

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007296.D
 Acq On : 29 Jan 2019 18:48
 Operator : JC/SP
 Sample : K1008-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

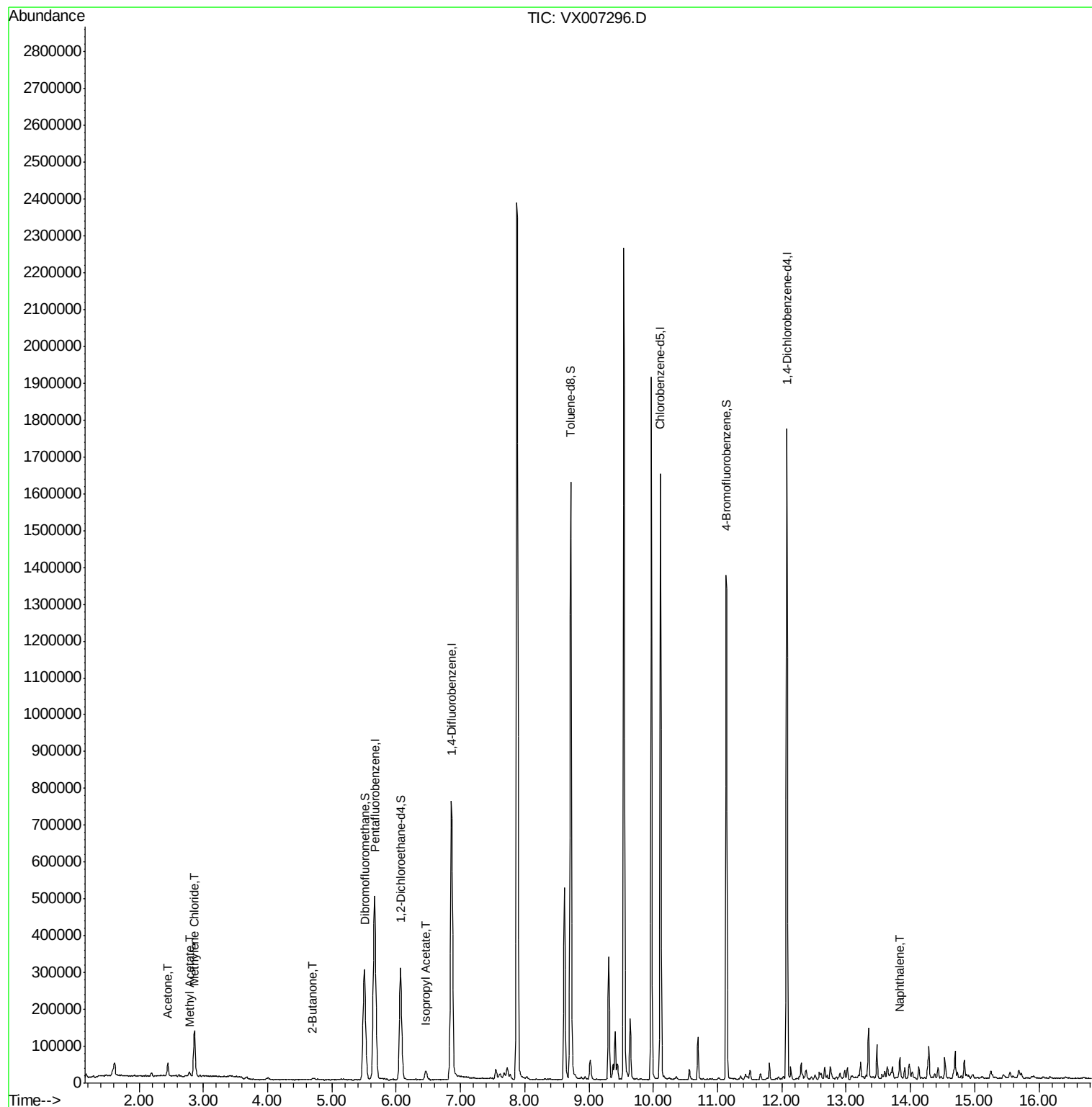
Quant Time: Jan 30 03:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

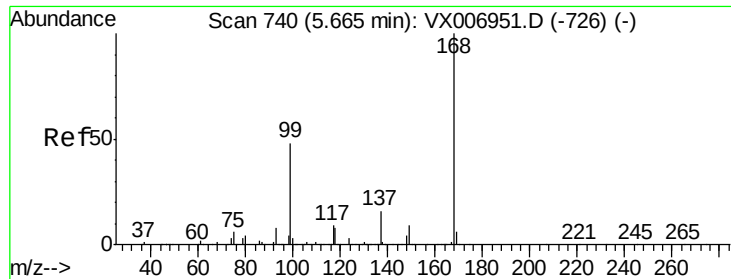
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	802692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	781202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	281251	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.50	113	253529	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.71	98	986606	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.13	95	349765	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
Target Compounds						
16) Acetone	2.45	43	36206	13.423	ug/l	96
18) Methyl Acetate	2.78	43	17162	2.197	ug/l	99
20) Methylene Chloride	2.86	84	60221	11.300	ug/l	96
25) 2-Butanone	4.70	43	9238	2.394	ug/l #	86
43) Isopropyl Acetate	6.46	43	32832	2.782	ug/l	99
95) Naphthalene	13.83	128	37149	1.345	ug/l	98

(#) = 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: VX007296.D

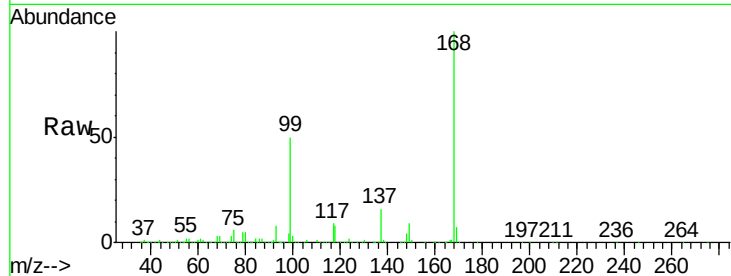
Acq: 29 Jan 2019 18:48

Tot Ion:168 Resp: 522061

Ion Ratio Lower Upper

168 100

99 49.6 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

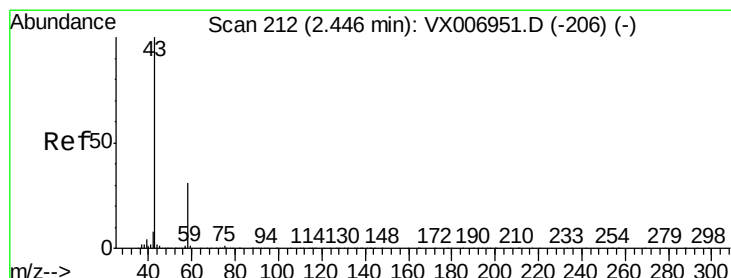
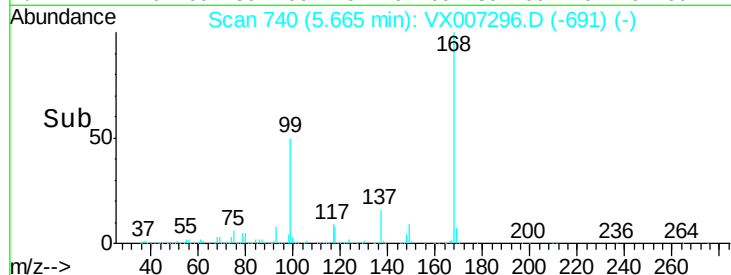
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.423 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007296.D

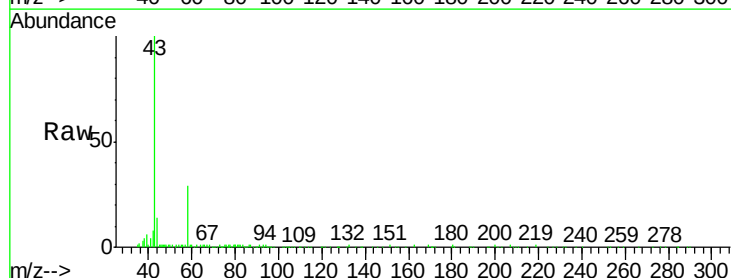
Acq: 29 Jan 2019 18:48

Tgt Ion: 43 Resp: 36206

Ion Ratio Lower Upper

43 100

58 28.9 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

25000

20000

15000

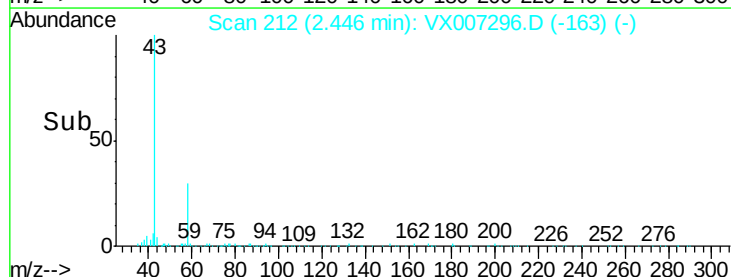
10000

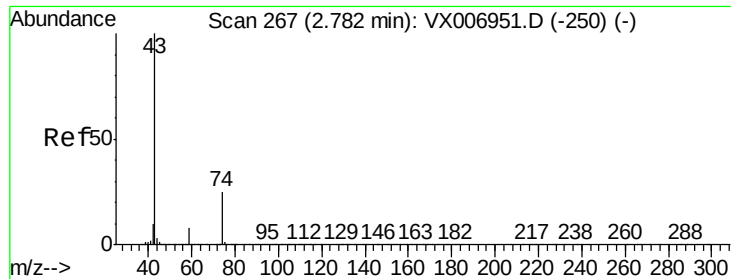
5000

0

Time-->

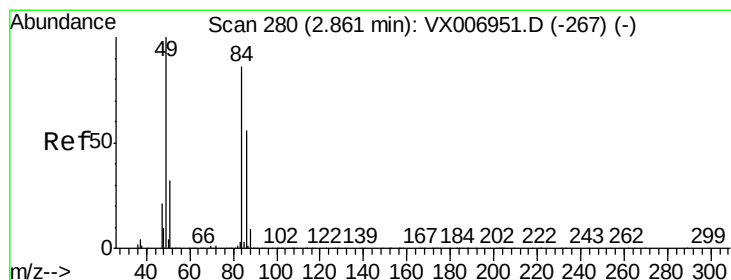
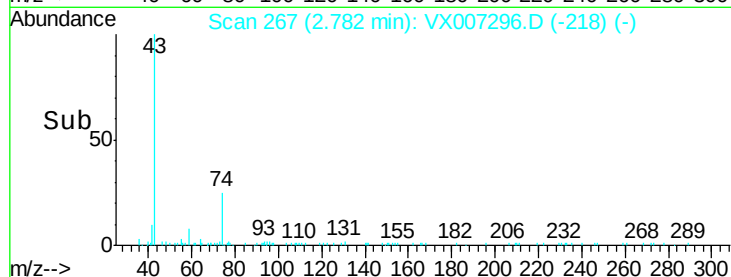
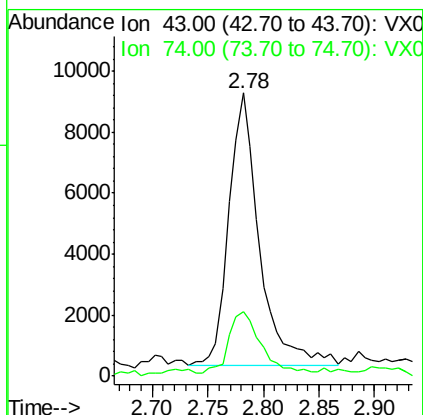
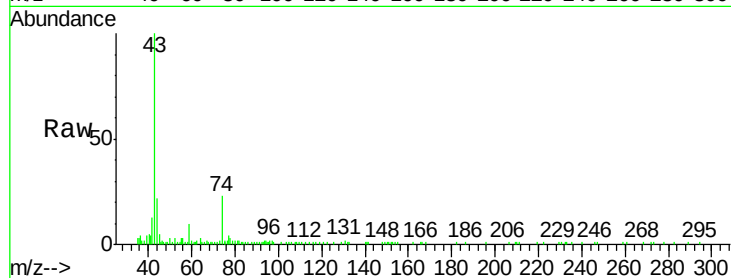
2.35 2.40 2.45 2.50





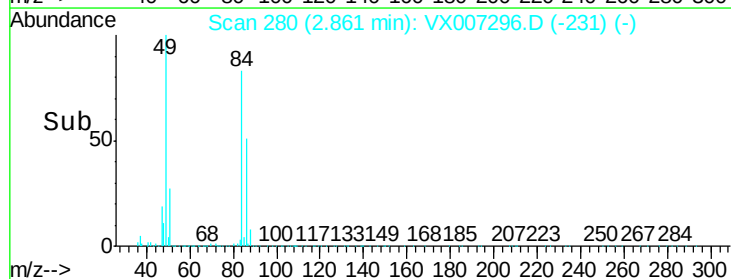
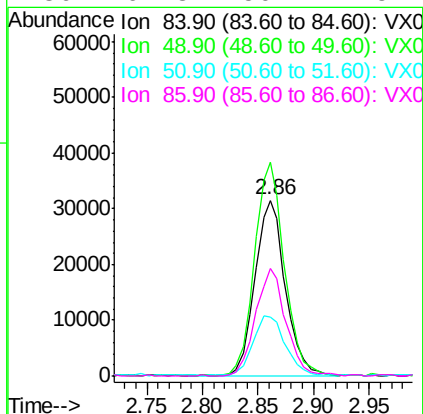
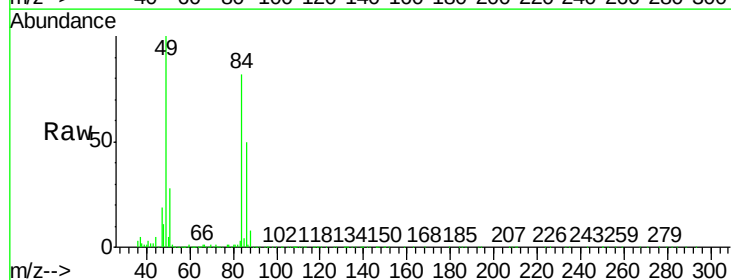
#18
Methyl Acetate
Concen: 2.197 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

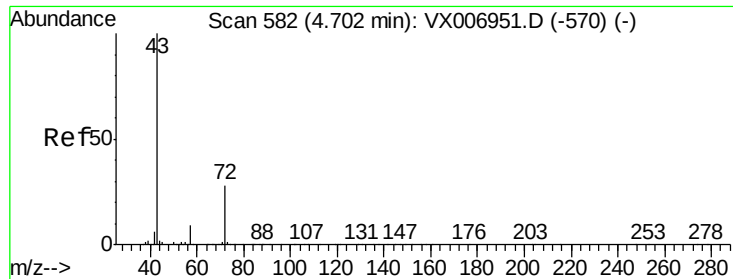
Tot Ion: 43 Resp: 17162
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0



#20
Methylene Chloride
Concen: 11.300 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

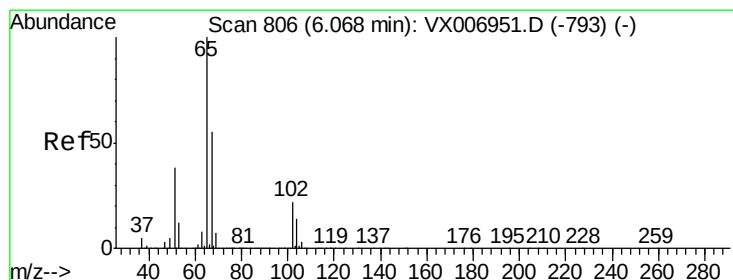
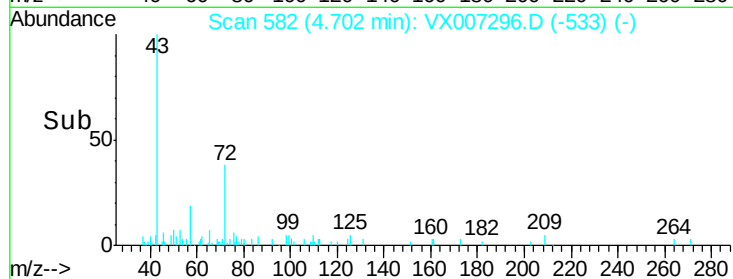
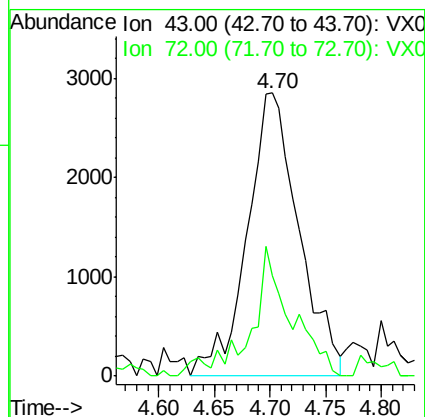
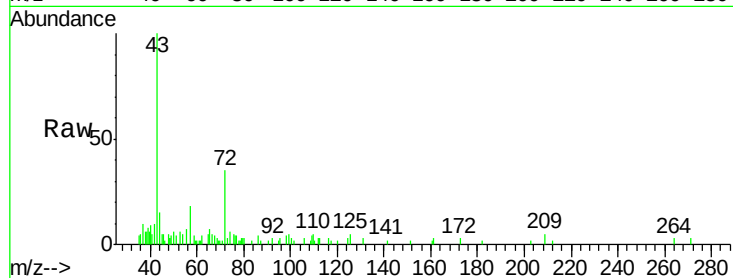
Tgt Ion: 84 Resp: 60221
Ion Ratio Lower Upper
84 100
49 120.7 91.8 137.6
51 33.0 28.5 42.7
86 61.3 50.2 75.2





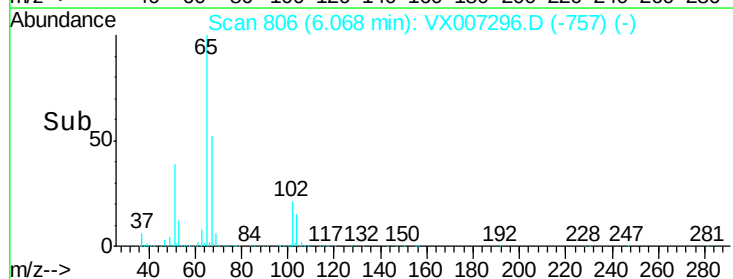
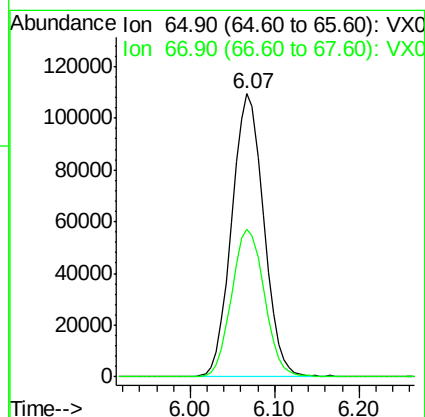
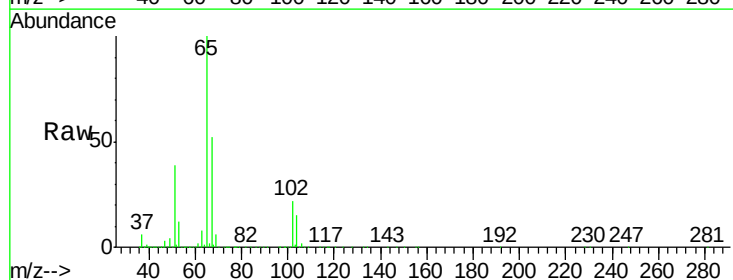
#25
2-Butanone
Concen: 2.394 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

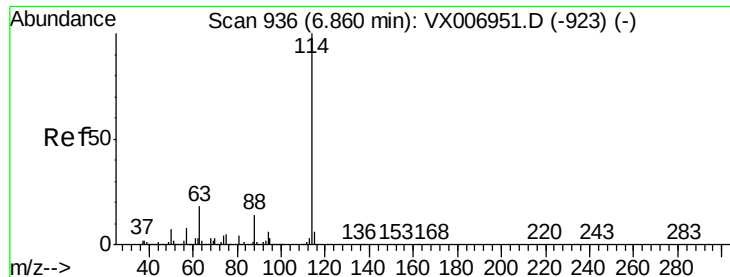
Tot Ion: 43 Resp: 9238
Ion Ratio Lower Upper
43 100
72 35.4 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 51.549 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

Tgt Ion: 65 Resp: 281251
Ion Ratio Lower Upper
65 100
67 53.8 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: VX007296.D

Acq: 29 Jan 2019 18:48

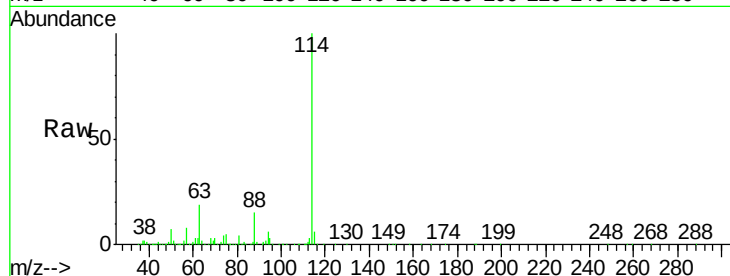
Tot Ion:114 Resp: 802692

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

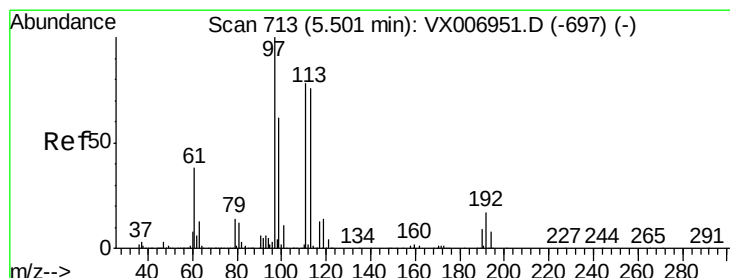
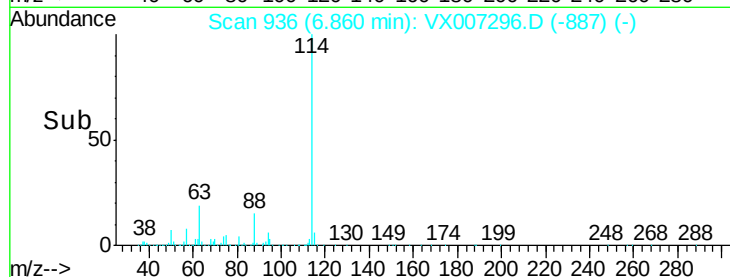
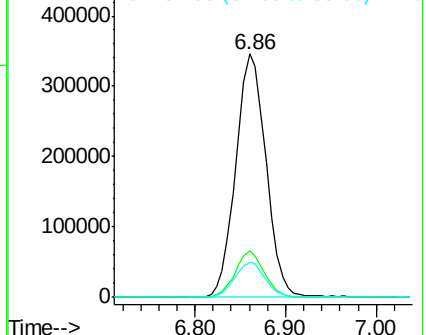
88 14.5 0.0 28.8



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: 49.321 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007296.D

Acq: 29 Jan 2019 18:48

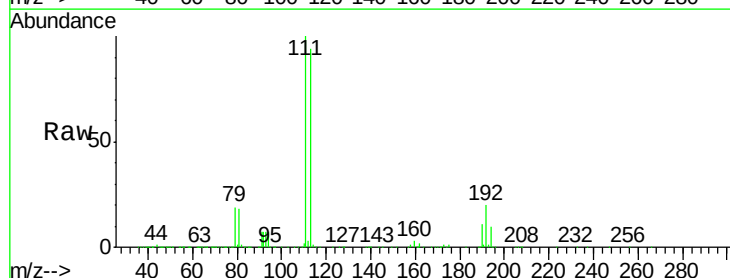
Tgt Ion:113 Resp: 253529

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

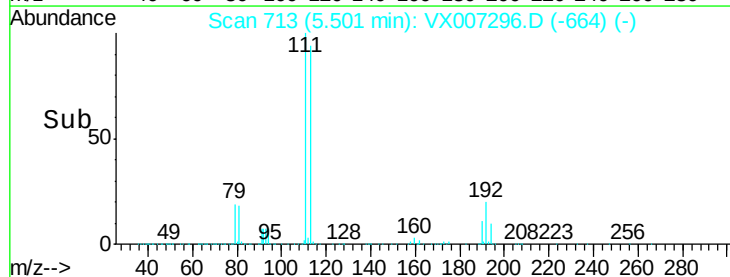
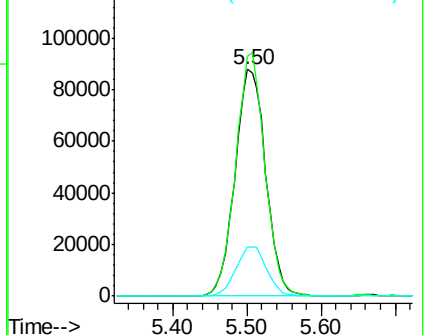
192 22.1 16.7 25.1

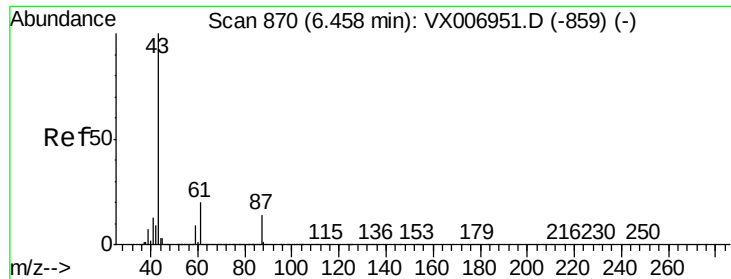


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.782 ug/l

RT: 6.46 min Scan# 871

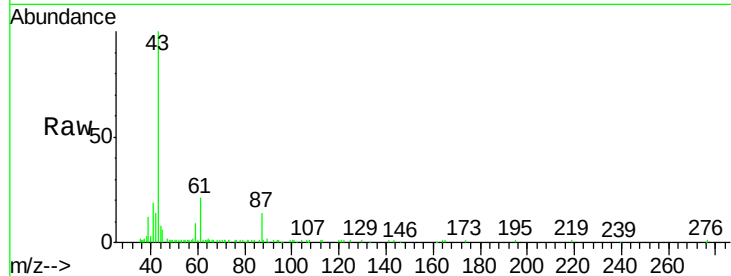
Delta R.T. 0.01 min

Lab File: VX007296.D

Acq: 29 Jan 2019 18:48

Tot Ion: 43 Resp: 32832

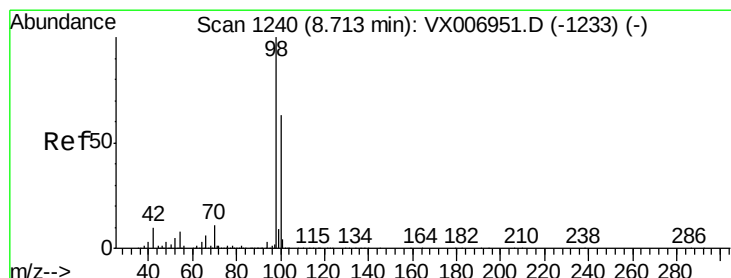
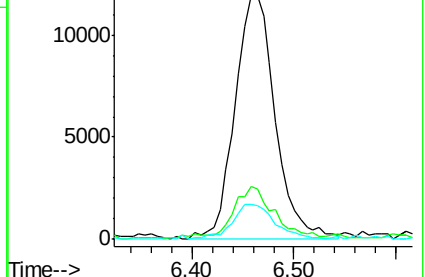
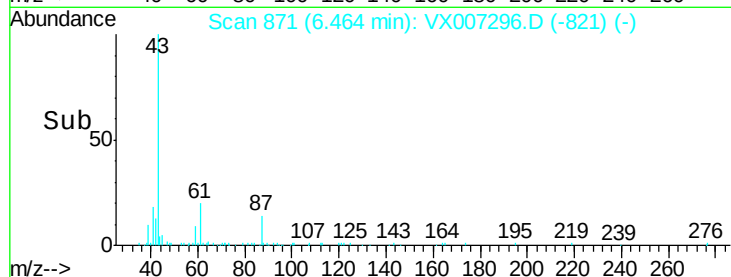
Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.8	25.2
87	15.5	12.4	18.6



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: 52.436 ug/l

RT: 8.71 min Scan# 1240

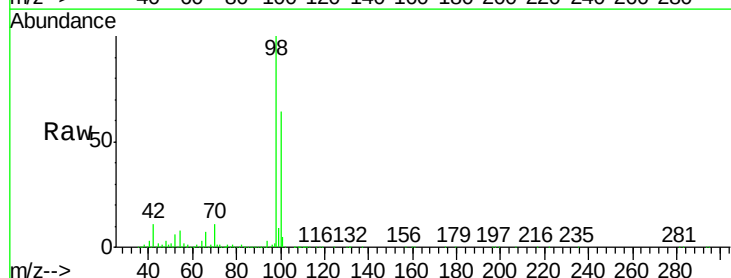
Delta R.T. -0.00 min

Lab File: VX007296.D

Acq: 29 Jan 2019 18:48

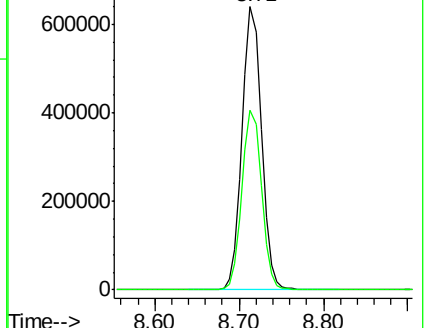
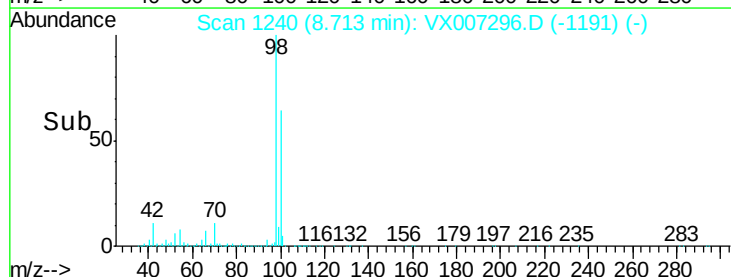
Tgt Ion: 98 Resp: 986606

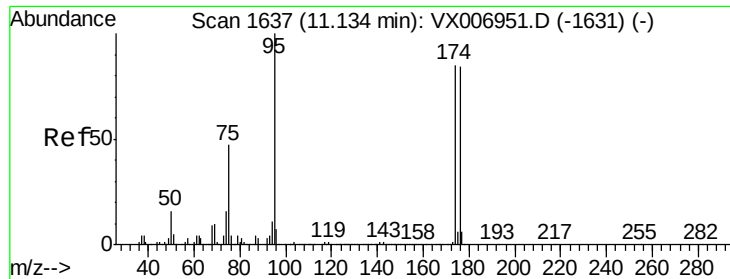
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

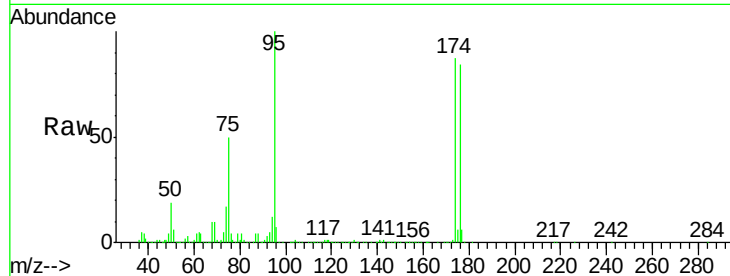
Ion 100.00 (99.70 to 100.70): VX0



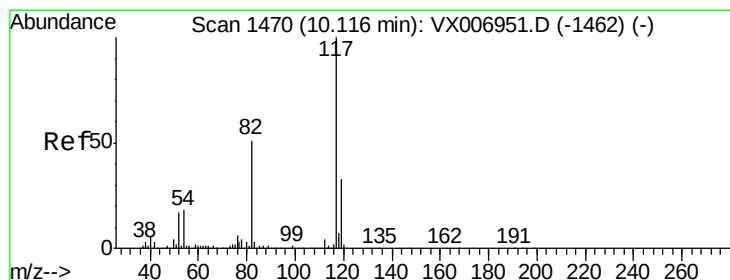
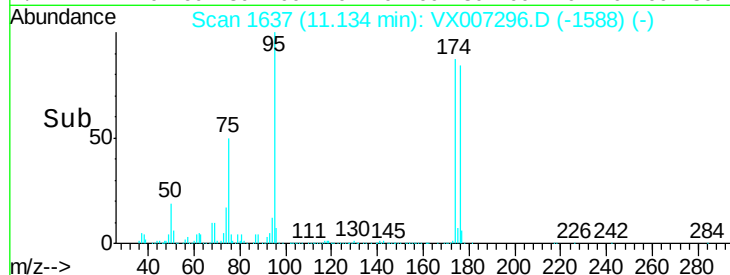
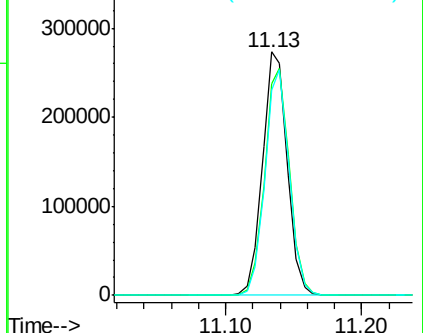


#62
4-Bromofluorobenzene
Concen: 53.322 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

Tot Ion:	95	Resp:	349765
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	182.2
176	90.9	0.0	178.8

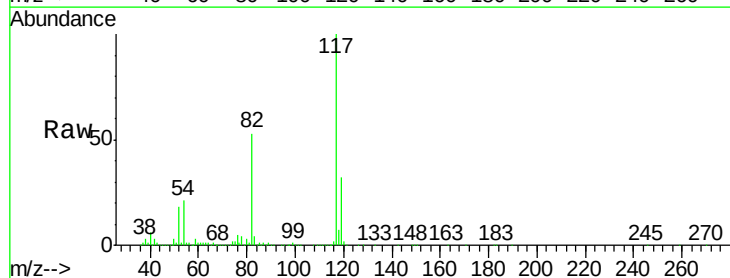


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

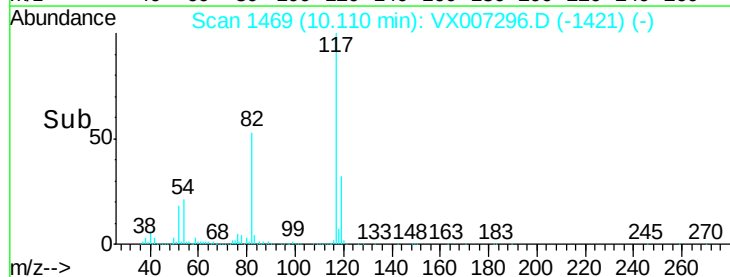
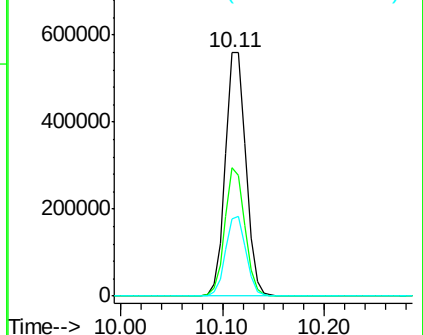


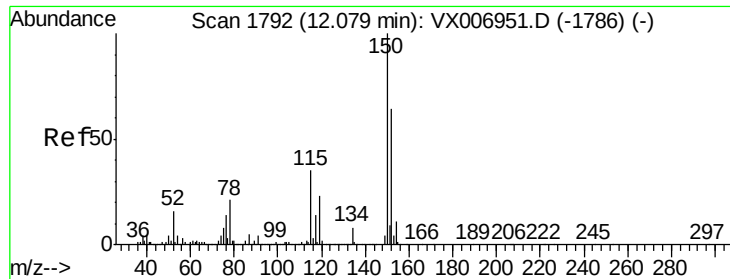
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

Tgt Ion:	117	Resp:	781202
Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.0	61.6
119	31.6	25.4	38.0



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

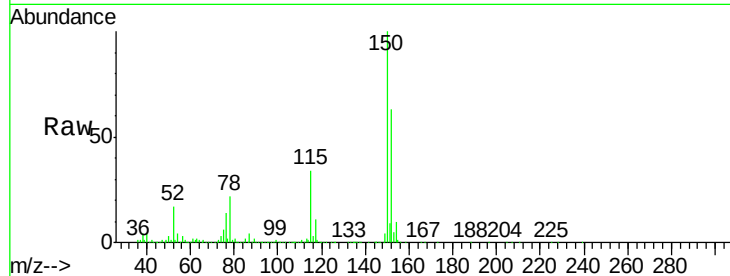




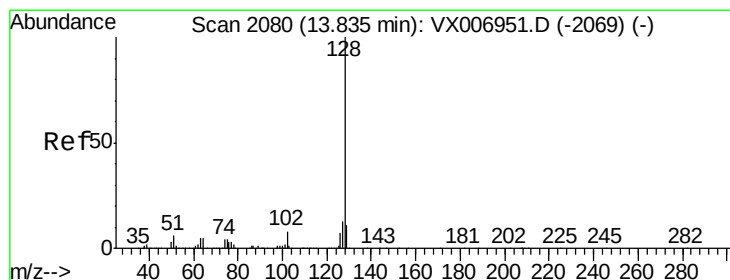
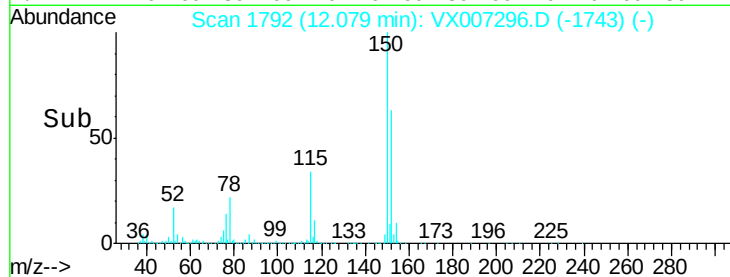
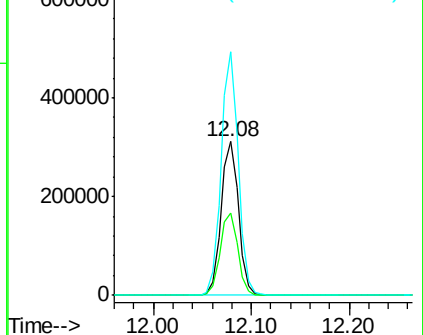
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.1	117.2
150	155.1	0.0	344.8



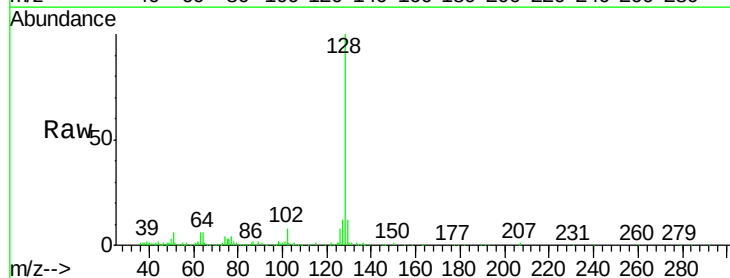
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.345 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007296.D
Acq: 29 Jan 2019 18:48

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	12.7	8.6	13.0



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

