

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006278.D
 Acq On : 04 Dec 2018 15:08
 Operator : JC/MD
 Sample : J6207-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL

Quant Time: Dec 05 09:33:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

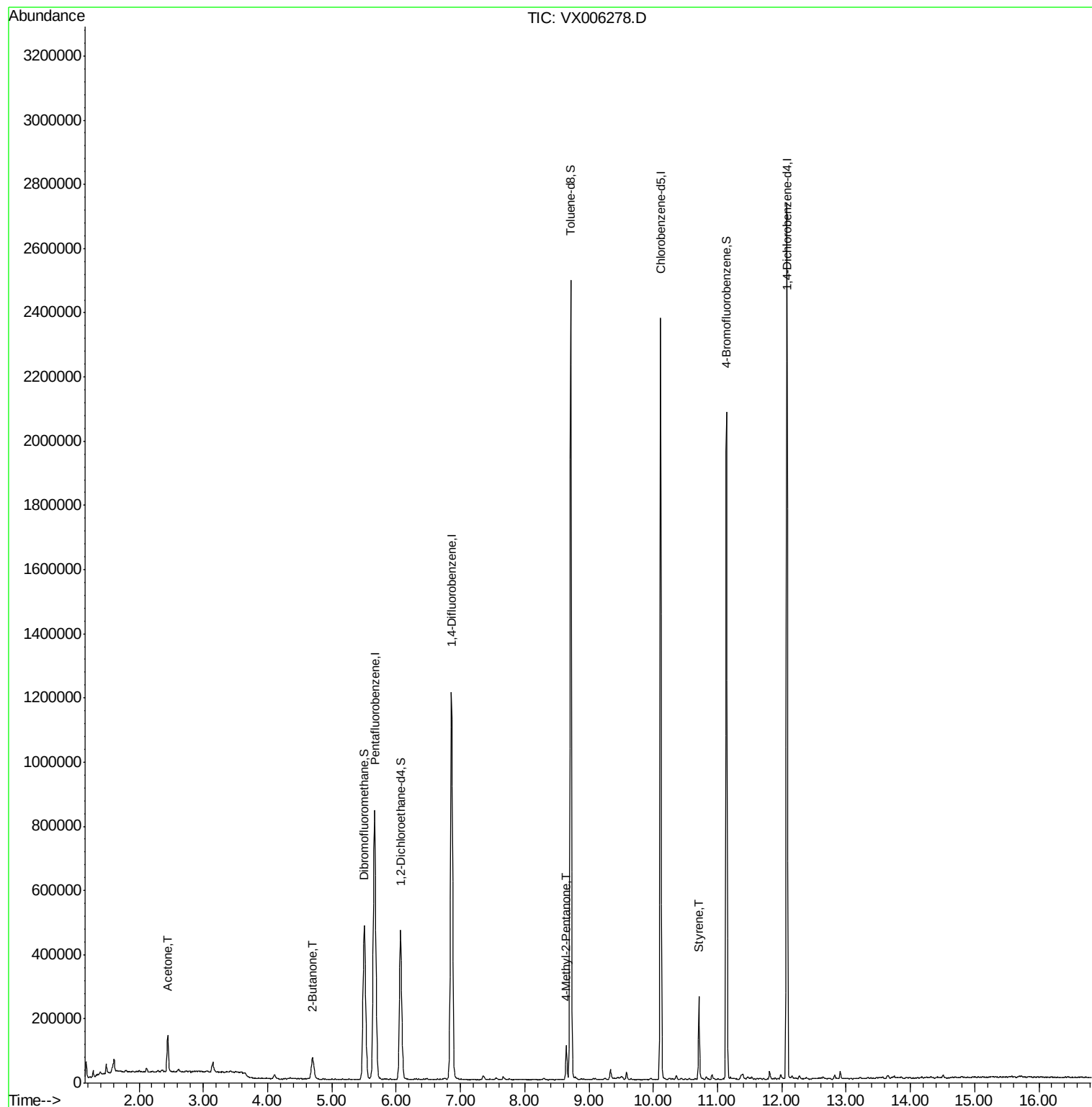
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	868520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1326891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1187543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	578765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	435496	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.50	113	418458	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1523563	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.14	95	564549	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
16) Acetone	2.45	43	125326	30.120	ug/l	98
25) 2-Butanone	4.70	43	128059	21.570	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	60097	4.948	ug/l	99
70) Styrene	10.71	104	107545	4.008	ug/l	91

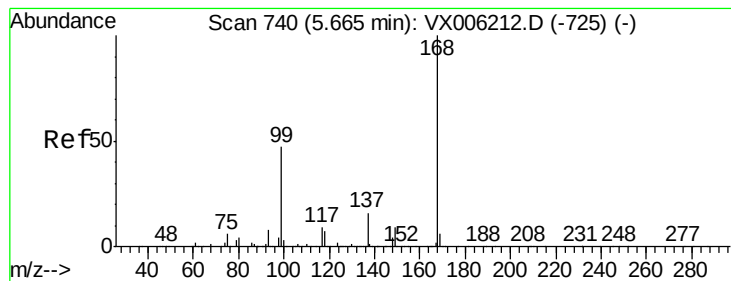
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006278.D

Acq: 04 Dec 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

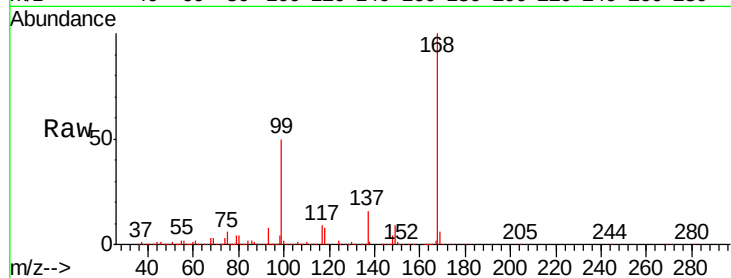
OUTFALL

Tgt Ion:168 Resp: 868520

Ion Ratio Lower Upper

168 100

99 49.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

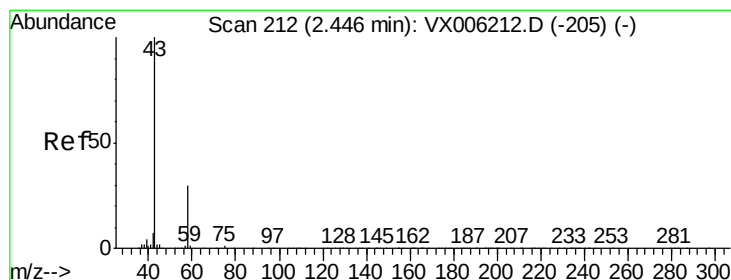
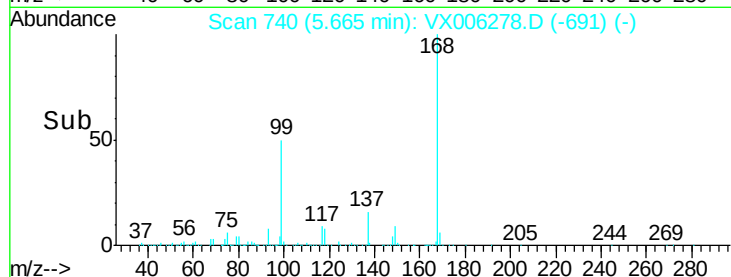
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 30.120 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006278.D

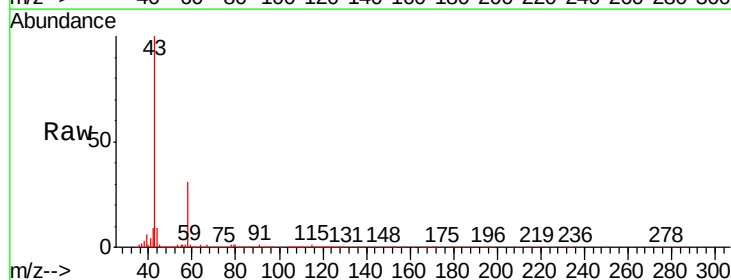
Acq: 04 Dec 2018 15:08

Tgt Ion: 43 Resp: 125326

Ion Ratio Lower Upper

43 100

58 31.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

80000

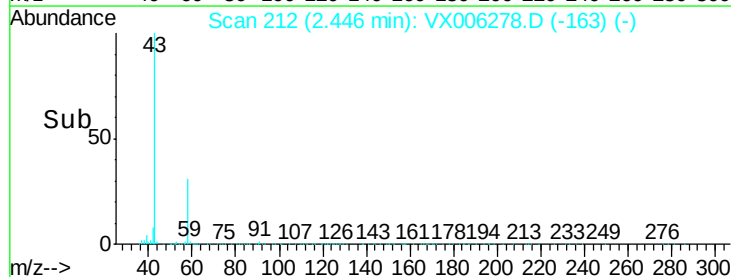
60000

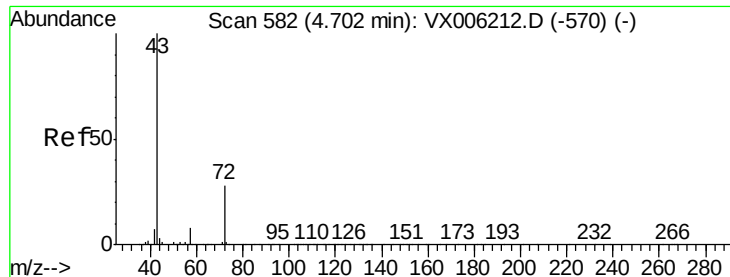
40000

20000

0

Time--> 2.40 2.50





#25

2-Butanone

Concen: 21.570 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006278.D

Acq: 04 Dec 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

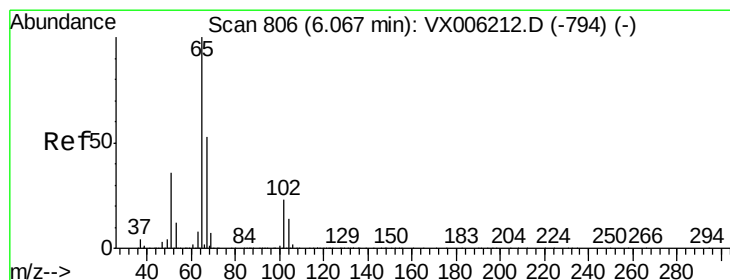
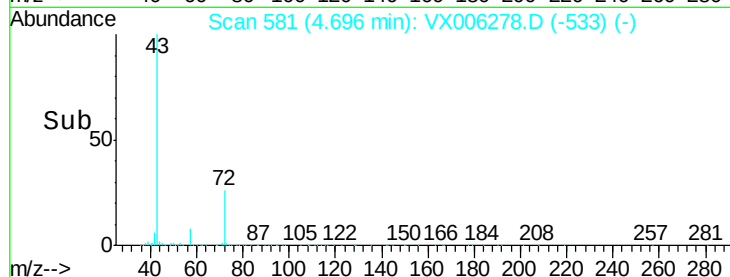
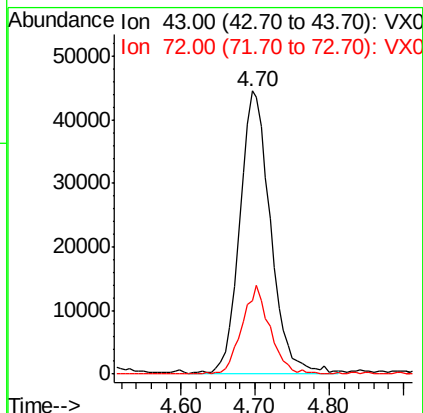
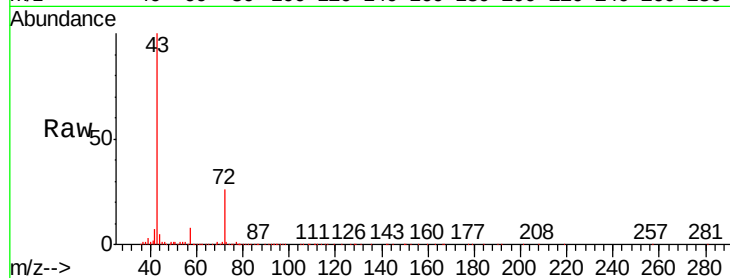
OUTFALL

Tgt Ion: 43 Resp: 128059

Ion Ratio Lower Upper

43 100

72 25.8 22.6 33.8



#33

1,2-Dichloroethane-d4

Concen: 49.119 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006278.D

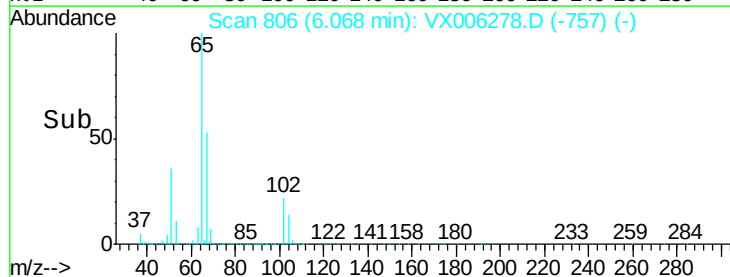
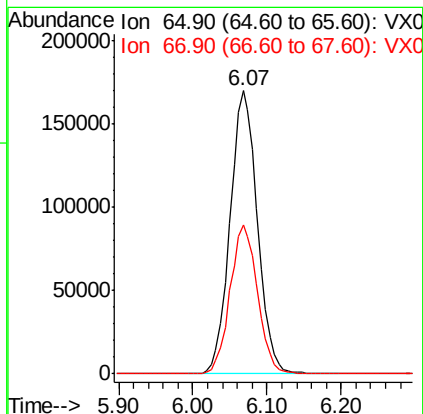
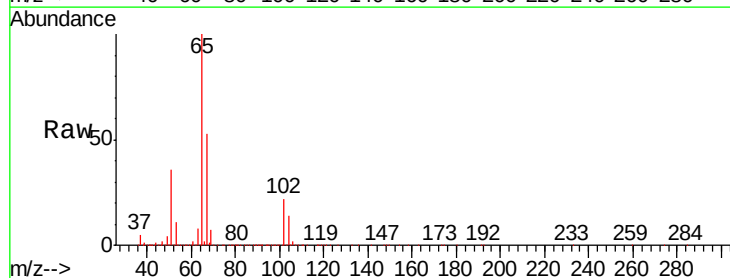
Acq: 04 Dec 2018 15:08

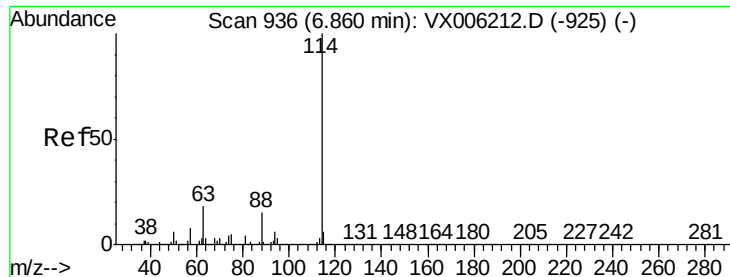
Tgt Ion: 65 Resp: 435496

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2

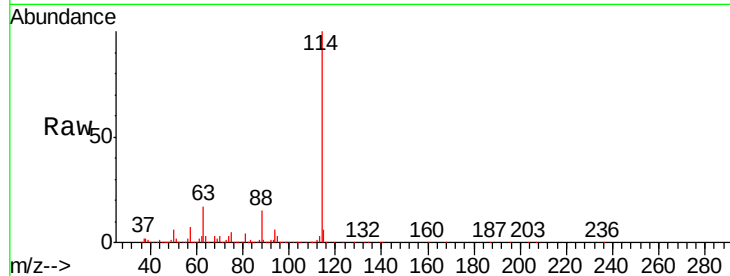




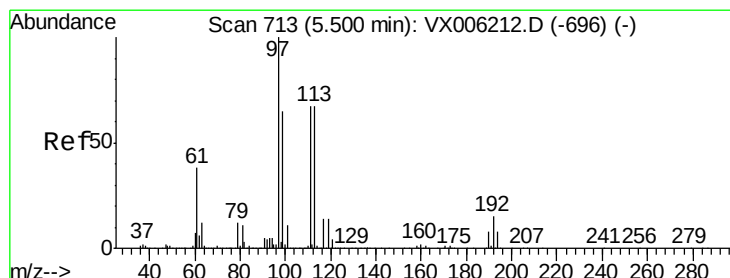
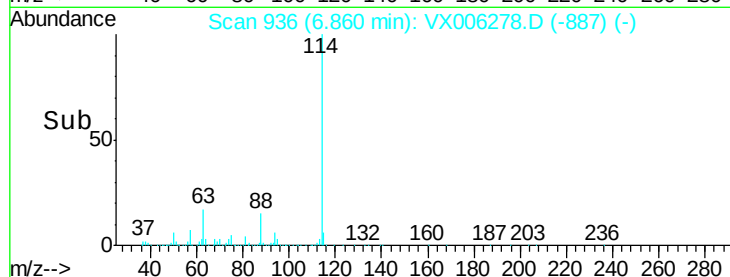
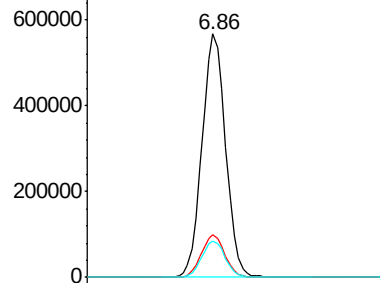
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006278.D
 Acq: 04 Dec 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL

Tgt Ion:114 Resp: 1326891
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.1 0.0 29.0

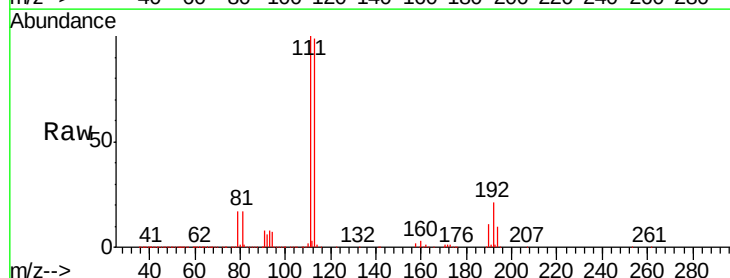


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

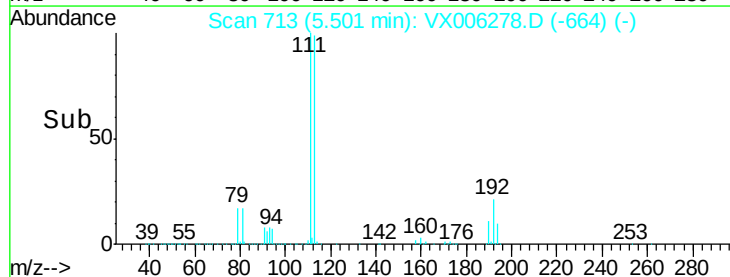
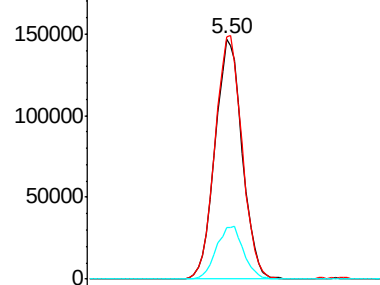


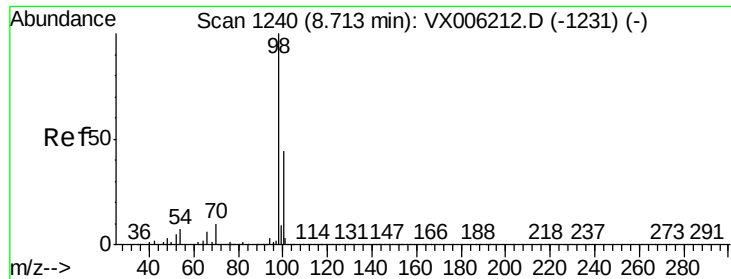
#35
 Dibromofluoromethane
 Concen: 48.708 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006278.D
 Acq: 04 Dec 2018 15:08

Tgt Ion:113 Resp: 418458
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.1 121.7
 192 22.1 18.2 27.2



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: 48.755 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006278.D

Acq: 04 Dec 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

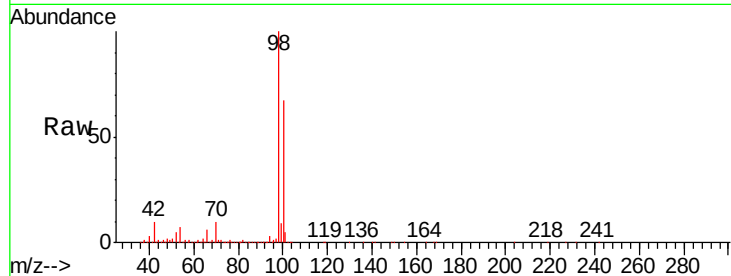
OUTFALL

Tgt Ion: 98 Resp: 1523563

Ion Ratio Lower Upper

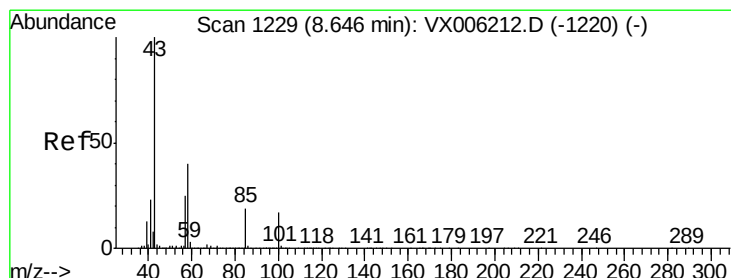
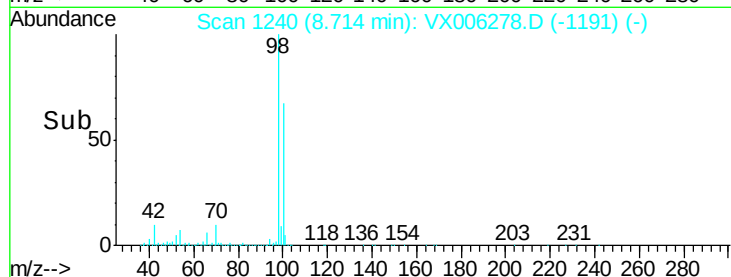
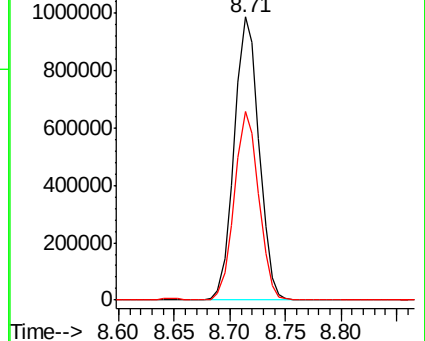
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 4.948 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006278.D

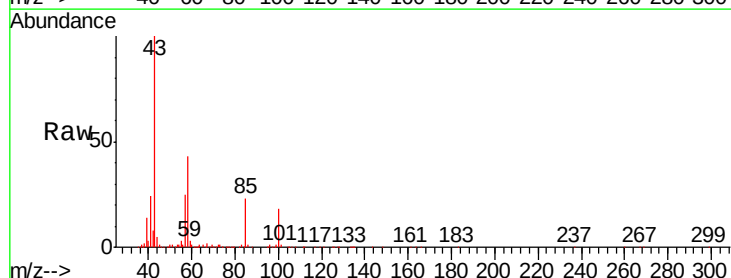
Acq: 04 Dec 2018 15:08

Tgt Ion: 43 Resp: 60097

Ion Ratio Lower Upper

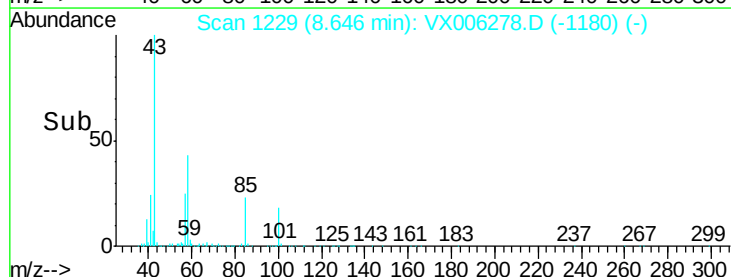
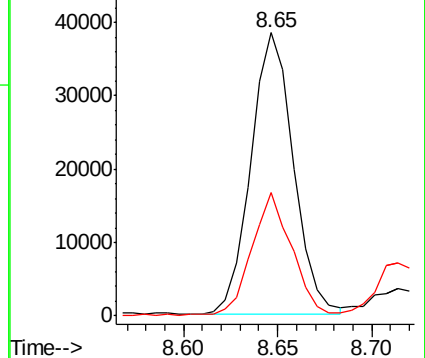
43 100

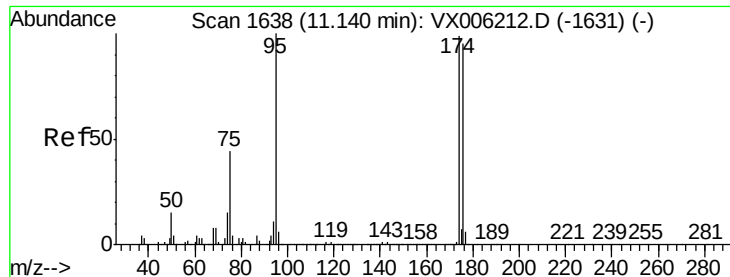
58 39.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.942 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006278.D

Acq: 04 Dec 2018 15:08

Instrument :

MSVOA_X

ClientSampled :

OUTFALL

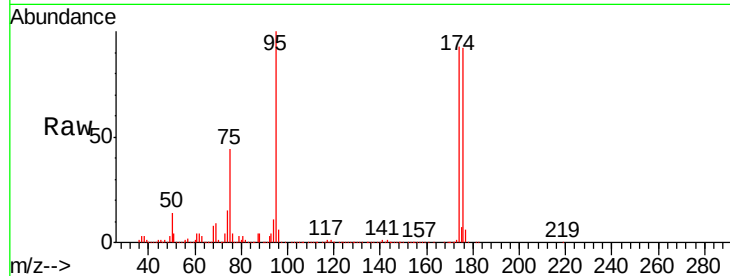
Tgt Ion: 95 Resp: 564549

Ion Ratio Lower Upper

95 100

174 88.4 0.0 187.0

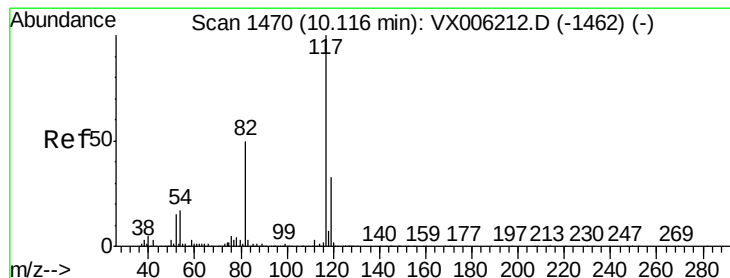
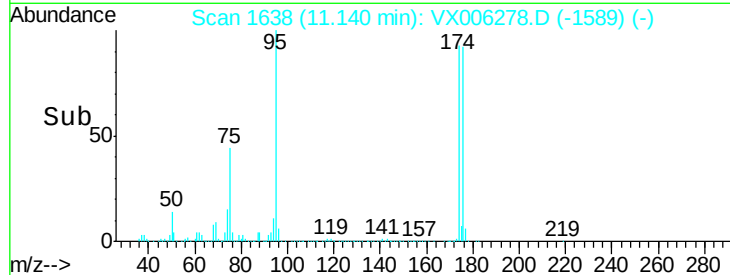
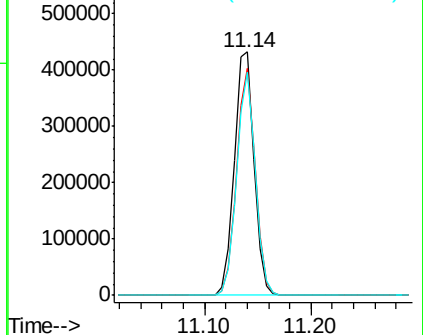
176 86.6 0.0 181.8



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006278.D

Acq: 04 Dec 2018 15:08

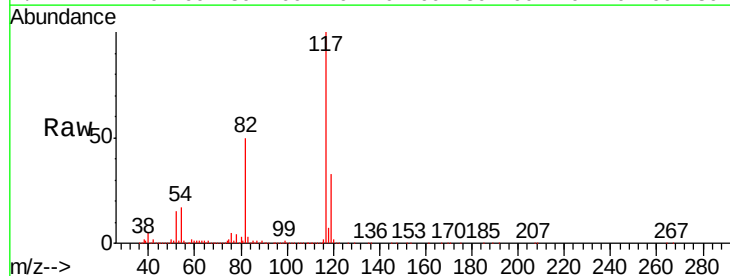
Tgt Ion: 117 Resp: 1187543

Ion Ratio Lower Upper

117 100

82 50.0 39.6 59.4

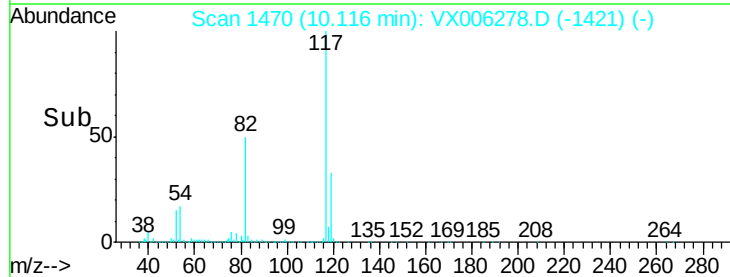
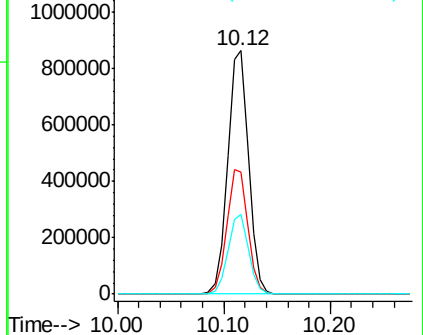
119 32.6 26.3 39.5

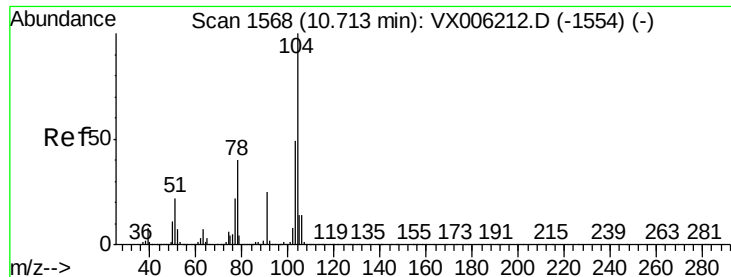


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

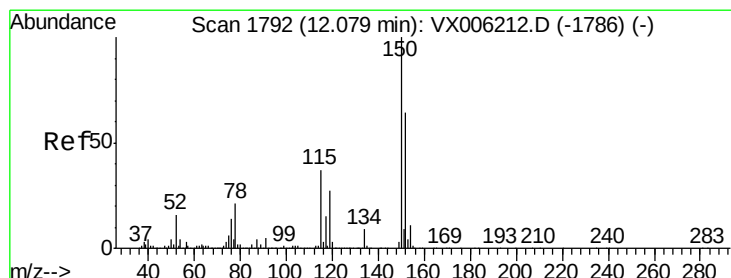
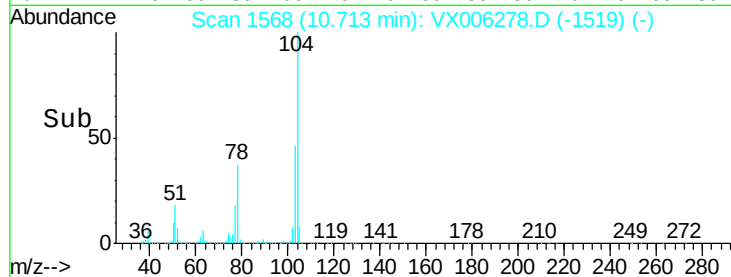
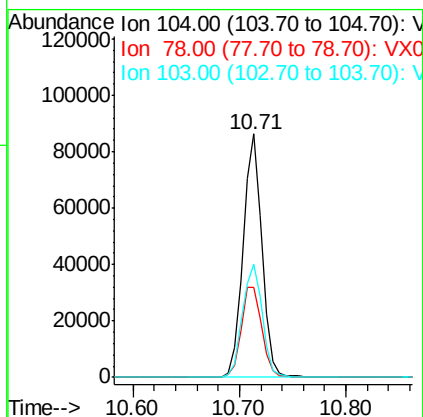
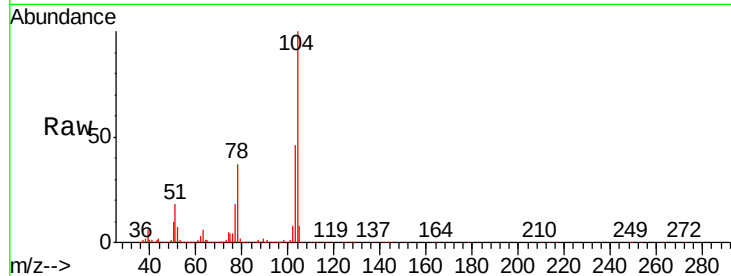




#70
Styrene
Concen: 4.008 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006278.D
Acq: 04 Dec 2018 15:08

Instrument :
MSVOA_X
ClientSampled :
OUTFALL

Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.4	37.2	55.8
103	48.6	43.5	65.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006278.D
Acq: 04 Dec 2018 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.0	116.9
150	155.4	0.0	345.8

