

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007270.D
 Acq On : 28 Jan 2019 19:25
 Operator : JC/SP
 Sample : K1250-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-6

Quant Time: Jan 29 01:29:47 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

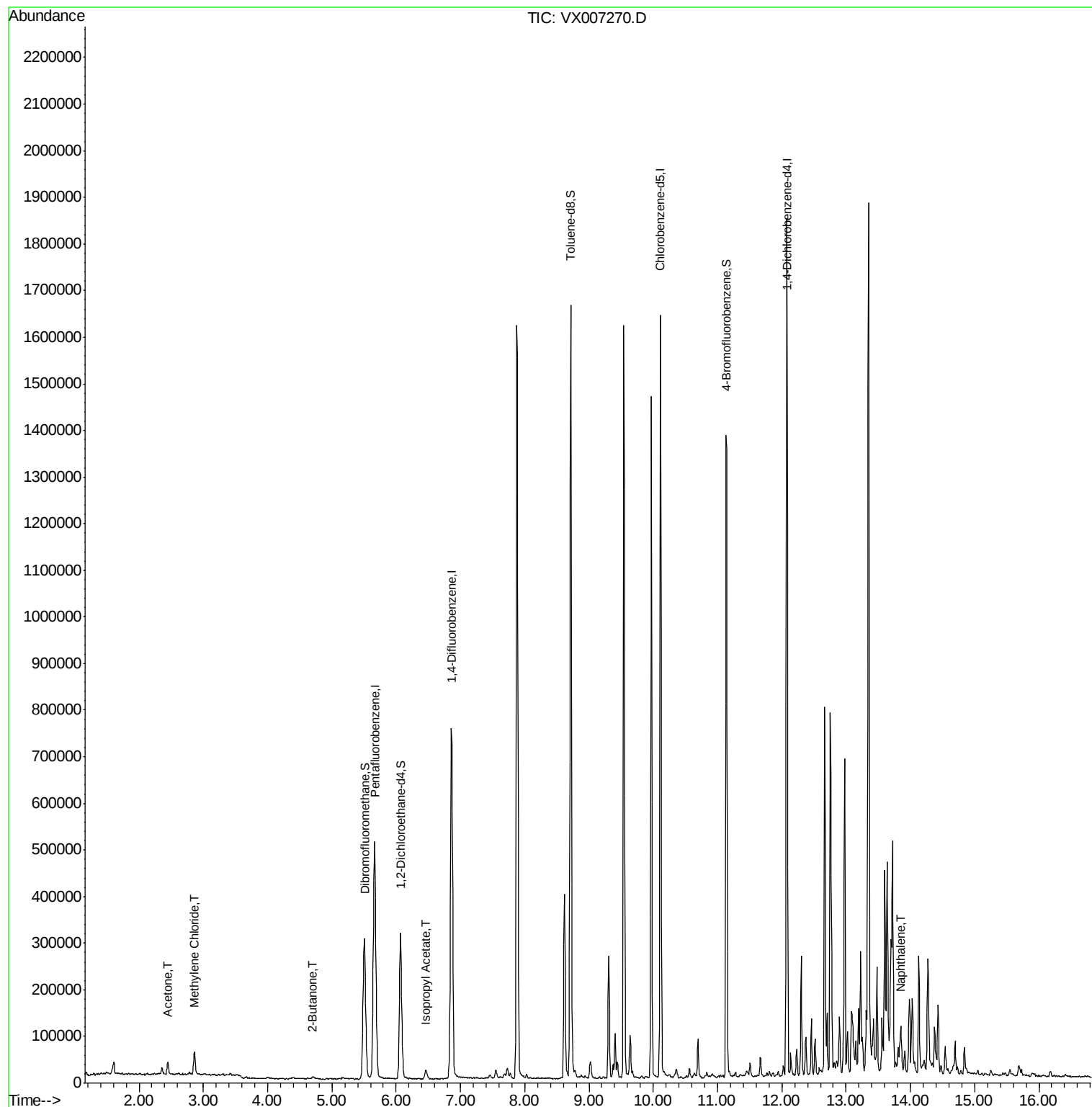
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	529591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	813680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	789319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	396262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287696	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	5.50	113	254190	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	994121	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	362686	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
Target Compounds						
16) Acetone	2.45	43	31105	11.368	ug/l	97
20) Methylene Chloride	2.86	84	22474	3.795	ug/l	94
25) 2-Butanone	4.70	43	8612	2.200	ug/l	90
43) Isopropyl Acetate	6.46	43	24216	2.024	ug/l	97
95) Naphthalene	13.83	128	41434	1.451	ug/l #	90

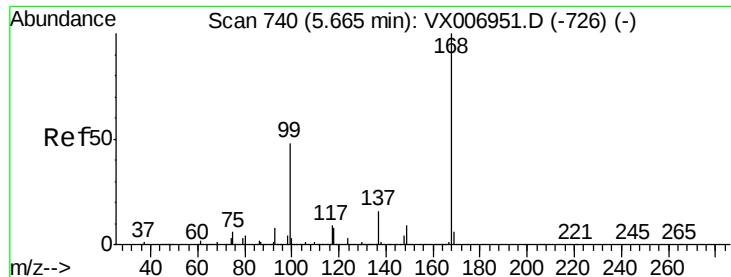
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007270.D

Acq: 28 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

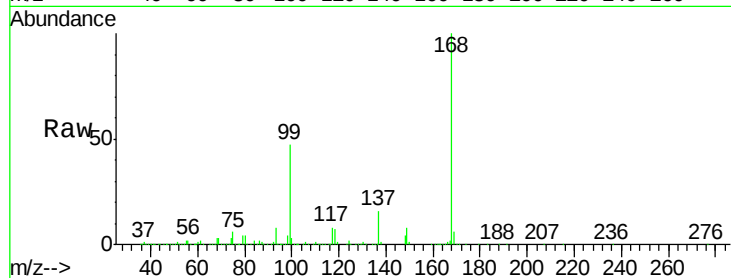
DRUM-6

Tot Ion:168 Resp: 529591

Ion Ratio Lower Upper

168 100

99 47.2 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

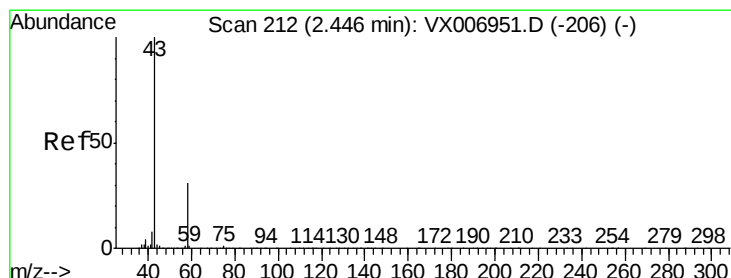
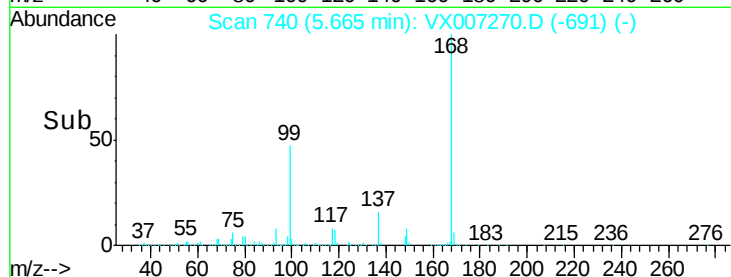
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.368 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007270.D

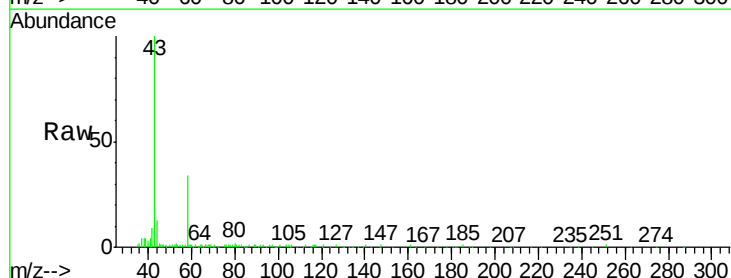
Acq: 28 Jan 2019 19:25

Tgt Ion: 43 Resp: 31105

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

2.45

20000

15000

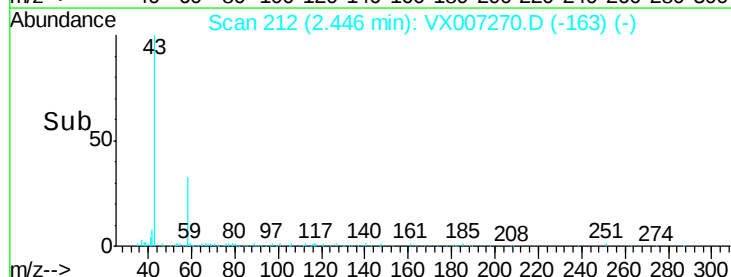
10000

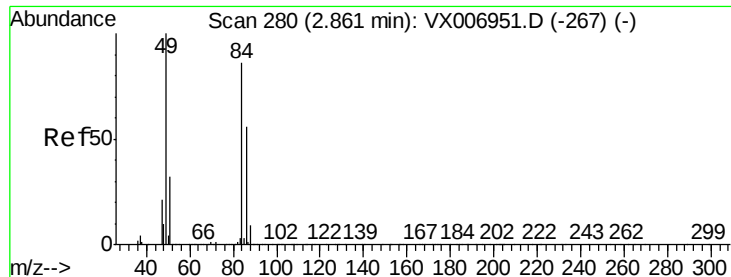
5000

0

Time-->

2.40 2.45 2.50 2.55





#20

Methvlene Chloride

Concen: 3.795 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

DRUM-6

Tot Ion: 84 Resp: 22474

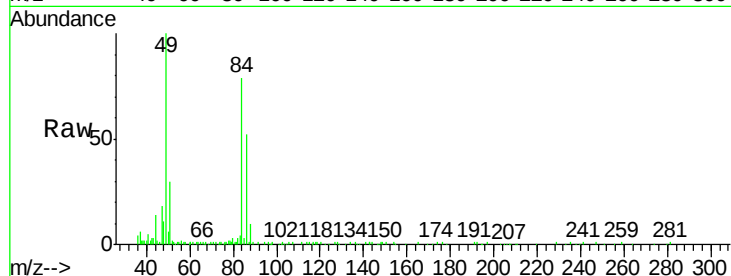
Ion Ratio Lower Upper

84 100

49 124.8 91.8 137.6

51 35.9 28.5 42.7

86 65.6 50.2 75.2

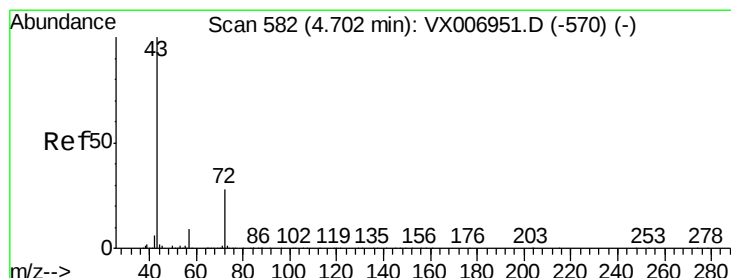
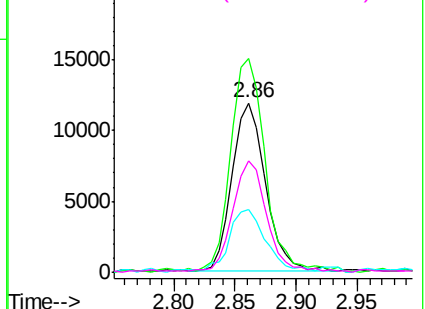
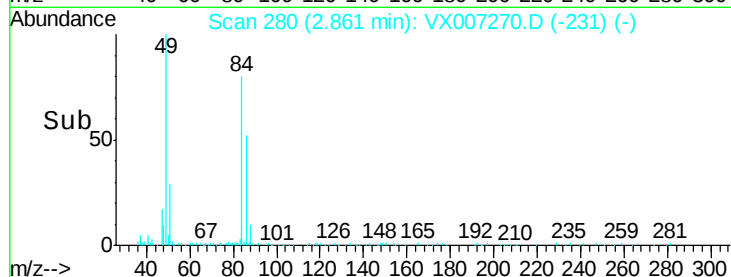


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 2.200 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007270.D

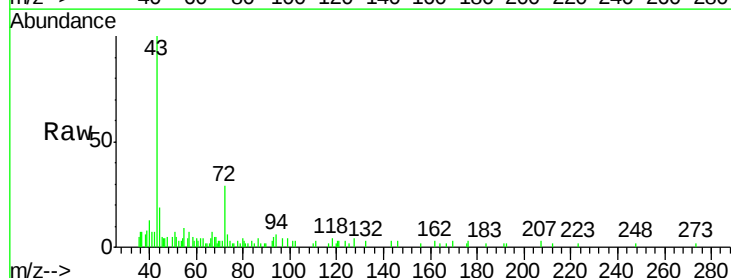
Acq: 28 Jan 2019 19:25

Tgt Ion: 43 Resp: 8612

Ion Ratio Lower Upper

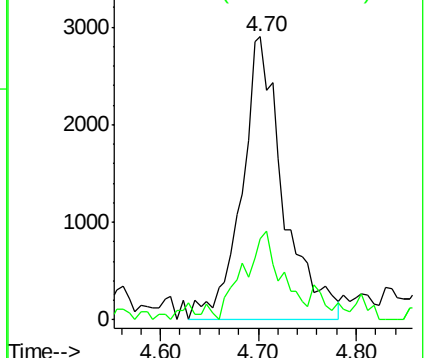
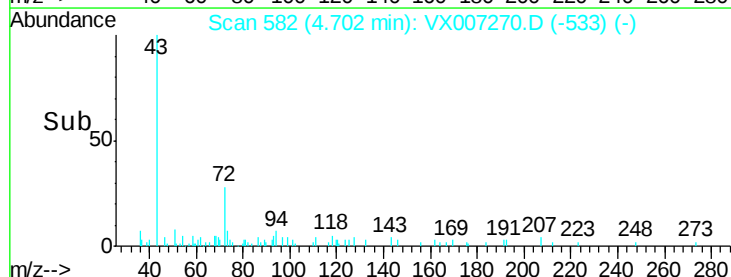
43 100

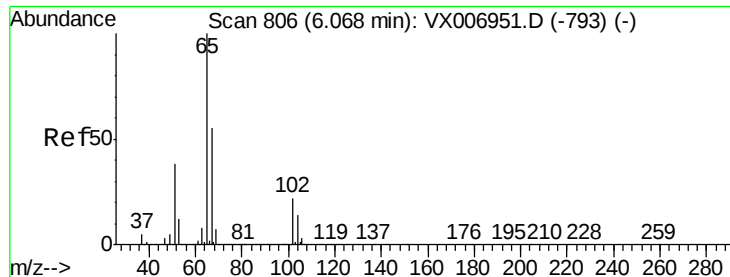
72 22.9 22.4 33.6



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: 51.981 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

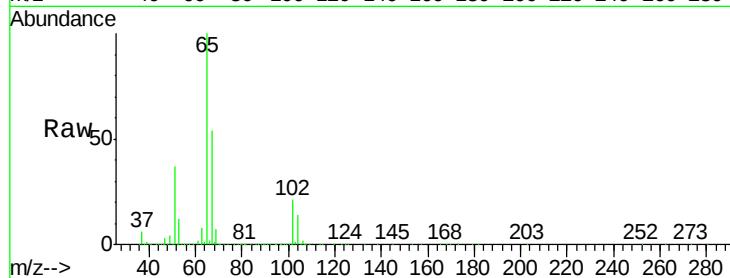
DRUM-6

Tot Ion: 65 Resp: 287696

Ion Ratio Lower Upper

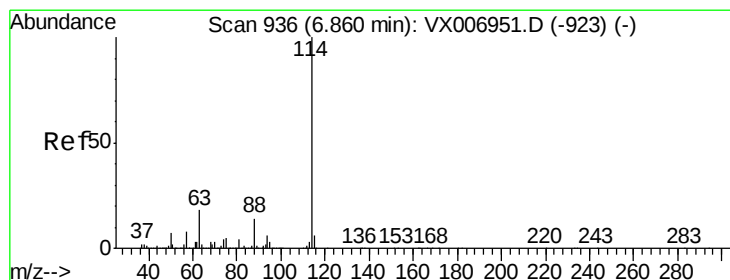
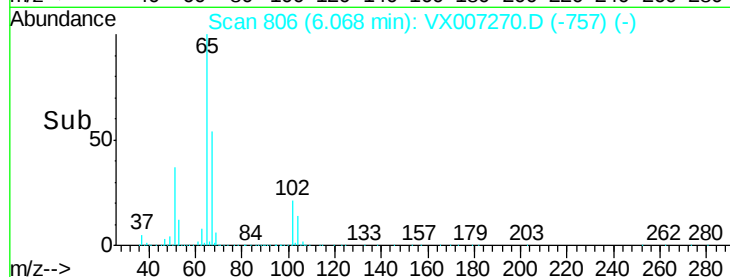
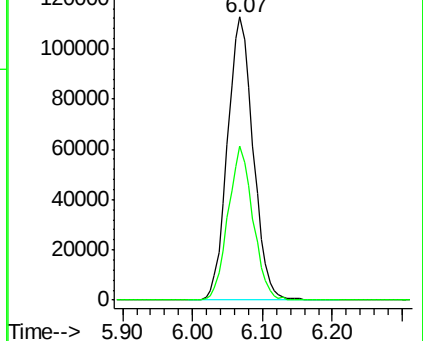
65 100

67 52.6 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: VX007270.D

Acq: 28 Jan 2019 19:25

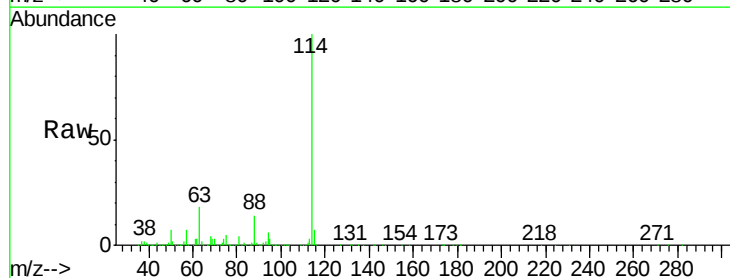
Tgt Ion: 114 Resp: 813680

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

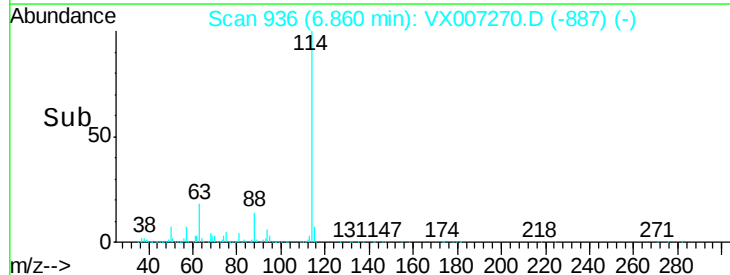
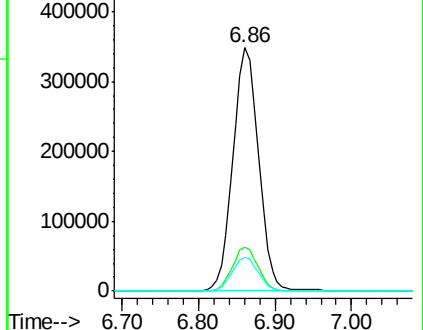
88 13.9 0.0 28.8

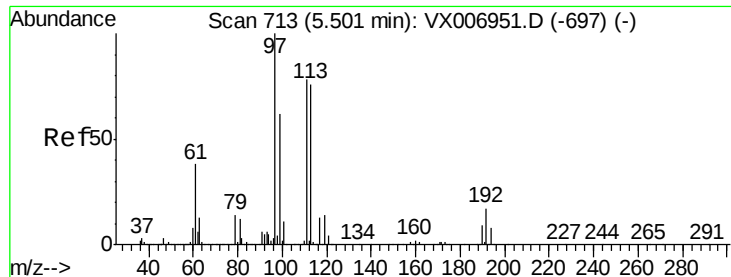


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.782 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

DRUM-6

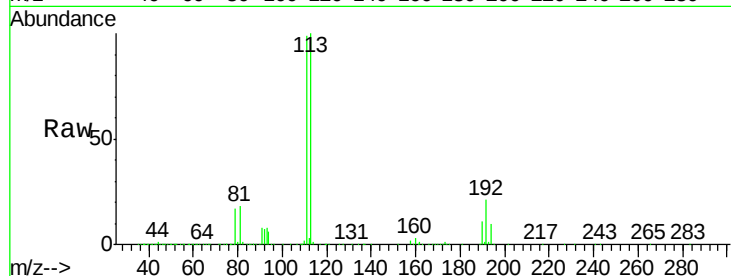
Tot Ion:113 Resp: 254190

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

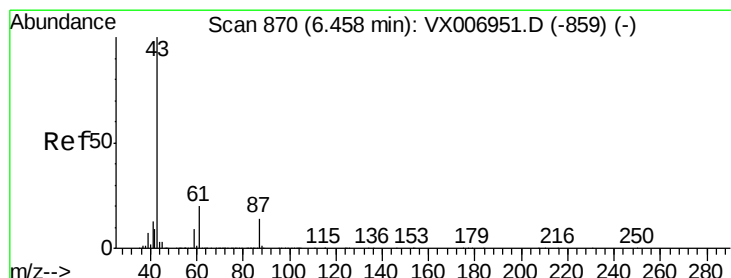
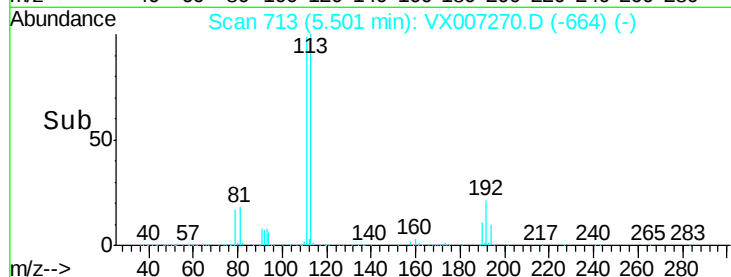
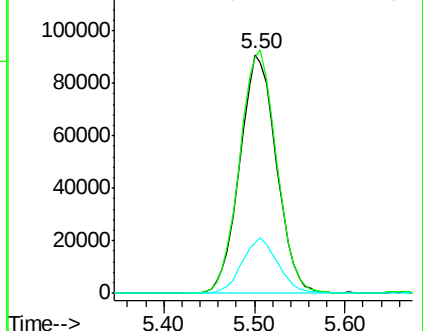
192 22.8 16.7 25.1



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: 2.024 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

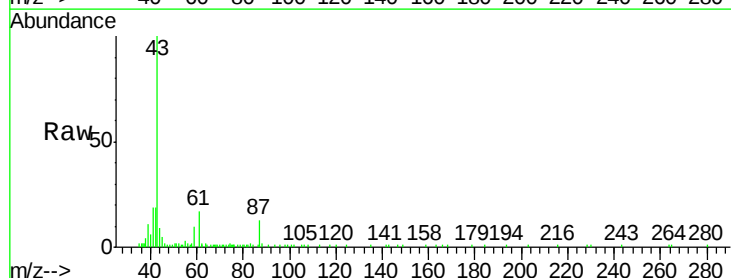
Tgt Ion: 43 Resp: 24216

Ion Ratio Lower Upper

43 100

61 22.6 16.8 25.2

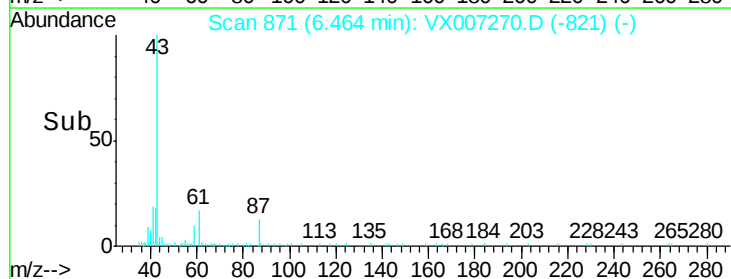
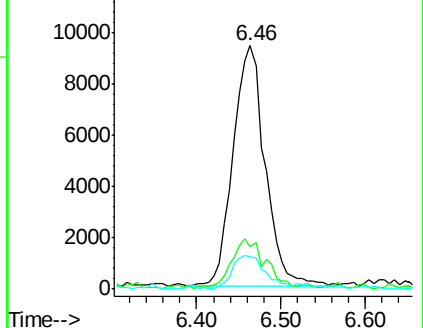
87 14.3 12.4 18.6

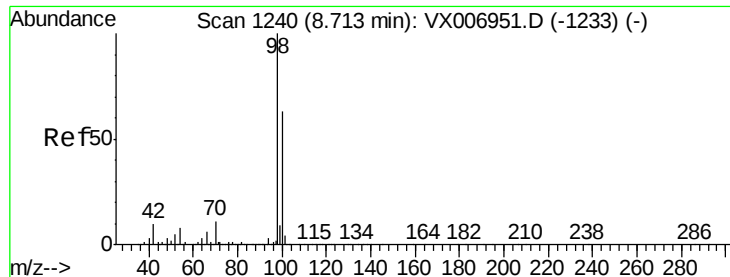


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.122 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

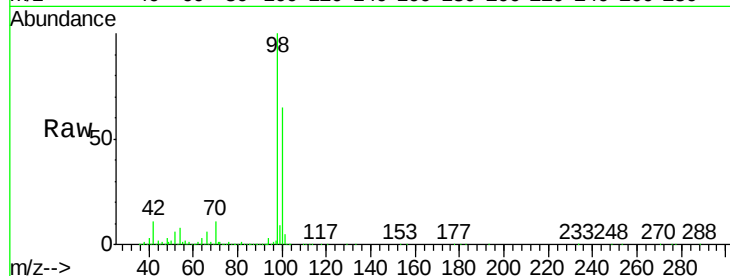
DRUM-6

Tot Ion: 98 Resp: 994121

Ion Ratio Lower Upper

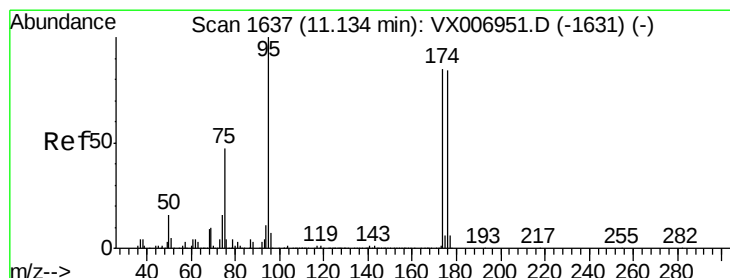
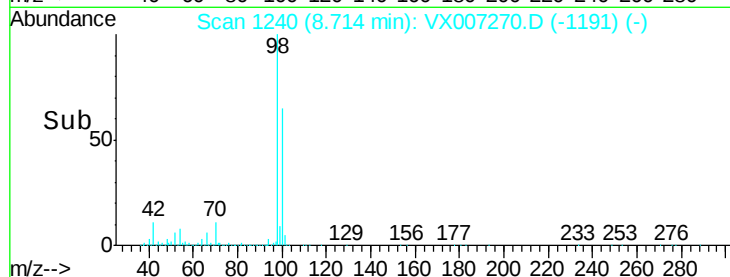
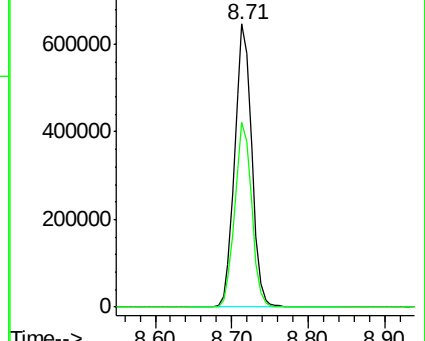
98 100

100 64.6 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: 54.545 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007270.D

Acq: 28 Jan 2019 19:25

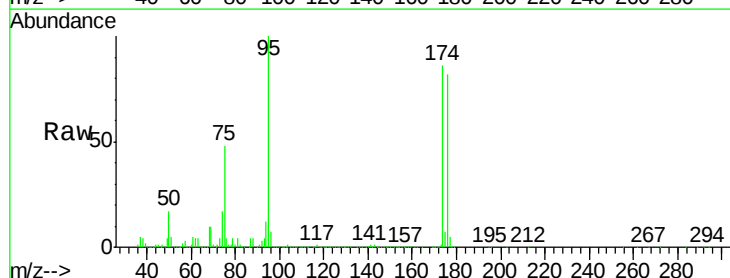
Tgt Ion: 95 Resp: 362686

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

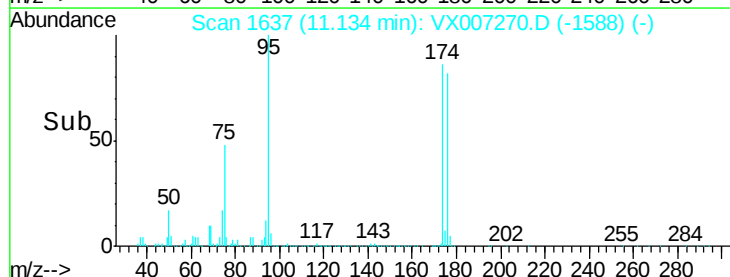
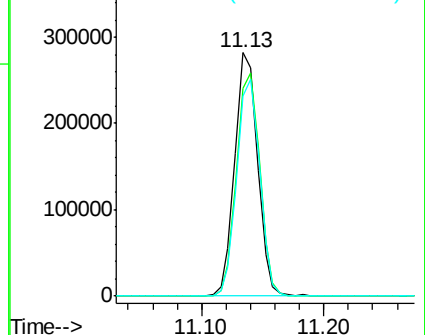
176 89.8 0.0 178.8

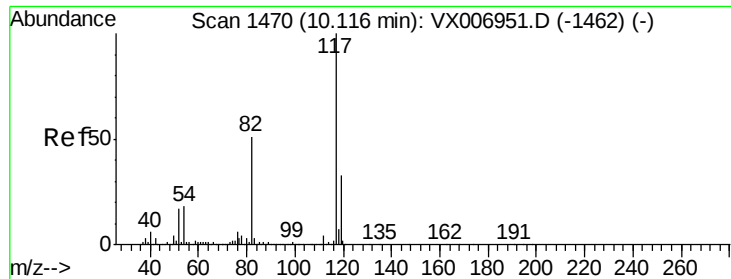


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

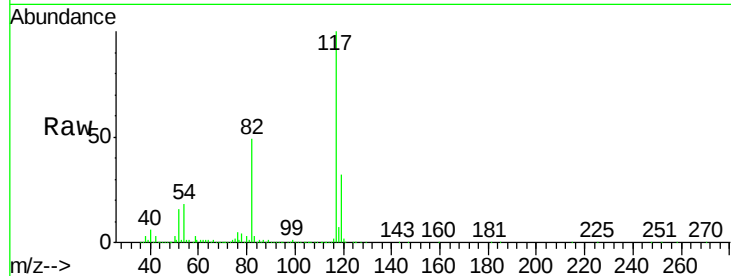




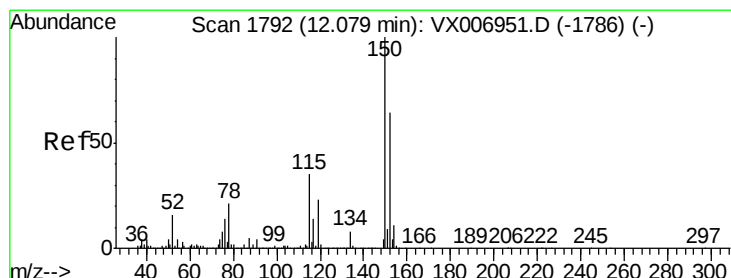
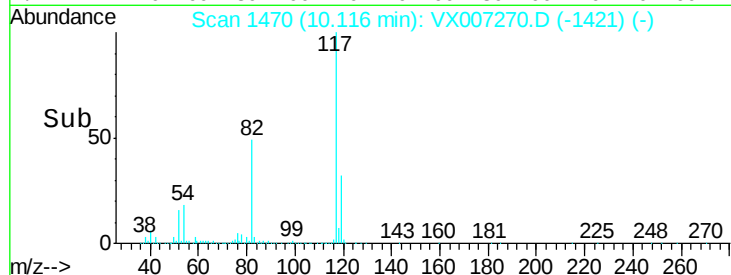
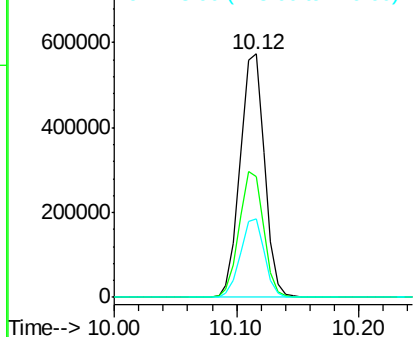
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007270.D
Acq: 28 Jan 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
DRUM-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.0	61.6
119	32.2	25.4	38.0

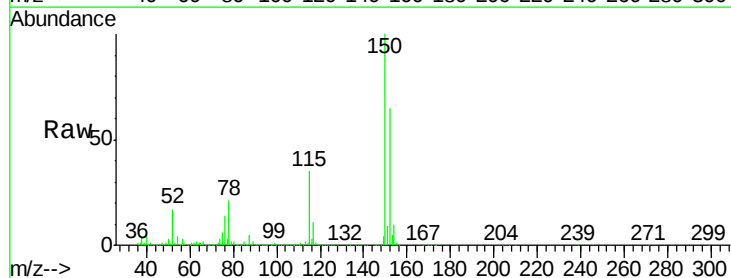


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

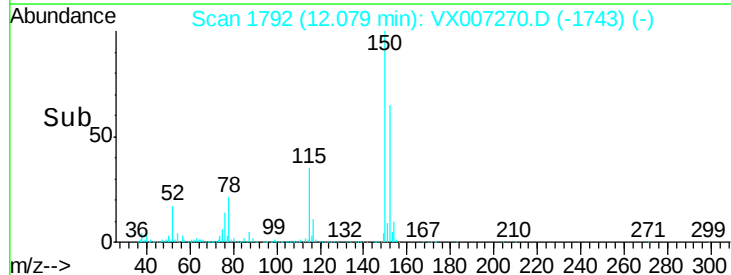
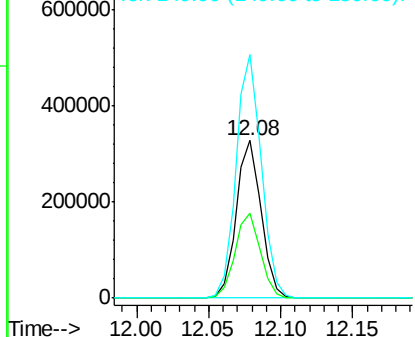


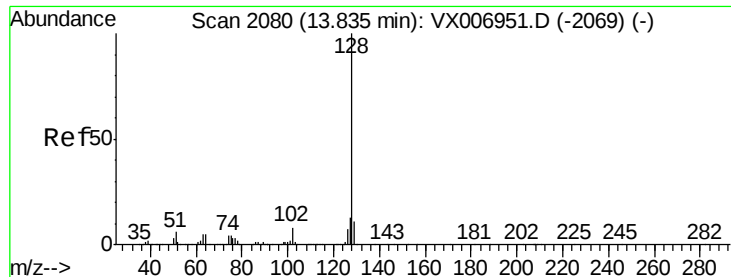
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007270.D
Acq: 28 Jan 2019 19:25

Tgt 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

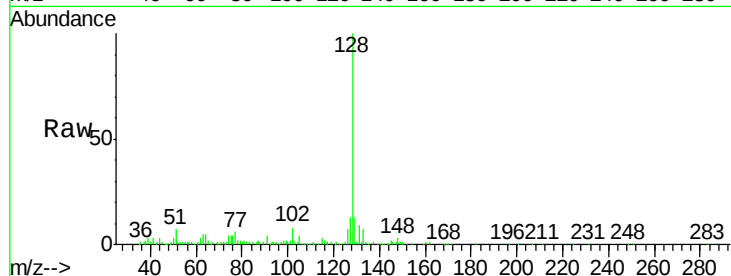




#95
Naphthalene
Concen: 1.451 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007270.D
Acq: 28 Jan 2019 19:25

Instrument :
MSVOA_X
ClientSampleId :
DRUM-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.1	15.1#
129	15.2	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

