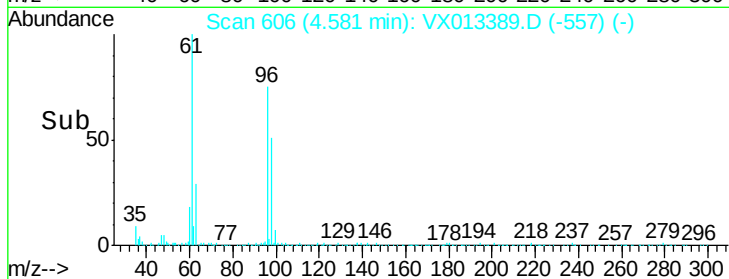
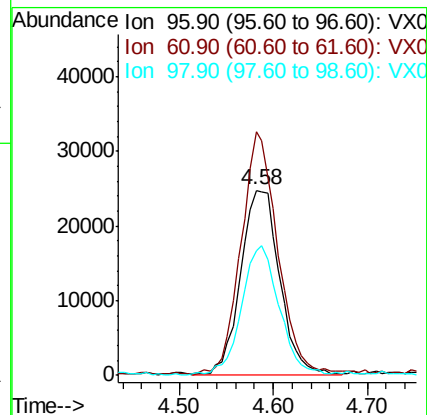
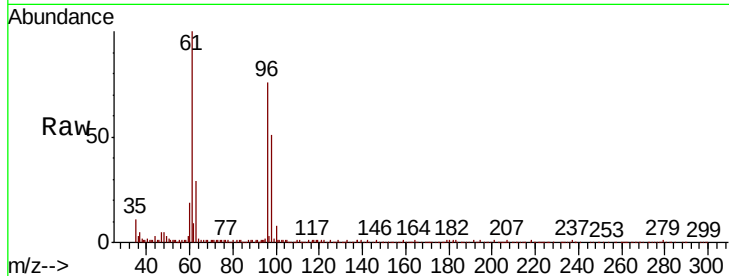


#27

cis-1,2-Dichloroethene
Concen: 8.260 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013389.D
Acq: 12 Nov 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :
KY038PS038-191111

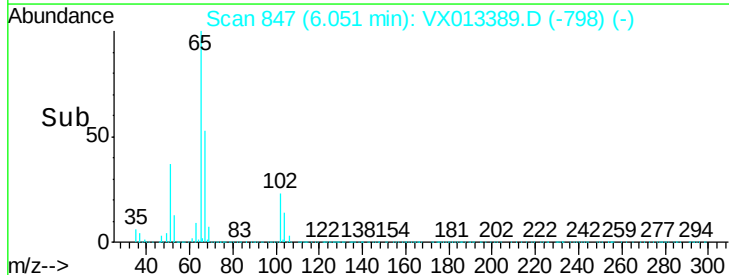
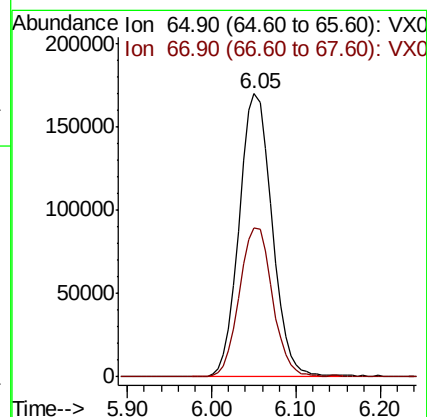
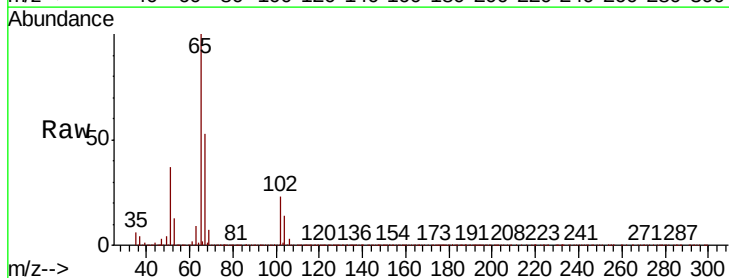
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	288.0
98	67.6	0.0	129.6

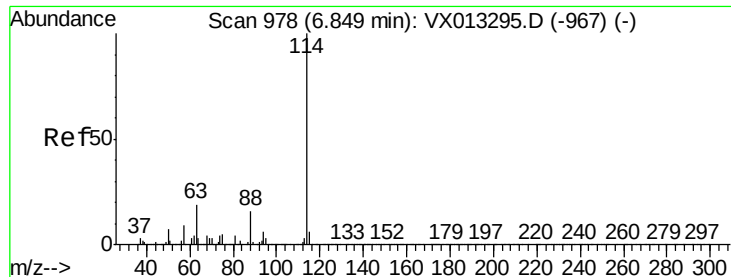


#33

1,2-Dichloroethane-d4
Concen: 48.373 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013389.D
Acq: 12 Nov 2019 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VX013389.D

Acq: 12 Nov 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-191111

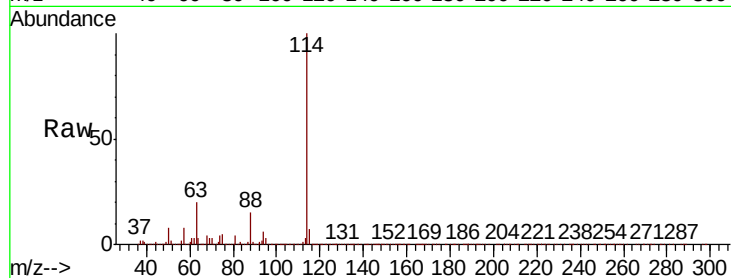
Tot Ion:114 Resp: 1233329

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

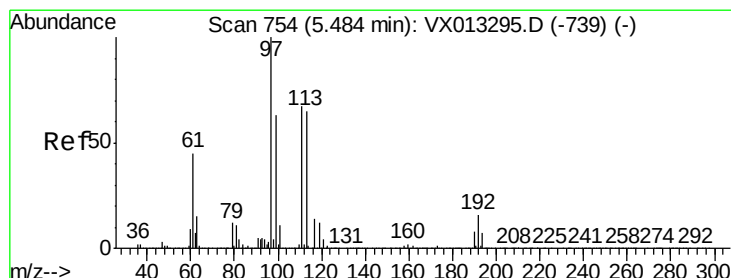
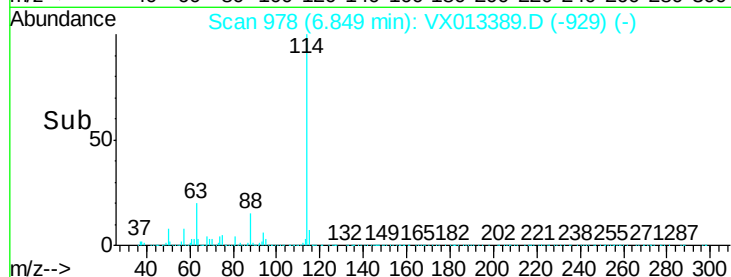
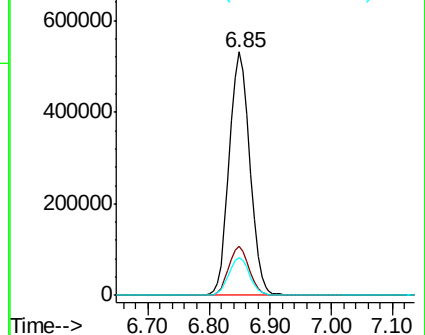
88 15.4 0.0 32.2



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: 47.746 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013389.D

Acq: 12 Nov 2019 16:51

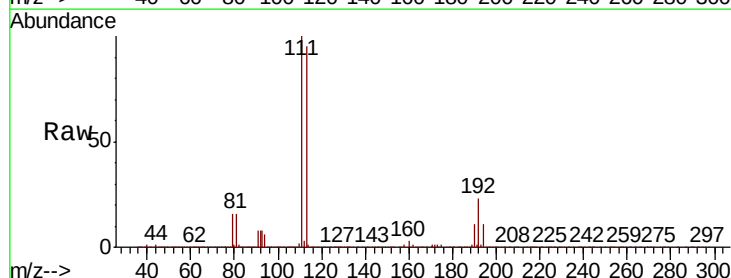
Tgt Ion:113 Resp: 369342

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

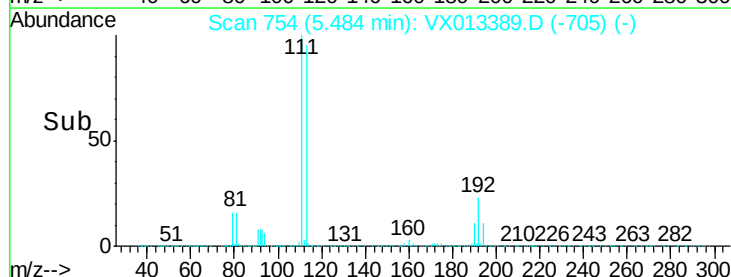
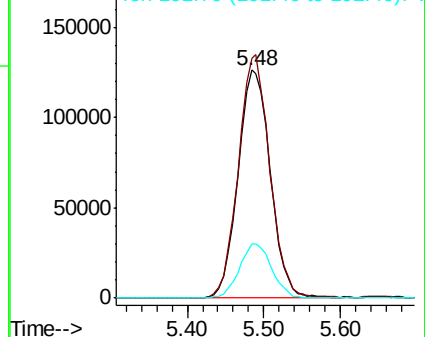
192 23.7 19.1 28.7

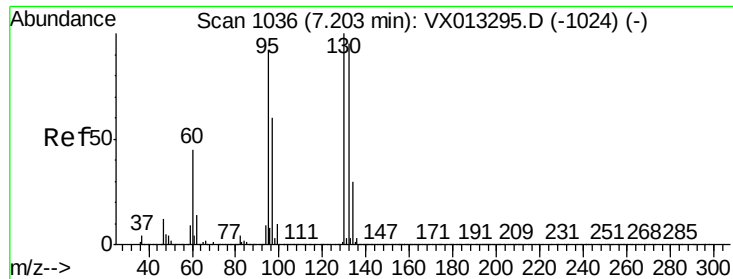


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.373 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013389.D

Acq: 12 Nov 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

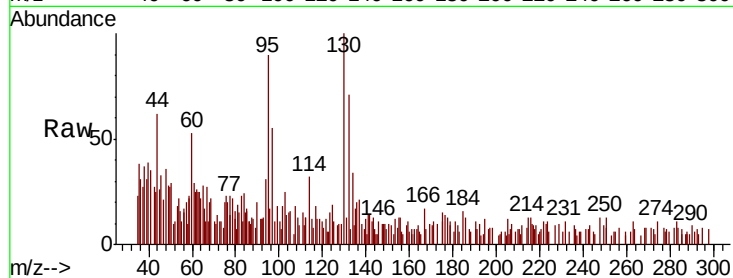
KY038PS038-191111

Tot Ion:130 Resp: 3388

Ion Ratio Lower Upper

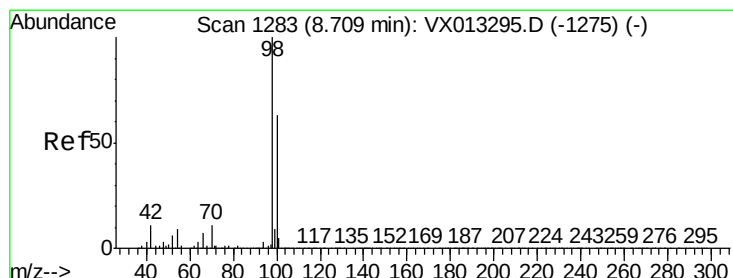
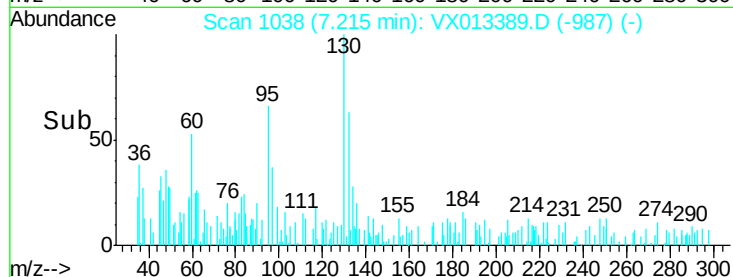
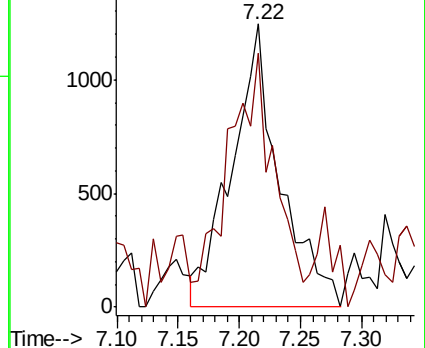
130 100

95 67.6 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: 50.023 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013389.D

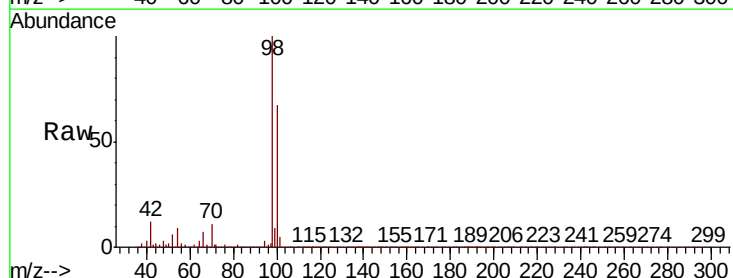
Acq: 12 Nov 2019 16:51

Tgt Ion: 98 Resp: 1458776

Ion Ratio Lower Upper

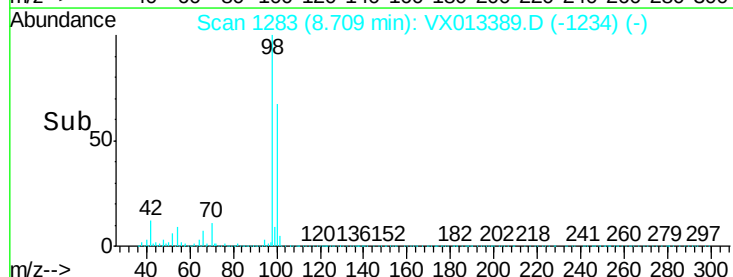
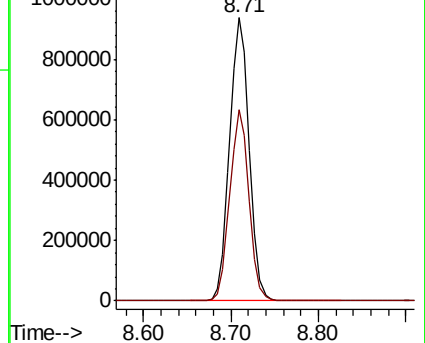
98 100

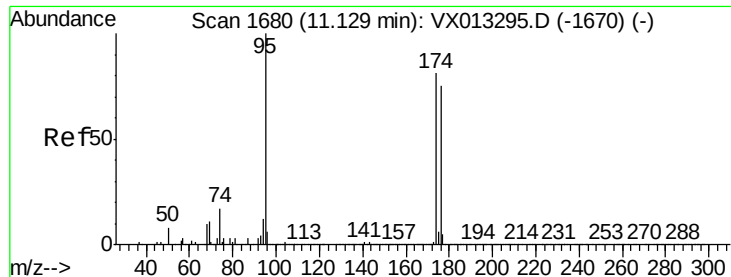
100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.631 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013389.D

Acq: 12 Nov 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-191111

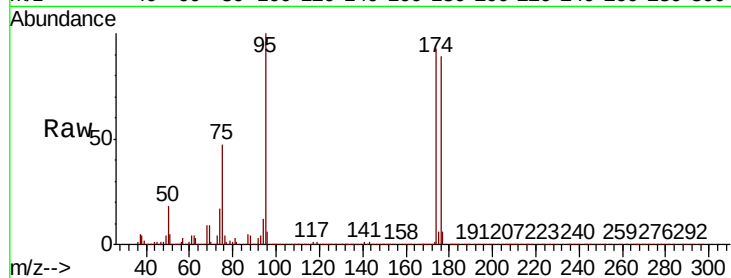
Tot Ion: 95 Resp: 490782

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.8

176 87.0 0.0 173.0

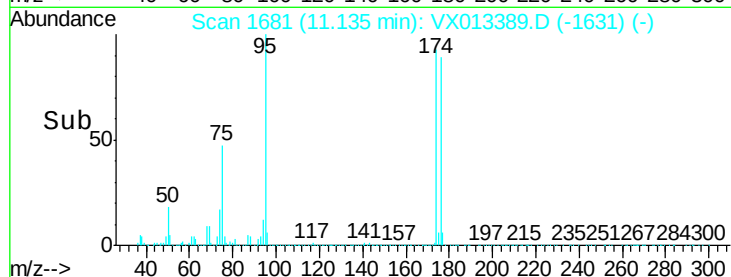


Abundance Ion 94.90 (94.60 to 95.60): VX0

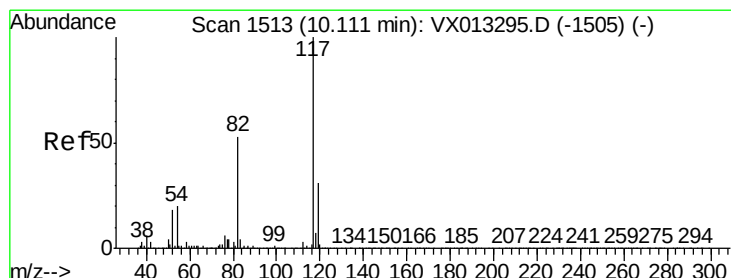
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013389.D

Acq: 12 Nov 2019 16:51

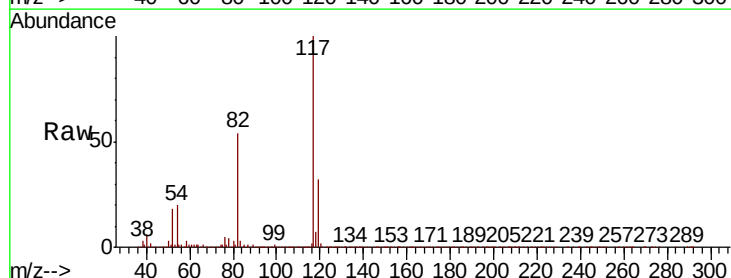
Tgt Ion: 117 Resp: 1084530

Ion Ratio Lower Upper

117 100

82 53.6 42.6 64.0

119 31.5 24.8 37.2

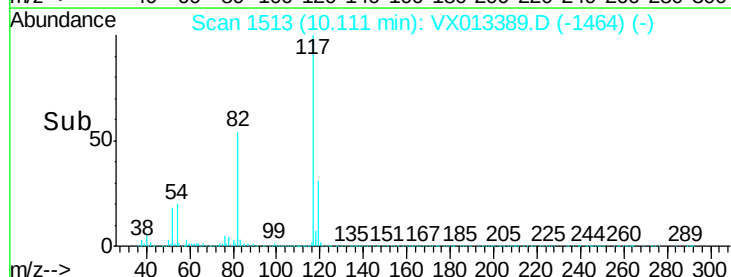


Abundance Ion 116.90 (116.60 to 117.60): V

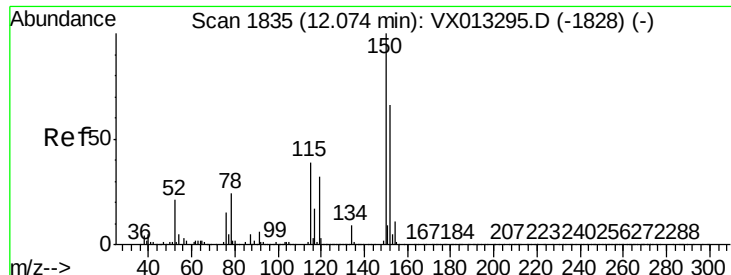
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013389.D

Acq: 12 Nov 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-191111

Tot Ion:152 Resp: 495576

Ion Ratio Lower Upper

152 100

115 55.2 39.5 118.3

150 157.6 0.0 344.4

