

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005368.D
 Acq On : 16 Oct 2018 15:04
 Operator : JC/MD
 Sample : J5540-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOSAIC-FRAC-TANK-101518

Quant Time: Oct 17 06:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

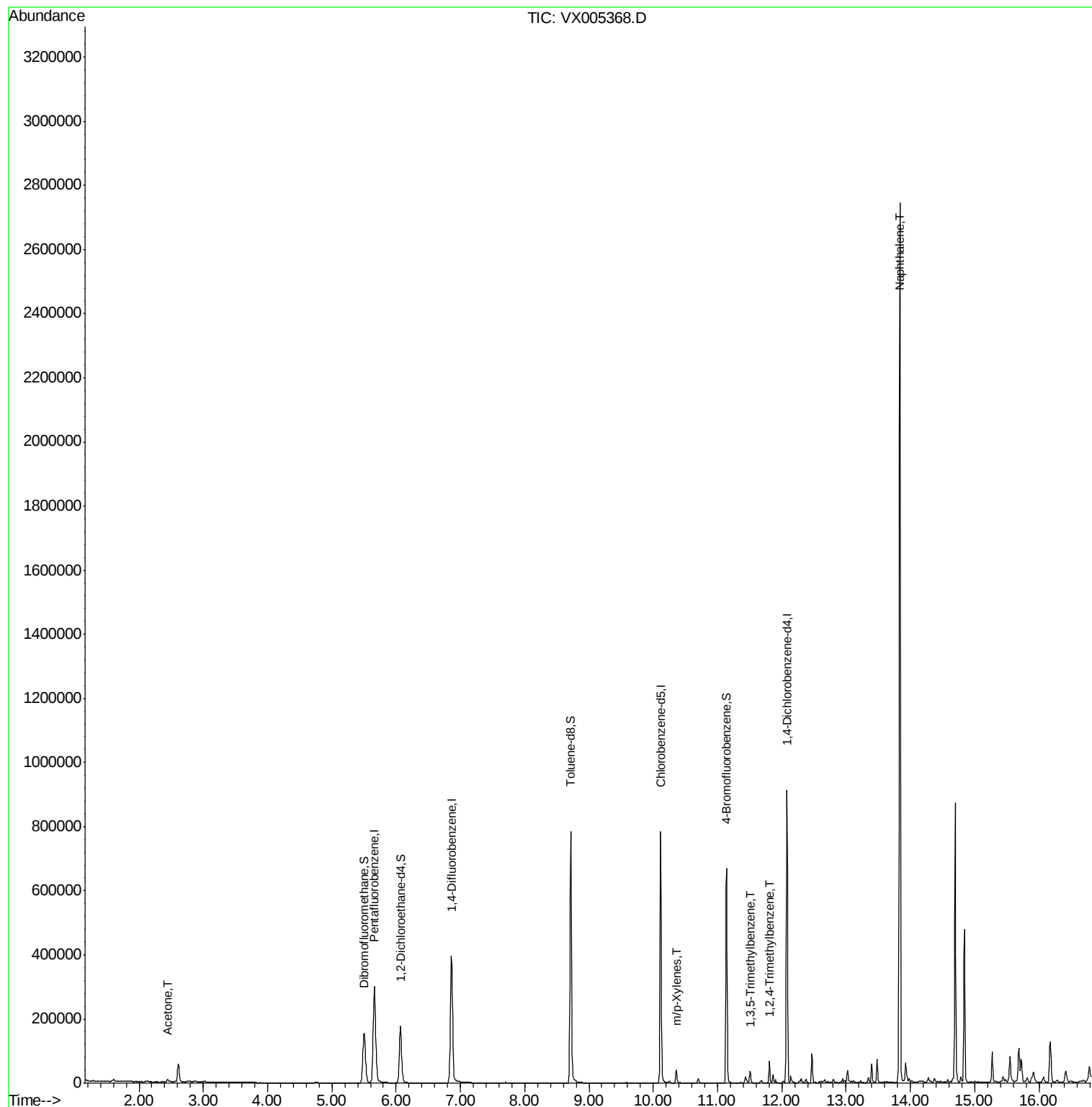
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163944	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.49	113	137068	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	8.71	98	499152	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	170089	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
16) Acetone	2.45	43	8954	4.503	ug/l	98
68) m/p-Xylenes	10.36	106	9338	1.852	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	15101	1.533	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	30505	3.010	ug/l	100
95) Naphthalene	13.83	128	1618840	121.343	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005368.D

Acq: 16 Oct 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

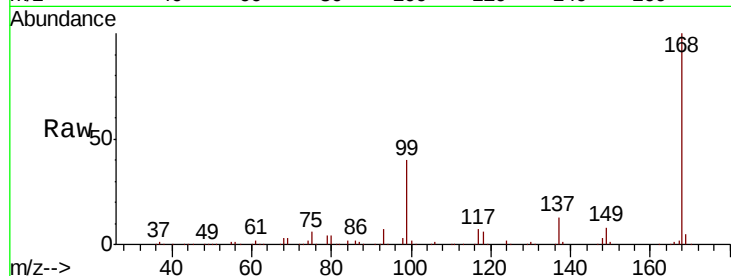
MOSAIC-FRAC-TANK-101518

Tot Ion:168 Resp: 309881

Ion Ratio Lower Upper

168 100

99 40.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX005284.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX005284.D (-726) (-)

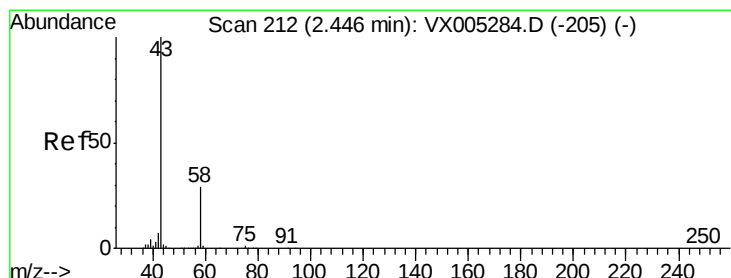
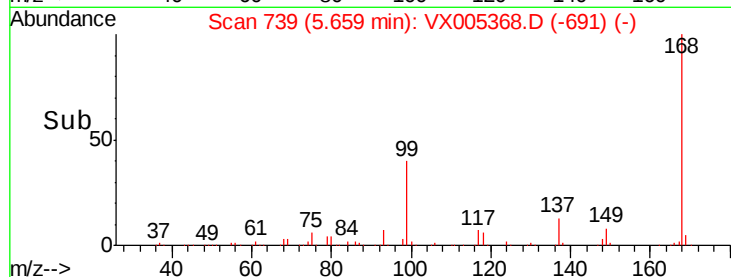
5.66

100000

50000

0

Time-->



#16

Acetone

Concen: 4.503 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005368.D

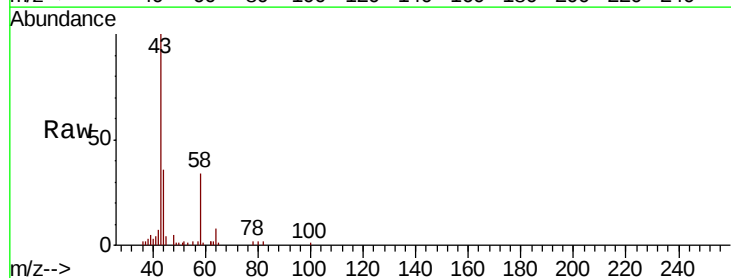
Acq: 16 Oct 2018 15:04

Tgt Ion: 43 Resp: 8954

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-205) (-)

2.45

5000

4000

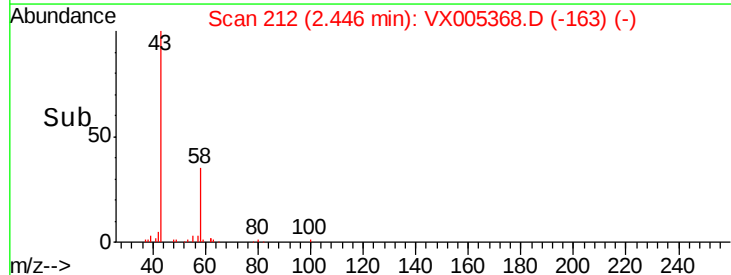
3000

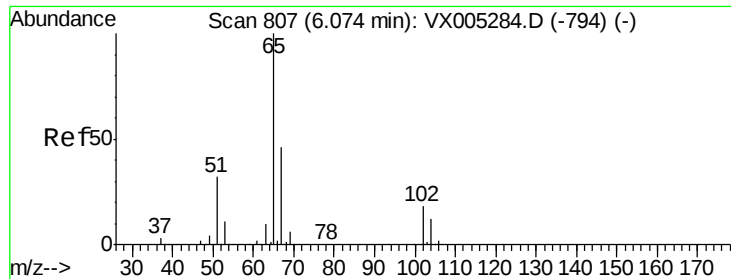
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.669 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005368.D

Acq: 16 Oct 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

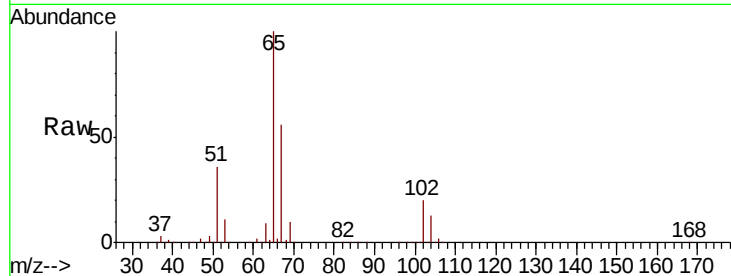
MOSAIC-FRAC-TANK-101518

Tot Ion: 65 Resp: 163944

Ion Ratio Lower Upper

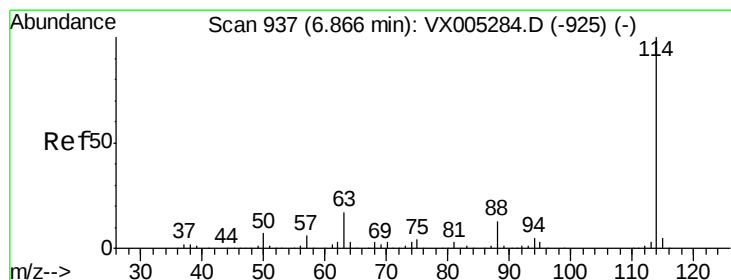
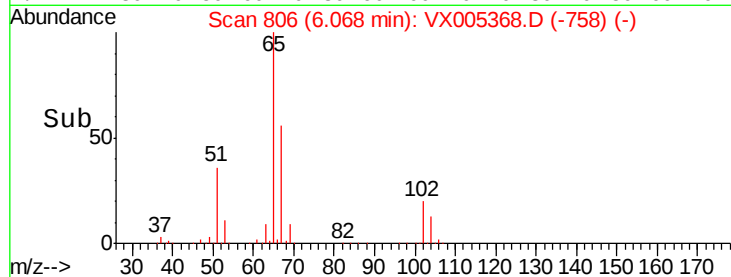
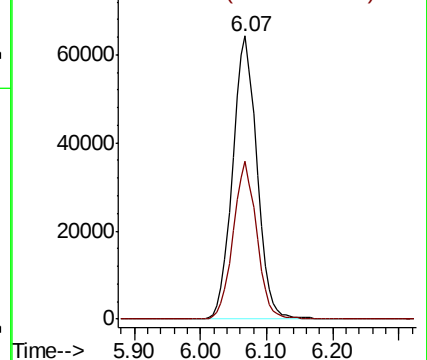
65 100

67 54.1 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: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005368.D

Acq: 16 Oct 2018 15:04

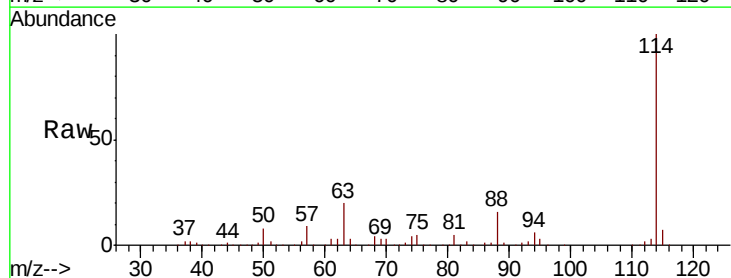
Tgt Ion: 114 Resp: 432900

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

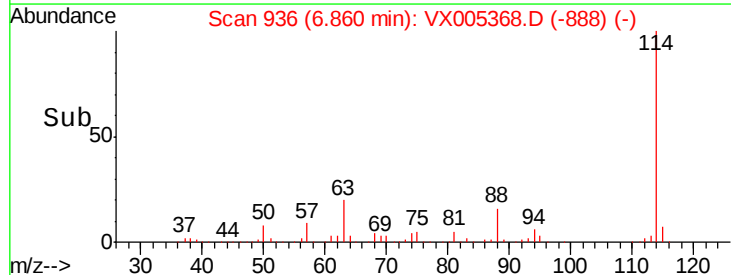
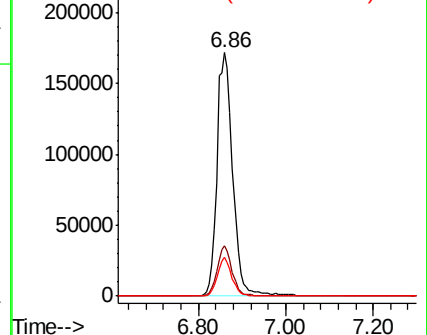
88 15.9 0.0 30.4

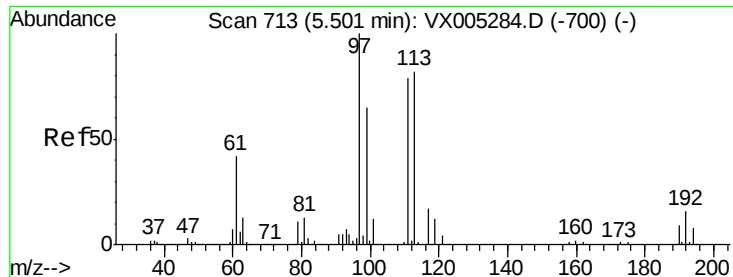


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

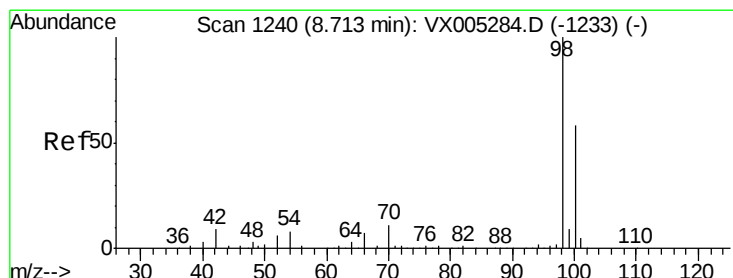
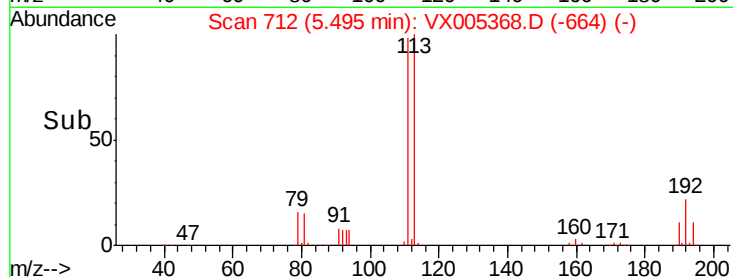
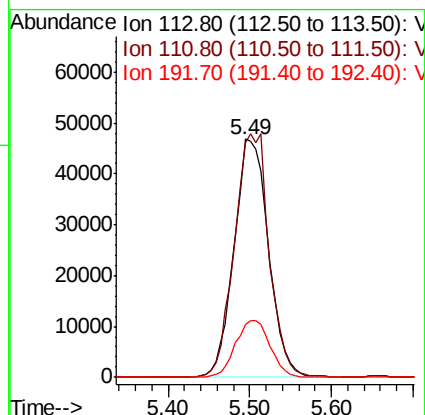
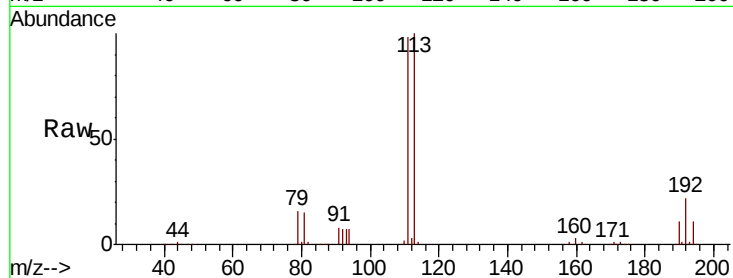




#35
 Dibromofluoromethane
 Concen: 47.805 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005368.D
 Acq: 16 Oct 2018 15:04

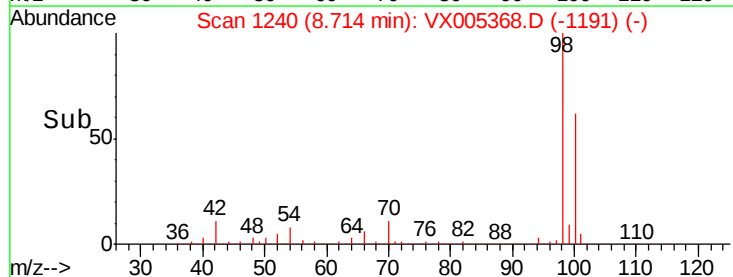
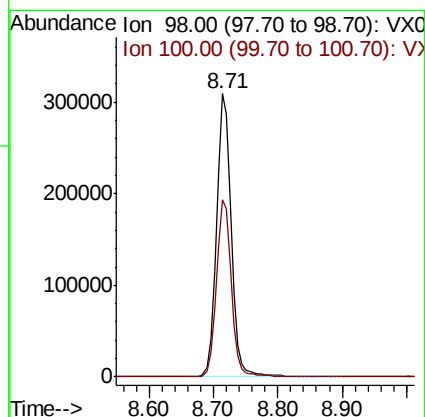
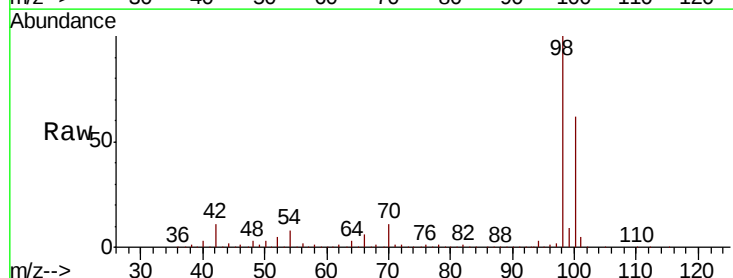
Instrument :
 MSVOA_X
 ClientSampleId :
 MOSAIC-FRAC-TANK-101518

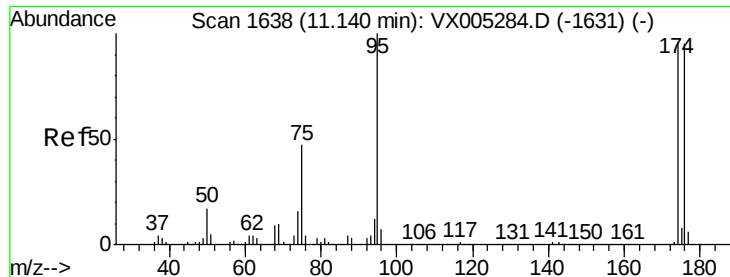
Tot Ion:113 Resp: 137068
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 24.0 19.4 29.2



#50
 Toluene-d8
 Concen: 50.710 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005368.D
 Acq: 16 Oct 2018 15:04

Tgt Ion: 98 Resp: 499152
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.9 79.3

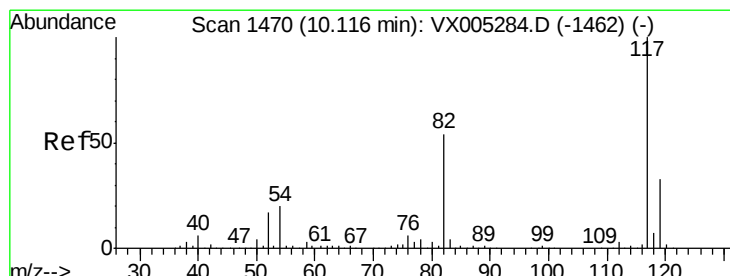
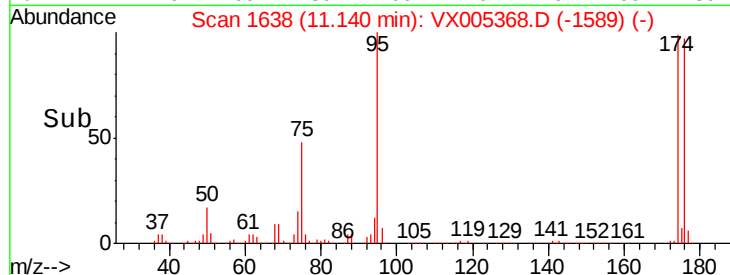
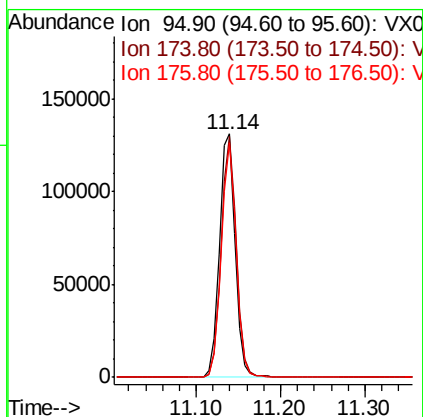
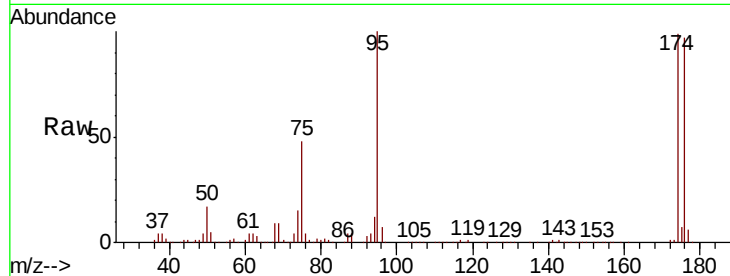




#62
4-Bromofluorobenzene
Concen: 45.998 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005368.D
Acq: 16 Oct 2018 15:04

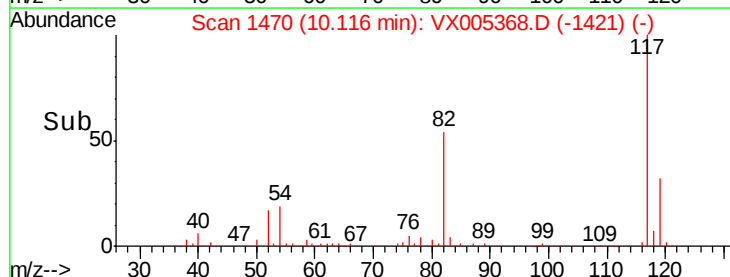
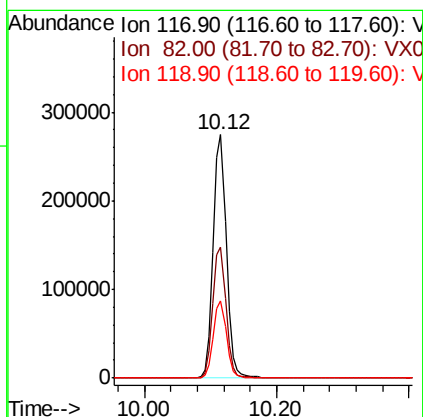
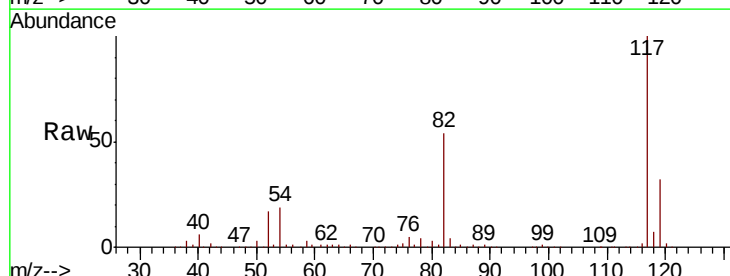
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ClientSampleId :
MOSAIC-FRAC-TANK-101518

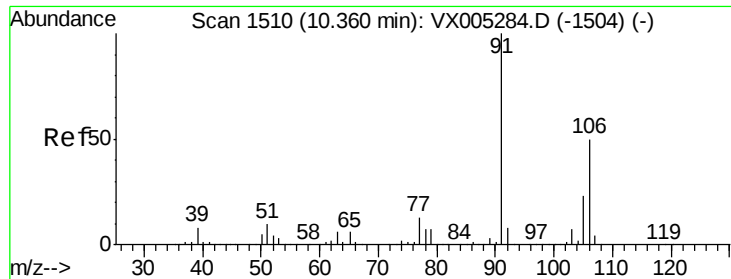
Tot Ion: 95 Resp: 170089
Ion Ratio Lower Upper
95 100
174 95.4 0.0 185.2
176 91.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005368.D
Acq: 16 Oct 2018 15:04

Tgt Ion: 117 Resp: 375690
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 31.9 29.3 43.9

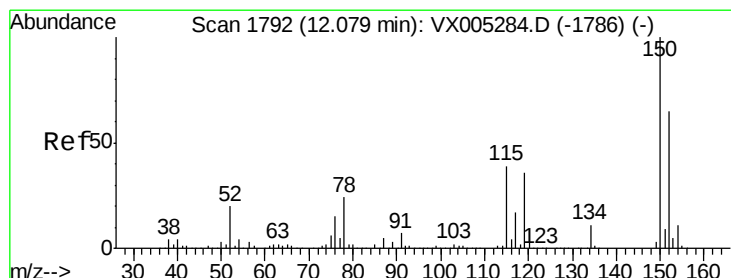
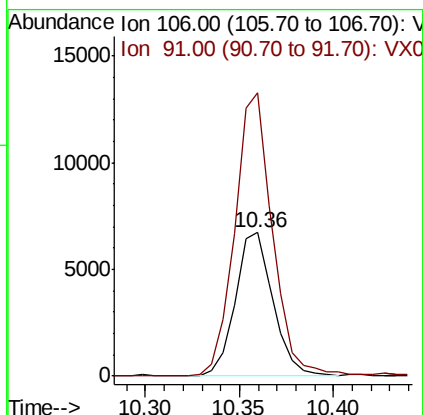
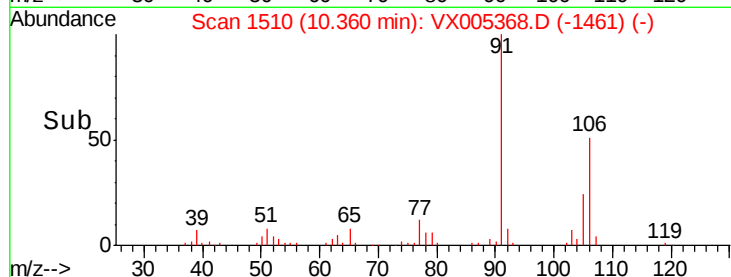
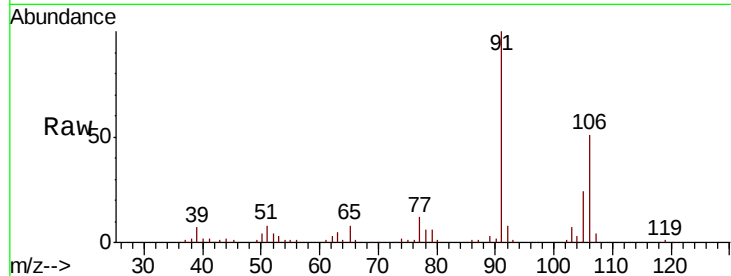




#68
m/p-Xvlenes
Concen: 1.852 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005368.D
Acq: 16 Oct 2018 15:04

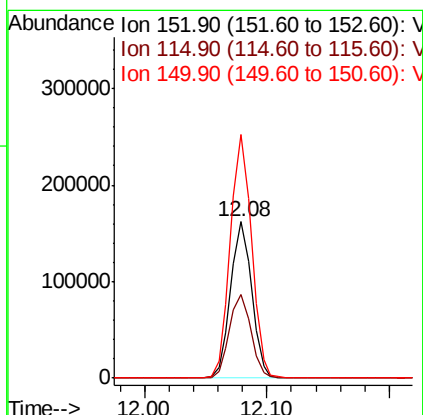
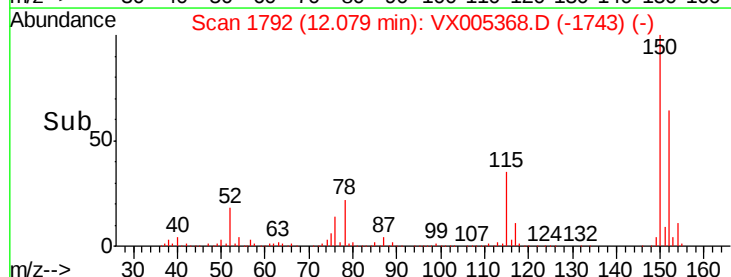
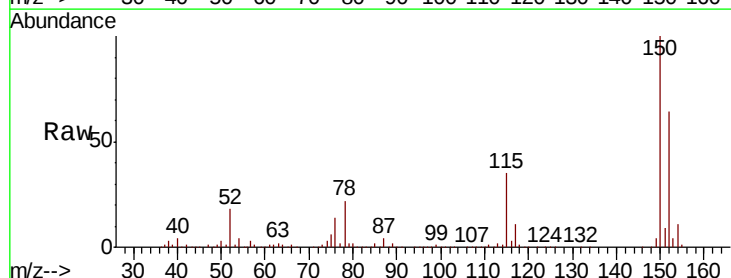
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ClientSampleId :
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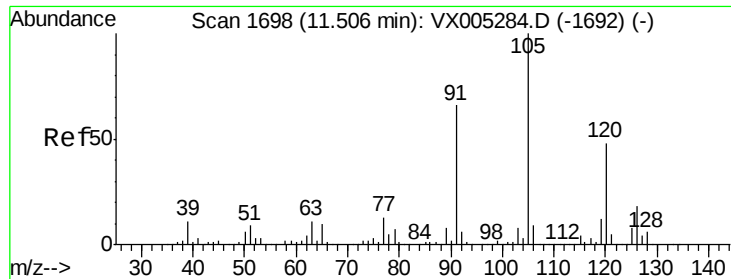
Tot Ion:106 Resp: 9338
Ion Ratio Lower Upper
106 100
91 196.8 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005368.D
Acq: 16 Oct 2018 15:04

Tgt Ion:152 Resp: 193447
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 155.9 0.0 351.0

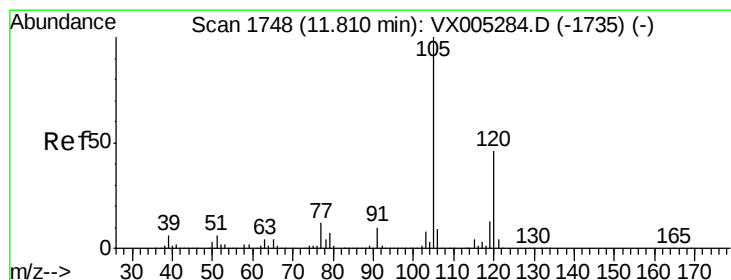
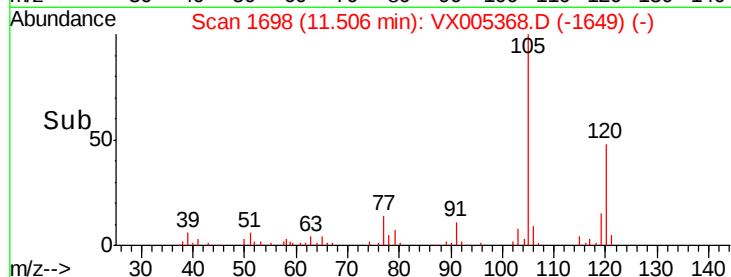
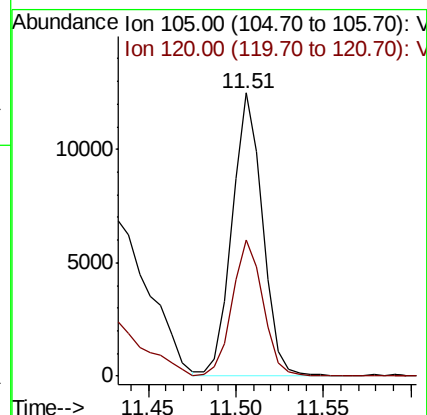
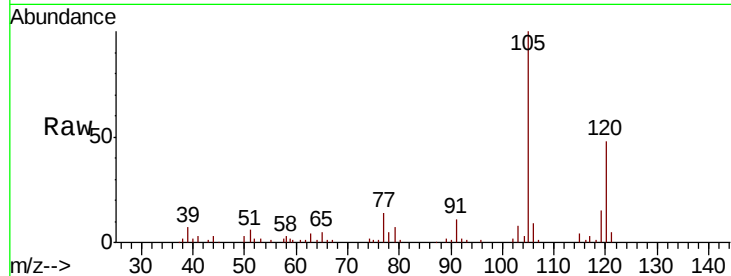




#80
 1,3,5-Trimethylbenzene
 Concen: 1.533 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005368.D
 Acq: 16 Oct 2018 15:04

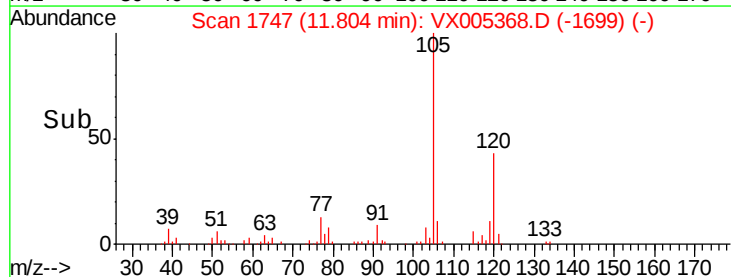
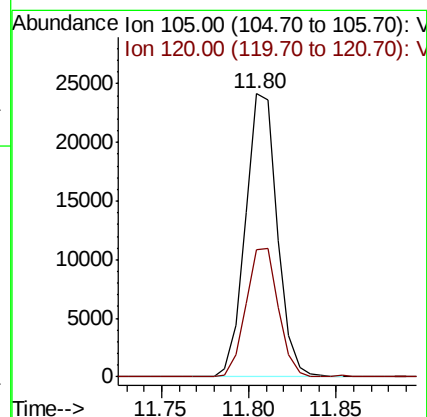
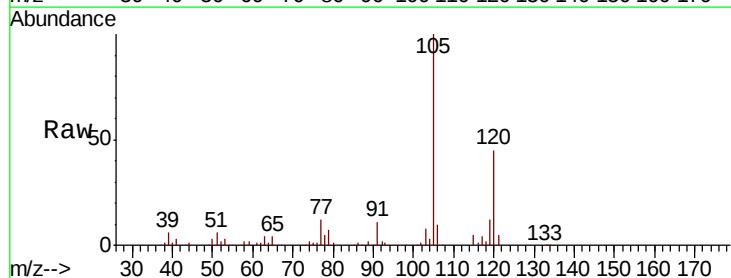
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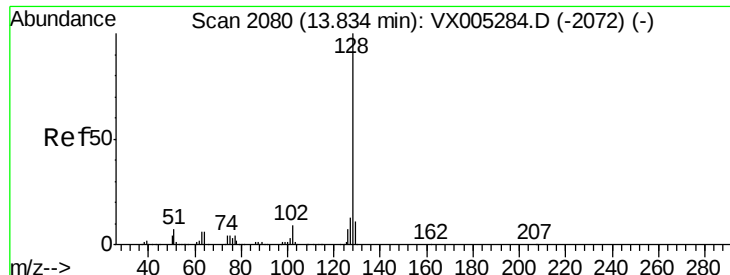
Tot Ion:105 Resp: 15101
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 3.010 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005368.D
 Acq: 16 Oct 2018 15:04

Tgt Ion:105 Resp: 30505
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#95

Naphthalene

Concen: 121.343 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005368.D

Acq: 16 Oct 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

MOSAIC-FRAC-TANK-101518

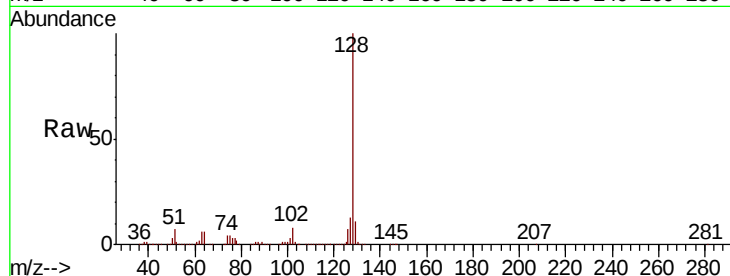
Tot Ion:128 Resp: 1618840

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

