

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007294.D
 Acq On : 29 Jan 2019 17:55
 Operator : JC/SP
 Sample : PB116677ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 30 03:06:55 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	527763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	830911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379119	50.00	ug/l	0.00

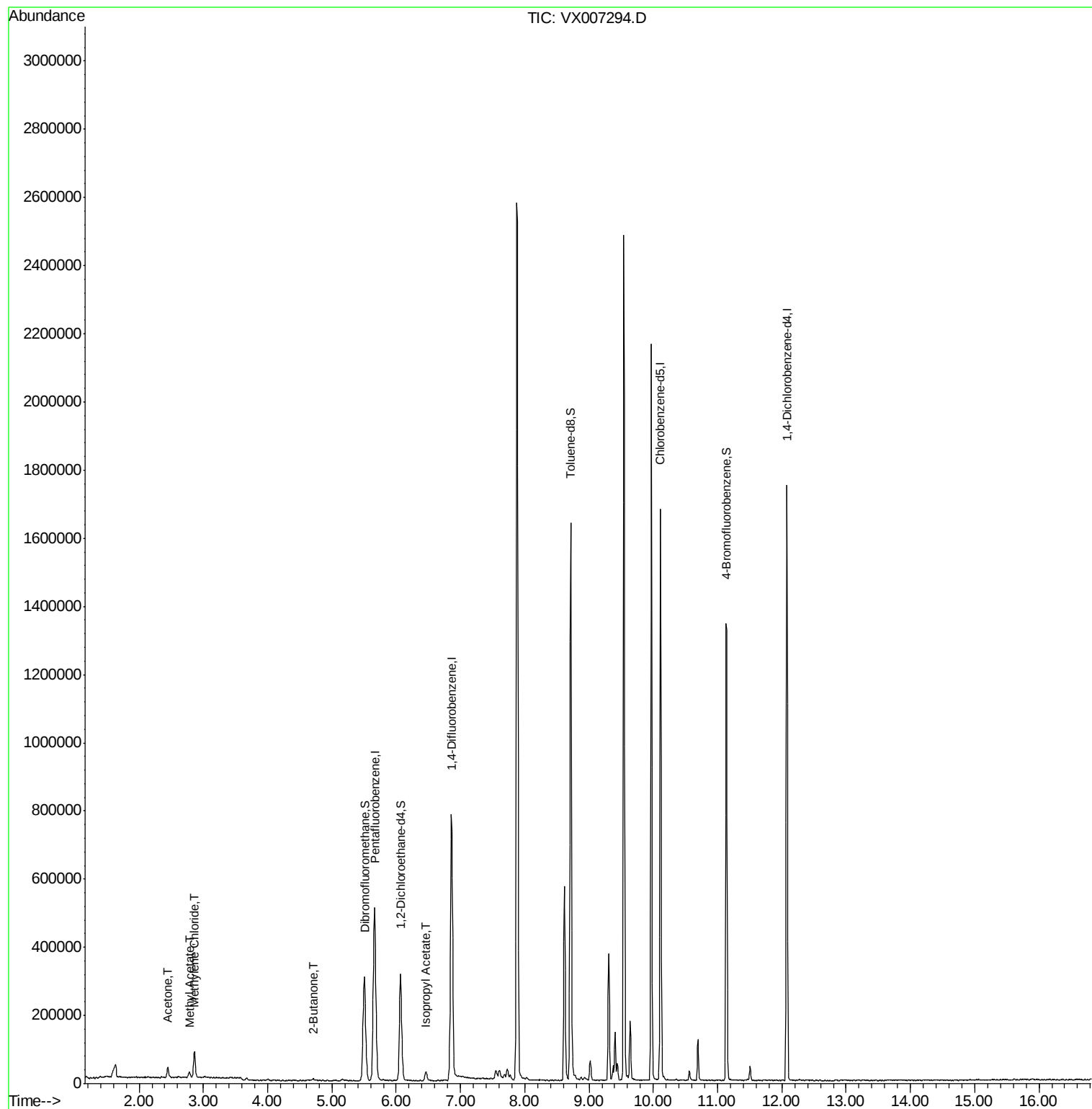
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	289857	52.55	ug/l	0.00
Spiked Amount						
			Recovery	=	105.10%	
35) Dibromofluoromethane	5.51	113	261486	49.14	ug/l	0.00
Spiked Amount						
			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	1009020	51.81	ug/l	0.00
Spiked Amount						
			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	356491	52.50	ug/l	0.00
Spiked Amount						
			Recovery	=	105.00%	

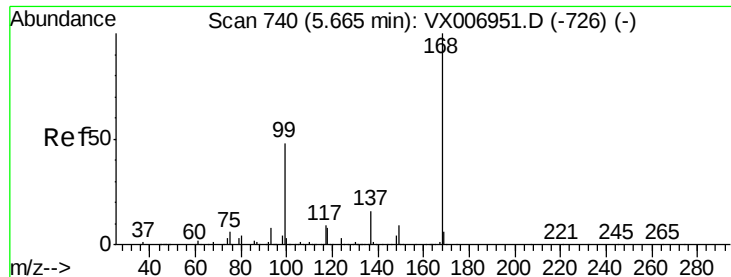
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	33175	12.167	ug/l	97
18) Methyl Acetate	2.78	43	23747	3.007	ug/l	99
20) Methylene Chloride	2.86	84	37249	6.692	ug/l	94
25) 2-Butanone	4.70	43	7838	2.009	ug/l	92
43) Isopropyl Acetate	6.46	43	33936	2.778	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
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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: VX007294.D

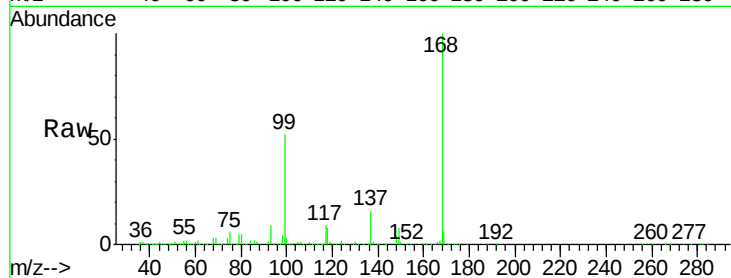
Acq: 29 Jan 2019 17:55

Tot Ion:168 Resp: 527763

Ion Ratio Lower Upper

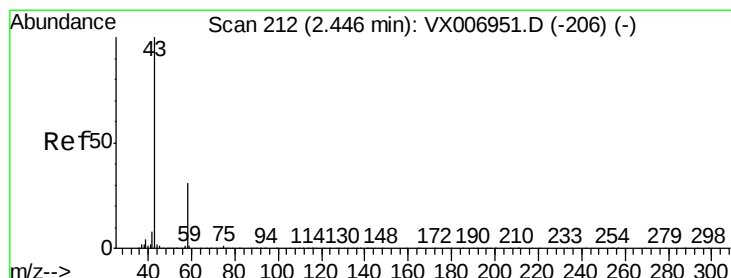
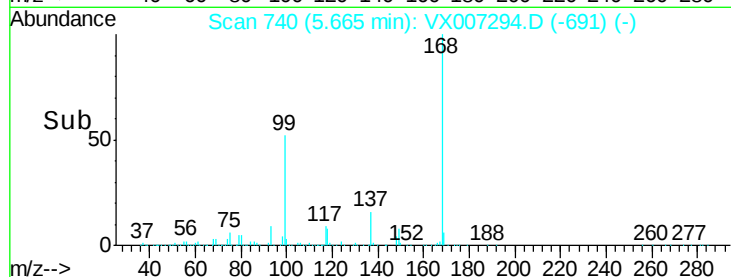
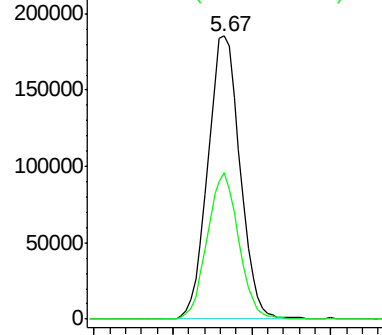
168 100

99 51.8 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: 12.167 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007294.D

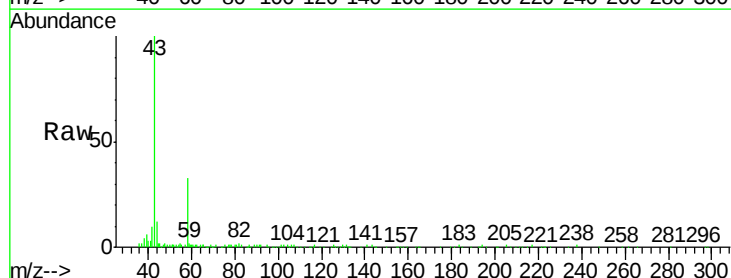
Acq: 29 Jan 2019 17:55

Tgt Ion: 43 Resp: 33175

Ion Ratio Lower Upper

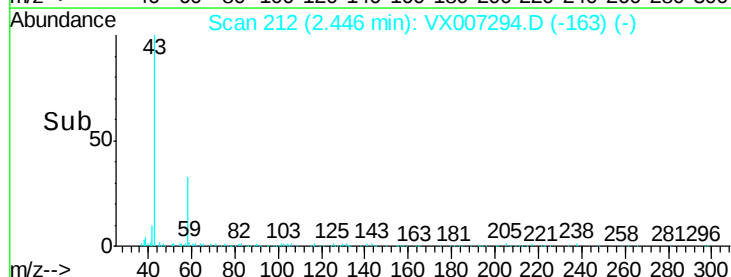
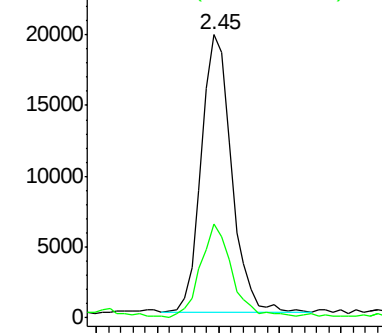
43 100

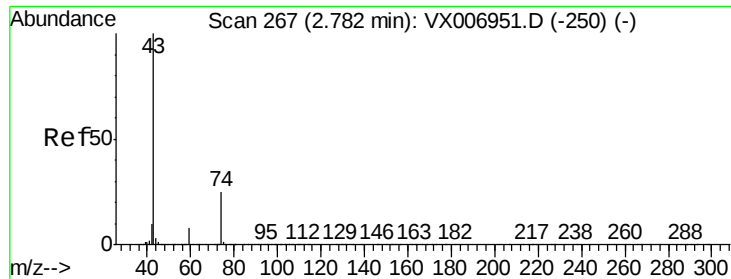
58 33.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

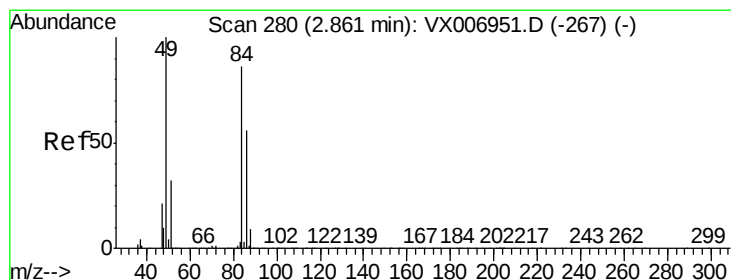
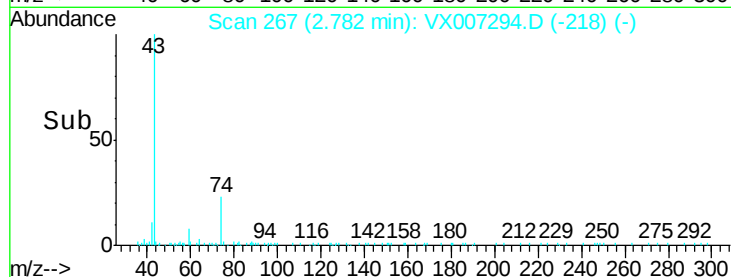
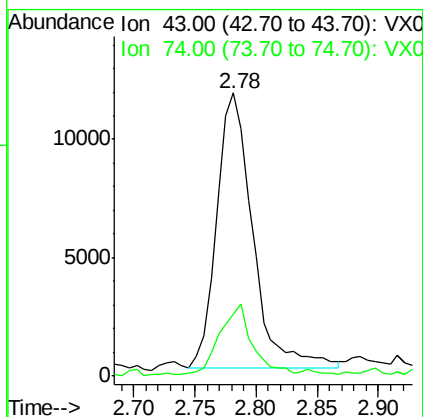
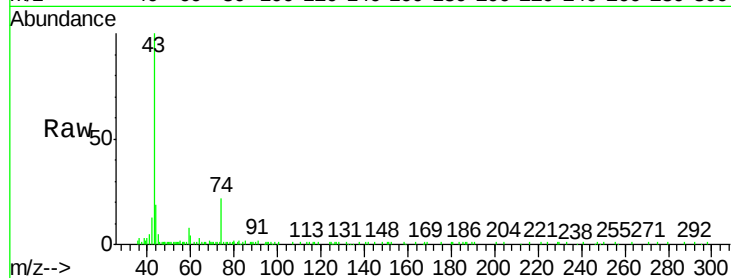
Ion 58.00 (57.70 to 58.70): VX0





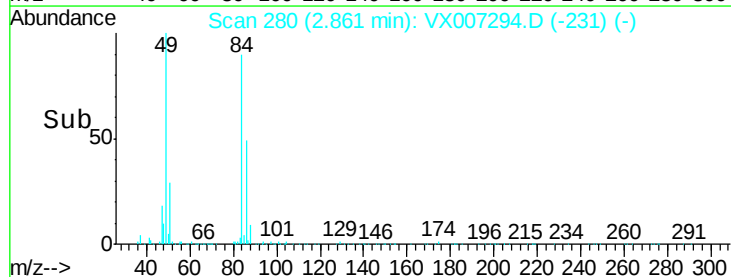
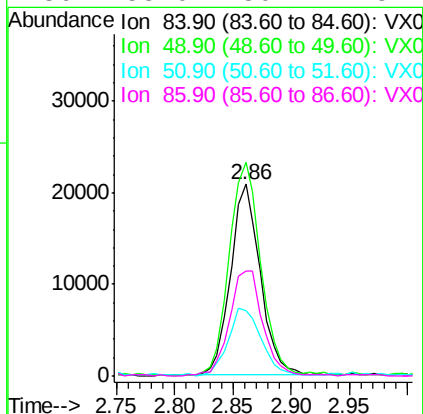
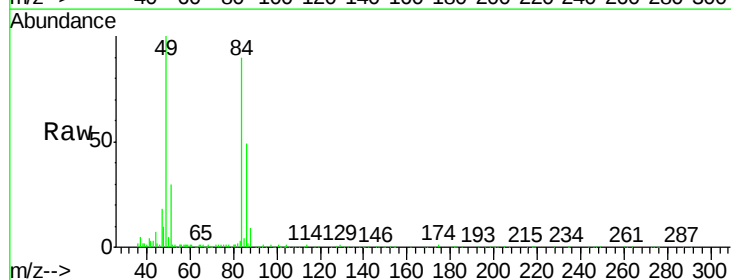
#18
Methyl Acetate
Concen: 3.007 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007294.D
Acq: 29 Jan 2019 17:55

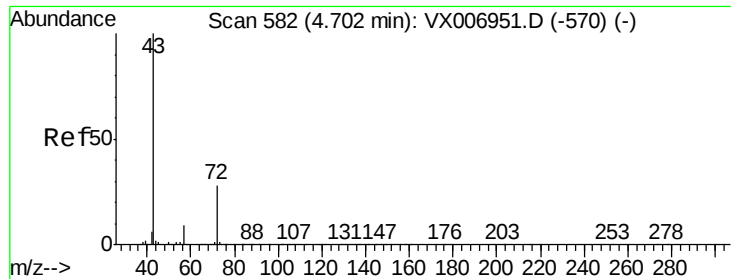
Tot Ion: 43 Resp: 23747
Ion Ratio Lower Upper
43 100
74 23.0 18.6 28.0



#20
Methylene Chloride
Concen: 6.692 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007294.D
Acq: 29 Jan 2019 17:55

Tgt Ion: 84 Resp: 37249
Ion Ratio Lower Upper
84 100
49 111.0 91.8 137.6
51 32.8 28.5 42.7
86 55.0 50.2 75.2





#25

2-Butanone

Concen: 2.009 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007294.D

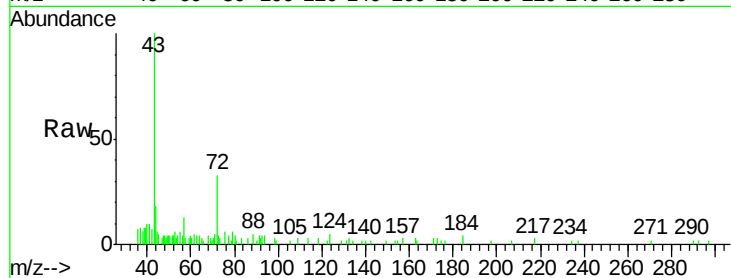
Acq: 29 Jan 2019 17:55

Tot Ion: 43 Resp: 7838

Ion Ratio Lower Upper

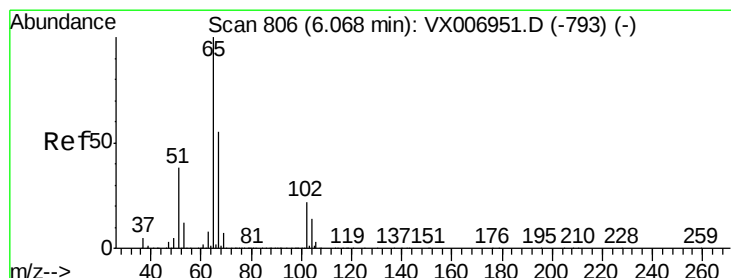
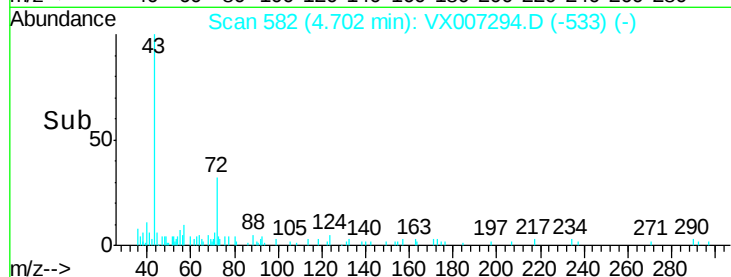
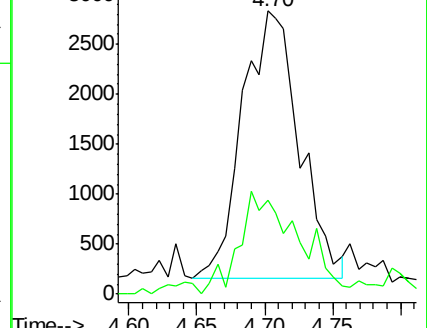
43 100

72 32.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.552 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007294.D

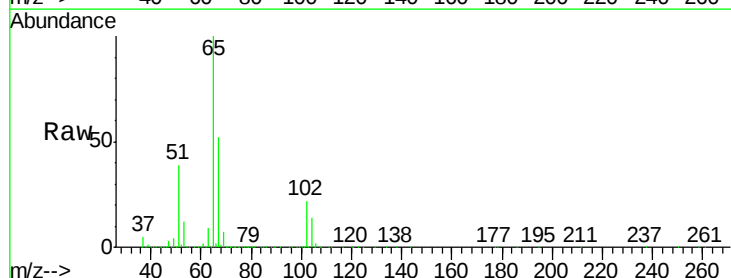
Acq: 29 Jan 2019 17:55

Tgt Ion: 65 Resp: 289857

Ion Ratio Lower Upper

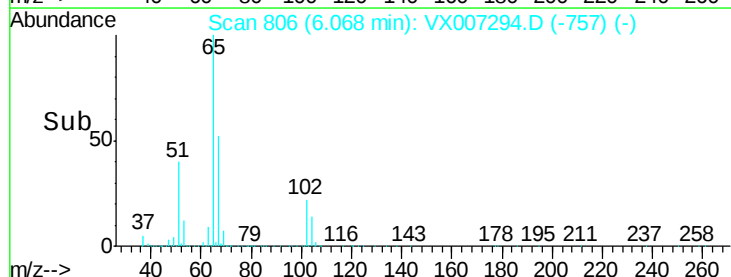
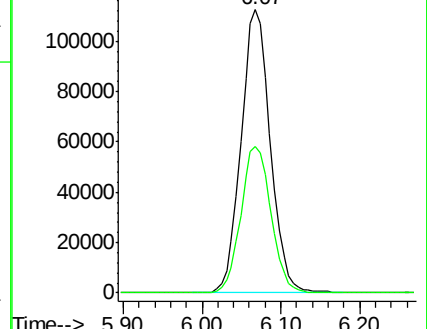
65 100

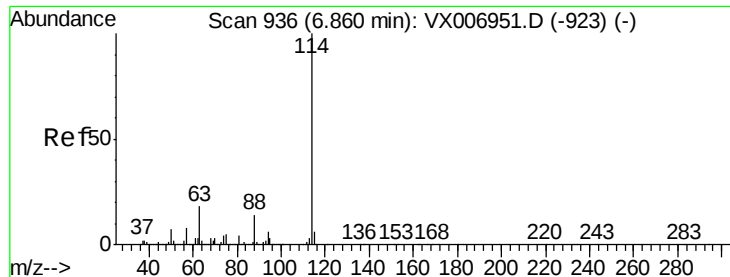
67 53.5 0.0 105.0



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. -0.00 min

Lab File: VX007294.D

Acq: 29 Jan 2019 17:55

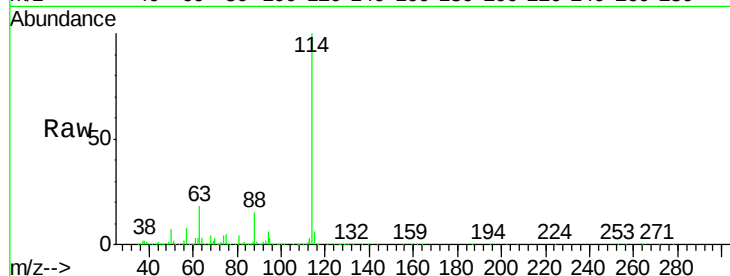
Tot Ion:114 Resp: 830911

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

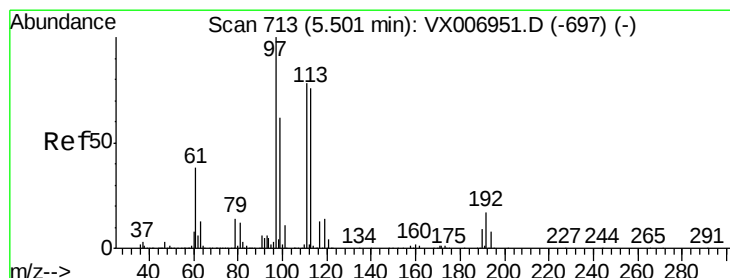
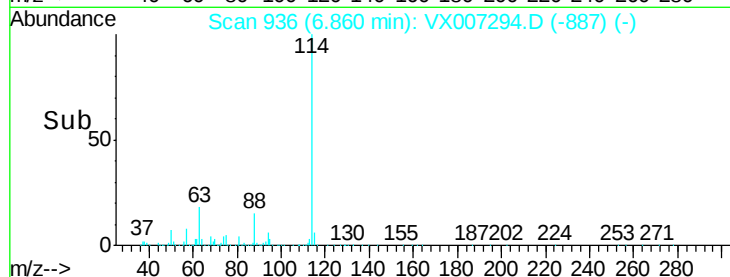
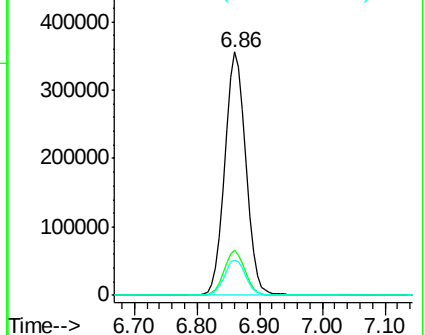
88 14.6 0.0 28.8



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: 49.141 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007294.D

Acq: 29 Jan 2019 17:55

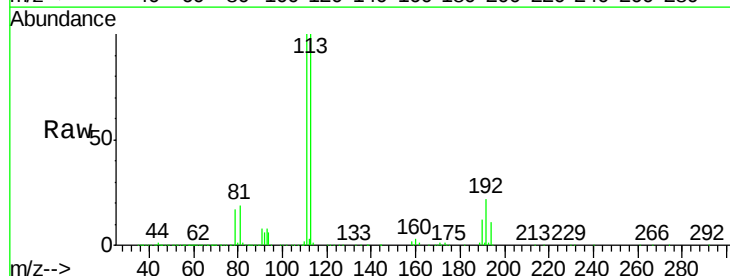
Tgt Ion:113 Resp: 261486

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

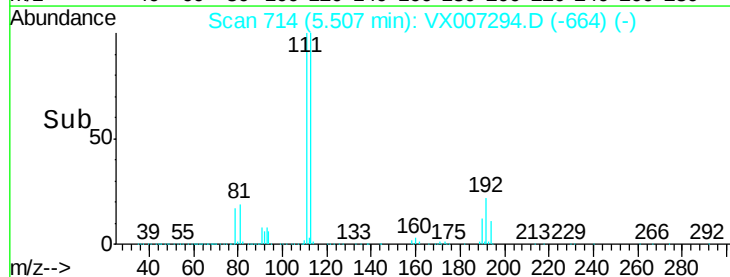
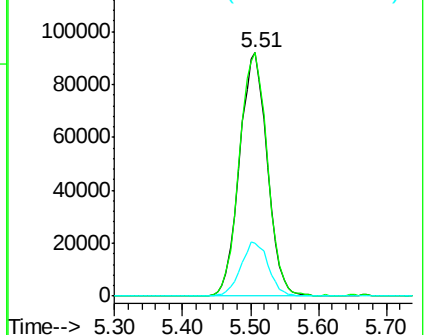
192 22.3 16.7 25.1

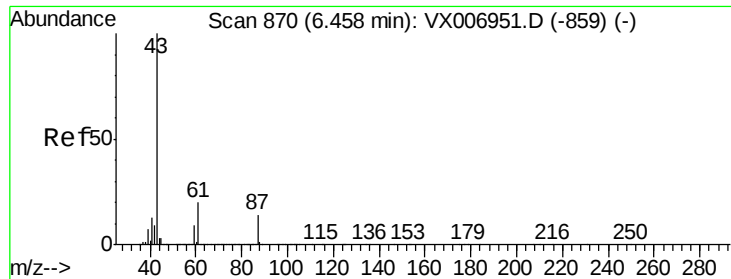


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.778 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007294.D

Acq: 29 Jan 2019 17:55

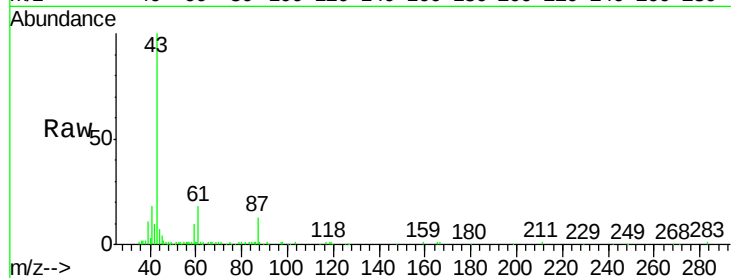
Tot Ion: 43 Resp: 33936

Ion Ratio Lower Upper

43 100

61 18.9 16.8 25.2

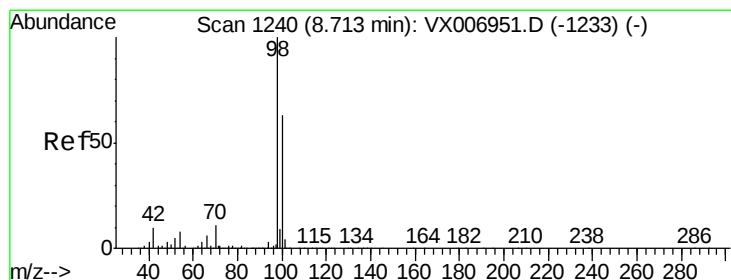
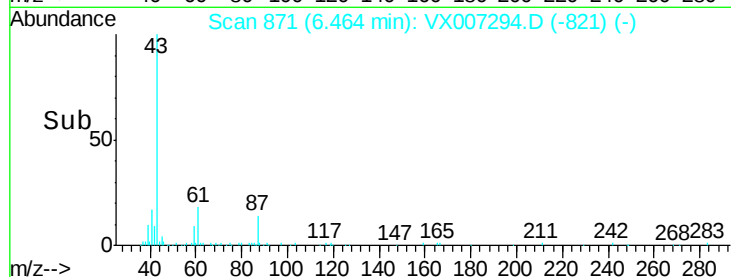
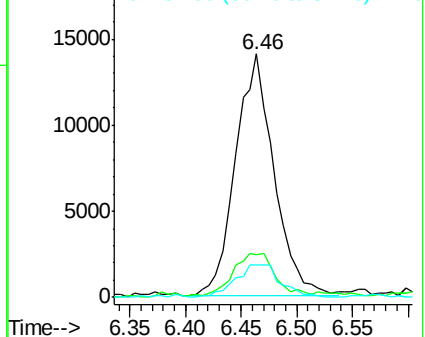
87 16.0 12.4 18.6



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: 51.806 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007294.D

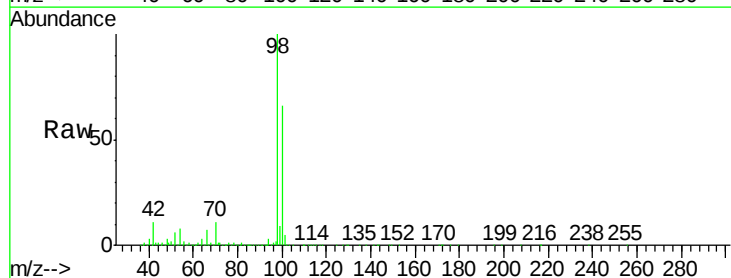
Acq: 29 Jan 2019 17:55

Tgt Ion: 98 Resp: 1009020

Ion Ratio Lower Upper

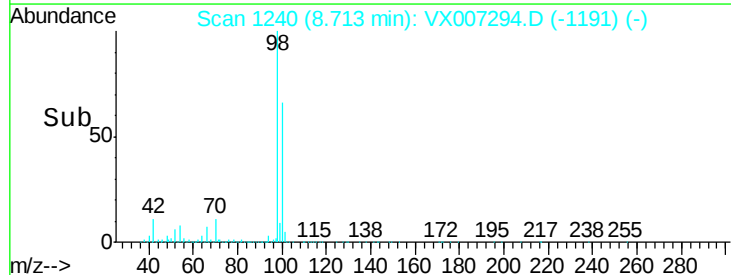
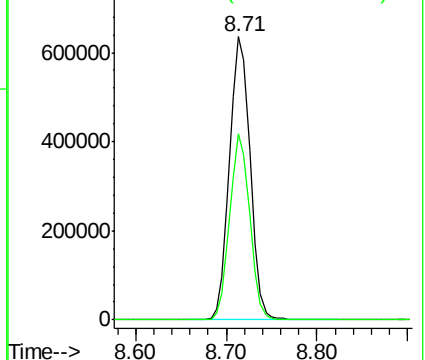
98 100

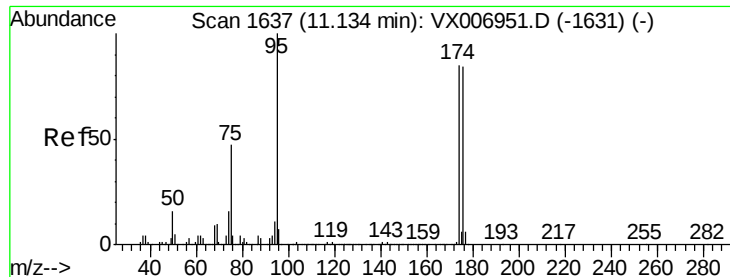
100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.501 ug/l

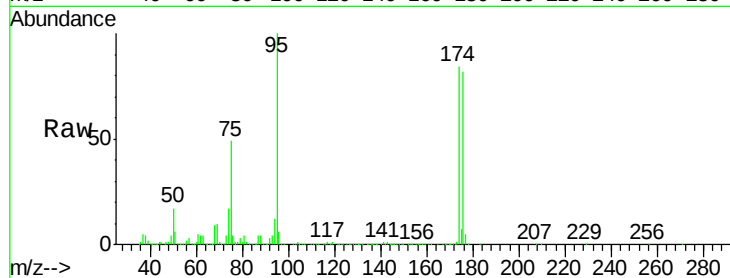
RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007294.D

Acq: 29 Jan 2019 17:55

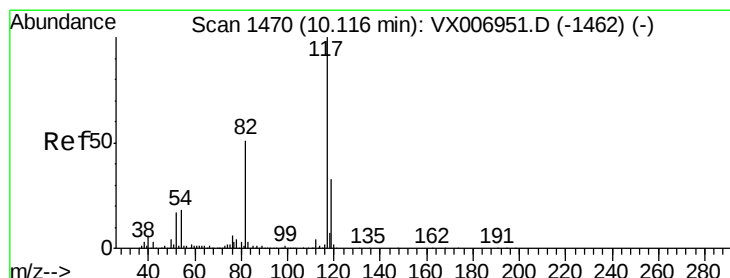
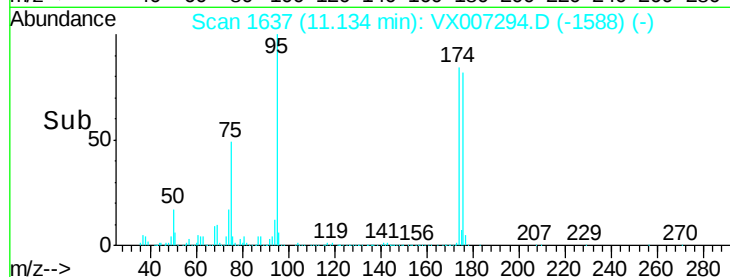
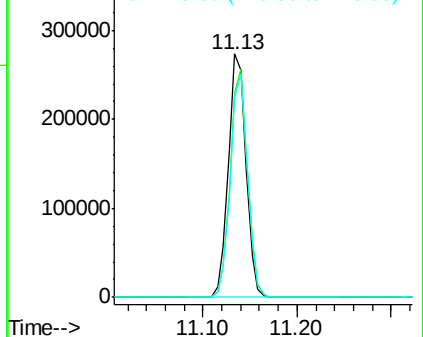
Tot Ion:	95	Resp:	356491
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.2
176	89.8	0.0	178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

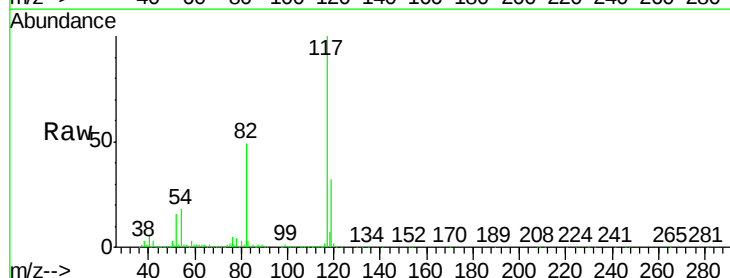
RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007294.D

Acq: 29 Jan 2019 17:55

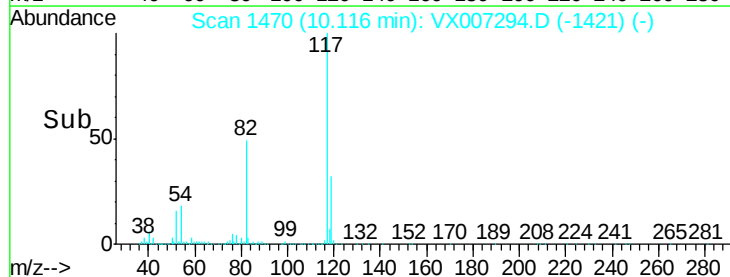
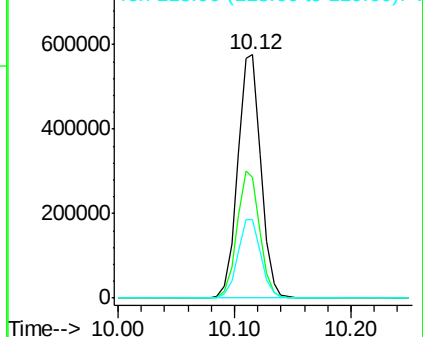
Tgt Ion:	117	Resp:	796919
Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.0	61.6
119	32.0	25.4	38.0

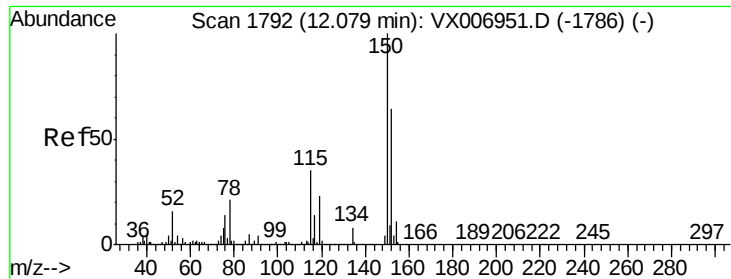


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

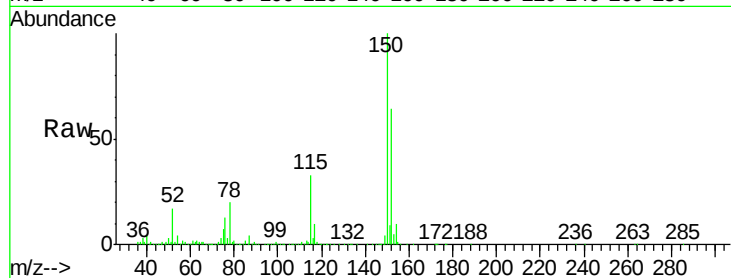




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007294.D
 Acq: 29 Jan 2019 17:55

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.1	117.2
150	155.6	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

