

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007203.D
 Acq On : 24 Jan 2019 15:02
 Operator : JC/SP
 Sample : K1003-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-012319

Quant Time: Jan 25 01:23:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

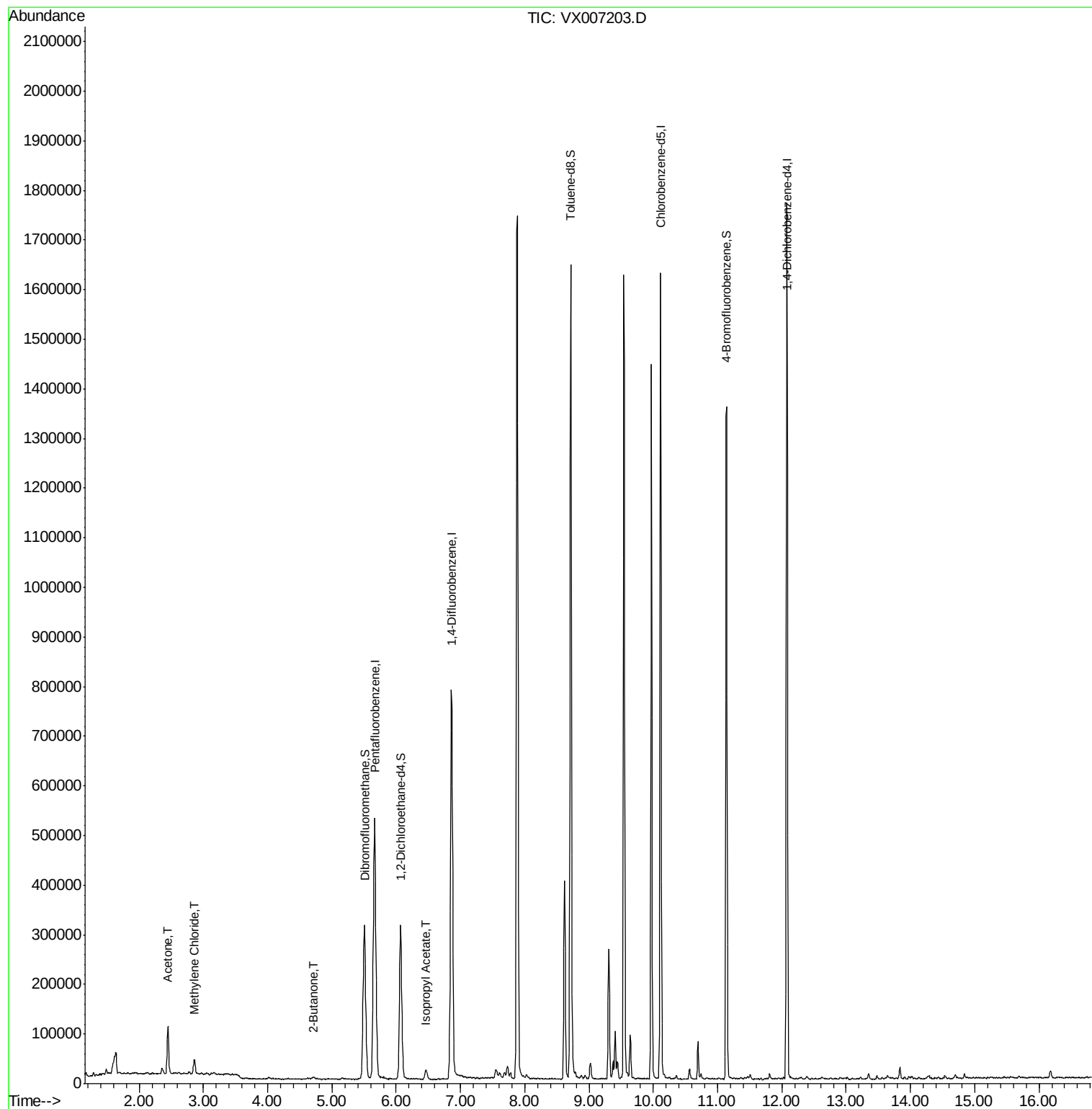
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	540940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	828226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	789877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287438	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	5.51	113	259726	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	1009879	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	351956	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
Target Compounds						
16) Acetone	2.45	43	106026	37.937	ug/l	98
20) Methylene Chloride	2.85	84	15272	2.333	ug/l	99
25) 2-Butanone	4.71	43	7339	1.835	ug/l	98
43) Isopropyl Acetate	6.46	43	25401	2.086	ug/l	96

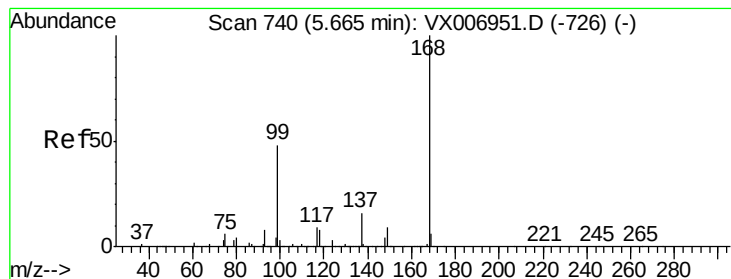
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007203.D

Acq: 24 Jan 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

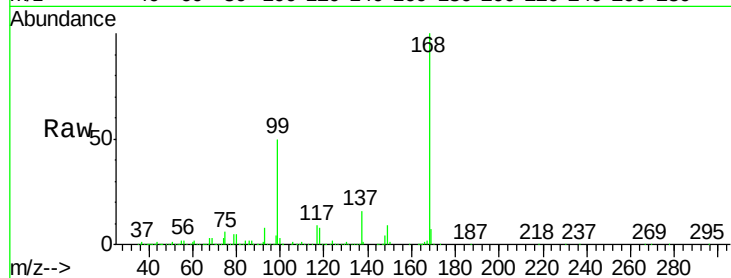
BU-02-012319

Tot Ion:168 Resp: 540940

Ion Ratio Lower Upper

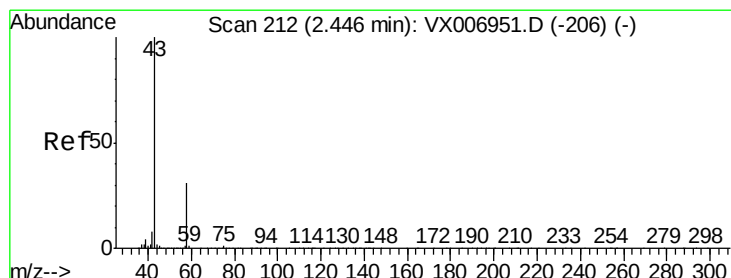
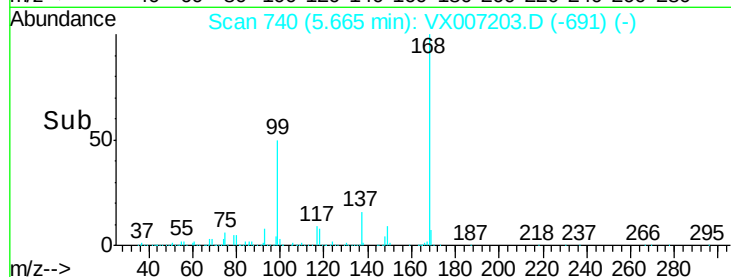
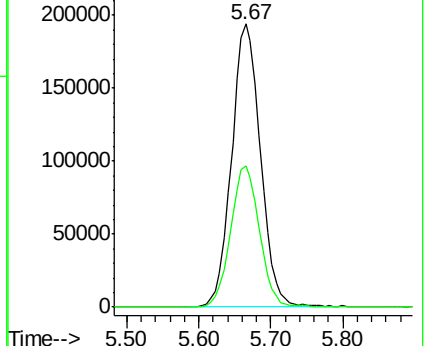
168 100

99 49.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 37.937 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007203.D

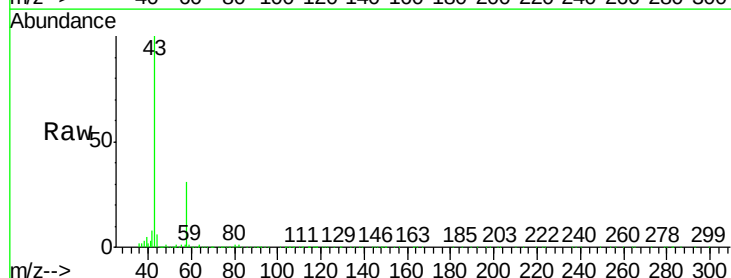
Acq: 24 Jan 2019 15:02

Tgt Ion: 43 Resp: 106026

Ion Ratio Lower Upper

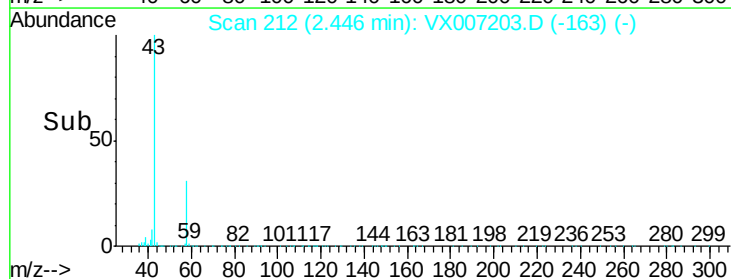
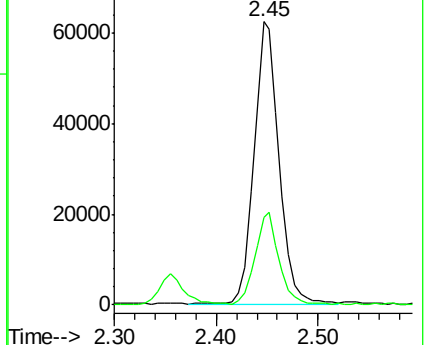
43 100

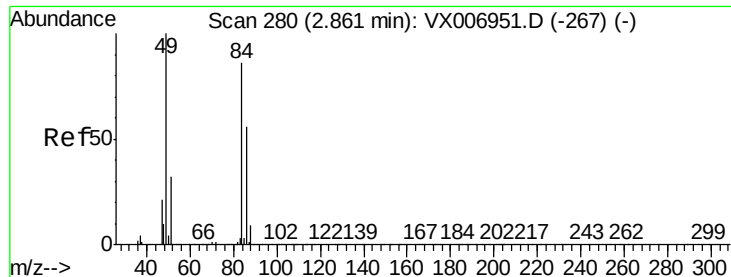
58 30.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

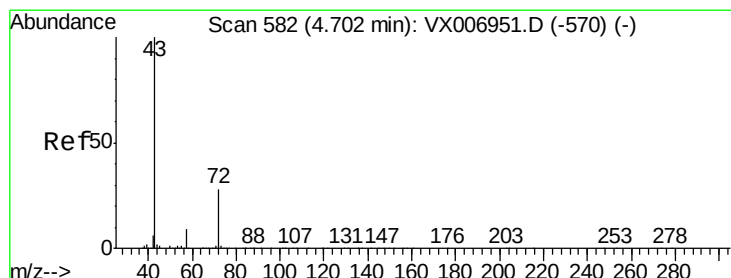
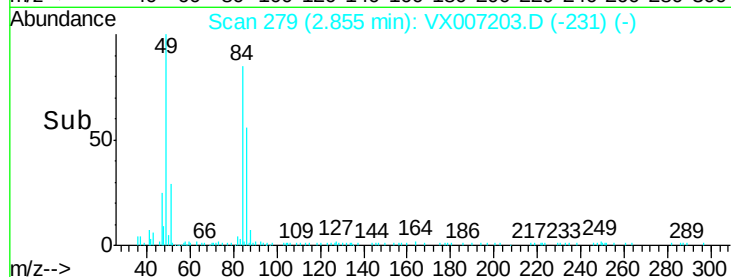
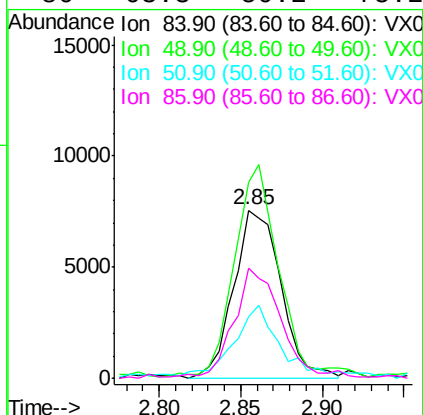
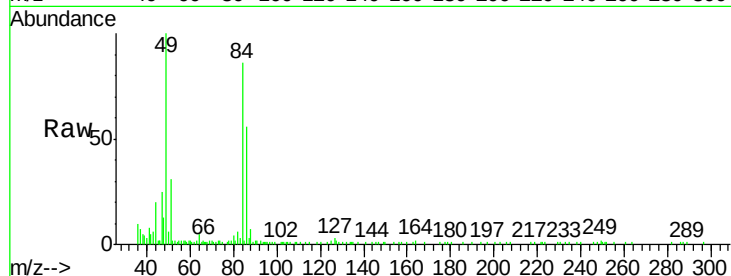




#20
Methvlene Chloride
Concen: 2.333 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007203.D
Acq: 24 Jan 2019 15:02

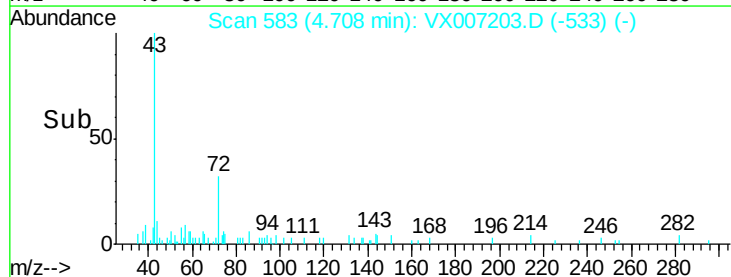
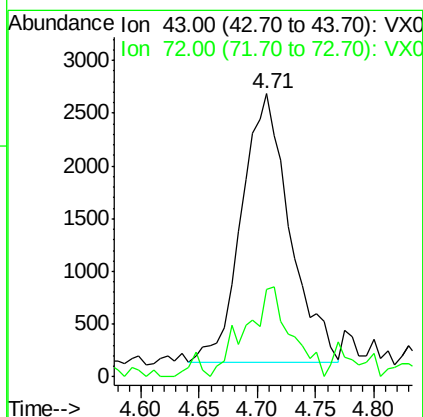
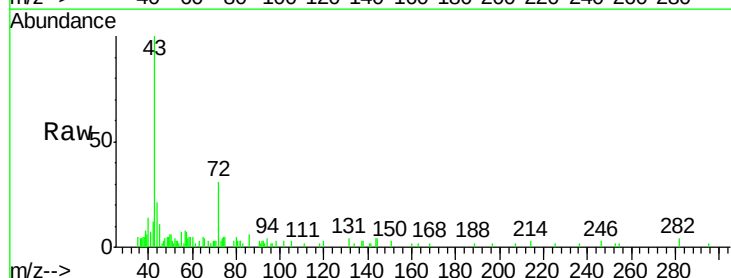
Instrument :
MSVOA_X
ClientSampleId :
BU-02-012319

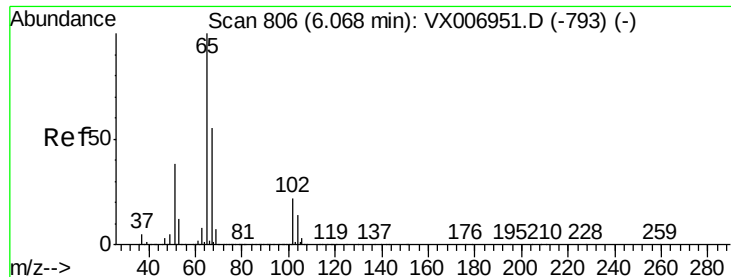
Tot Ion:	84	Resp:	15272
Ion	Ratio	Lower	Upper
84	100		
49	114.5	91.8	137.6
51	32.8	28.5	42.7
86	63.3	50.2	75.2



#25
2-Butanone
Concen: 1.835 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007203.D
Acq: 24 Jan 2019 15:02

Tgt Ion:	43	Resp:	7339
Ion	Ratio	Lower	Upper
43	100		
72	29.3	22.4	33.6

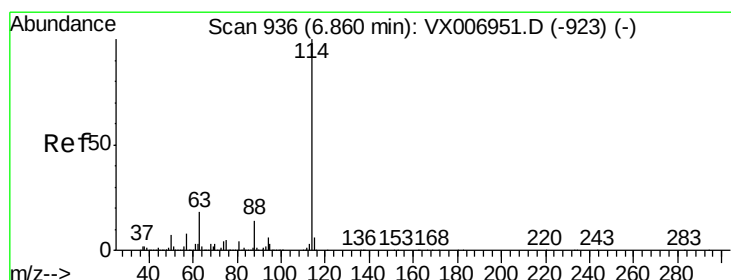
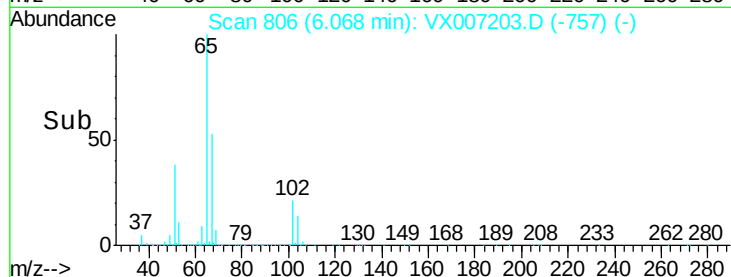
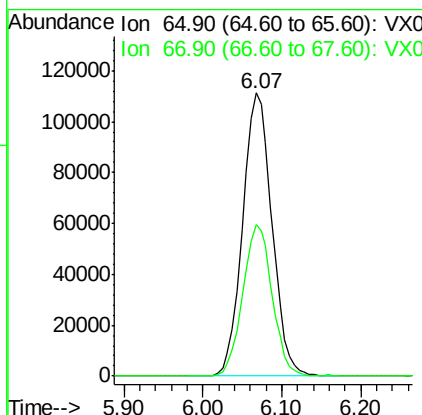
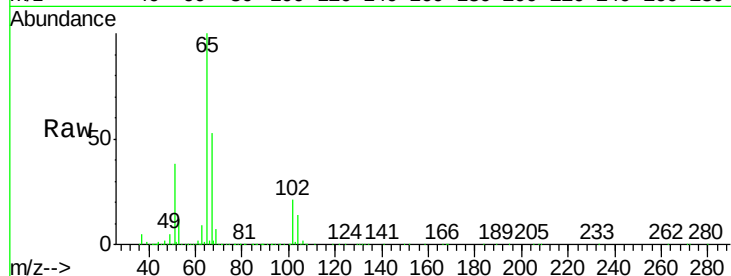




#33
 1,2-Dichloroethane-d4
 Concen: 50.844 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007203.D
 Acq: 24 Jan 2019 15:02

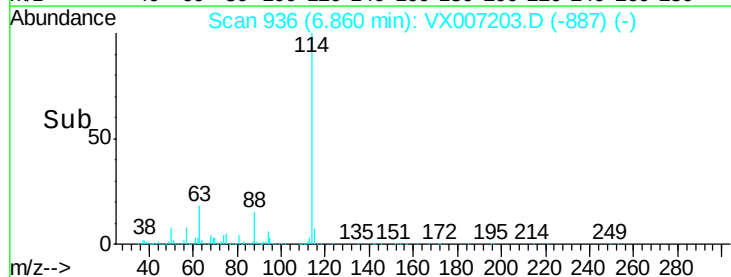
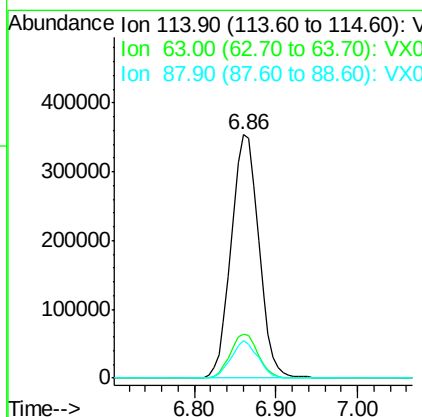
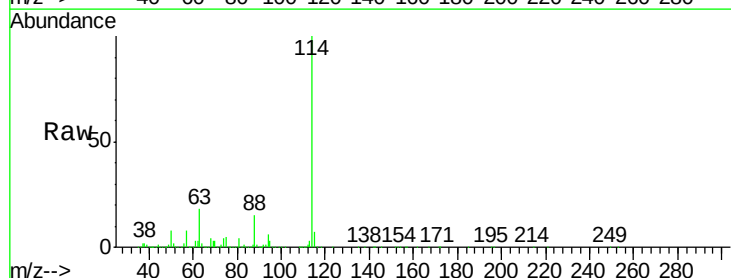
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-012319

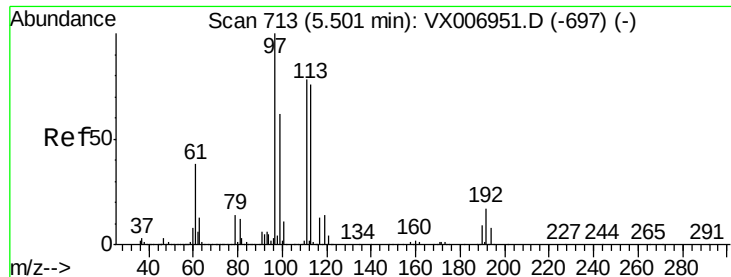
Tot Ion: 65 Resp: 287438
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007203.D
 Acq: 24 Jan 2019 15:02

Tgt Ion: 114 Resp: 828226
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 15.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.969 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007203.D

Acq: 24 Jan 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

BU-02-012319

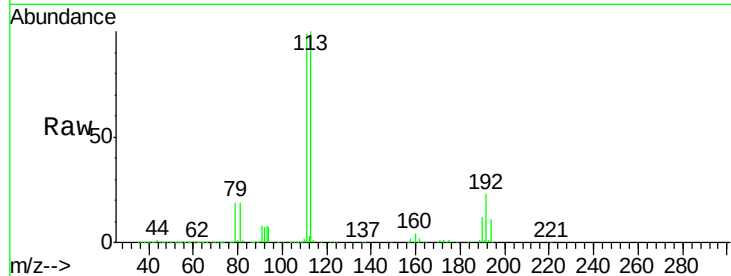
Tot Ion:113 Resp: 259726

Ion Ratio Lower Upper

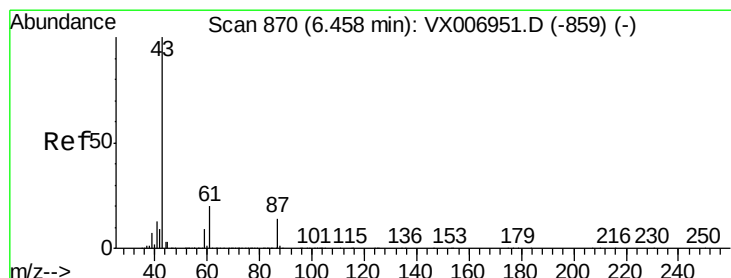
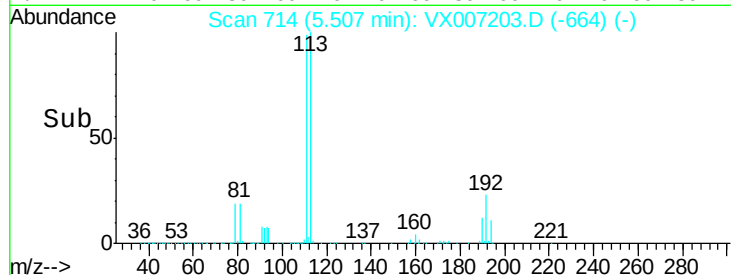
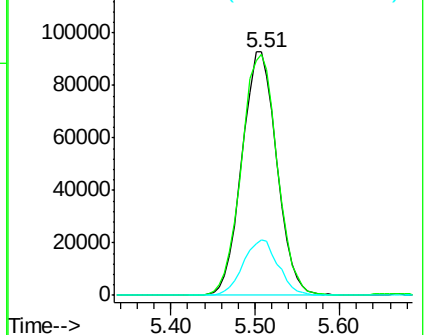
113 100

111 101.8 81.6 122.4

192 22.9 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 2.086 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007203.D

Acq: 24 Jan 2019 15:02

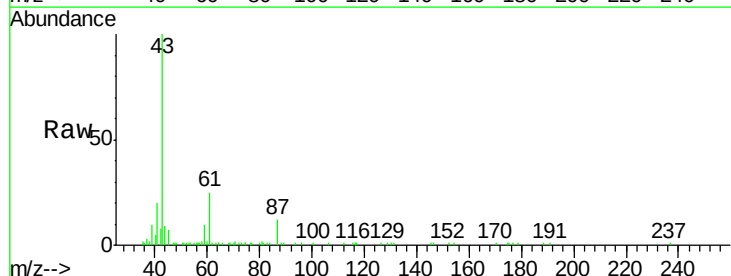
Tgt Ion: 43 Resp: 25401

Ion Ratio Lower Upper

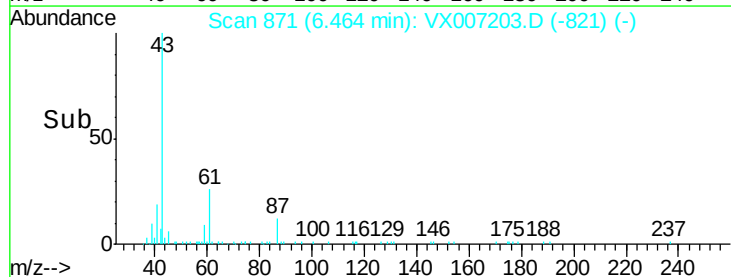
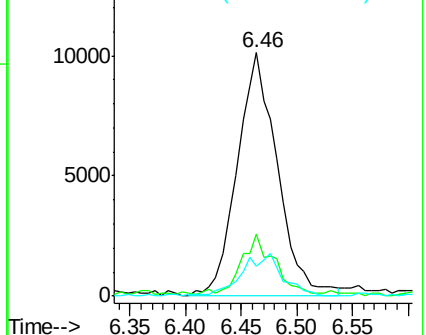
43 100

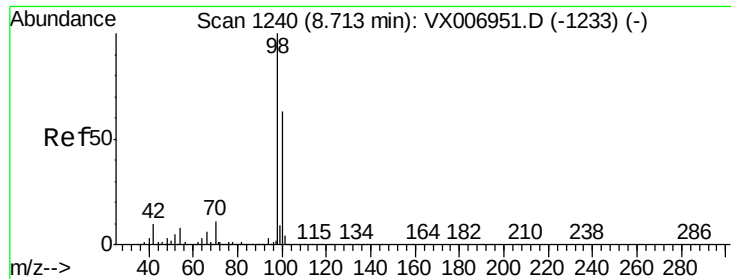
61 22.0 16.8 25.2

87 17.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.018 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007203.D

Acq: 24 Jan 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

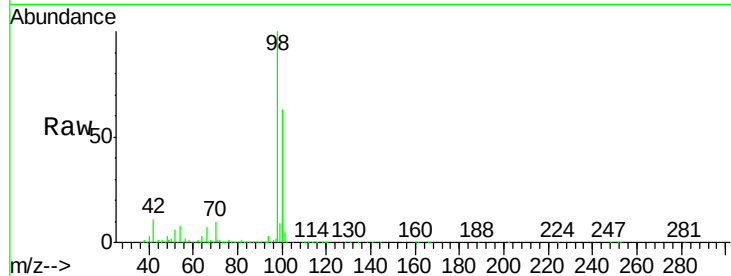
BU-02-012319

Tot Ion: 98 Resp: 1009879

Ion Ratio Lower Upper

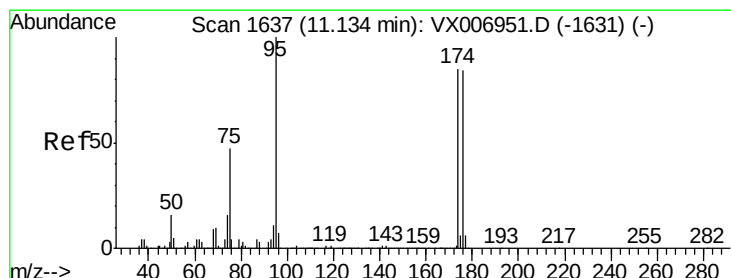
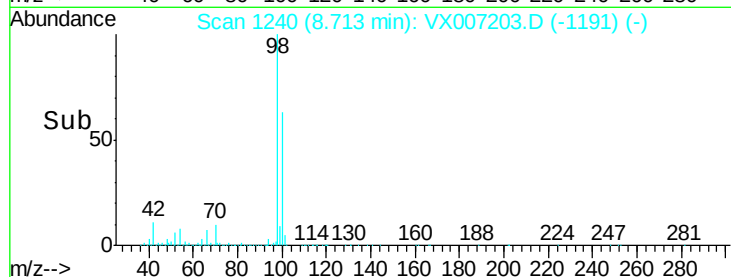
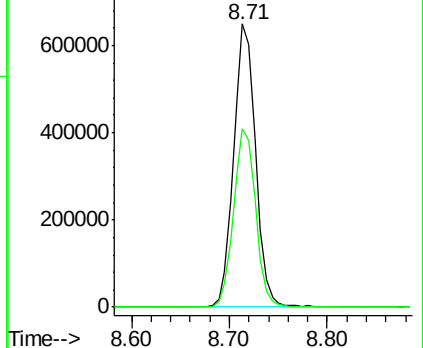
98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007203.D

Acq: 24 Jan 2019 15:02

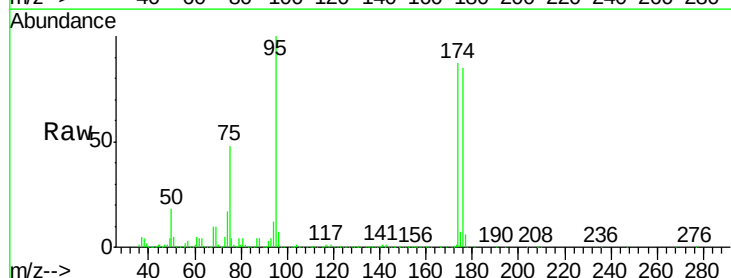
Tgt Ion: 95 Resp: 351956

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

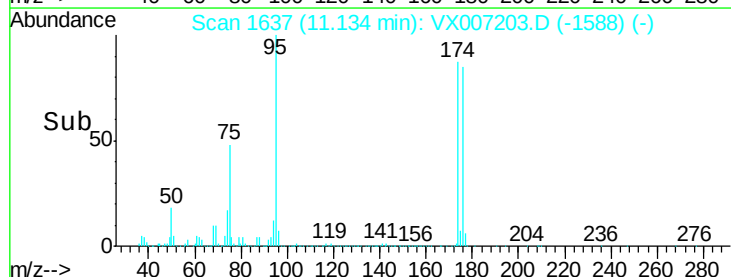
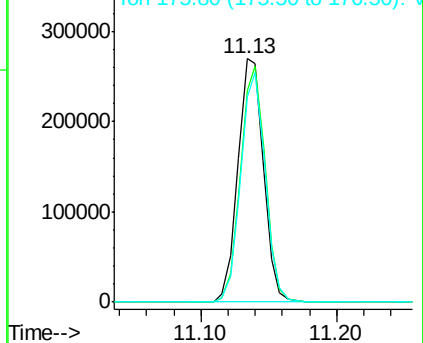
176 90.9 0.0 178.8

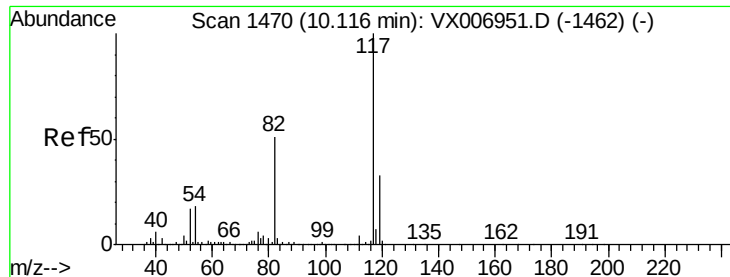


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

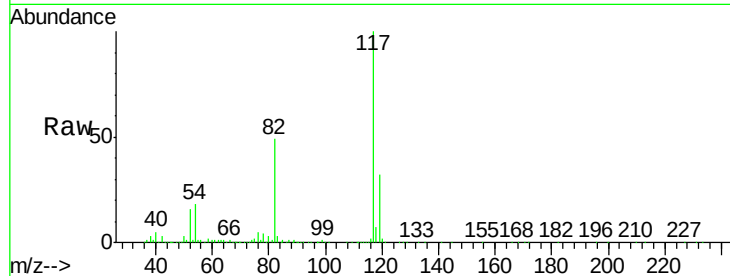




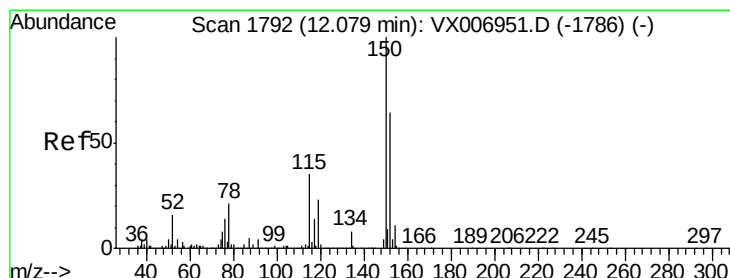
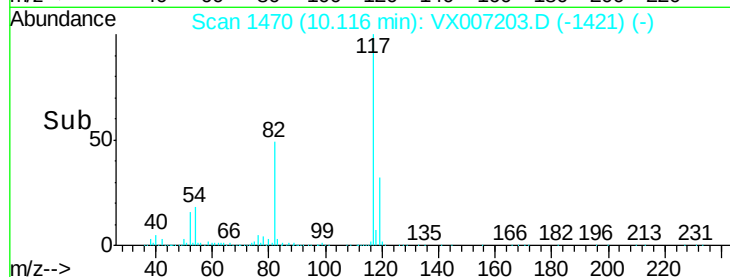
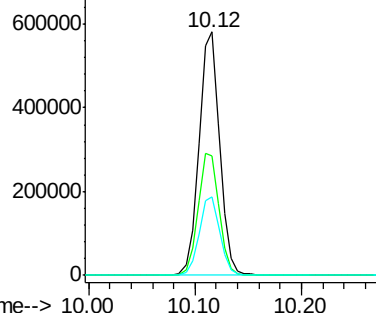
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007203.D
Acq: 24 Jan 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
BU-02-012319

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	41.0	61.6
119	32.2	25.4	38.0

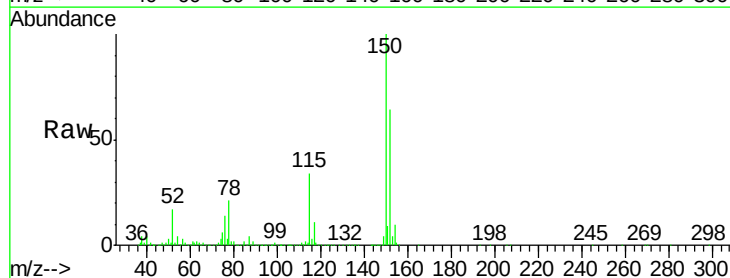


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007203.D
Acq: 24 Jan 2019 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.2
150	155.1	0.0	344.8



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

