

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005986.D
 Acq On : 14 Nov 2018 20:35
 Operator : JC/MD
 Sample : J5921-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-TANK2-N48963

Quant Time: Nov 15 03:14:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

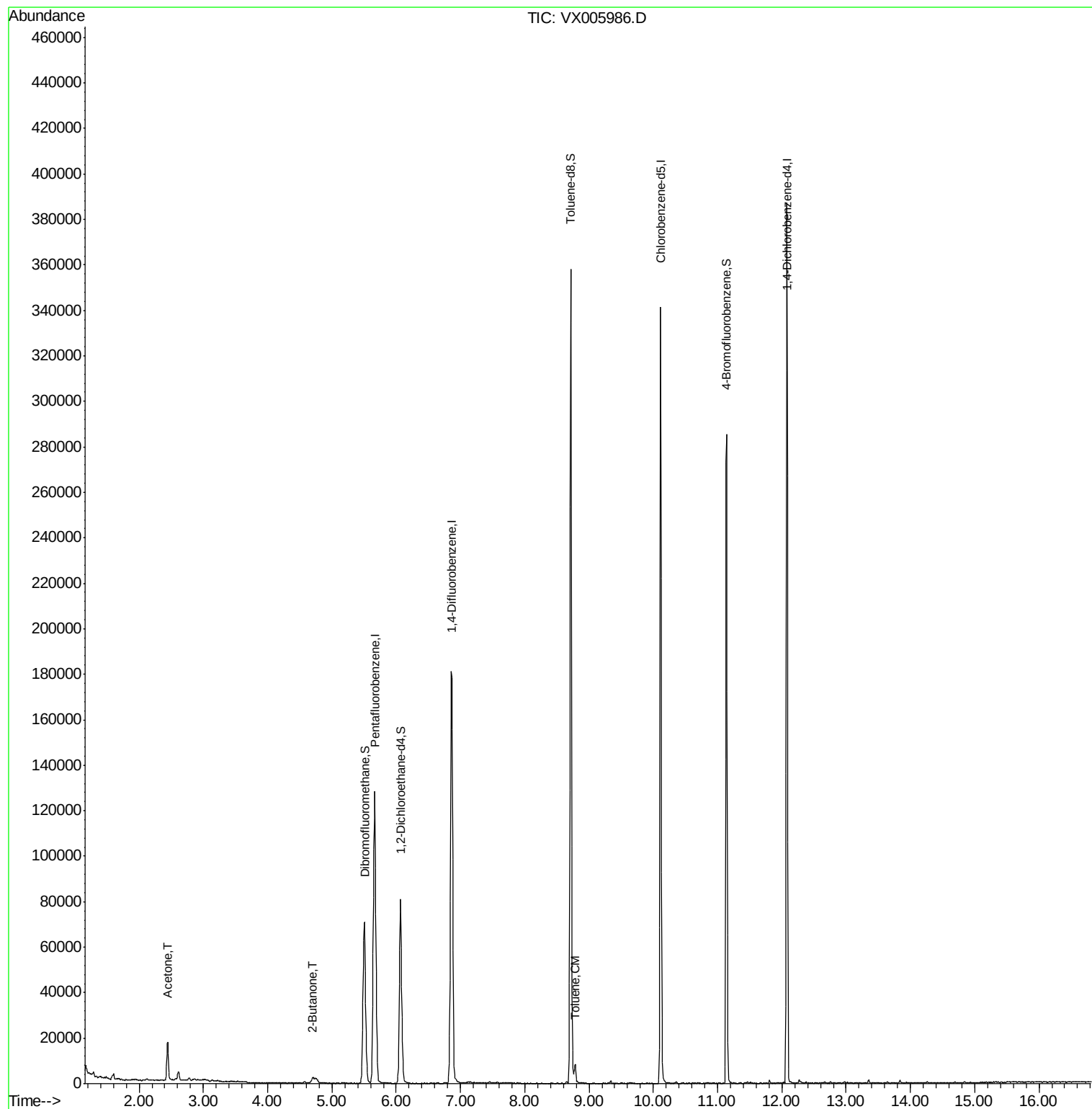
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	127113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191328	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.12	117	162359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74108	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	5.51	113	59149	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
50) Toluene-d8	8.71	98	215622	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.14	95	74537	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
16) Acetone	2.44	43	18371	23.35	ug/l	99
25) 2-Butanone	4.70	43	5010	4.05	ug/l	100
52) Toluene	8.79	92	2567	0.85	ug/l	99

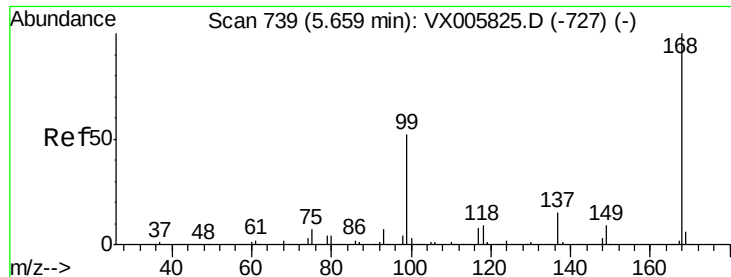
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005986.D

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Instrument :

MSVOA_X

ClientSampleId :

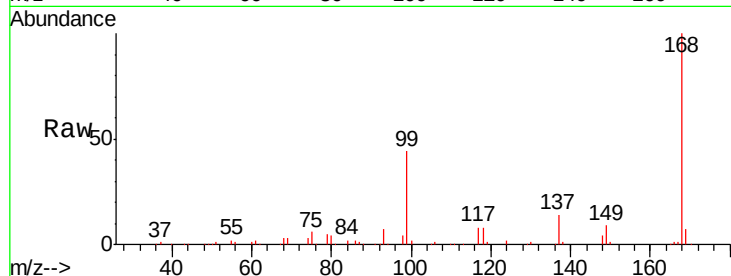
SP-TANK2-N48963

Tgt Ion:168 Resp: 127113

Ion Ratio Lower Upper

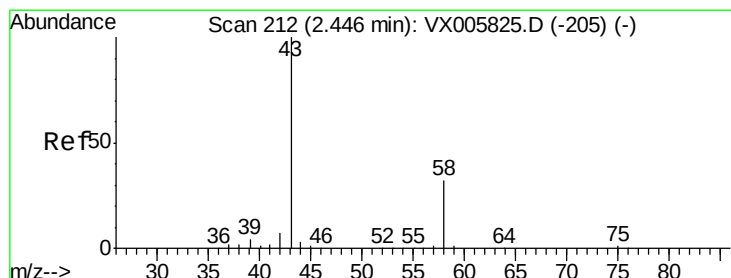
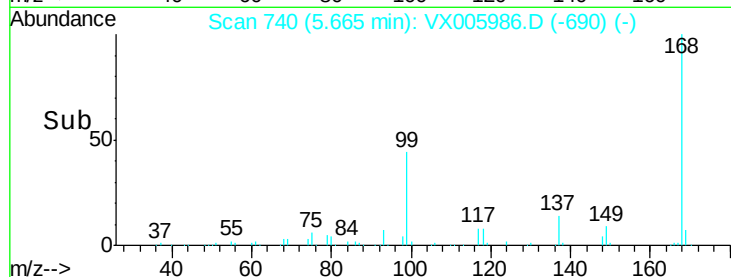
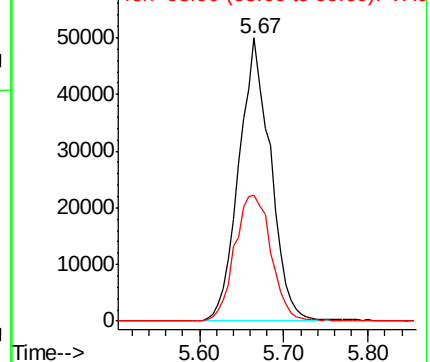
168 100

99 44.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 23.35 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005986.D

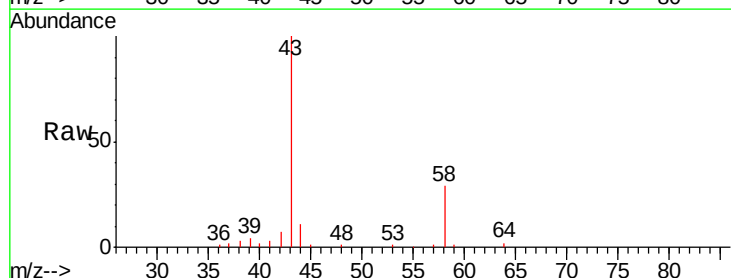
Acq: 14 Nov 2018 20:35

Tgt Ion: 43 Resp: 18371

Ion Ratio Lower Upper

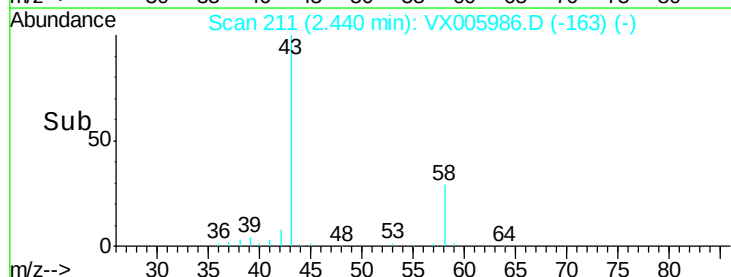
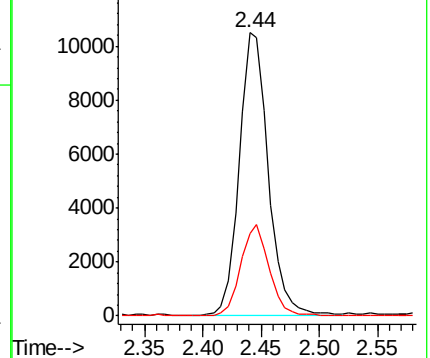
43 100

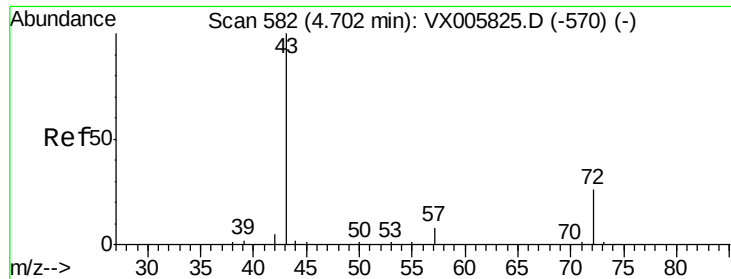
58 29.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 4.05 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005986.D

Acq: 14 Nov 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

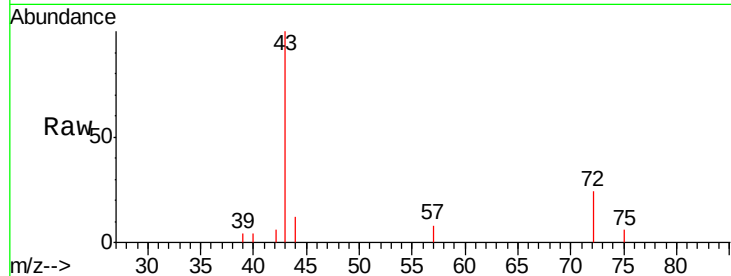
SP-TANK2-N48963

Tgt Ion: 43 Resp: 5010

Ion Ratio Lower Upper

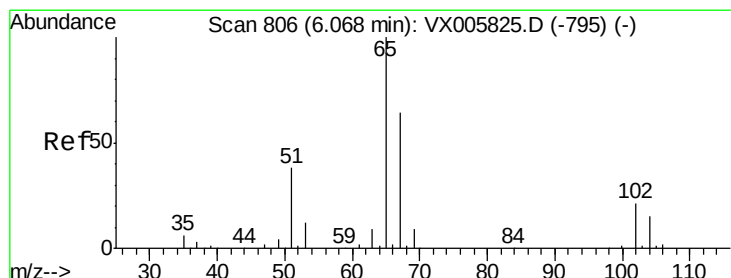
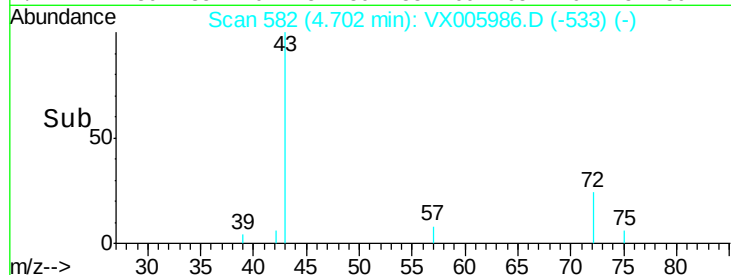
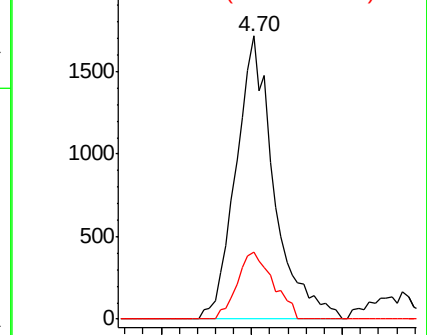
43 100

72 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005986.D

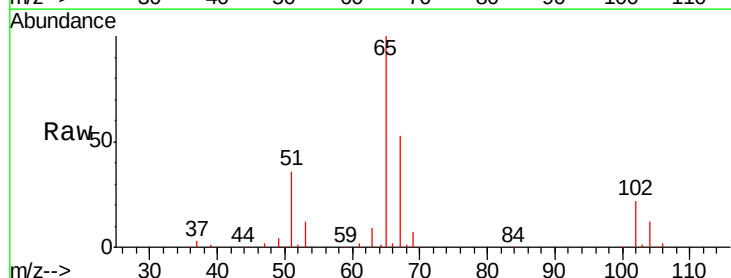
Acq: 14 Nov 2018 20:35

Tgt Ion: 65 Resp: 74108

Ion Ratio Lower Upper

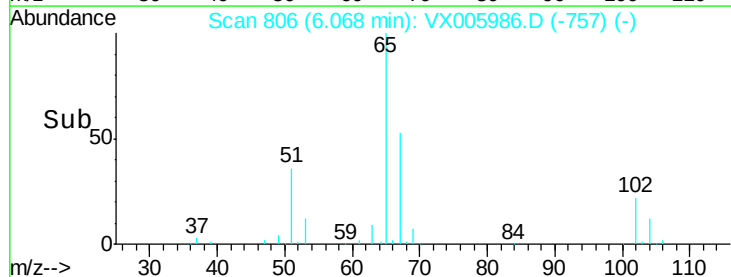
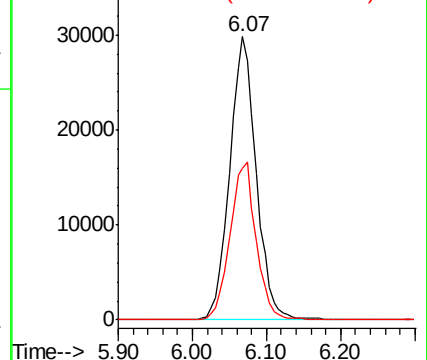
65 100

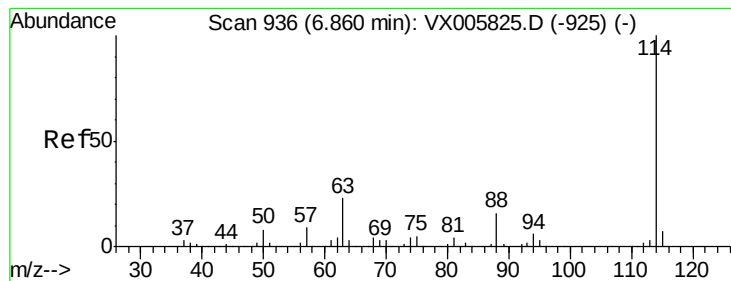
67 55.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 938

Delta R.T. 0.01 min

Lab File: VX005986.D

Acq: 14 Nov 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

SP-TANK2-N48963

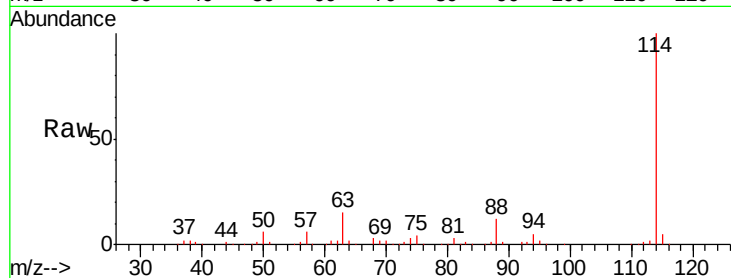
Tgt Ion:114 Resp: 191328

Ion Ratio Lower Upper

114 100

63 15.0 0.0 42.8

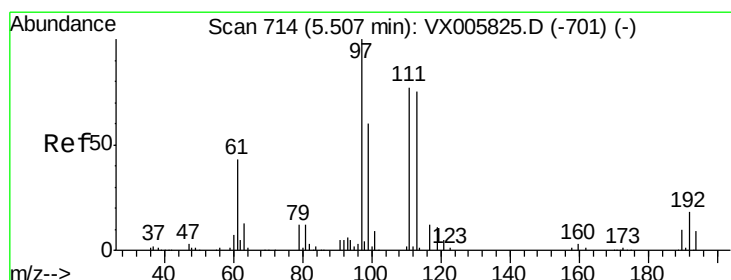
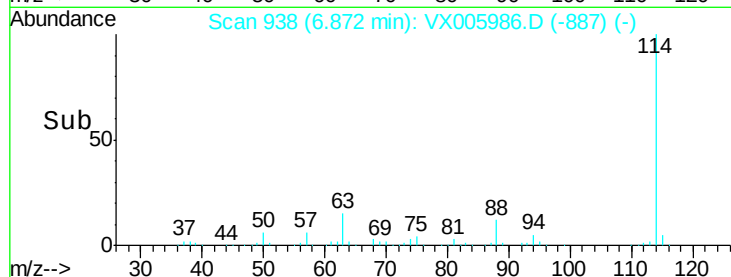
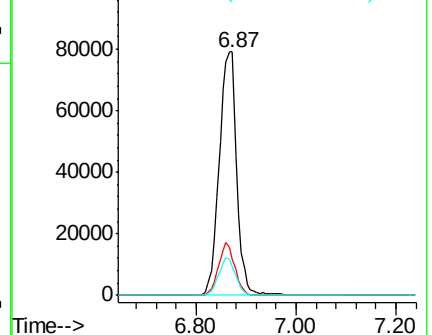
88 11.7 0.0 31.2



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: 45.45 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005986.D

Acq: 14 Nov 2018 20:35

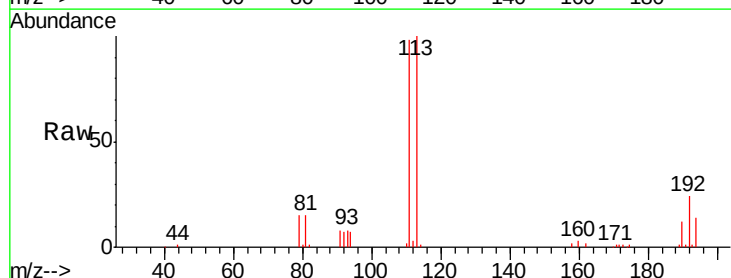
Tgt Ion:113 Resp: 59149

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

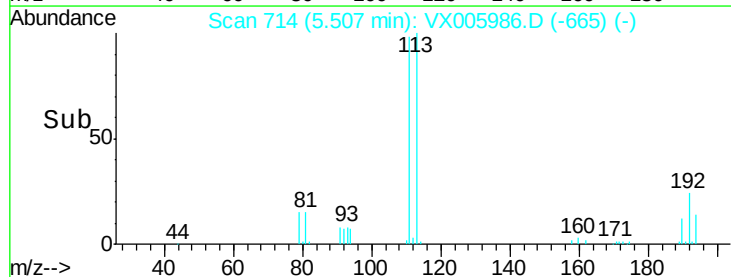
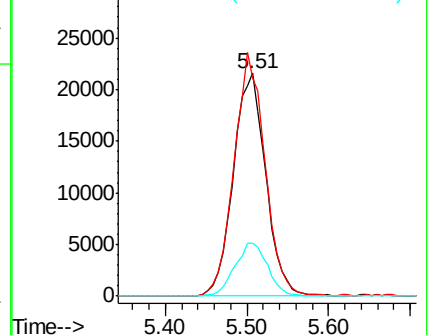
192 24.2 17.9 26.9

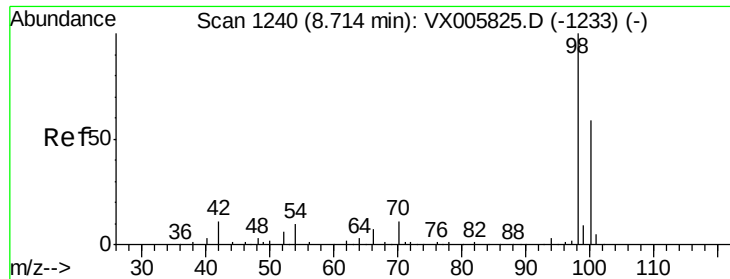


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

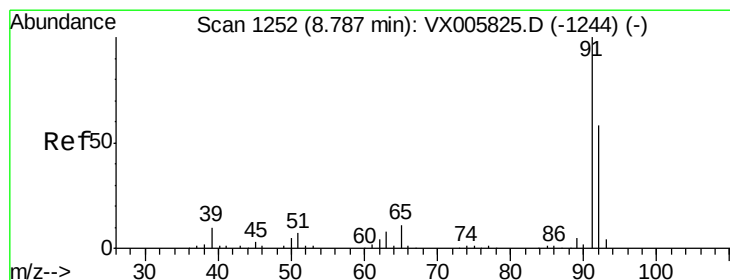
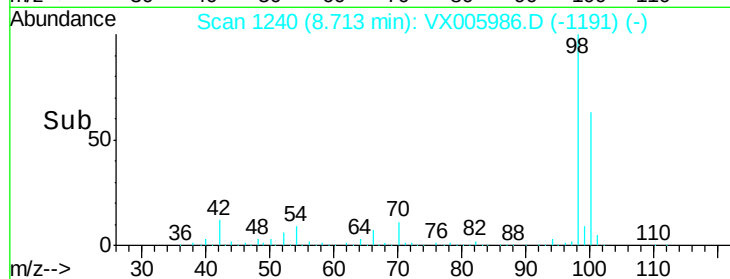
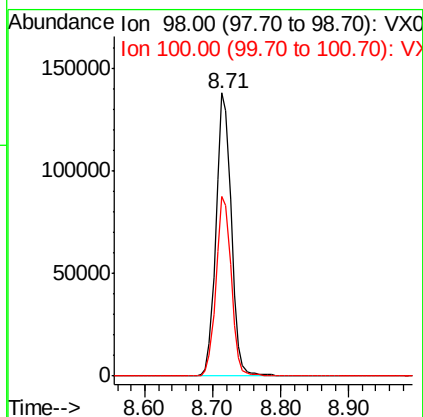
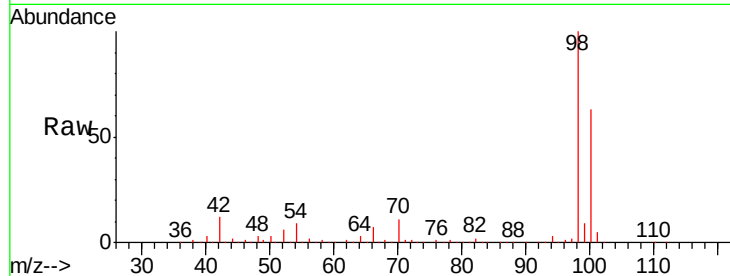




#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005986.D
Acq: 14 Nov 2018 20:35

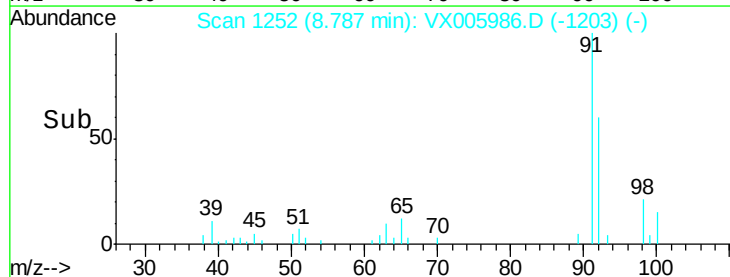
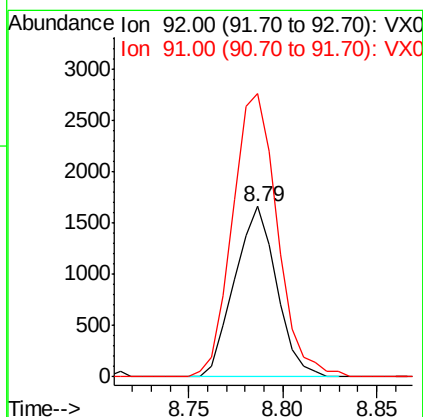
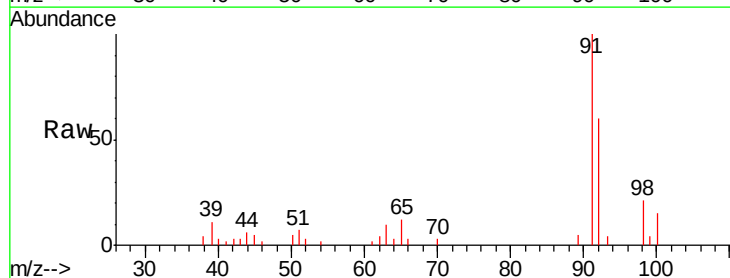
Instrument :
MSVOA_X
ClientSampleId :
SP-TANK2-N48963

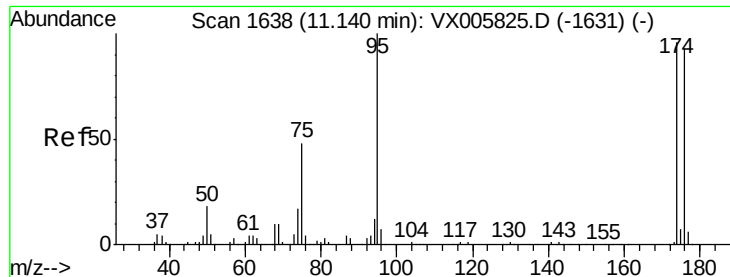
Tgt Ion: 98 Resp: 215622
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#52
Toluene
Concen: 0.85 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005986.D
Acq: 14 Nov 2018 20:35

Tgt Ion: 92 Resp: 2567
Ion Ratio Lower Upper
92 100
91 177.3 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 47.92 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005986.D

Acq: 14 Nov 2018 20:35

Instrument :

MSVOA_X

ClientSampleId :

SP-TANK2-N48963

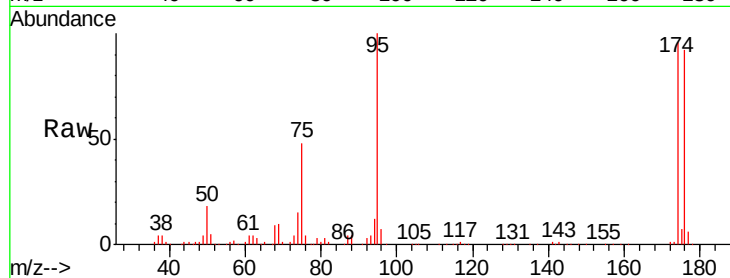
Tgt Ion: 95 Resp: 74537

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

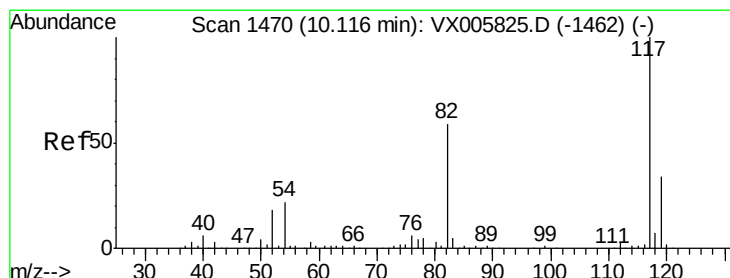
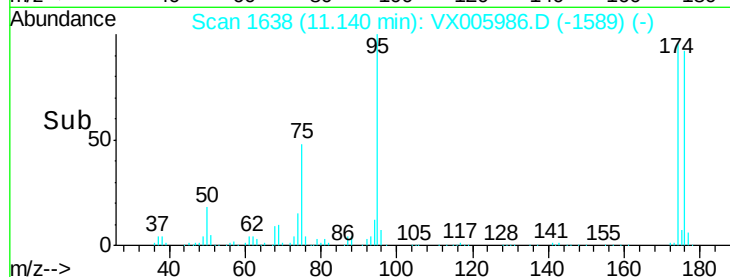
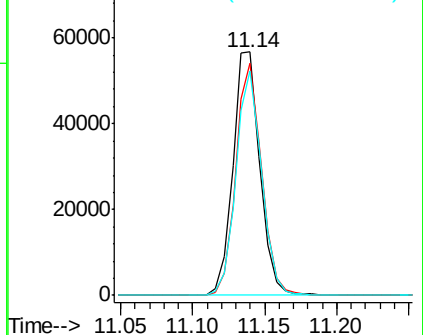
176 87.7 0.0 177.4



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005986.D

Acq: 14 Nov 2018 20:35

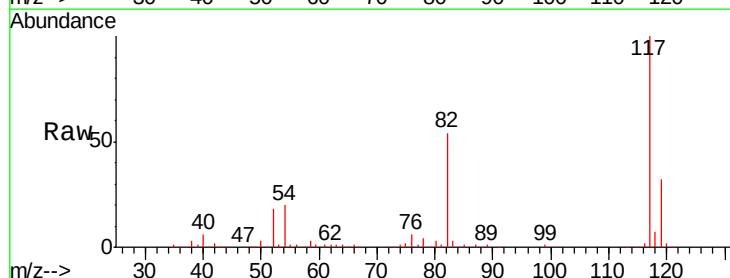
Tgt Ion: 117 Resp: 162359

Ion Ratio Lower Upper

117 100

82 53.8 44.1 66.1

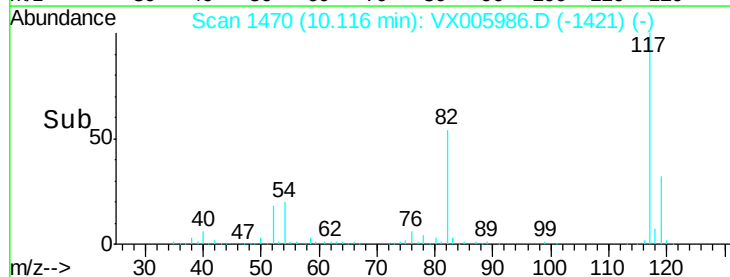
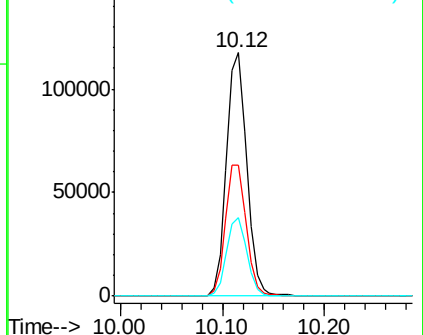
119 32.3 26.2 39.2

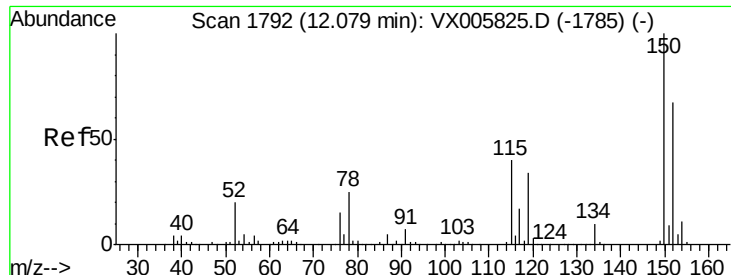


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005986.D
 Acq: 14 Nov 2018 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-TANK2-N48963

Tgt Ion:152 Resp: 79877
 Ion Ratio Lower Upper
 152 100
 115 55.7 39.4 118.1
 150 156.8 0.0 346.4

