

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003691.D
 Acq On : 27 Jul 2018 02:00
 Operator : JC/SP
 Sample : J4154-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-EB-2018-1

Quant Time: Jul 27 06:56:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

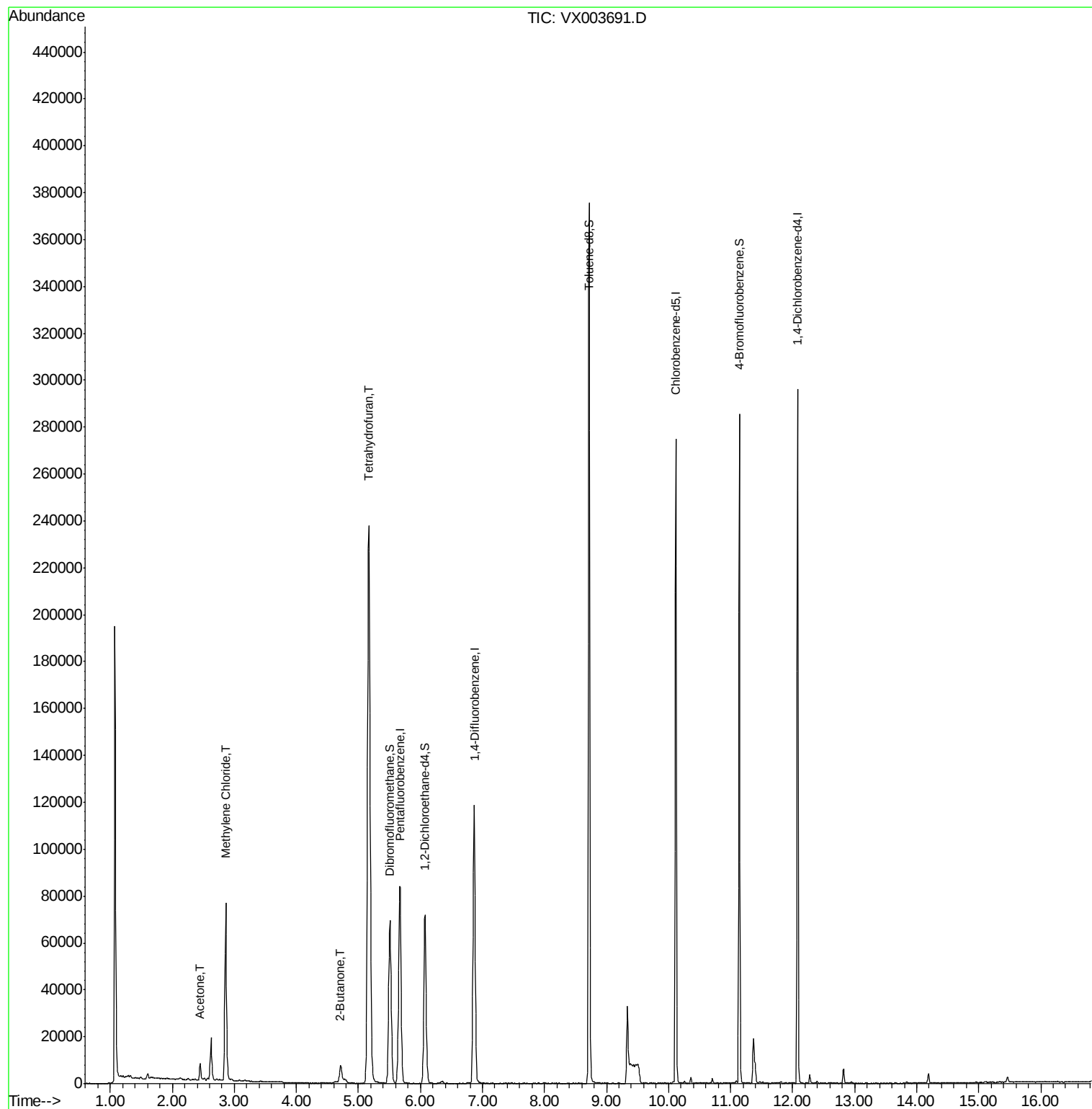
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	115713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	59224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	68089	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	5.51	113	59021	62.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.78%	
50) Toluene-d8	8.72	98	213385	59.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.22%	
62) 4-Bromofluorobenzene	11.14	95	68006	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
16) Acetone	2.45	43	7358	12.83	ug/l	97
20) Methylene Chloride	2.86	84	35202	30.98	ug/l	96
25) 2-Butanone	4.71	43	13458	15.19	ug/l	99
29) Tetrahydrofuran	5.17	42	216360	375.21	ug/l	98

(#) = 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# 833

Delta R.T. 0.00 min

Lab File: VX003691.D

Acq: 27 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

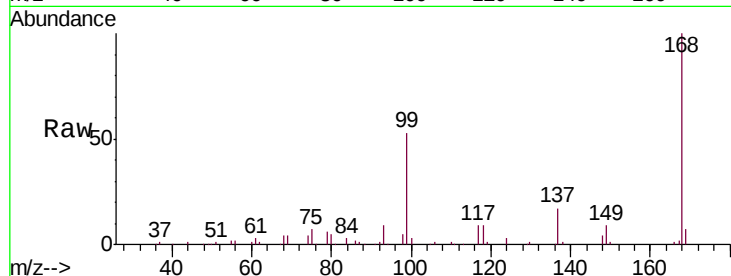
FL-EB-2018-1

Tot Ion:168 Resp: 82398

Ion Ratio Lower Upper

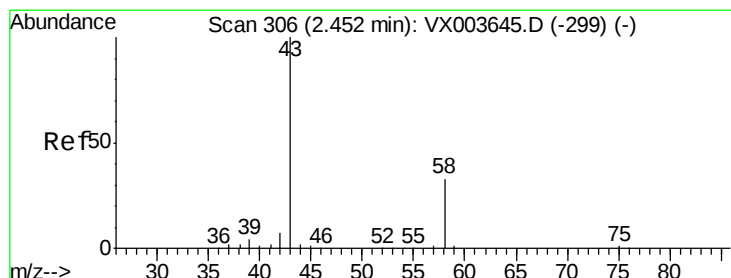
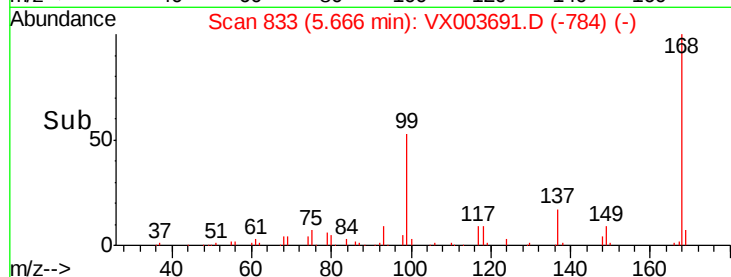
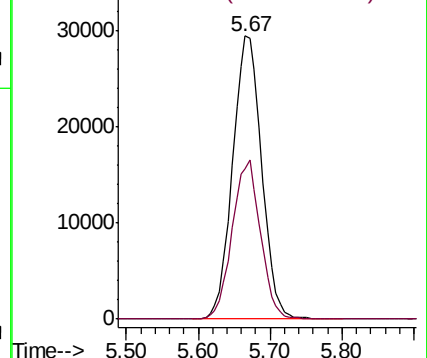
168 100

99 53.2 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003691.D

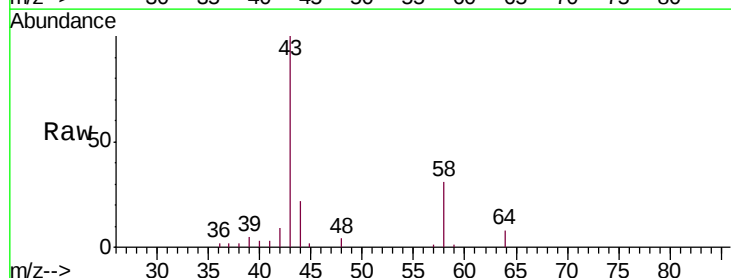
Acq: 27 Jul 2018 02:00

Tgt Ion: 43 Resp: 7358

Ion Ratio Lower Upper

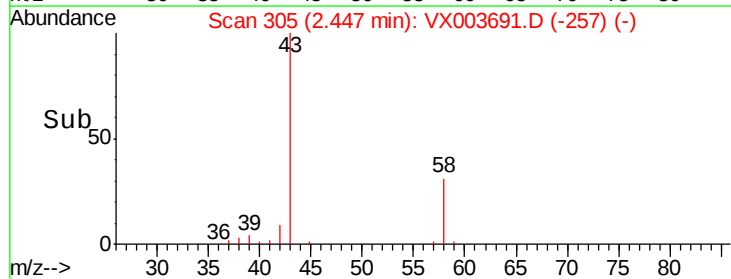
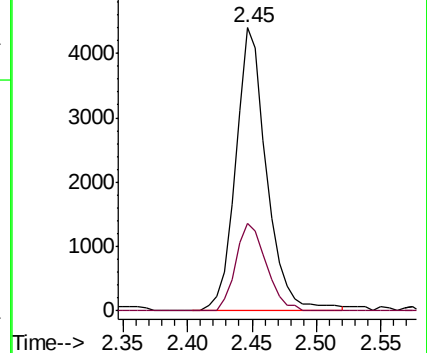
43 100

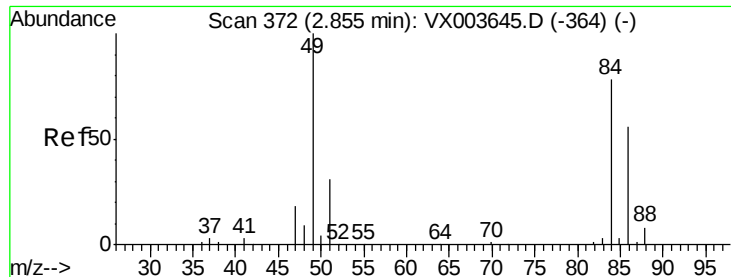
58 30.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

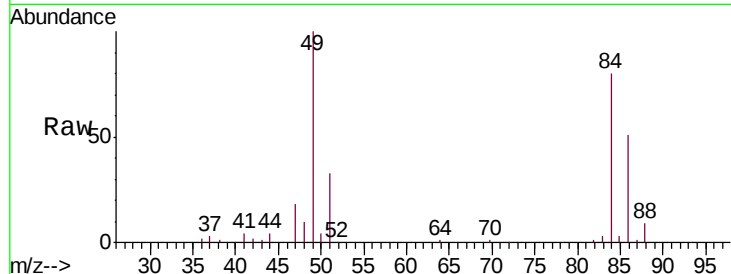




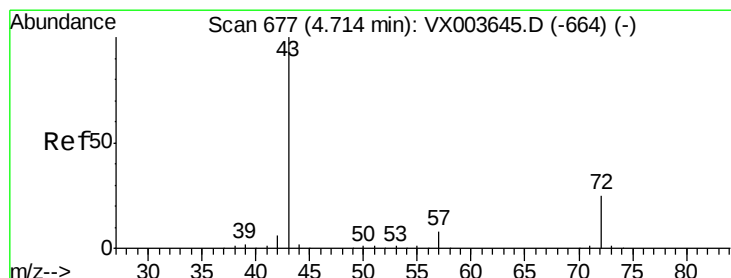
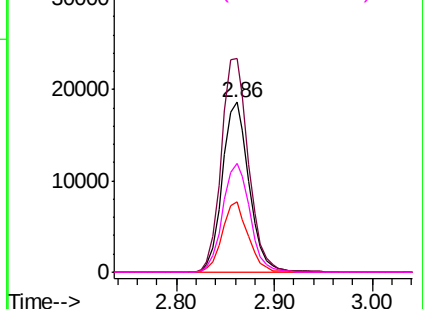
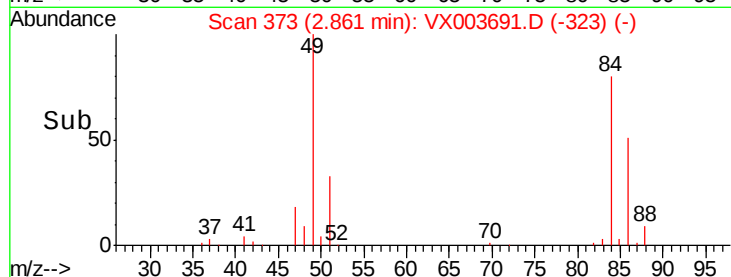
#20
Methvlene Chloride
Concen: 30.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampled :
FL-EB-2018-1

Tot Ion: 84 Resp: 35202
Ion Ratio Lower Upper
84 100
49 125.7 102.3 153.5
51 41.4 31.8 47.8
86 64.1 57.4 86.2

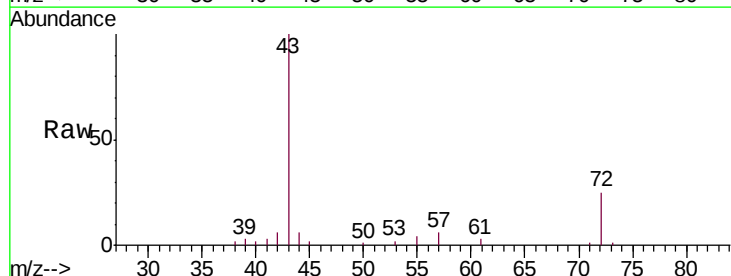


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

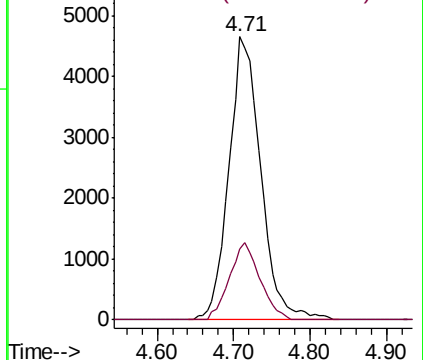
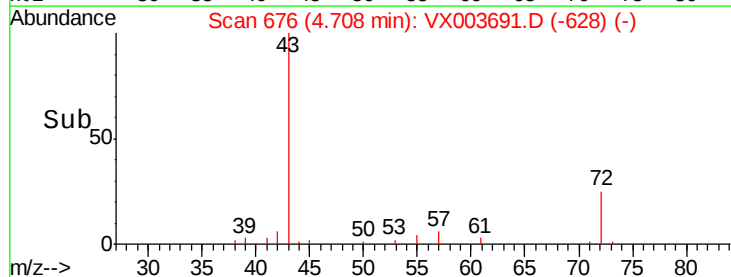


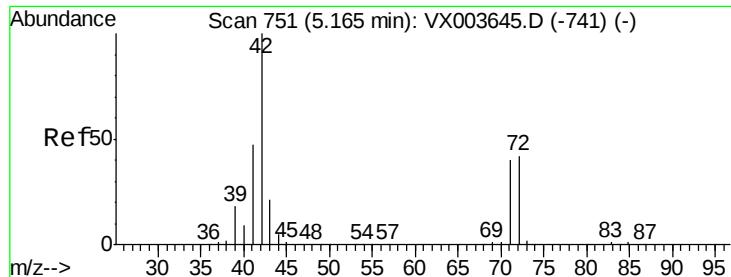
#25
2-Butanone
Concen: 15.19 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Tgt Ion: 43 Resp: 13458
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 375.21 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003691.D

Acq: 27 Jul 2018 02:00

Instrument :

MSVOA_X

ClientSampleId :

FL-EB-2018-1

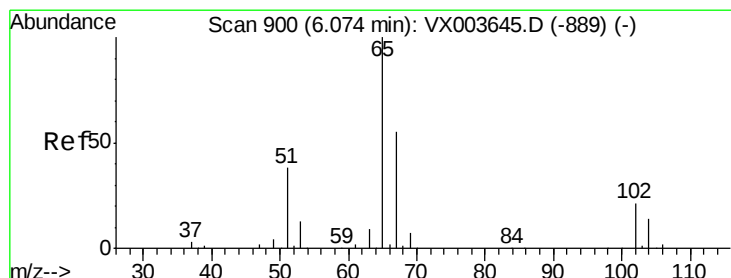
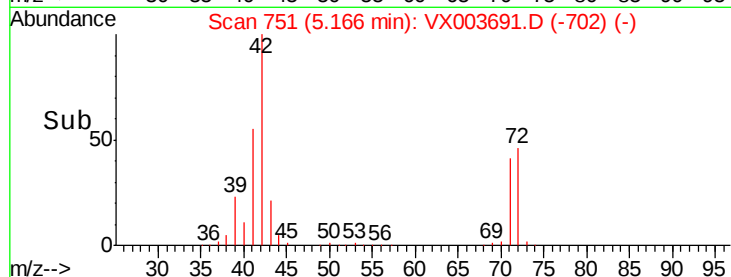
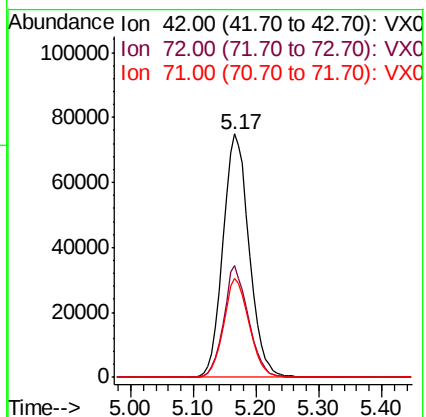
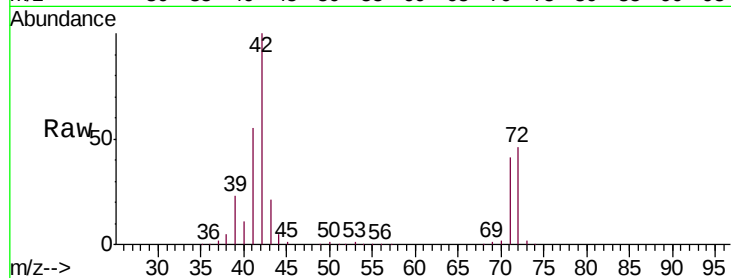
Tot Ion: 42 Resp: 216360

Ion Ratio Lower Upper

42 100

72 42.9 33.4 50.0

71 39.5 31.0 46.6



#33

1,2-Dichloroethane-d4

Concen: 55.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003691.D

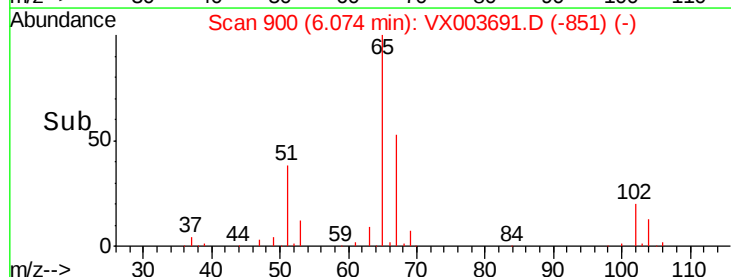
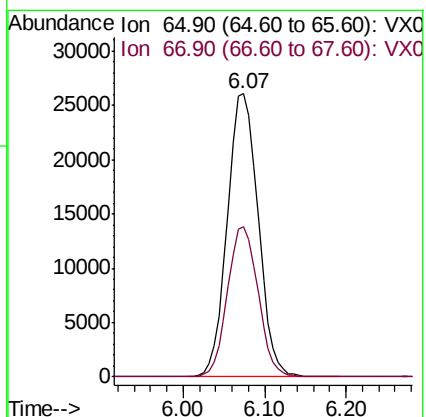
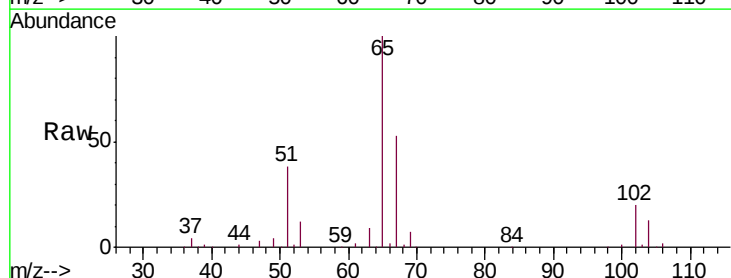
Acq: 27 Jul 2018 02:00

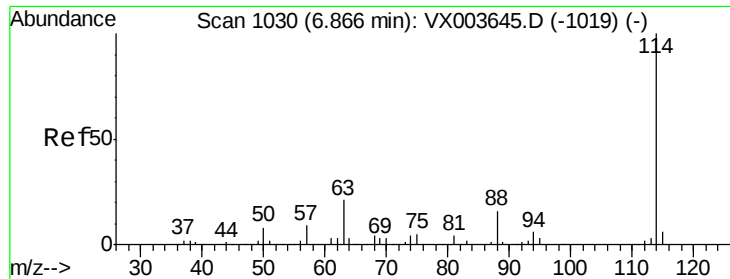
Tgt Ion: 65 Resp: 68089

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.8

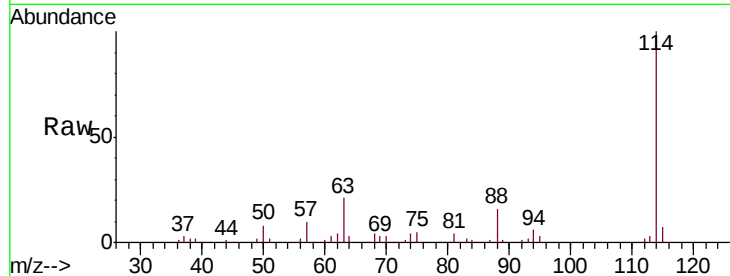




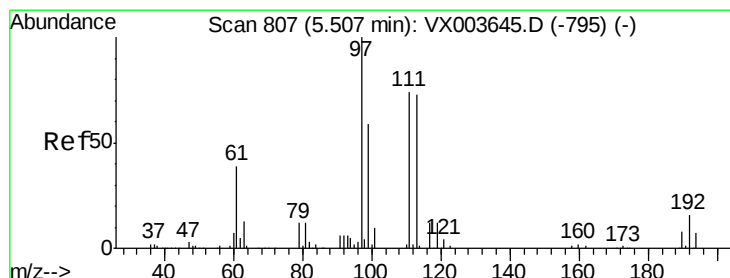
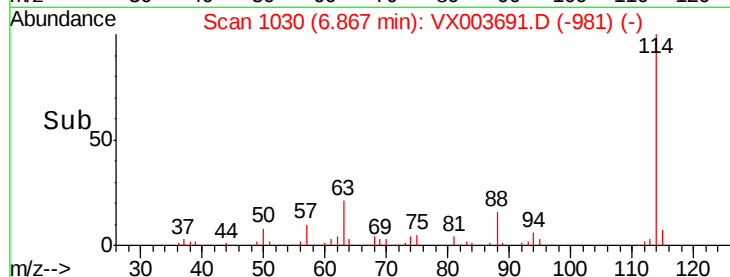
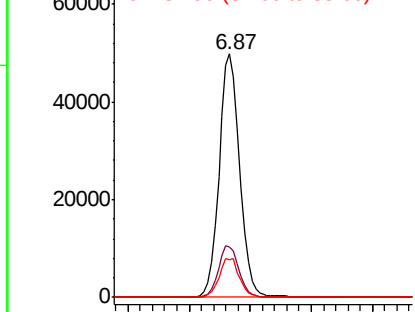
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampleId :
FL-EB-2018-1

Tot Ion:114 Resp: 115713
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.0
88 15.5 0.0 31.8

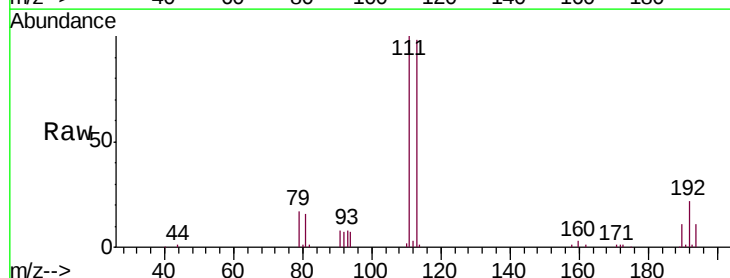


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

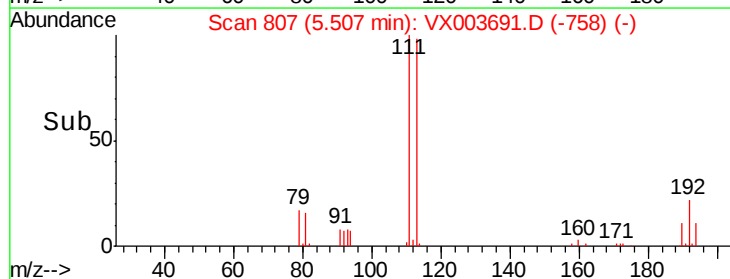
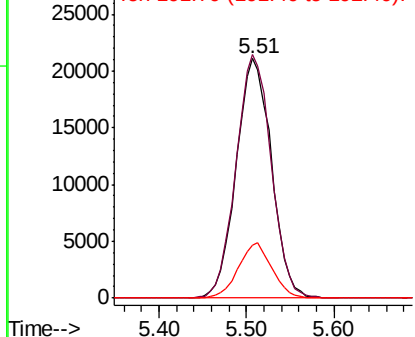


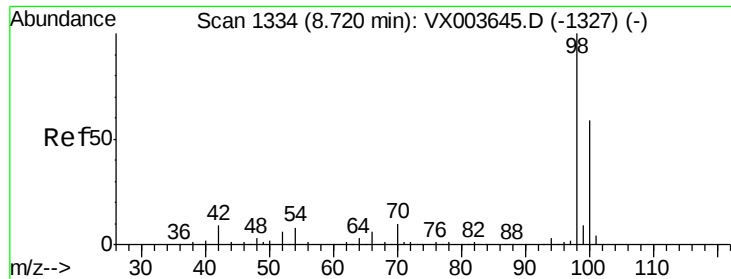
#35
Dibromofluoromethane
Concen: 62.39 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Tgt Ion:113 Resp: 59021
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 22.0 18.2 27.4



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

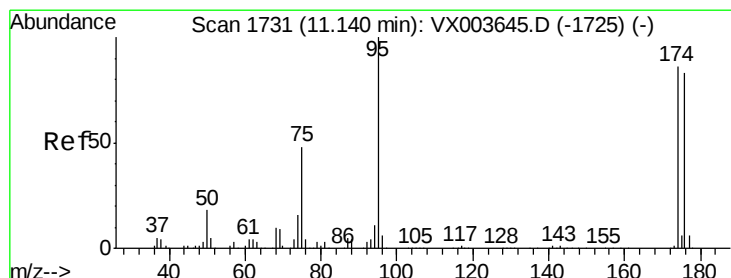
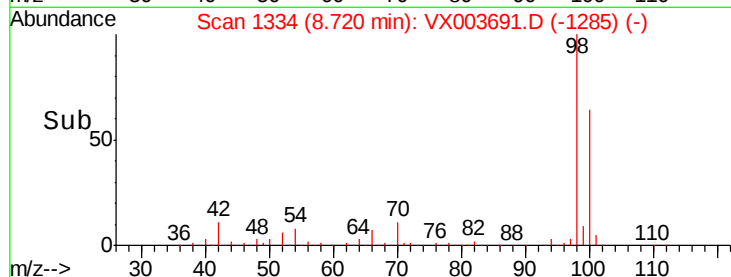
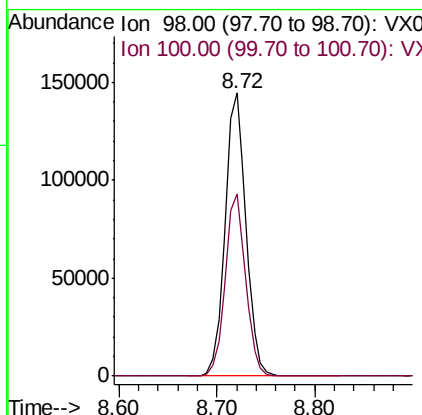
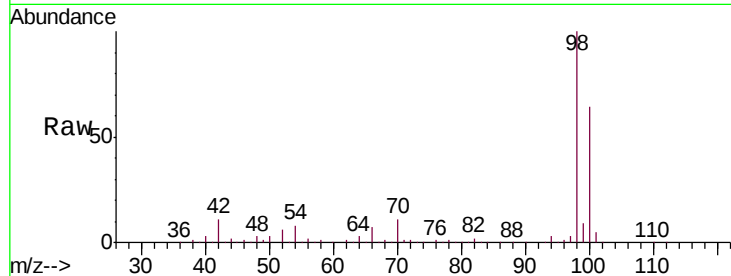




#50
Toluene-d8
Concen: 59.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

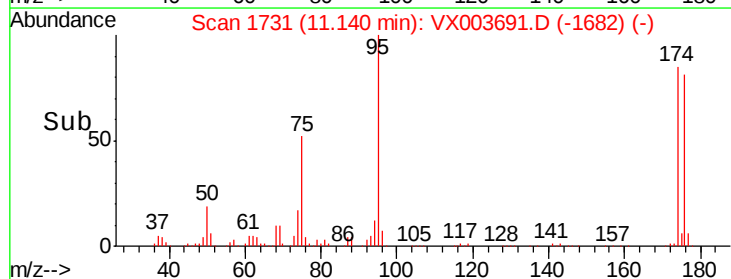
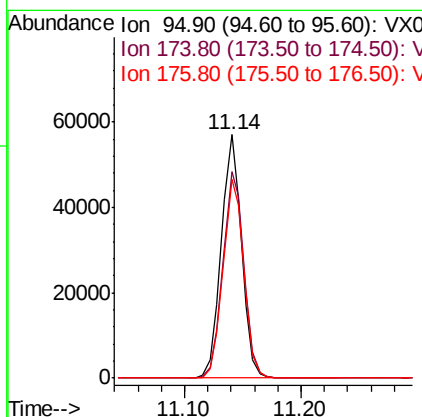
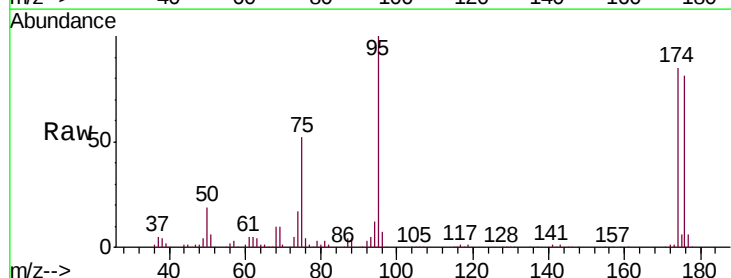
Instrument :
MSVOA_X
ClientSampleId :
FL-EB-2018-1

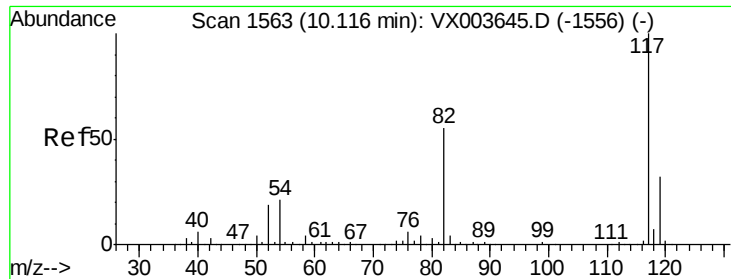
Tot Ion: 98 Resp: 21385
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Tgt Ion: 95 Resp: 68006
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.0
176 84.0 0.0 173.0

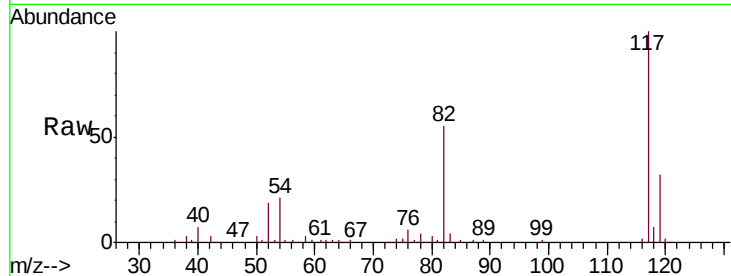




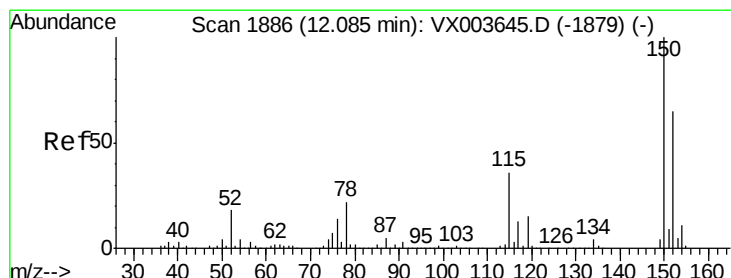
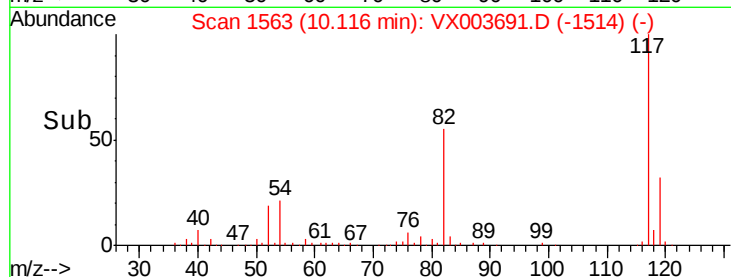
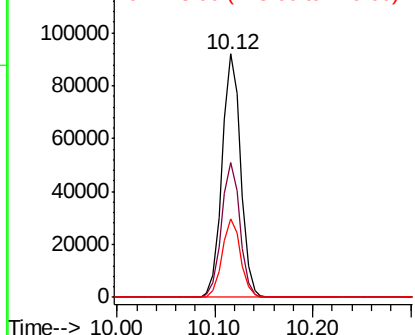
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Instrument :
MSVOA_X
ClientSampled :
FL-EB-2018-1

Tot Ion:117 Resp: 121244
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.1 25.6 38.4

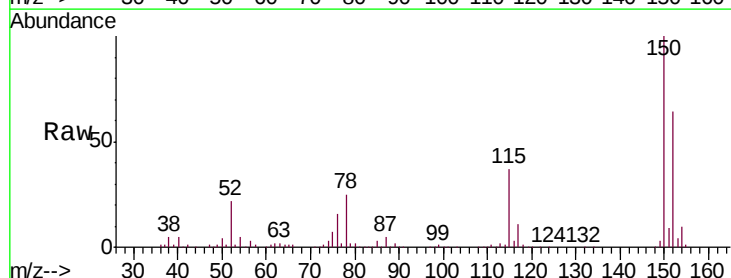


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003691.D
Acq: 27 Jul 2018 02:00

Tgt Ion:152 Resp: 59224
Ion Ratio Lower Upper
152 100
115 55.7 40.0 119.9
150 157.5 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

