

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011862.D
 Acq On : 27 Aug 2019 19:58
 Operator : JC/SP
 Sample : K4567-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8-GW

Quant Time: Aug 28 04:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

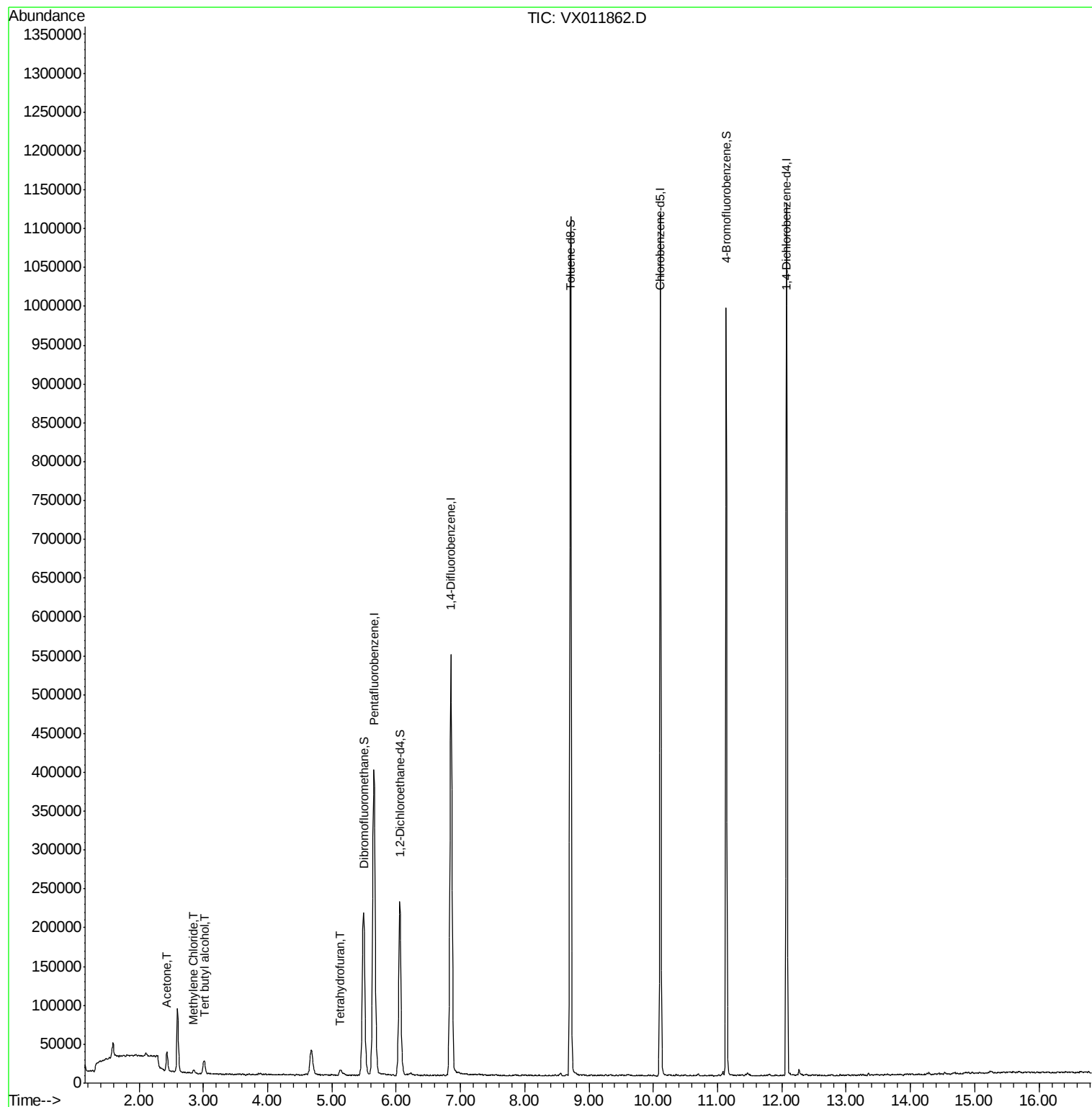
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	406880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	561833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	209930	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	5.49	113	174113	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	644428	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	237684	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	11286	13.973	ug/l #	81
16) Acetone	2.43	43	26314	14.800	ug/l	98
20) Methylene Chloride	2.85	84	2376	0.654	ug/l #	84
29) Tetrahydrofuran	5.13	42	6501	3.974	ug/l #	89

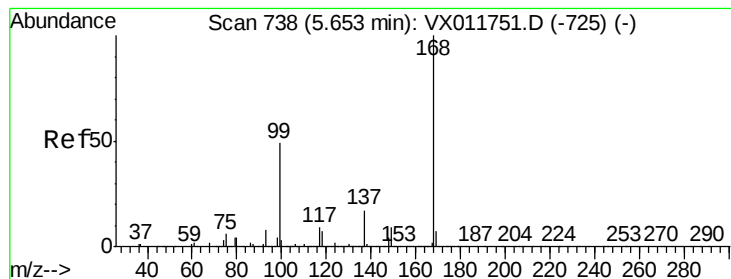
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011862.D

Acq: 27 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

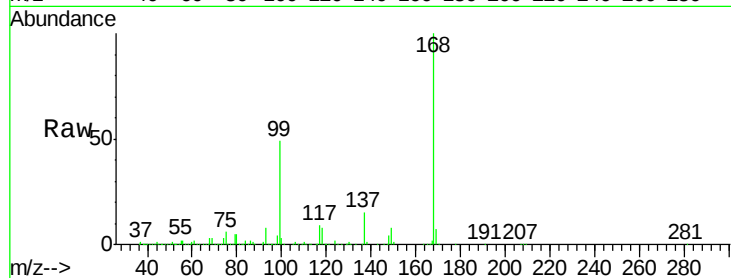
TP-8-GW

Tot Ion:168 Resp: 406880

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

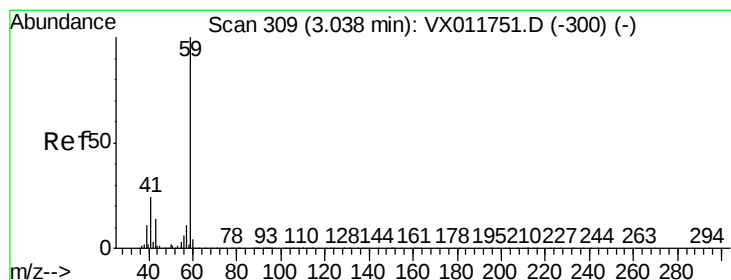
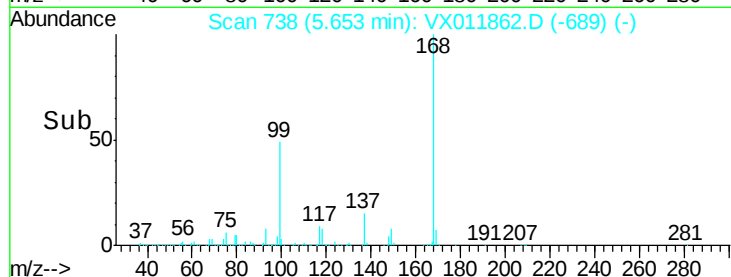
100000

50000

0

5.60 5.80

Time-->



#11

Tert butyl alcohol

Concen: 13.973 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.02 min

Lab File: VX011862.D

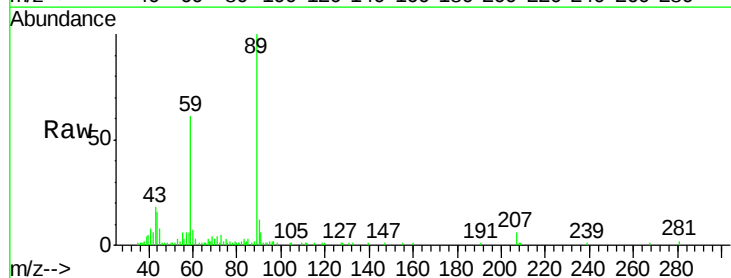
Acq: 27 Aug 2019 19:58

Tgt Ion: 59 Resp: 11286

Ion Ratio Lower Upper

59 100

57 3.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

5000

4000

3000

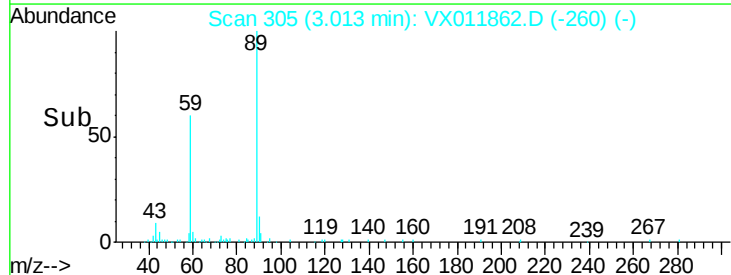
2000

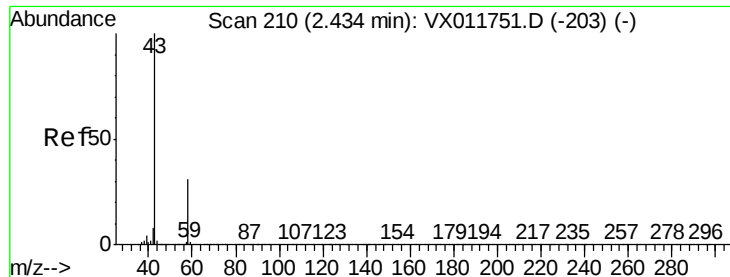
1000

0

2.90 3.00 3.10

Time-->





#16

Acetone

Concen: 14.800 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011862.D

Acq: 27 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

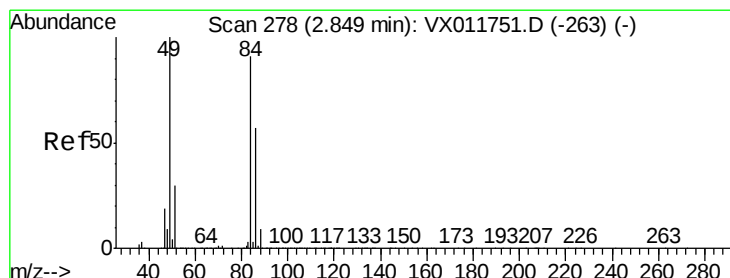
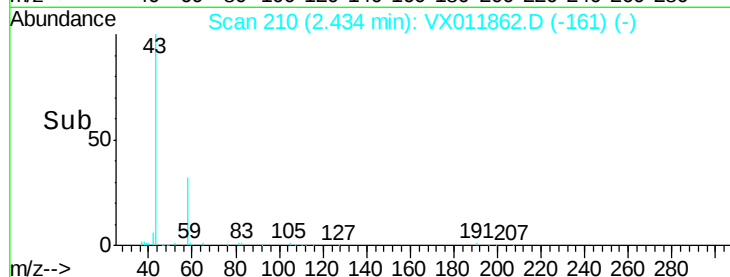
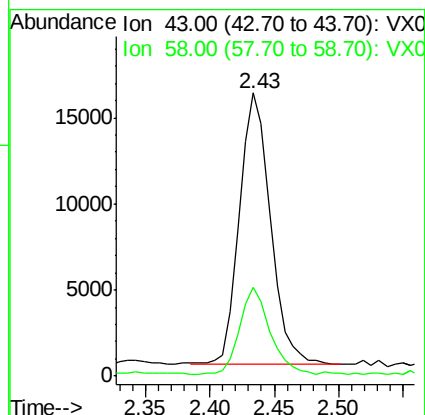
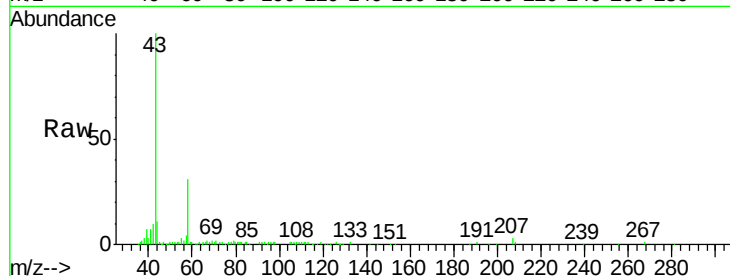
TP-8-GW

Tot Ion: 43 Resp: 26314

Ion Ratio Lower Upper

43 100

58 31.8 24.4 36.6



#20

Methylene Chloride

Concen: 0.654 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011862.D

Acq: 27 Aug 2019 19:58

Tgt Ion: 84 Resp: 2376

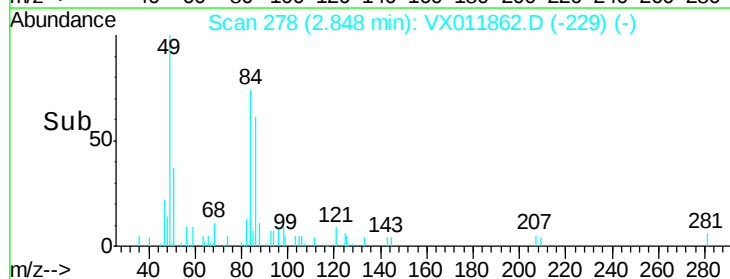
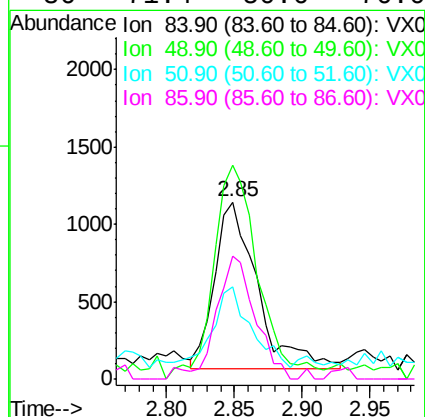
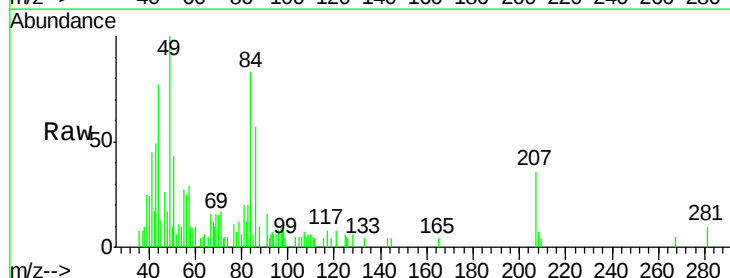
Ion Ratio Lower Upper

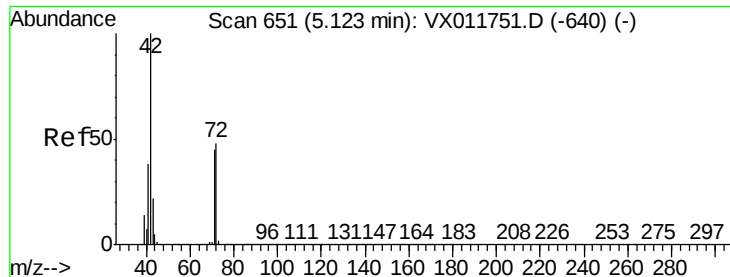
84 100

49 126.2 88.3 132.5

51 49.2 26.2 39.2#

86 71.4 50.6 76.0

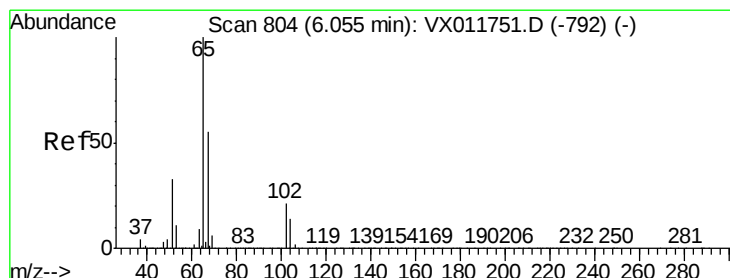
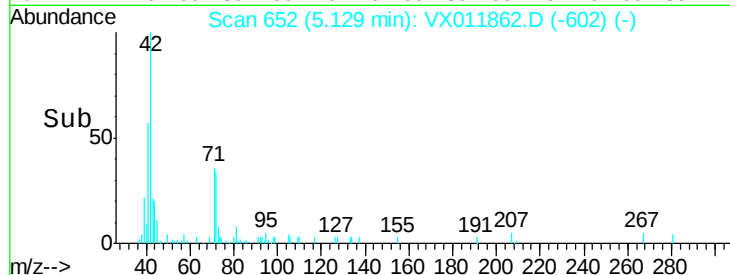
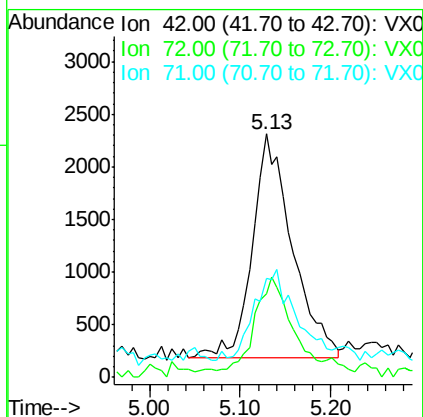
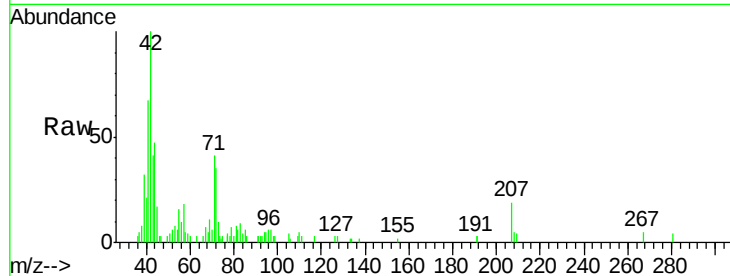




#29
Tetrahydrofuran
Concen: 3.974 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.01 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

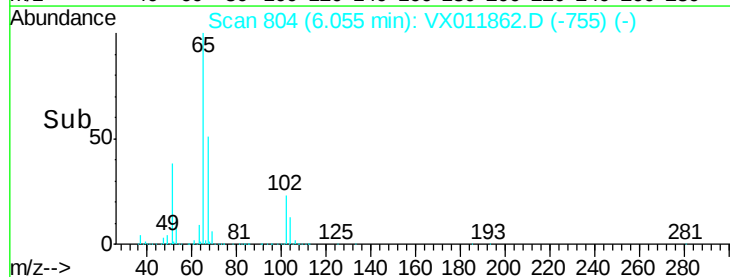
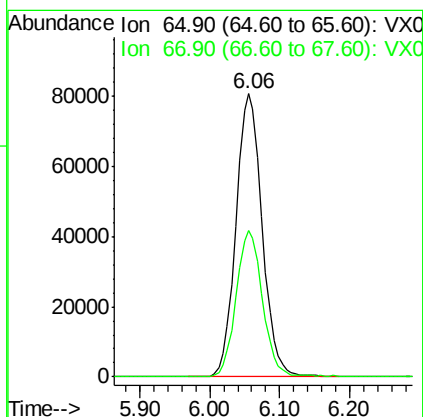
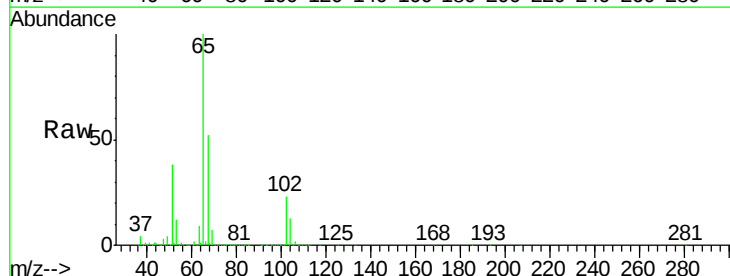
Instrument :
MSVOA_X
ClientSampled :
TP-8-GW

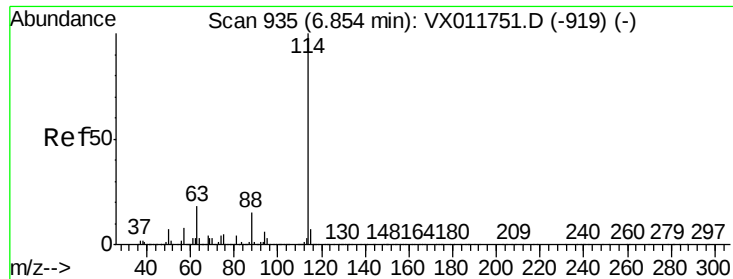
Tot Ion: 42 Resp: 6501
Ion Ratio Lower Upper
42 100
72 37.3 37.6 56.4#
71 38.5 34.6 51.8



#33
1,2-Dichloroethane-d4
Concen: 51.361 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

Tgt Ion: 65 Resp: 209930
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011862.D

Acq: 27 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

TP-8-GW

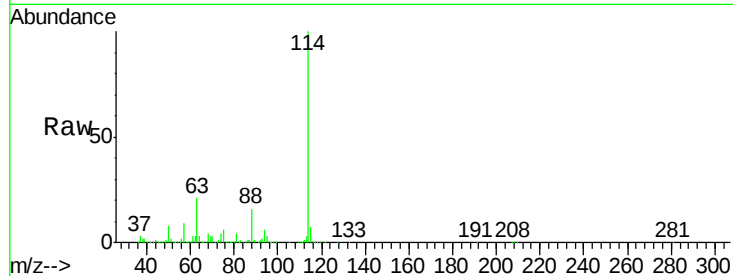
Tot Ion:114 Resp: 561833

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 16.2 0.0 30.2



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

300000

250000

200000

150000

100000

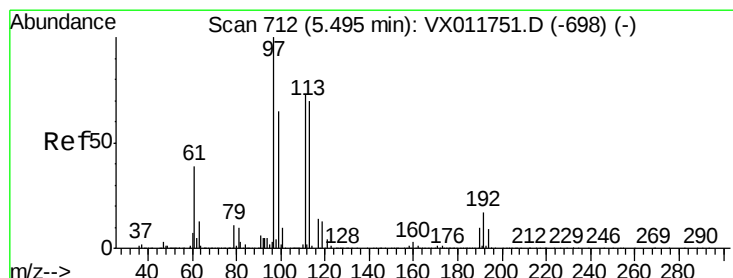
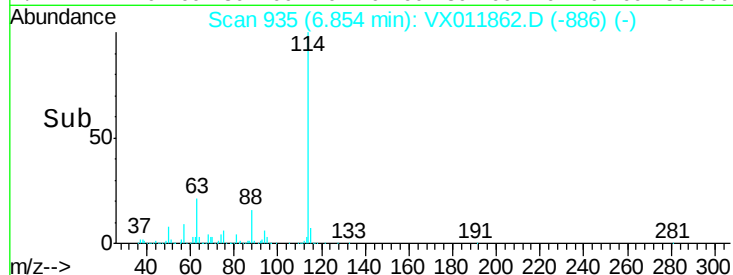
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011862.D

Acq: 27 Aug 2019 19:58

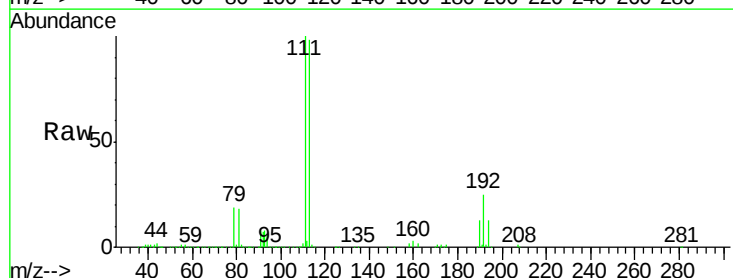
Tgt Ion:113 Resp: 174113

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

192 25.8 19.9 29.9



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

80000

60000

40000

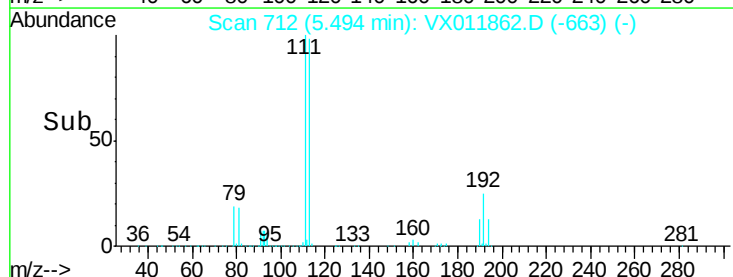
20000

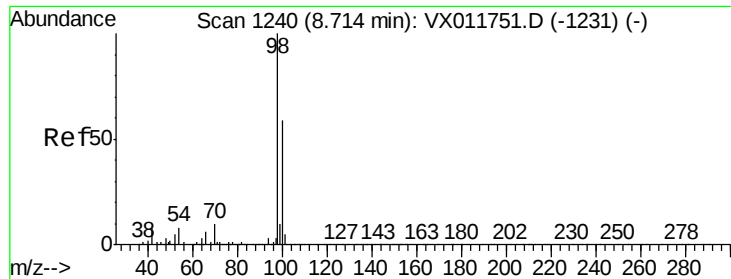
0

5.49

5.40 5.50 5.60

Time-->

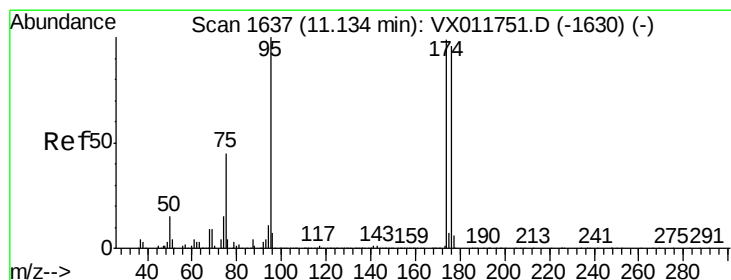
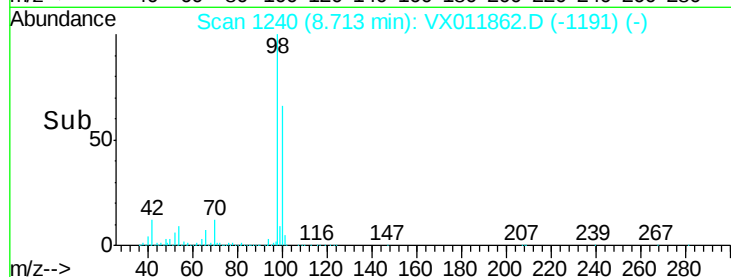
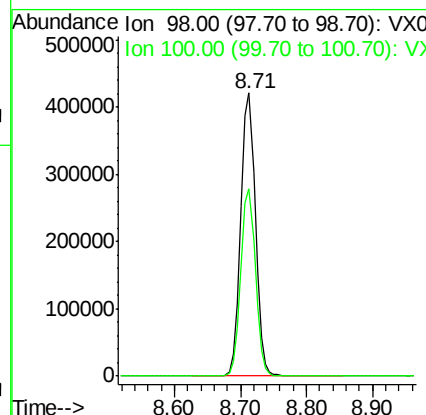
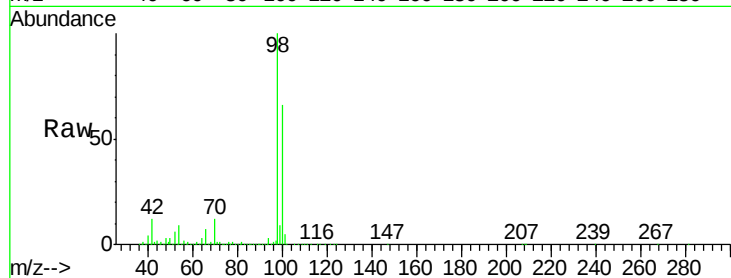




#50
Toluene-d8
Concen: 50.854 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

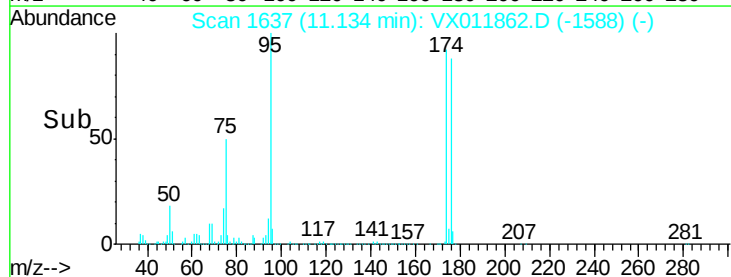
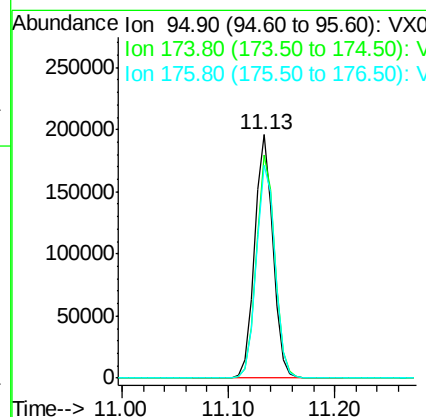
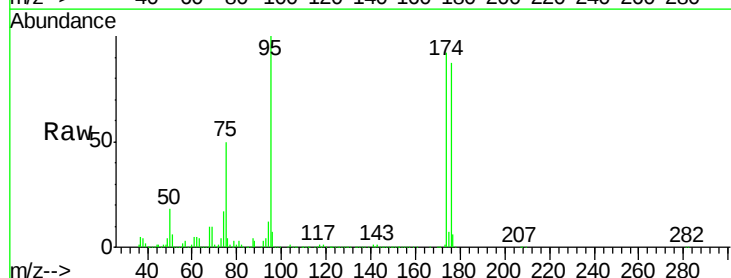
Instrument :
MSVOA_X
ClientSampleId :
TP-8-GW

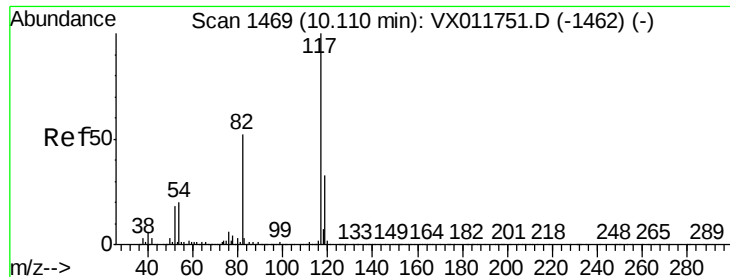
Tot Ion: 98 Resp: 644428
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.454 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

Tgt Ion: 95 Resp: 237684
Ion Ratio Lower Upper
95 100
174 92.5 0.0 197.4
176 89.5 0.0 194.4

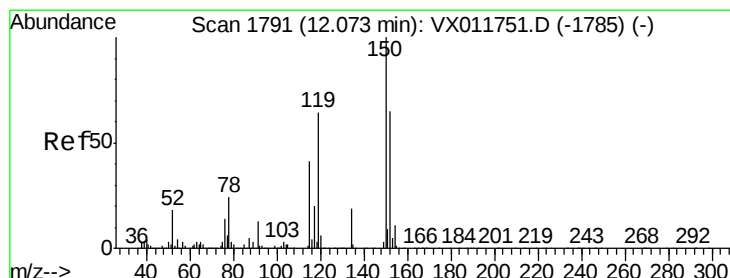
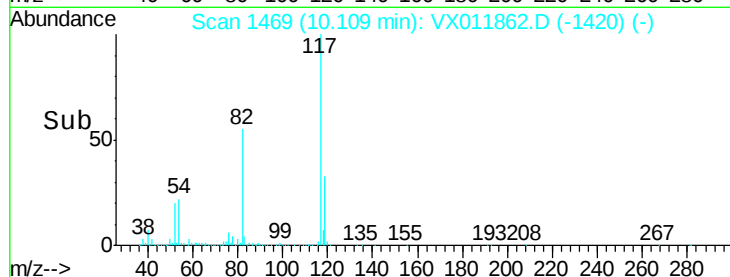
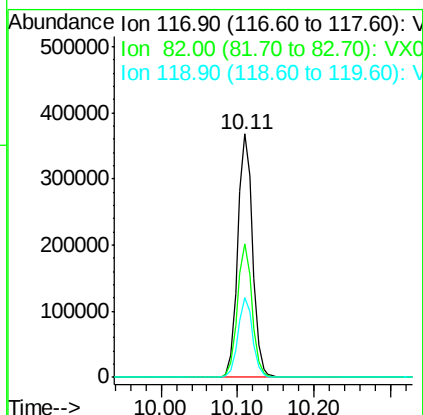
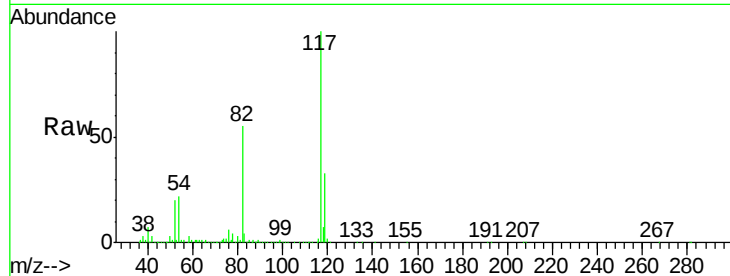




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
TP-8-GW

Tot Ion:117 Resp: 492241
Ion Ratio Lower Upper
117 100
82 54.6 41.7 62.5
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011862.D
Acq: 27 Aug 2019 19:58

Tgt Ion:152 Resp: 239014
Ion Ratio Lower Upper
152 100
115 54.9 37.3 111.8
150 156.8 0.0 343.0

