

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007292.D
 Acq On : 29 Jan 2019 17:02
 Operator : JC/SP
 Sample : PB116677ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

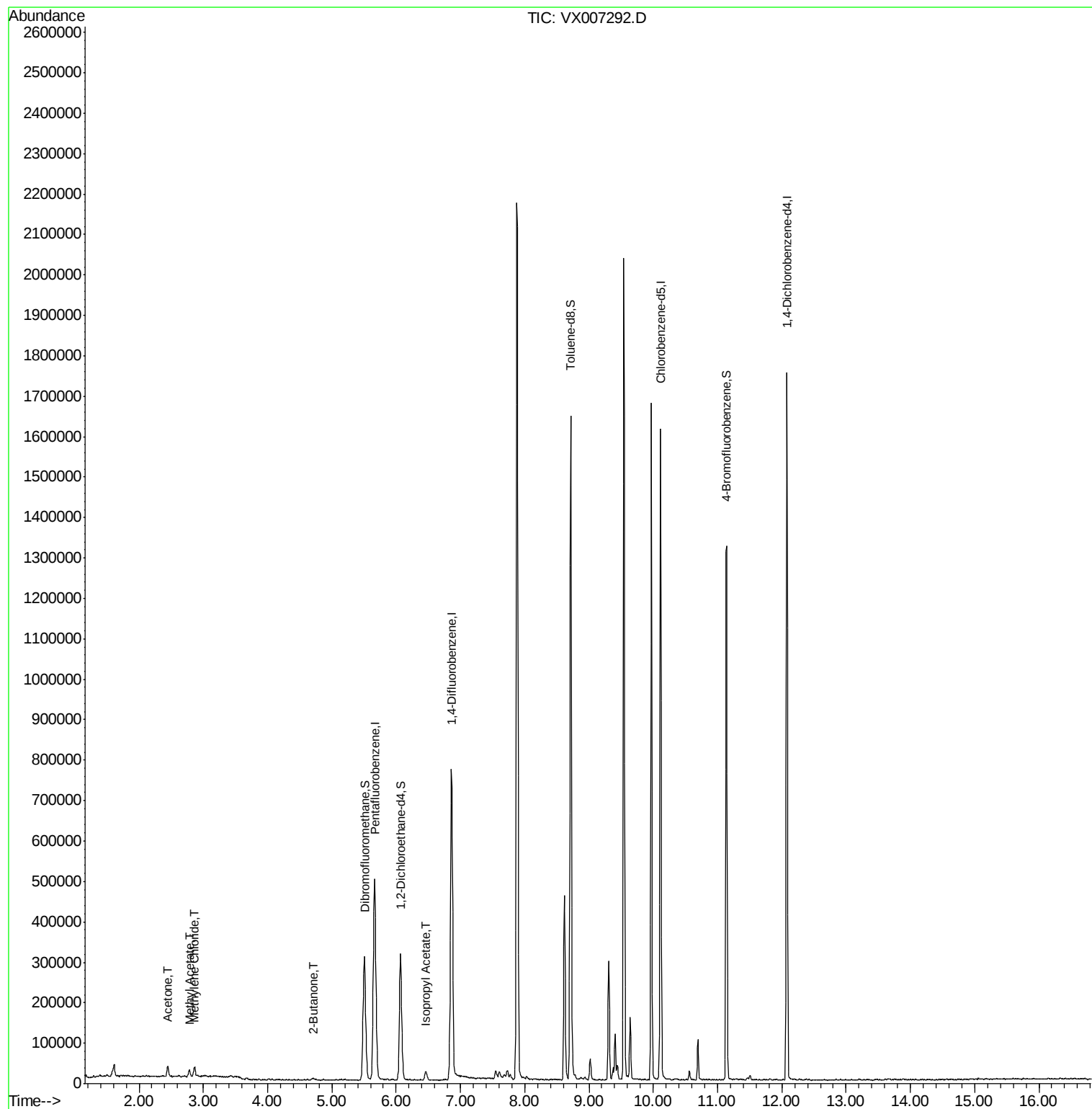
Quant Time: Jan 30 03:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

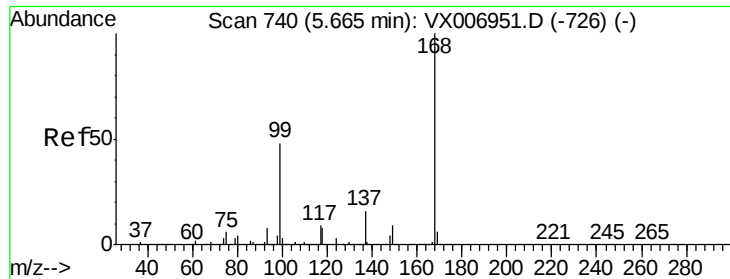
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	527876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	816275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	784279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284658	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	5.51	113	255166	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	992943	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	344569	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
16) Acetone	2.45	43	29254	10.726	ug/l	94
18) Methyl Acetate	2.78	43	19113	2.420	ug/l	96
20) Methylene Chloride	2.86	84	12336	1.833	ug/l	97
25) 2-Butanone	4.71	43	6929	1.776	ug/l	95
43) Isopropyl Acetate	6.46	43	27110	2.259	ug/l	96

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

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Quant Title : SW846 8260
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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: VX007292.D

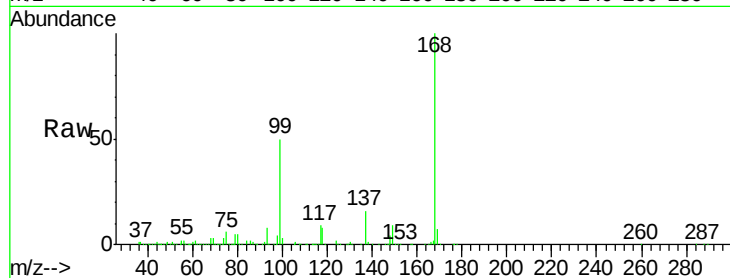
Acq: 29 Jan 2019 17:02

Tot Ion:168 Resp: 527876

Ion Ratio Lower Upper

168 100

99 50.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

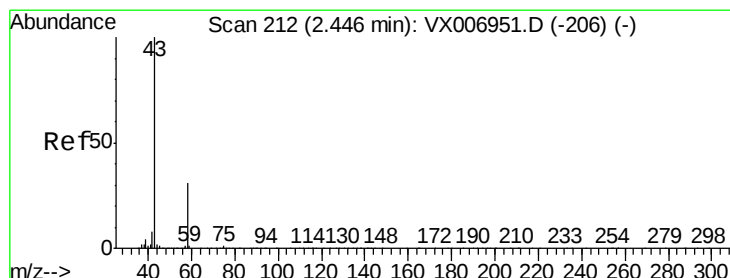
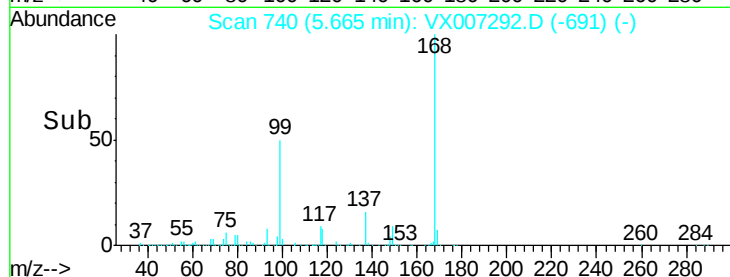
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.726 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007292.D

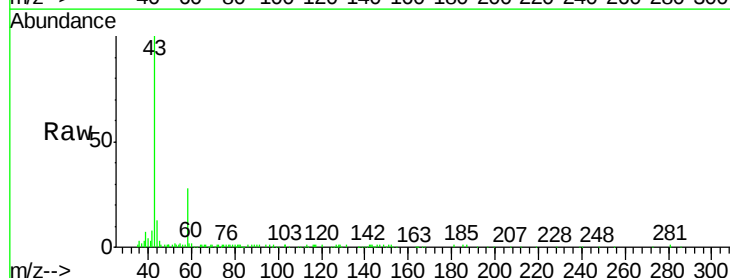
Acq: 29 Jan 2019 17:02

Tgt Ion: 43 Resp: 29254

Ion Ratio Lower Upper

43 100

58 27.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

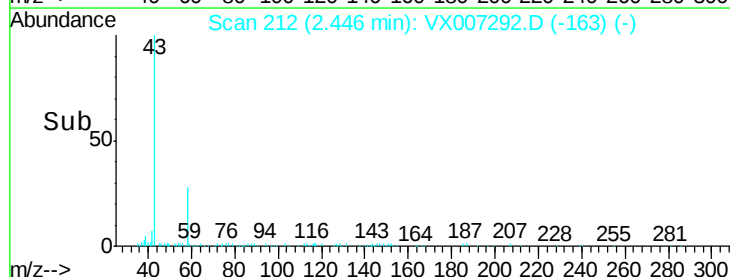
15000

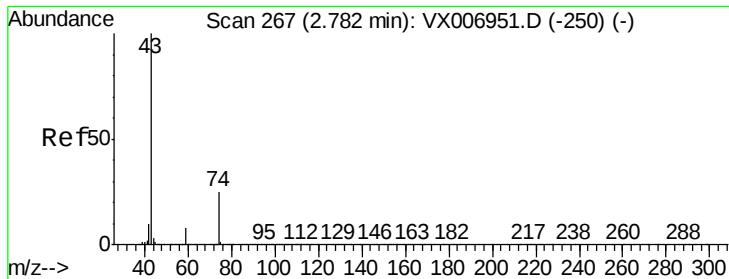
10000

5000

0

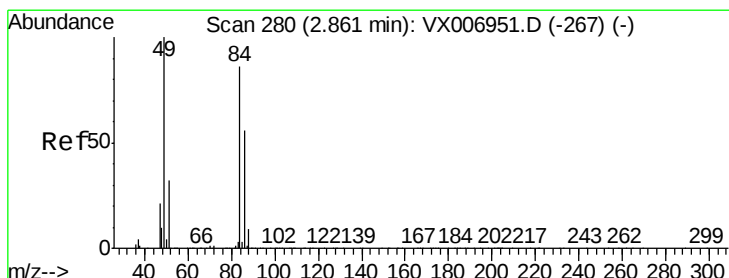
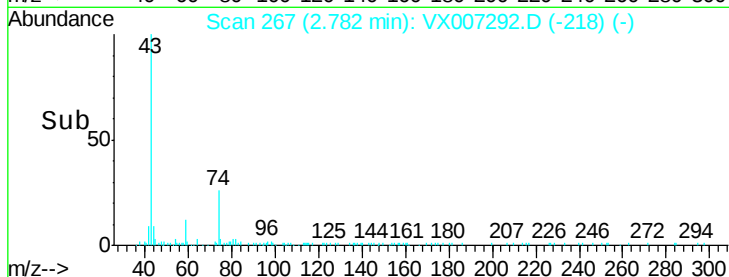
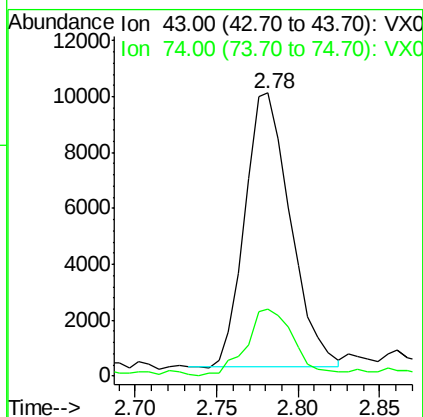
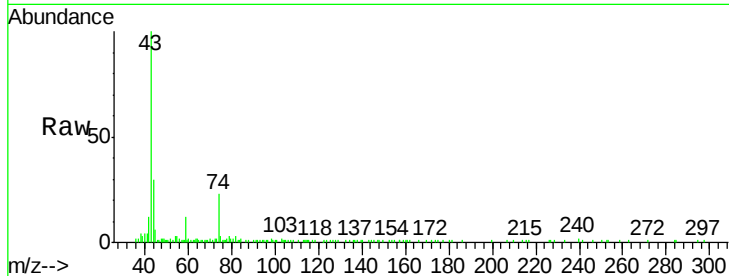
Time--> 2.40 2.45 2.50 2.55





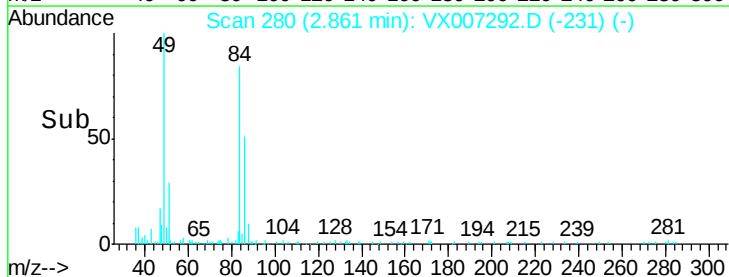
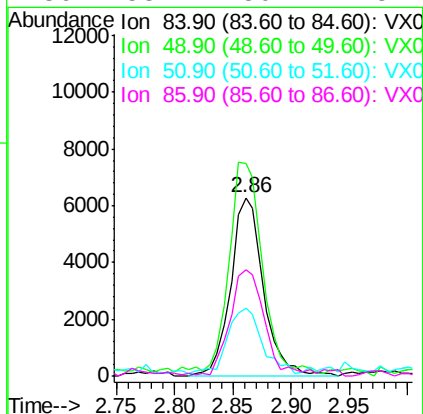
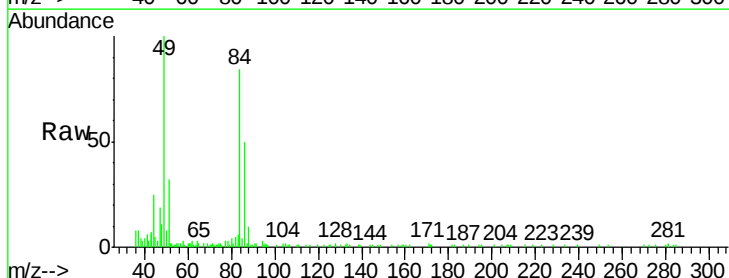
#18
Methyl Acetate
Concen: 2.420 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007292.D
Acq: 29 Jan 2019 17:02

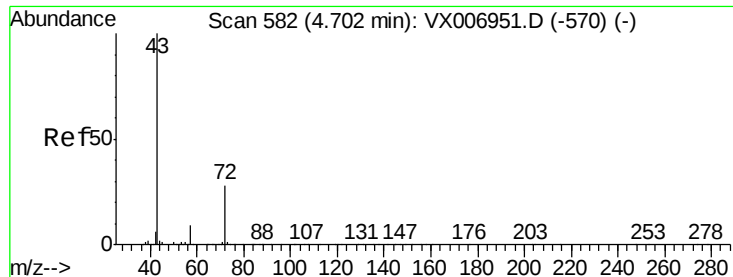
Tot Ion: 43 Resp: 19113
Ion Ratio Lower Upper
43 100
74 25.3 18.6 28.0



#20
Methylene Chloride
Concen: 1.833 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007292.D
Acq: 29 Jan 2019 17:02

Tgt Ion: 84 Resp: 12336
Ion Ratio Lower Upper
84 100
49 116.3 91.8 137.6
51 36.2 28.5 42.7
86 58.1 50.2 75.2





#25

2-Butanone

Concen: 1.776 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007292.D

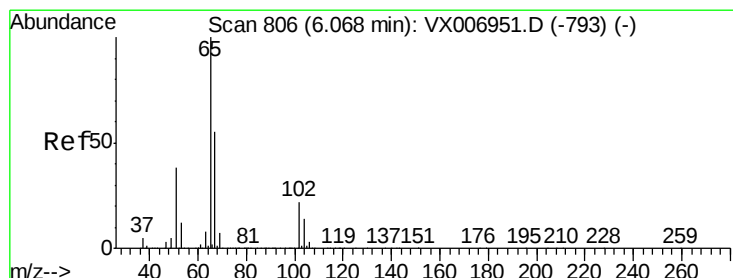
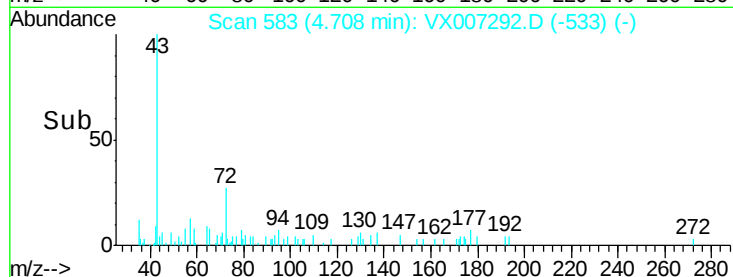
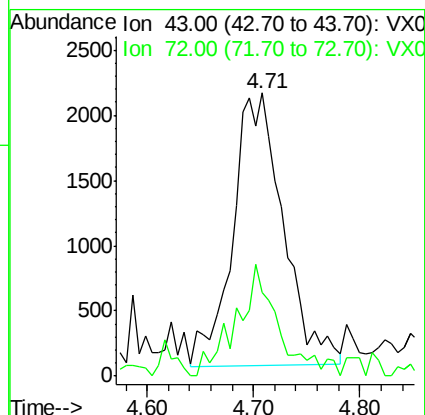
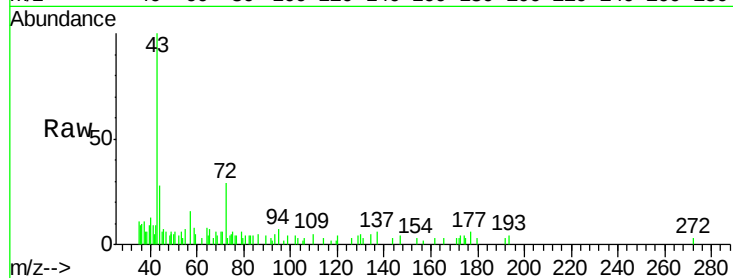
Acq: 29 Jan 2019 17:02

Tot Ion: 43 Resp: 6929

Ion Ratio Lower Upper

43 100

72 30.7 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007292.D

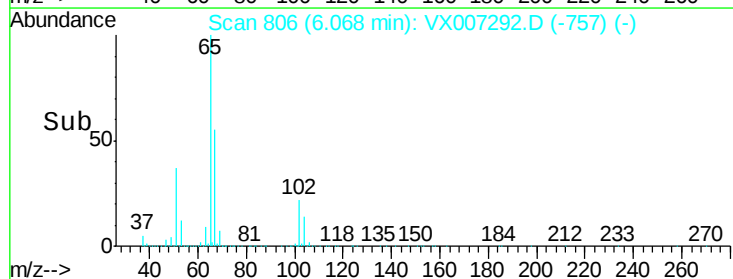
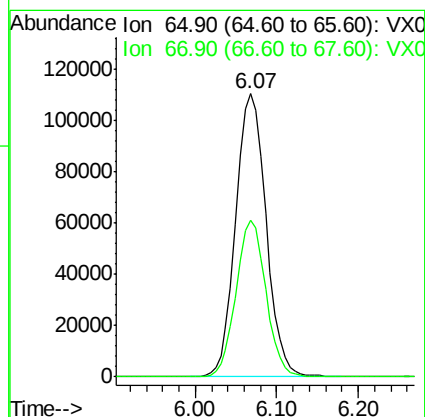
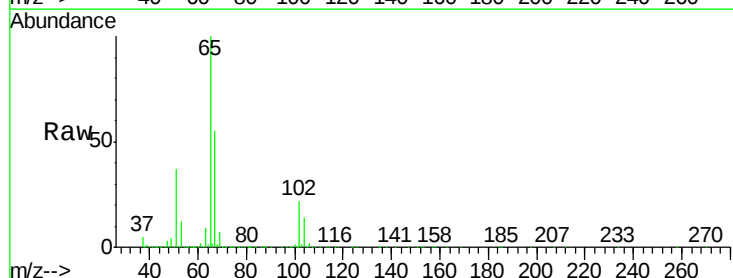
Acq: 29 Jan 2019 17:02

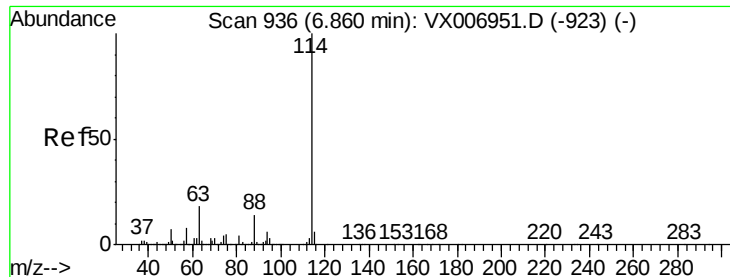
Tgt Ion: 65 Resp: 284658

Ion Ratio Lower Upper

65 100

67 54.6 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: VX007292.D

Acq: 29 Jan 2019 17:02

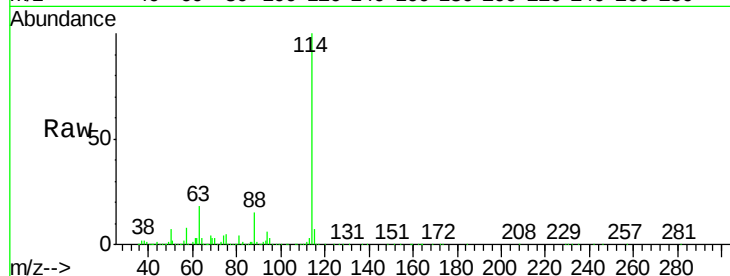
Tot Ion:114 Resp: 816275

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

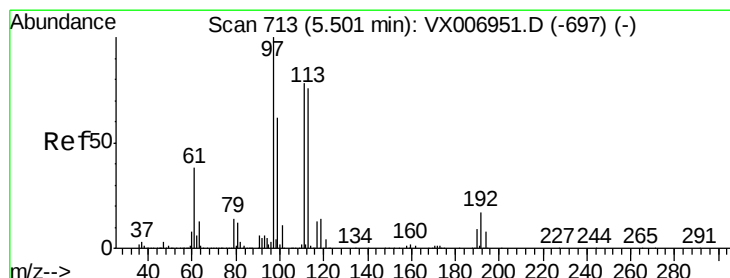
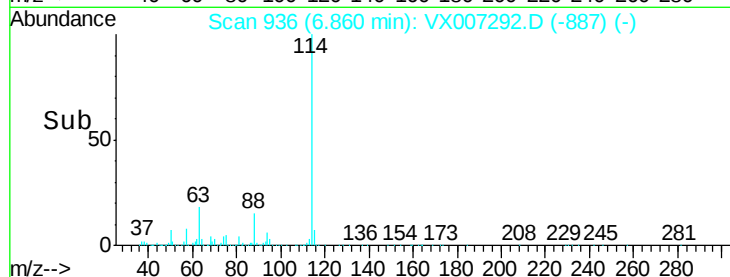
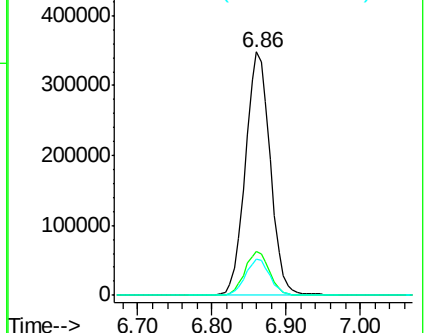
88 15.1 0.0 28.8



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: 48.813 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007292.D

Acq: 29 Jan 2019 17:02

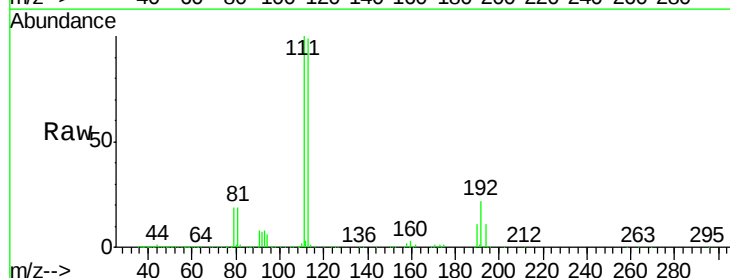
Tgt Ion:113 Resp: 255166

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

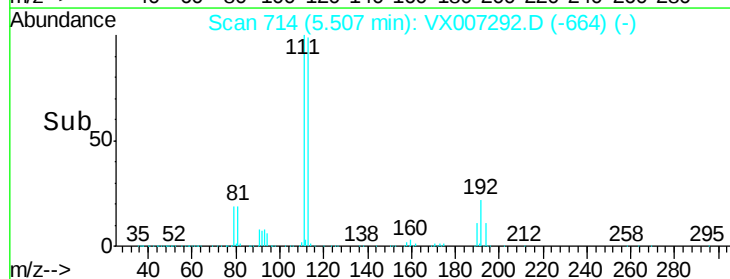
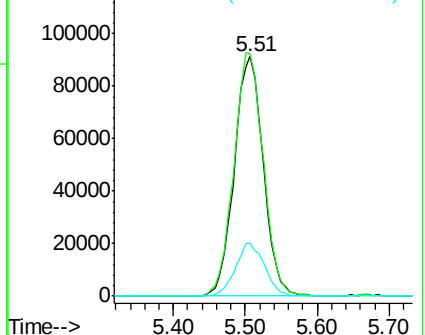
192 22.1 16.7 25.1

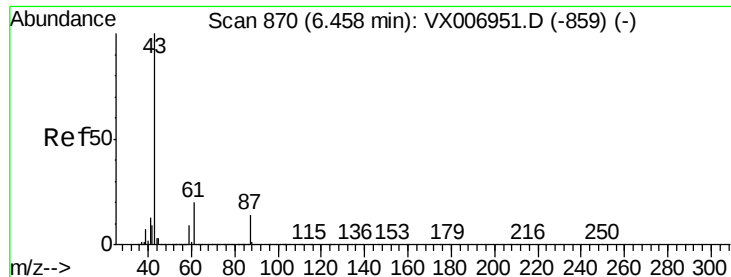


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.259 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007292.D

Acq: 29 Jan 2019 17:02

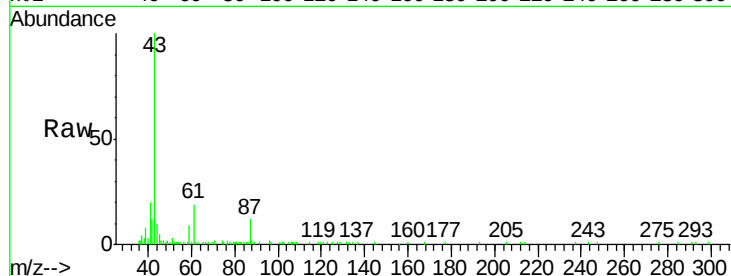
Tot Ion: 43 Resp: 27110

Ion Ratio Lower Upper

43 100

61 23.2 16.8 25.2

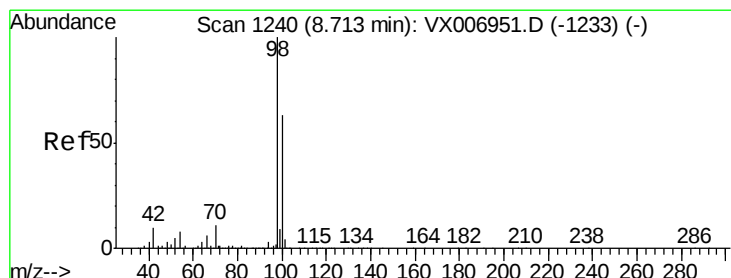
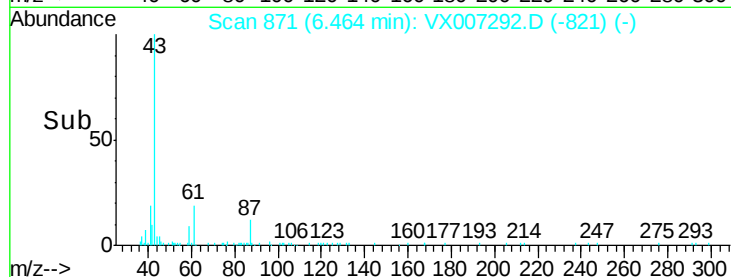
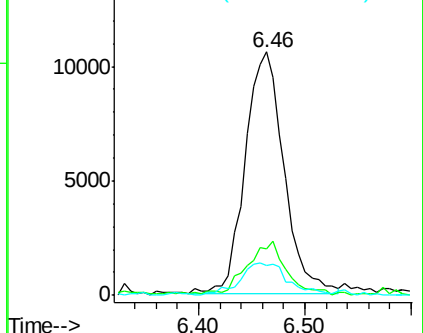
87 16.6 12.4 18.6



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: 51.895 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007292.D

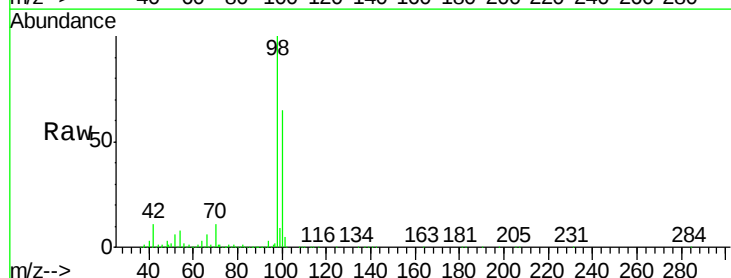
Acq: 29 Jan 2019 17:02

Tgt Ion: 98 Resp: 992943

Ion Ratio Lower Upper

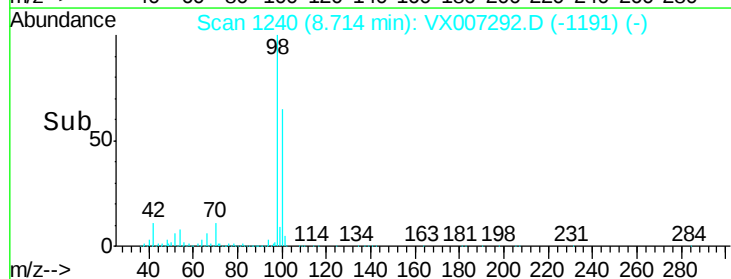
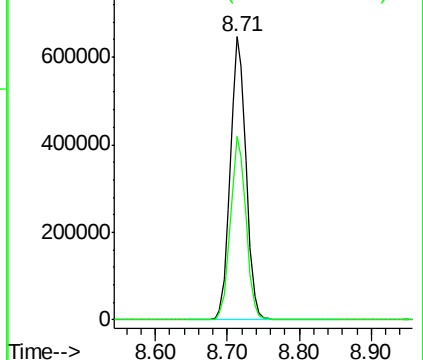
98 100

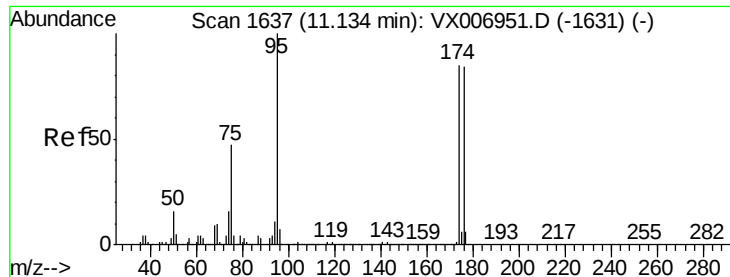
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

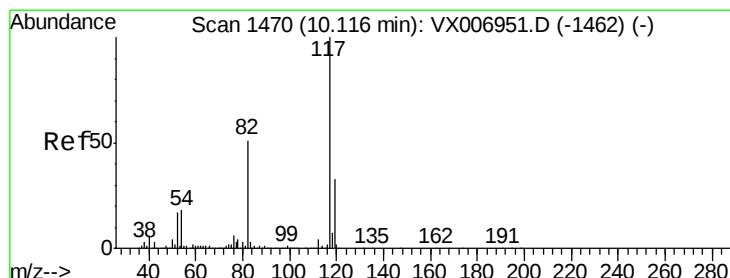
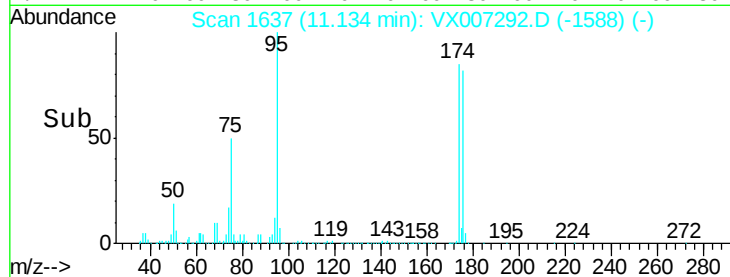
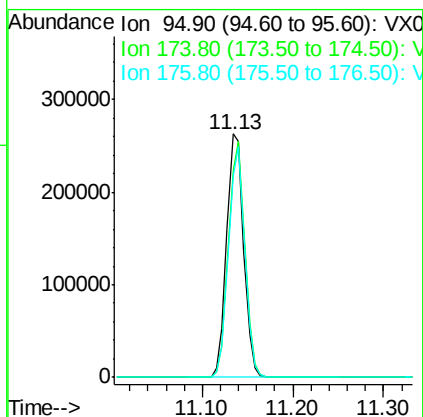
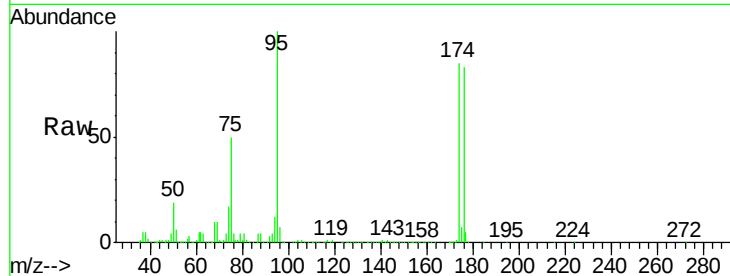
Ion 100.00 (99.70 to 100.70): VX0





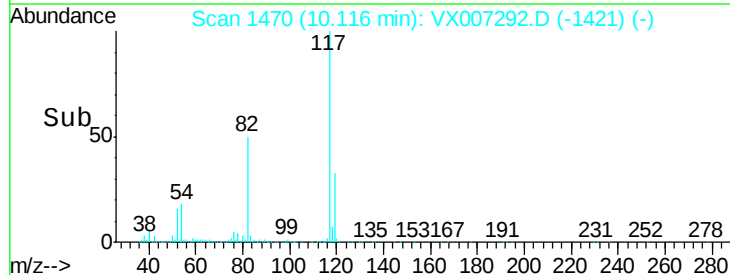
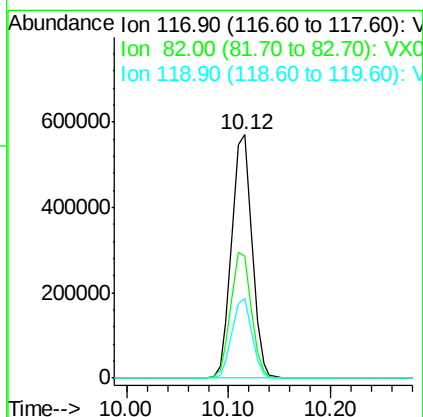
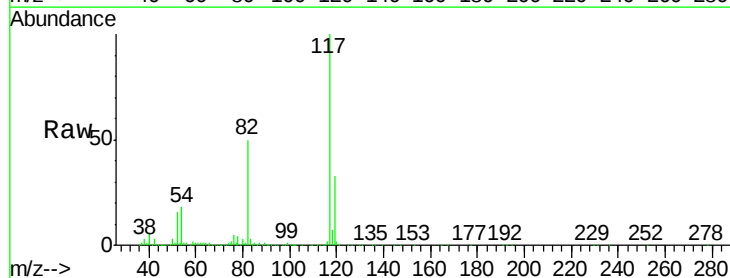
#62
4-Bromofluorobenzene
Concen: 51.656 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007292.D
Acq: 29 Jan 2019 17:02

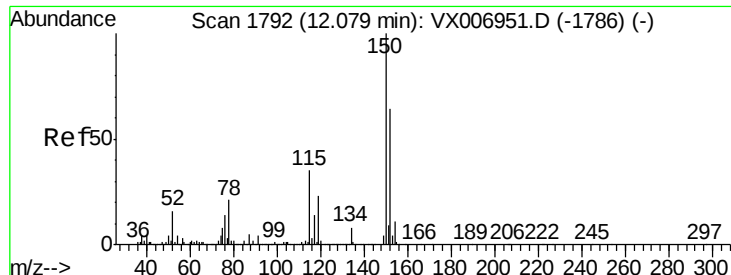
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	182.2
176	90.8	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007292.D
Acq: 29 Jan 2019 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.6
119	33.0	25.4	38.0

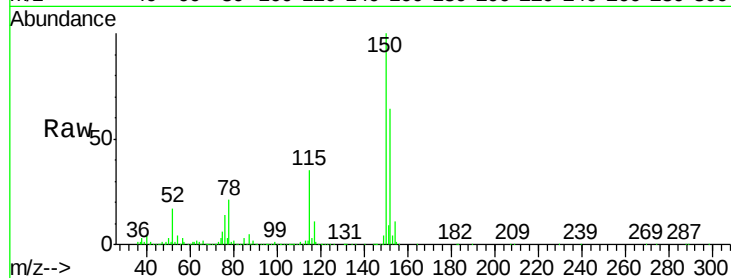




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007292.D
 Acq: 29 Jan 2019 17:02

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.2
150	156.1	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

