

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004236.D
 Acq On : 23 Aug 2018 19:27
 Operator : JC/MD
 Sample : J4295-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL

Quant Time: Aug 24 11:37:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

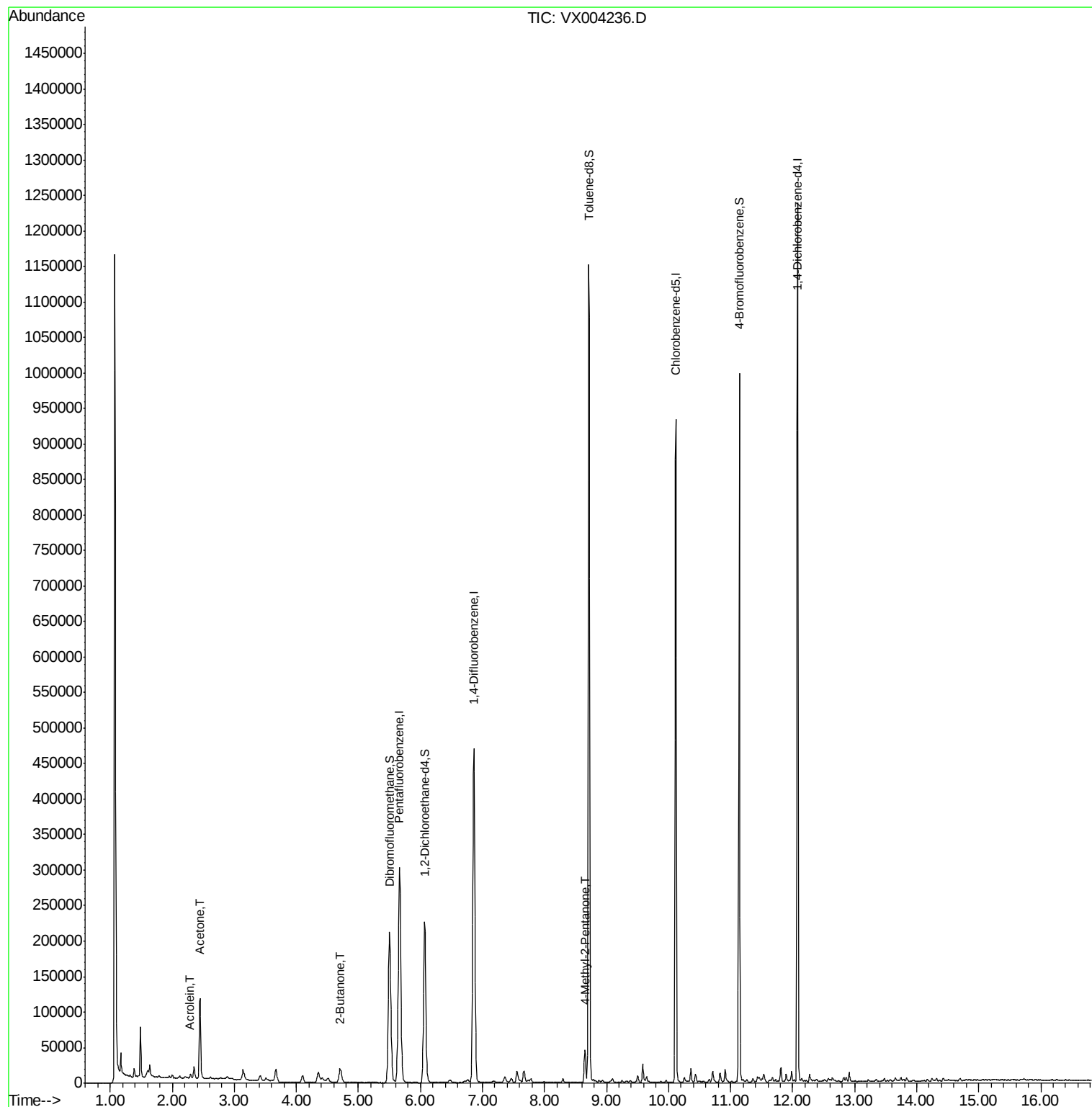
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209822	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	5.50	113	180520	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	691329	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	252438	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
13) Acrolein	2.29	56	5210	24.96	ug/l	94
16) Acetone	2.45	43	120810	66.96	ug/l	96
25) 2-Butanone	4.71	43	35263	10.23	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	26805	4.44	ug/l	97

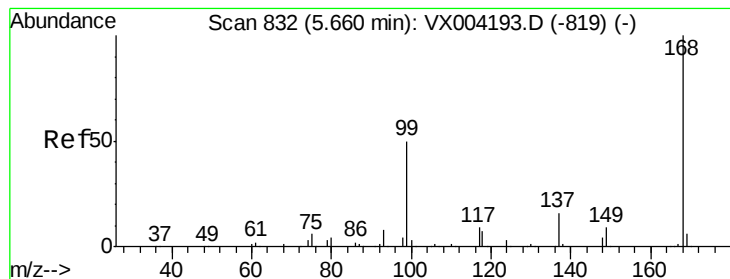
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

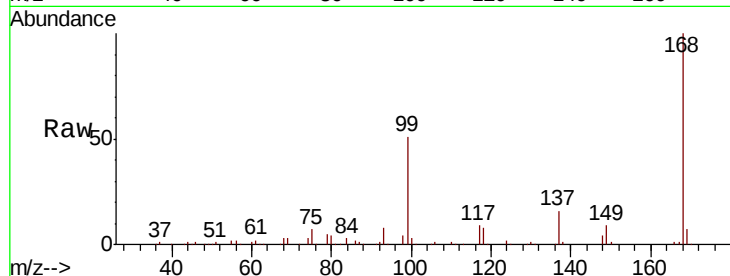
OUTFALL

Tot Ion:168 Resp: 311594

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

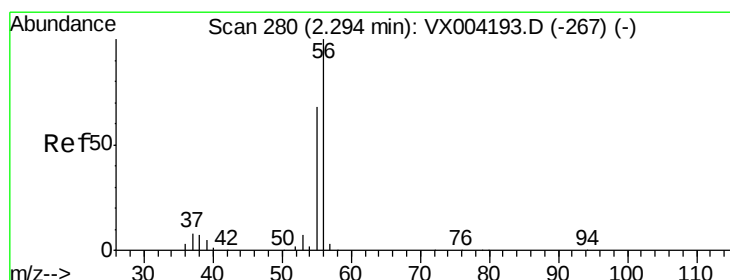
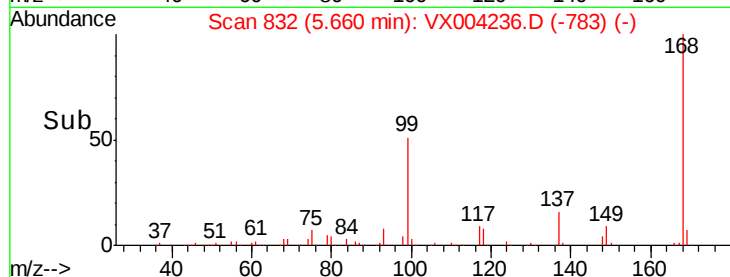
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 24.96 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004236.D

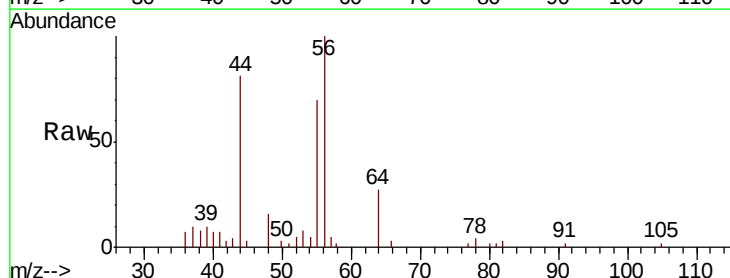
Acq: 23 Aug 2018 19:27

Tgt Ion: 56 Resp: 5210

Ion Ratio Lower Upper

56 100

55 73.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

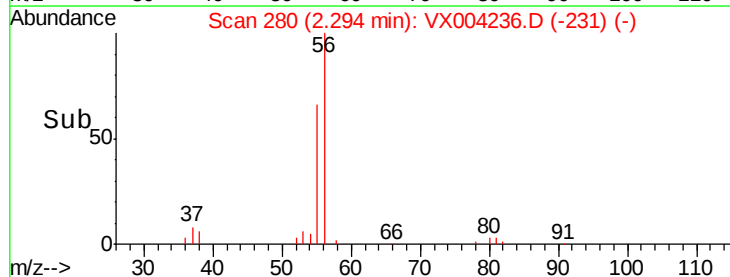
3000

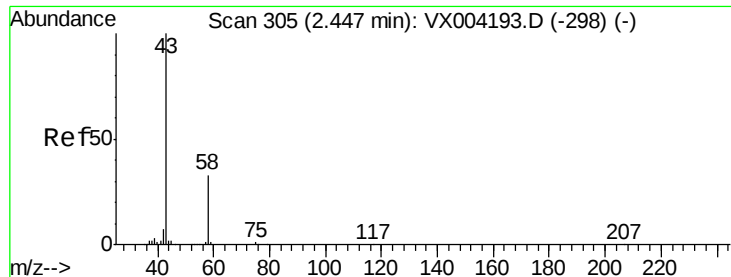
2000

1000

0

Time--> 2.25 2.30 2.35





#16

Acetone

Concen: 66.96 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

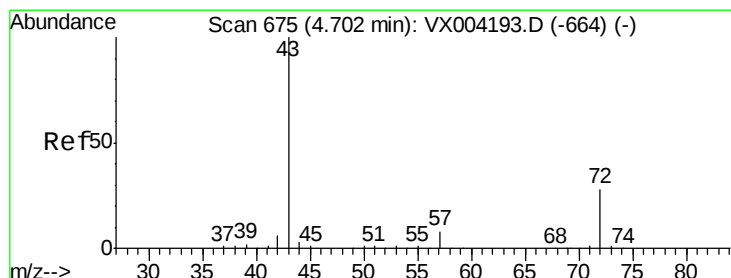
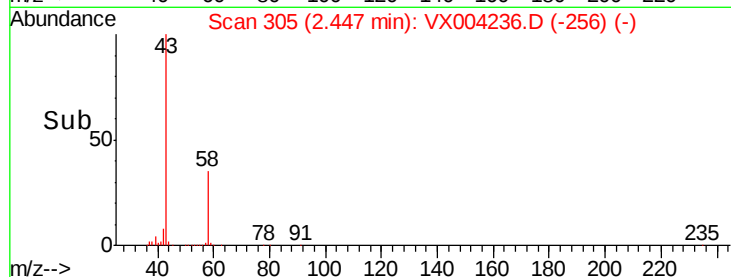
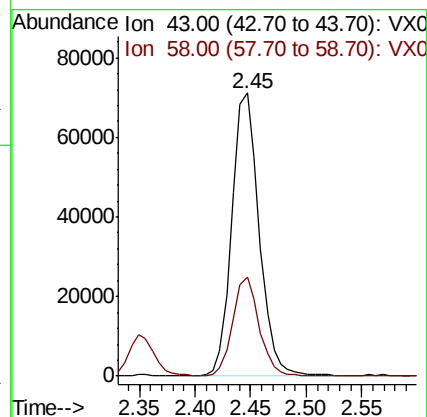
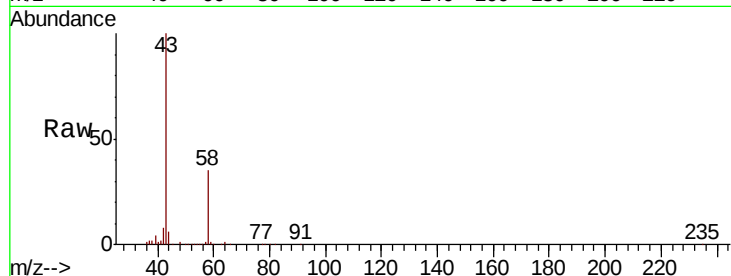
OUTFALL

Tot Ion: 43 Resp: 120810

Ion Ratio Lower Upper

43 100

58 35.0 26.2 39.4



#25

2-Butanone

Concen: 10.23 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004236.D

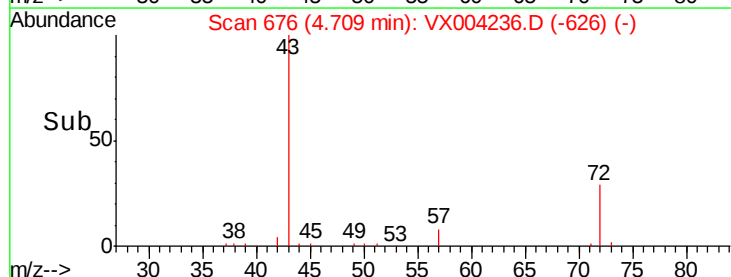
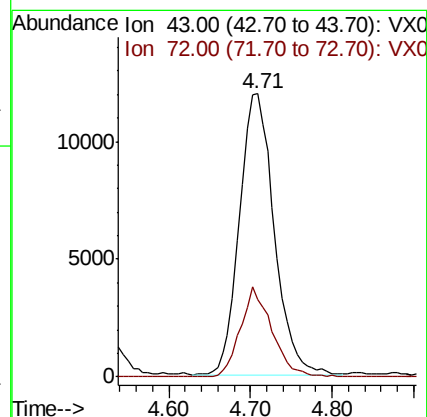
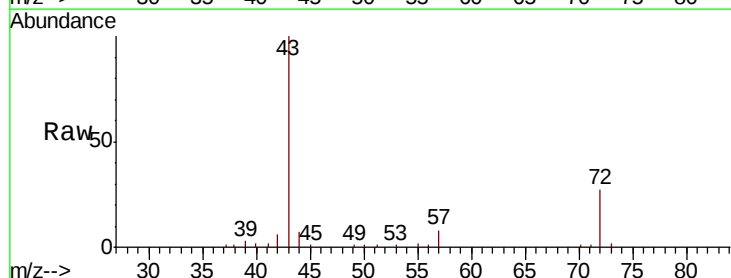
Acq: 23 Aug 2018 19:27

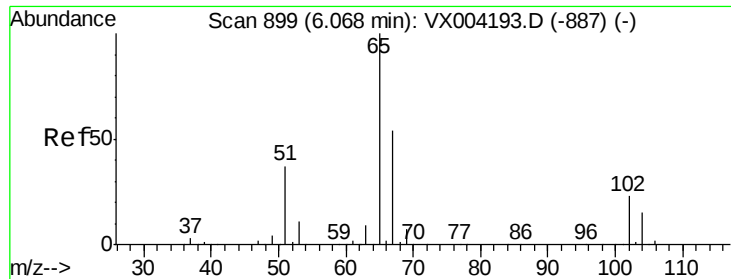
Tgt Ion: 43 Resp: 35263

Ion Ratio Lower Upper

43 100

72 27.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.66 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

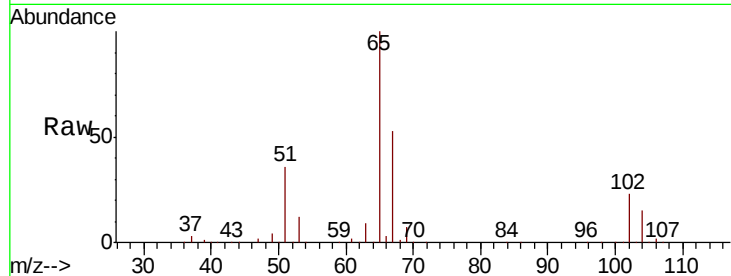
OUTFALL

Tot Ion: 65 Resp: 209822

Ion Ratio Lower Upper

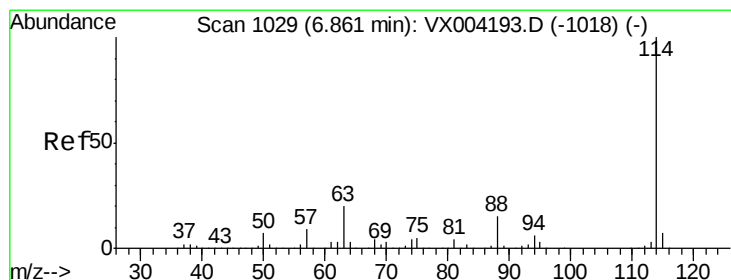
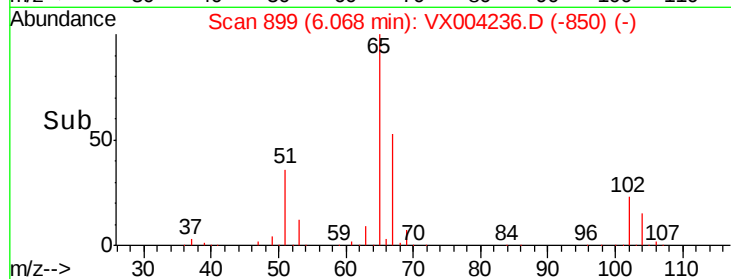
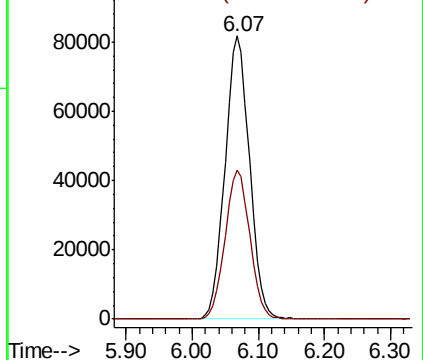
65 100

67 53.3 0.0 106.8



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: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

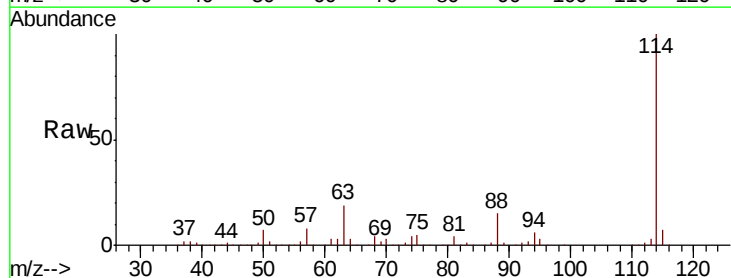
Tgt Ion: 114 Resp: 488803

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

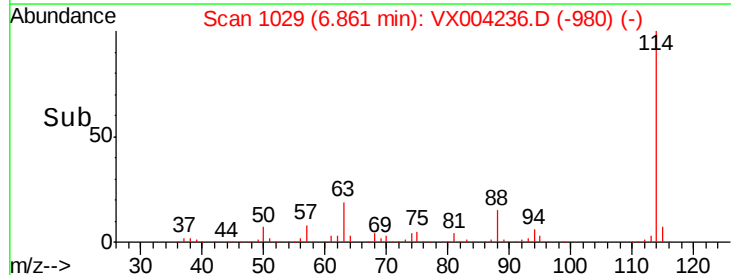
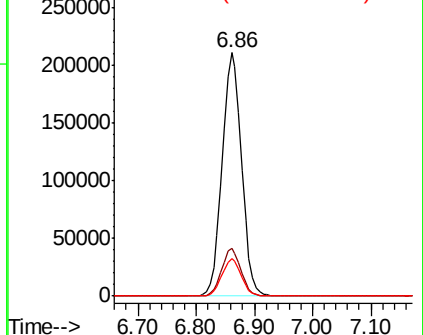
88 15.3 0.0 30.4

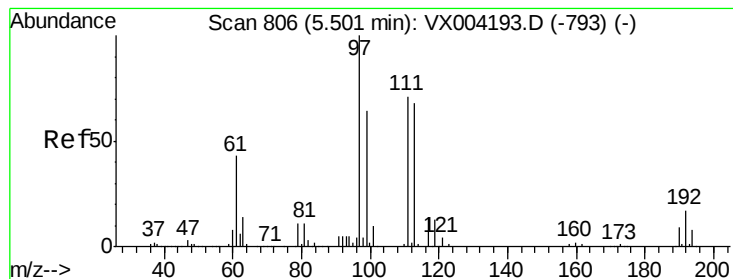


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL

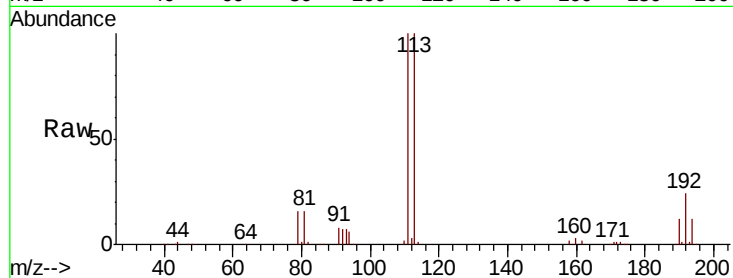
Tot Ion:113 Resp: 180520

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

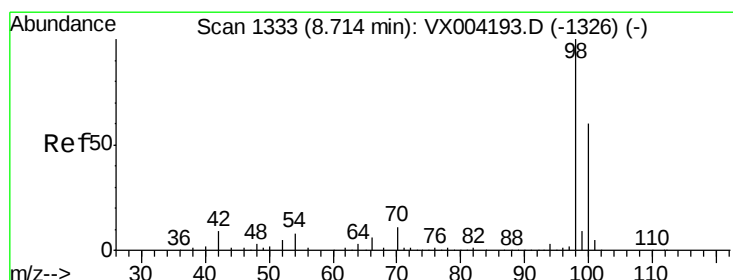
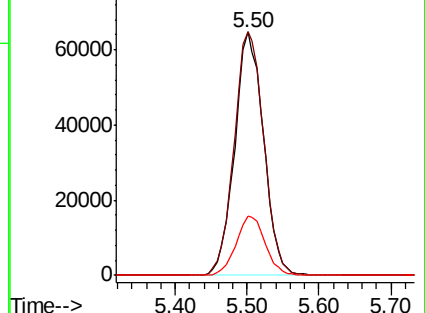
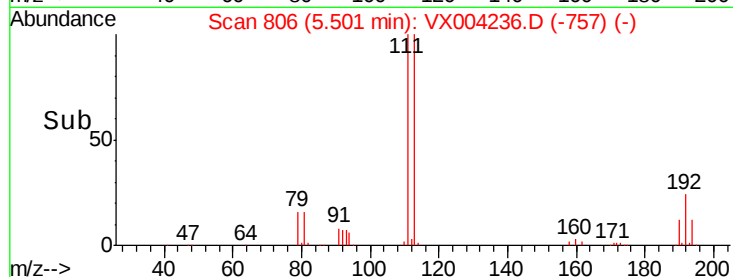
192 24.5 19.4 29.2



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: 50.37 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. 0.00 min

Lab File: VX004236.D

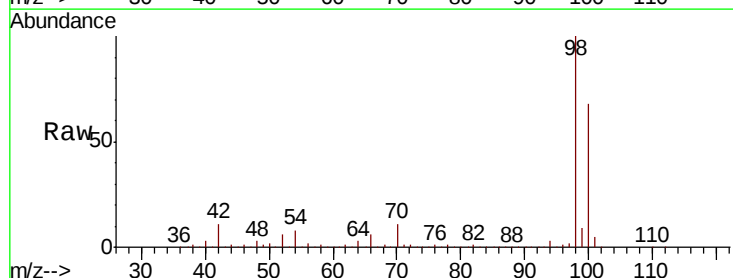
Acq: 23 Aug 2018 19:27

Tgt Ion: 98 Resp: 691329

Ion Ratio Lower Upper

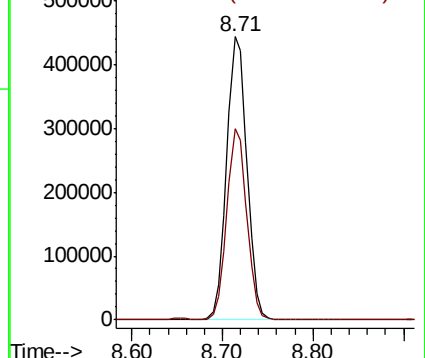
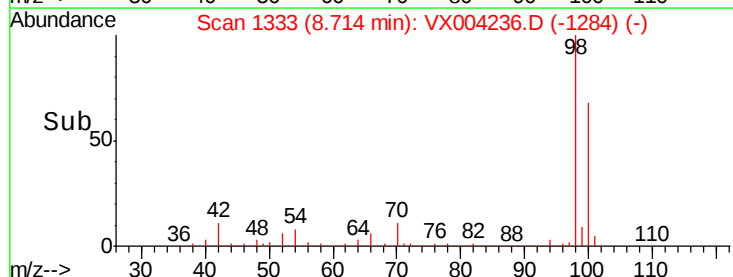
98 100

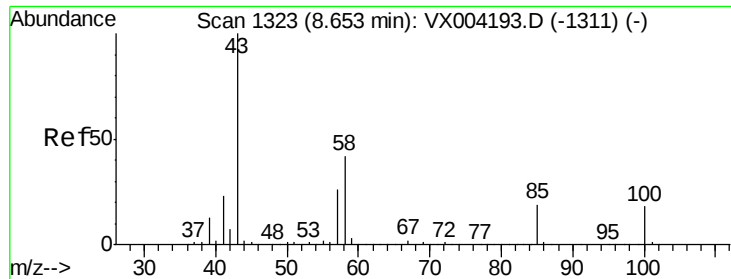
100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.44 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_X

ClientSampled :

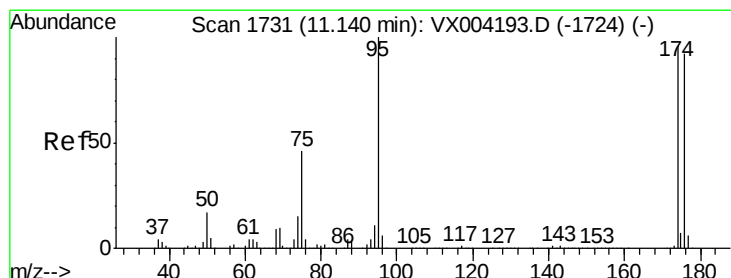
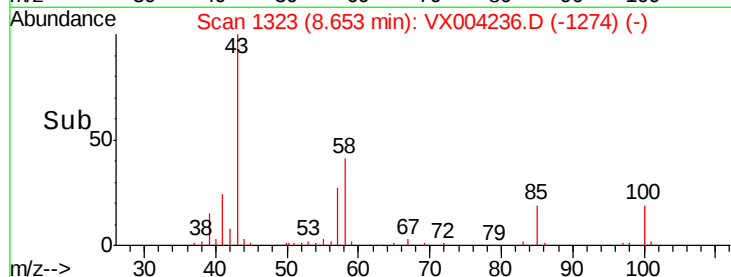
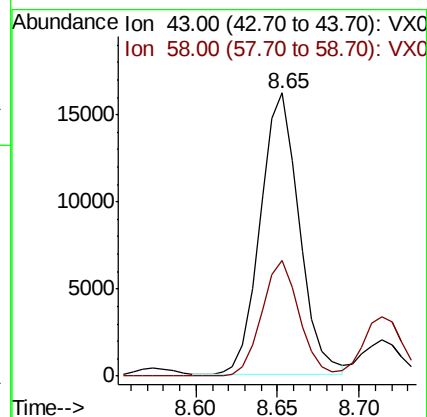
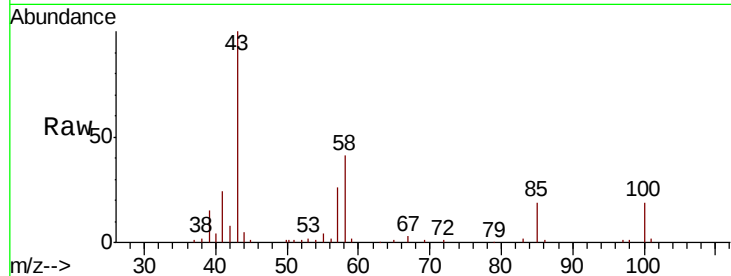
OUTFALL

Tot Ion: 43 Resp: 26805

Ion Ratio Lower Upper

43 100

58 39.4 33.1 49.7



#62

4-Bromofluorobenzene

Concen: 49.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004236.D

Acq: 23 Aug 2018 19:27

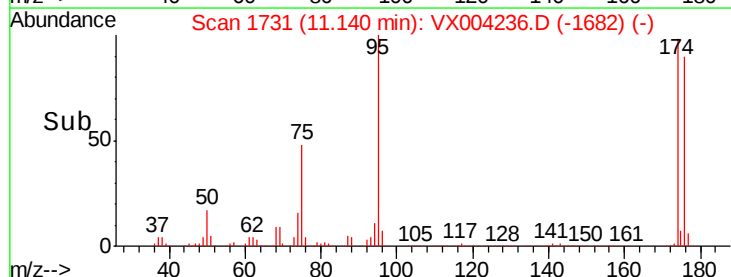
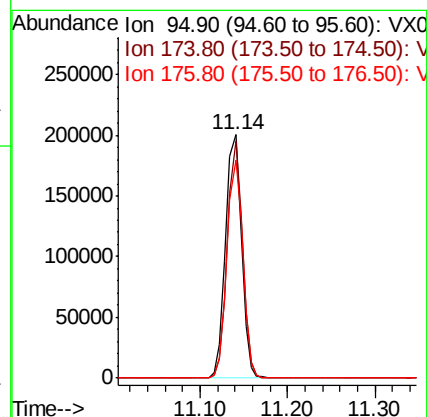
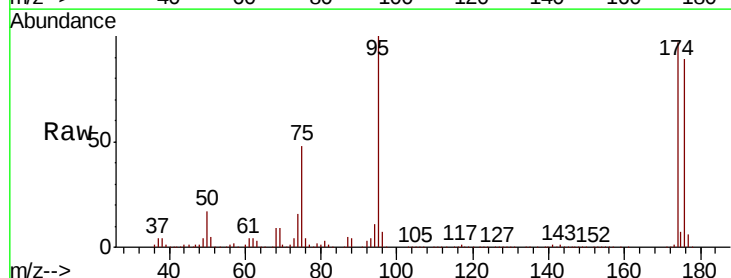
Tgt Ion: 95 Resp: 252438

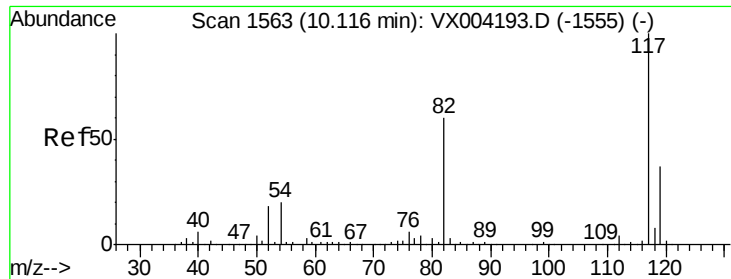
Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.2

176 88.8 0.0 178.6

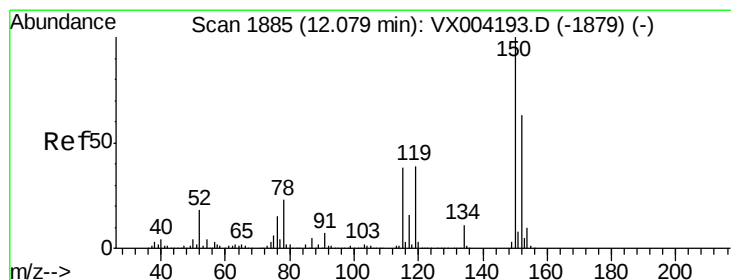
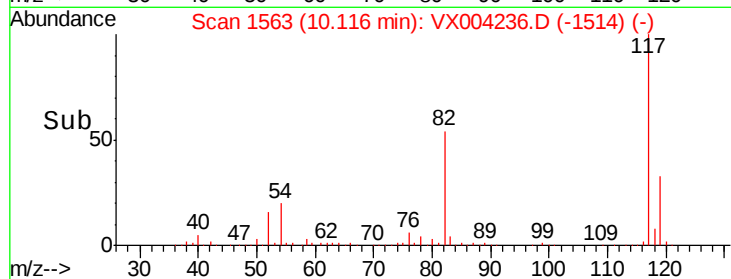
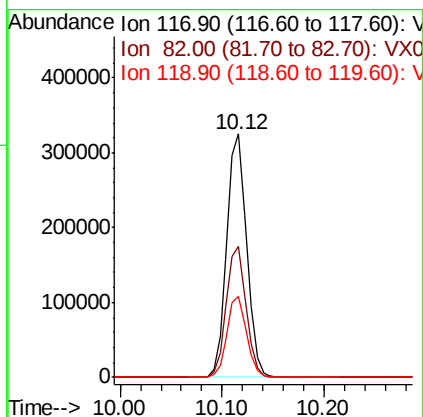
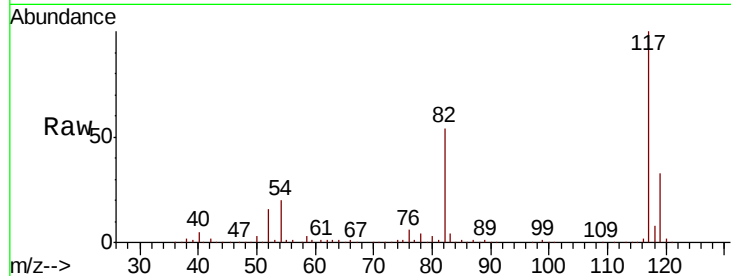




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampled :
OUTFALL

Tot Ion:117 Resp: 436610
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 33.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion:152 Resp: 256631
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 160.7 0.0 351.0

