

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
 Data File : VX007430.D
 Acq On : 07 Feb 2019 17:22
 Operator : JC/SP
 Sample : K1385-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 98-WC-S-01-2-57

Quant Time: Feb 08 22:41:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	497722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	778216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	762851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	373906	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	268646	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
35) Dibromofluoromethane	5.51	113	248471	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	958642	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	347578	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	

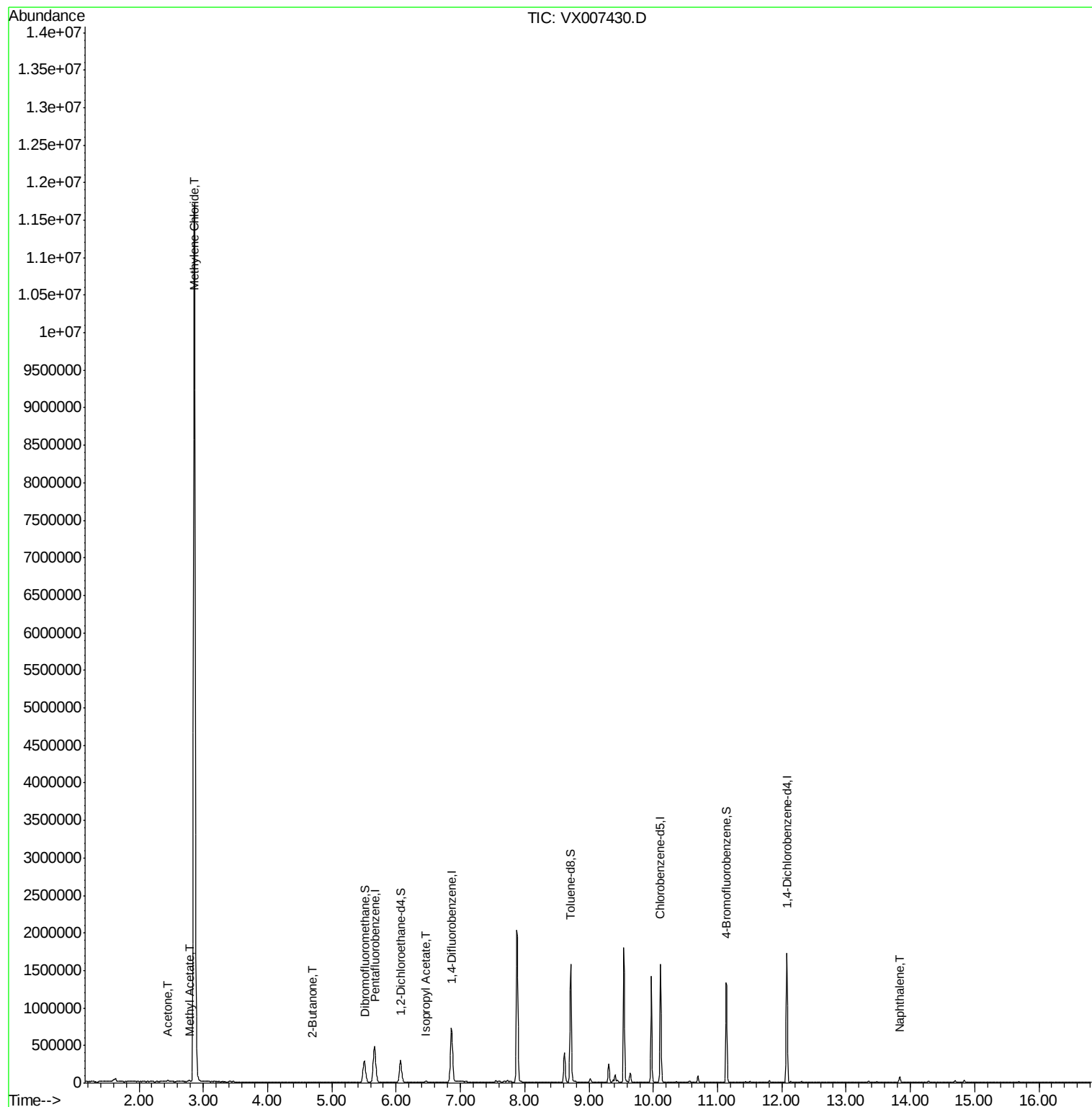
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21030	8.690	ug/l	99
18) Methyl Acetate	2.78	43	24918	4.498	ug/l	99
20) Methylene Chloride	2.86	84	5510177	1123.194	ug/l	97
25) 2-Butanone	4.71	43	7591	2.204	ug/l #	87
43) Isopropyl Acetate	6.46	43	27473	2.522	ug/l	97
95) Naphthalene	13.83	128	49890	1.978	ug/l	97

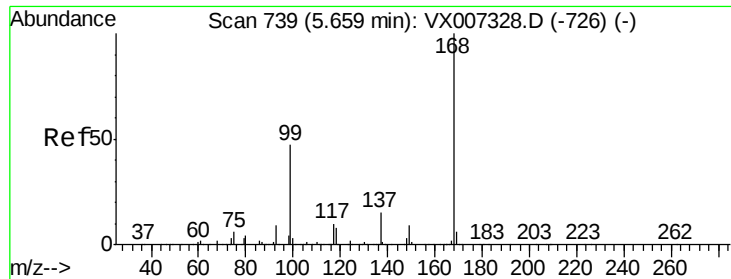
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007430.D

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Instrument :

MSVOA_X

ClientSampleId :

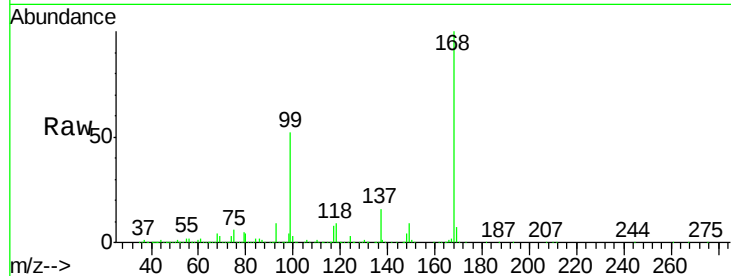
98-WC-S-01-2-57

Tot Ion:168 Resp: 497722

Ion Ratio Lower Upper

168 100

99 51.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

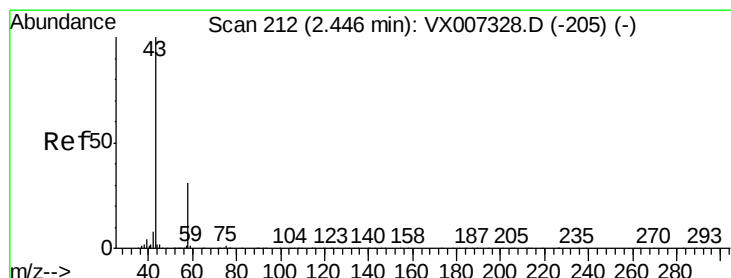
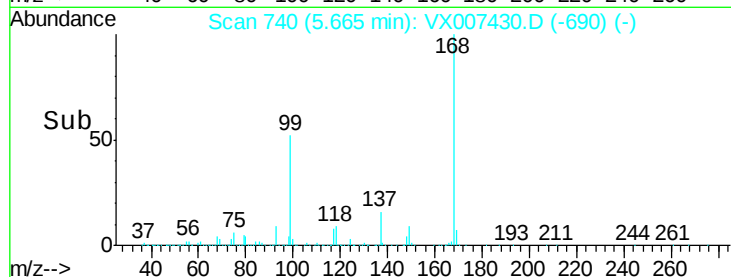
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.690 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007430.D

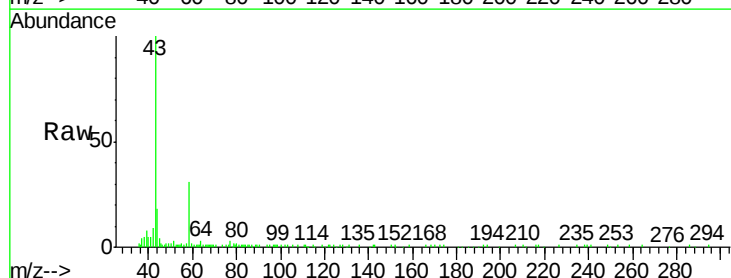
Acq: 07 Feb 2019 17:22

Tgt Ion: 43 Resp: 21030

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

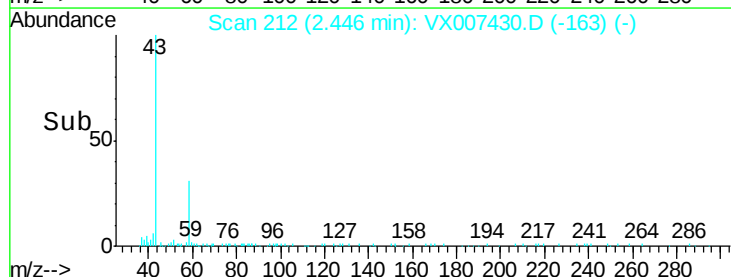
2.45

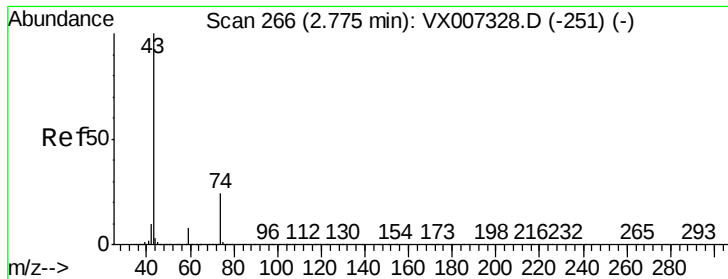
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

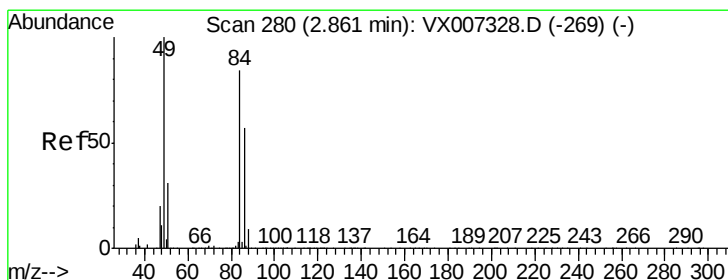
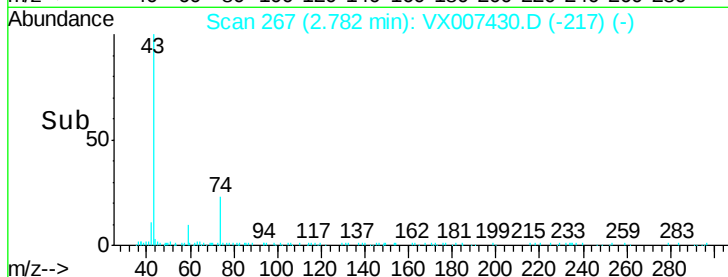
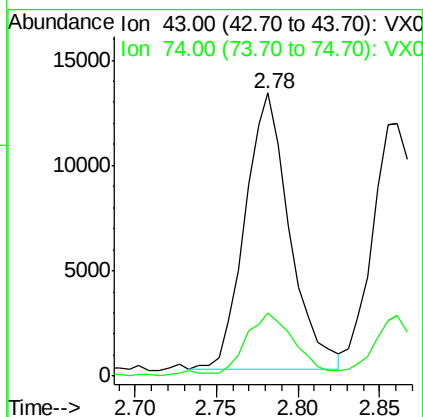
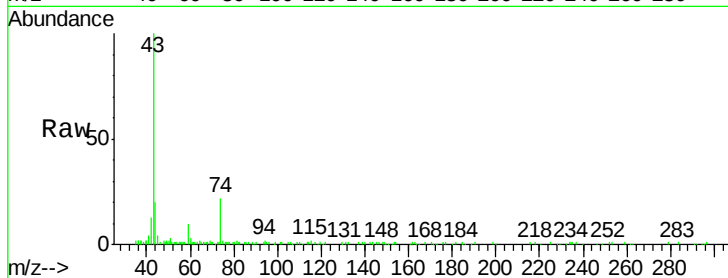




#18
Methyl Acetate
Concen: 4.498 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007430.D
Acq: 07 Feb 2019 17:22

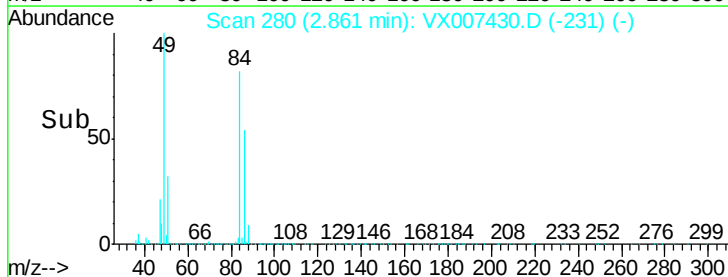
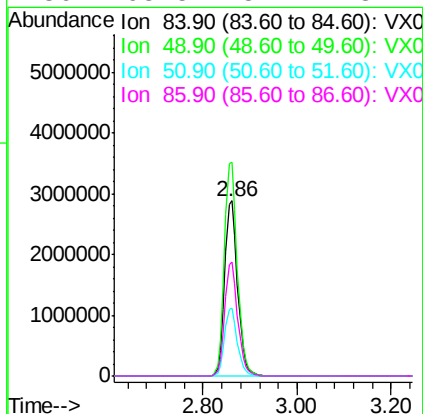
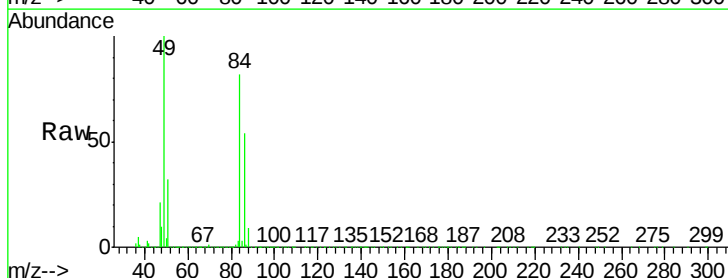
Instrument :
MSVOA_X
ClientSampleId :
98-WC-S-01-2-57

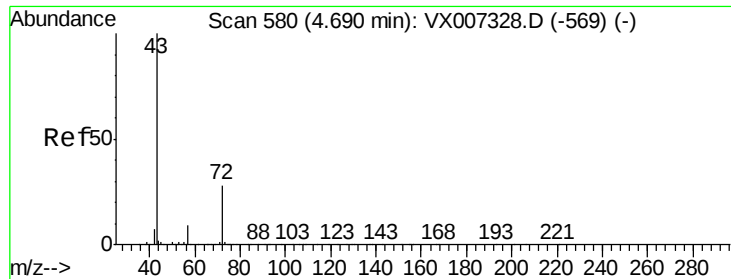
Tot Ion: 43 Resp: 24918
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2



#20
Methylene Chloride
Concen: 1123.194 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007430.D
Acq: 07 Feb 2019 17:22

Tgt Ion: 84 Resp: 5510177
Ion Ratio Lower Upper
84 100
49 122.1 94.8 142.2
51 38.5 29.8 44.8
86 65.5 54.1 81.1





#25

2-Butanone

Concen: 2.204 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

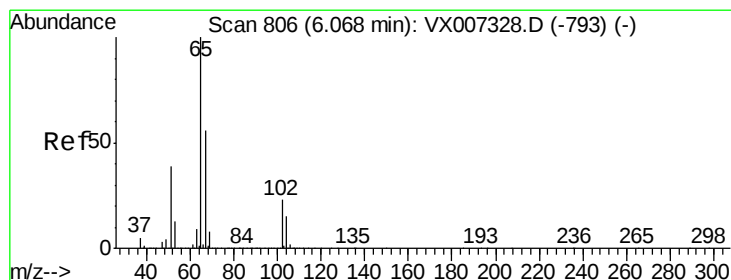
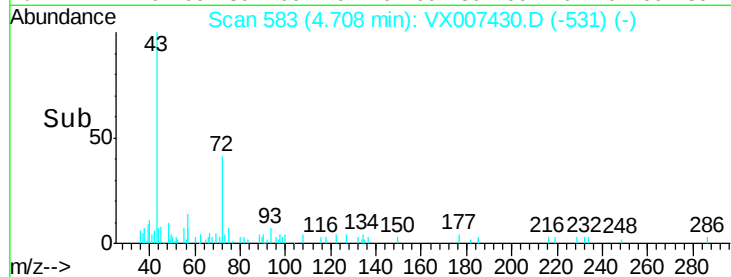
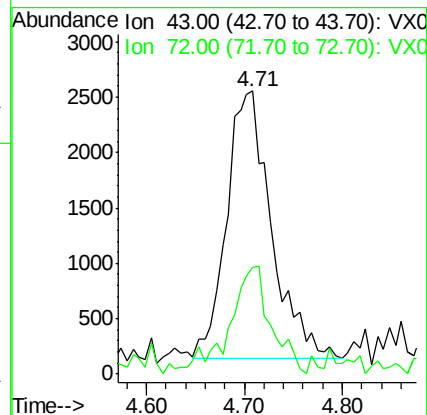
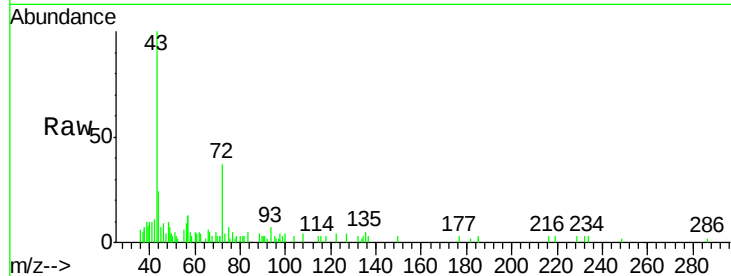
98-WC-S-01-2-57

Tot Ion: 43 Resp: 7591

Ion Ratio Lower Upper

43 100

72 34.6 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 50.852 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007430.D

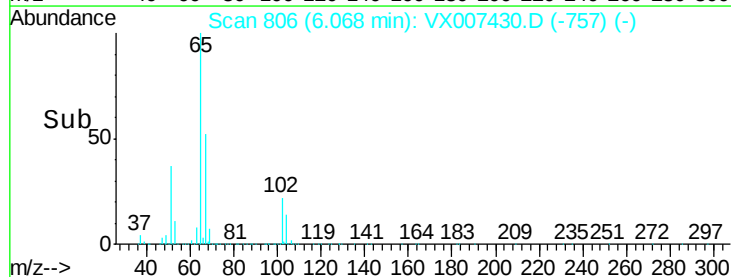
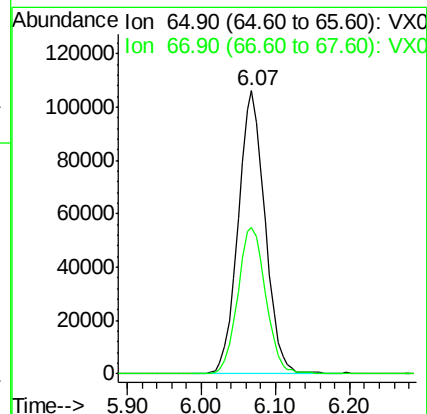
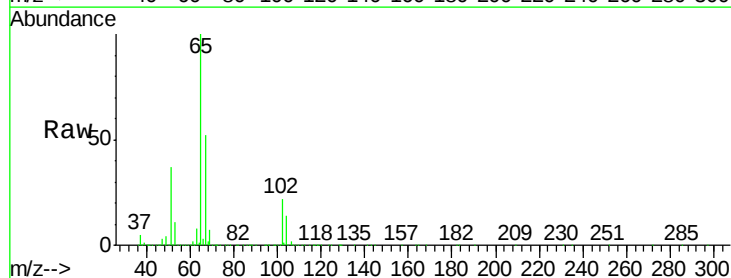
Acq: 07 Feb 2019 17:22

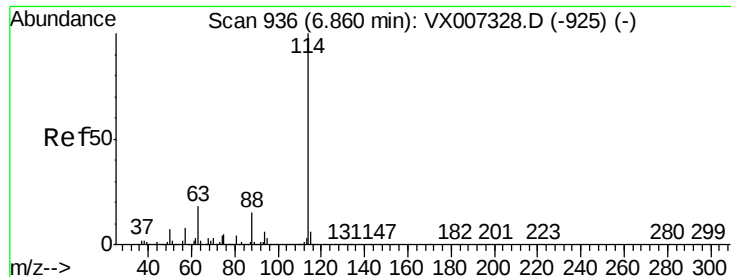
Tgt Ion: 65 Resp: 268646

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

98-WC-S-01-2-57

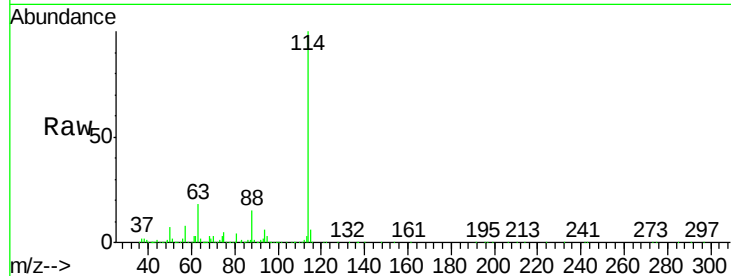
Tot Ion:114 Resp: 778216

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

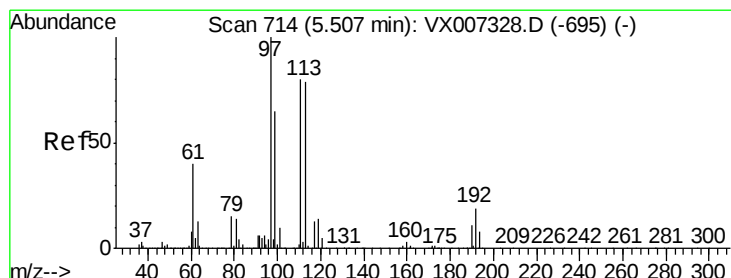
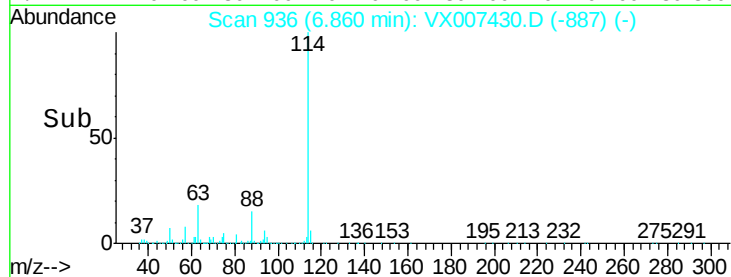
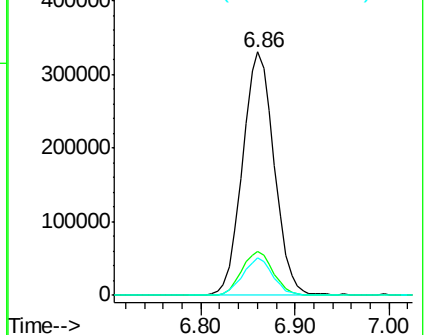
88 15.3 0.0 29.6



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: 49.070 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

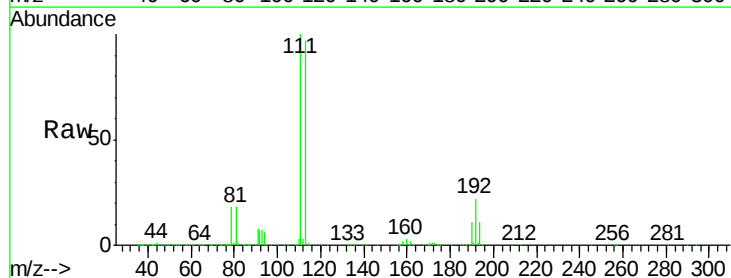
Tgt Ion:113 Resp: 248471

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

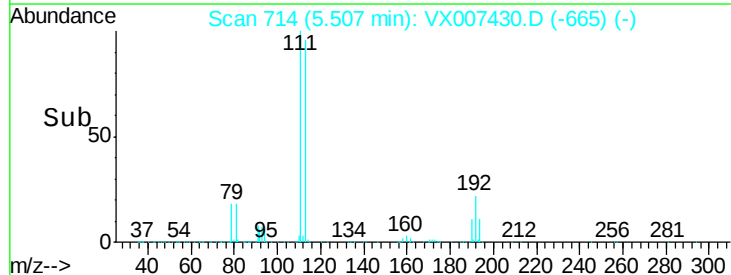
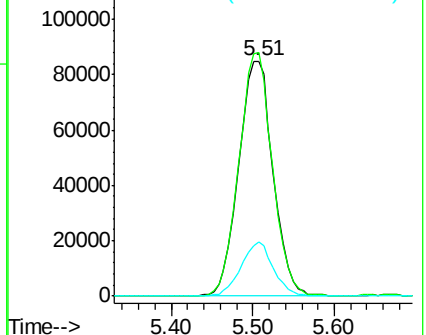
192 21.8 18.5 27.7

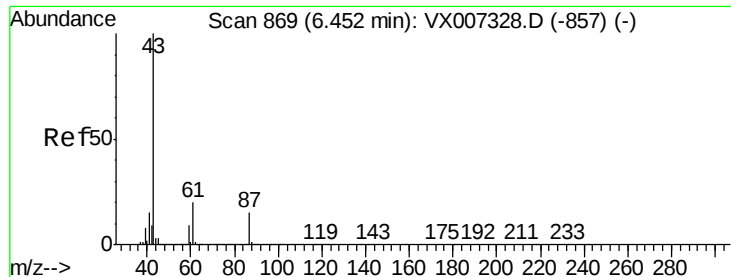


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.522 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

98-WC-S-01-2-57

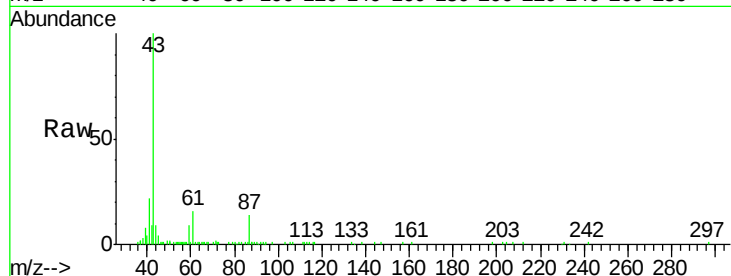
Tot Ion: 43 Resp: 27473

Ion Ratio Lower Upper

43 100

61 22.3 16.1 24.1

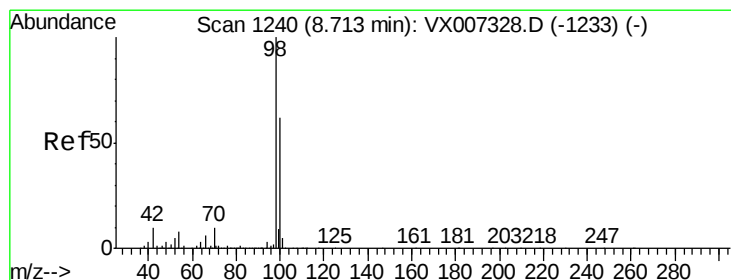
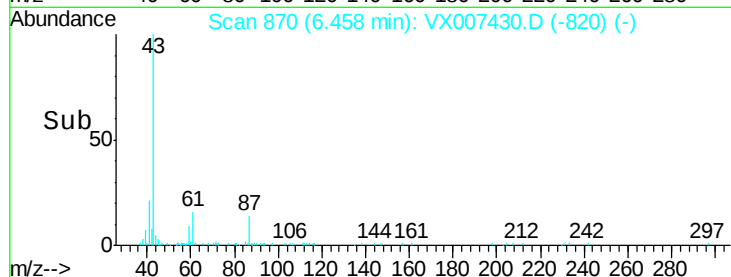
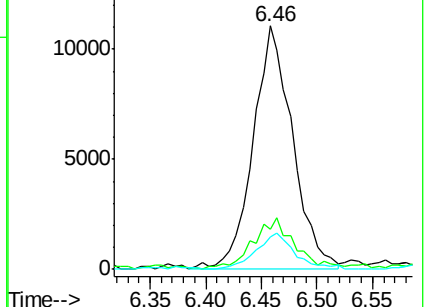
87 14.5 11.5 17.3



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: 51.028 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007430.D

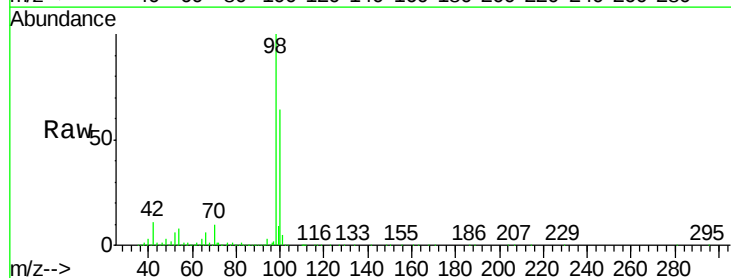
Acq: 07 Feb 2019 17:22

Tgt Ion: 98 Resp: 958642

Ion Ratio Lower Upper

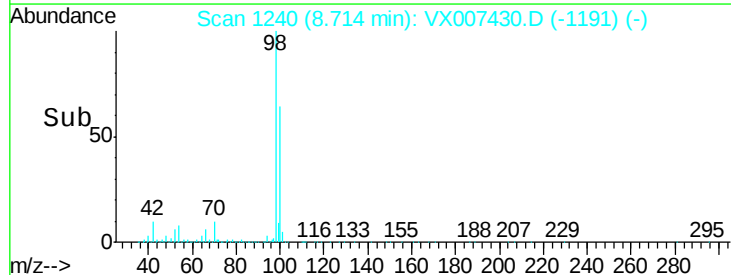
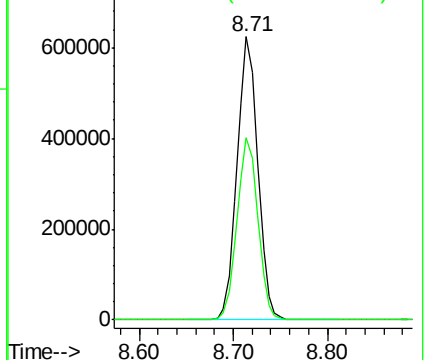
98 100

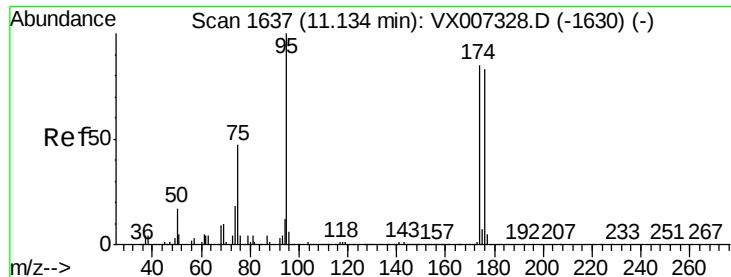
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

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98-WC-S-01-2-57

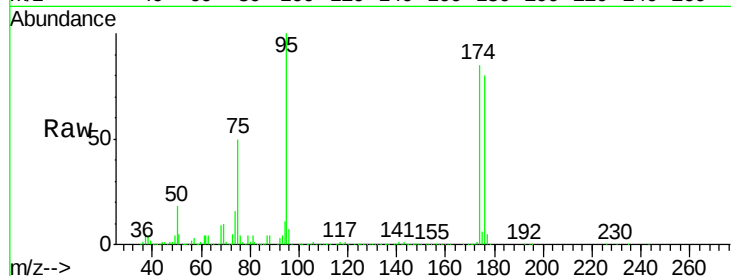
Tot Ion: 95 Resp: 347578

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 89.5 0.0 186.2

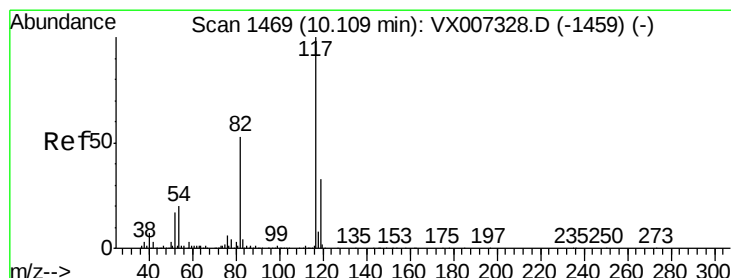
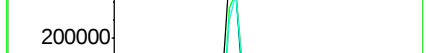
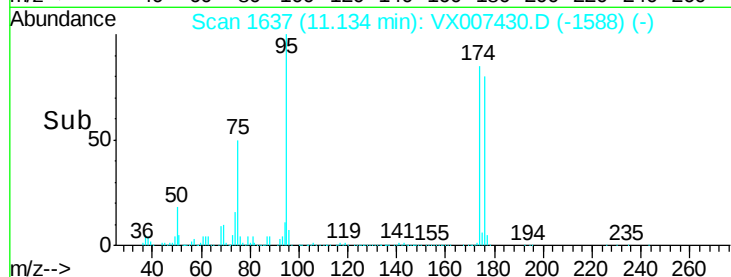


Abundance Ion 94.90 (94.60 to 95.60): VX007430.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007430.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007430.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

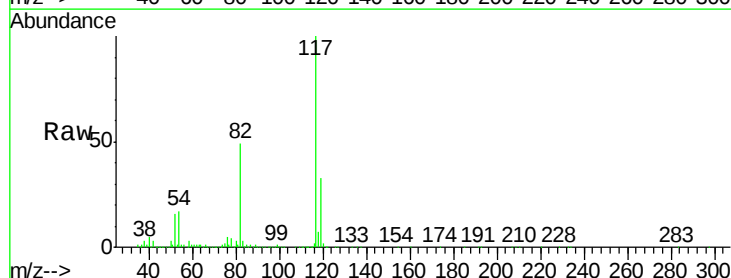
Tgt Ion: 117 Resp: 762851

Ion Ratio Lower Upper

117 100

82 49.2 42.1 63.1

119 32.6 26.5 39.7

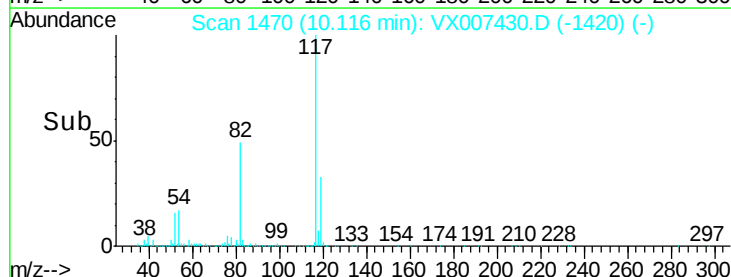


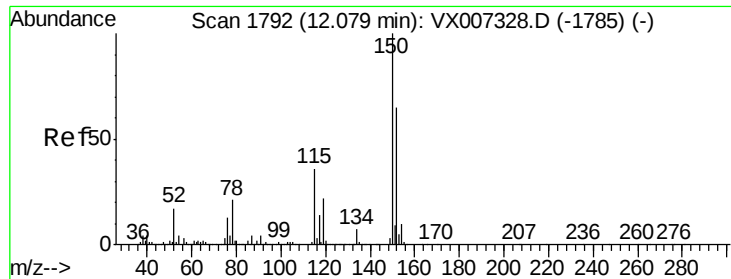
Abundance Ion 116.90 (116.60 to 117.60): VX007430.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007430.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007430.D (-1420) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

Instrument :

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98-WC-S-01-2-57

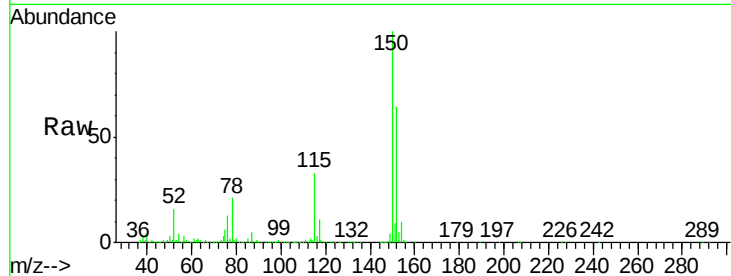
Tot Ion:152 Resp: 373906

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

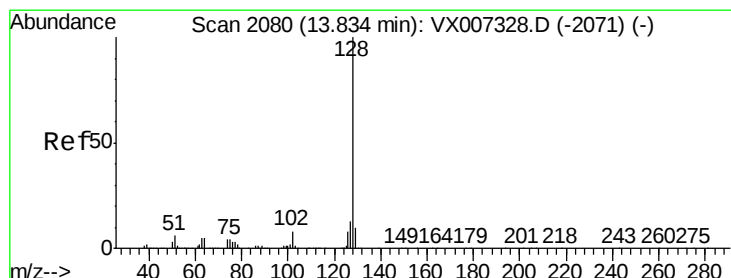
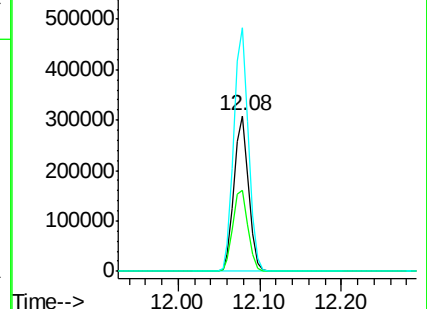
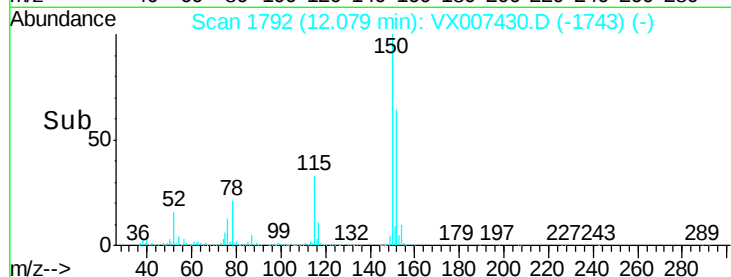
150 157.3 0.0 346.4



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



#95

Naphthalene

Concen: 1.978 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007430.D

Acq: 07 Feb 2019 17:22

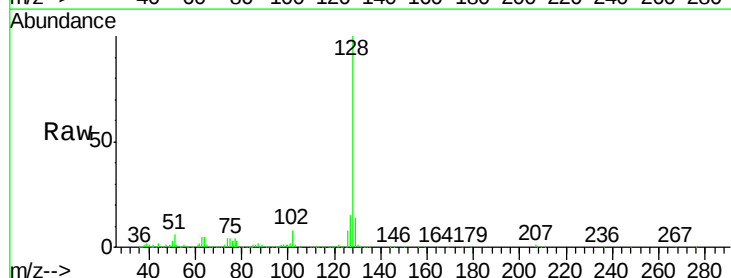
Tgt Ion:128 Resp: 49890

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 12.5 8.7 13.1



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

