

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007249.D
 Acq On : 26 Jan 2019 00:14
 Operator : JC/SP
 Sample : K1233-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SANDHILL-RO-1-8

Quant Time: Jan 28 02:18:53 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	525679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	811803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	278872	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	247964	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.71	98	985417	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.13	95	348833	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

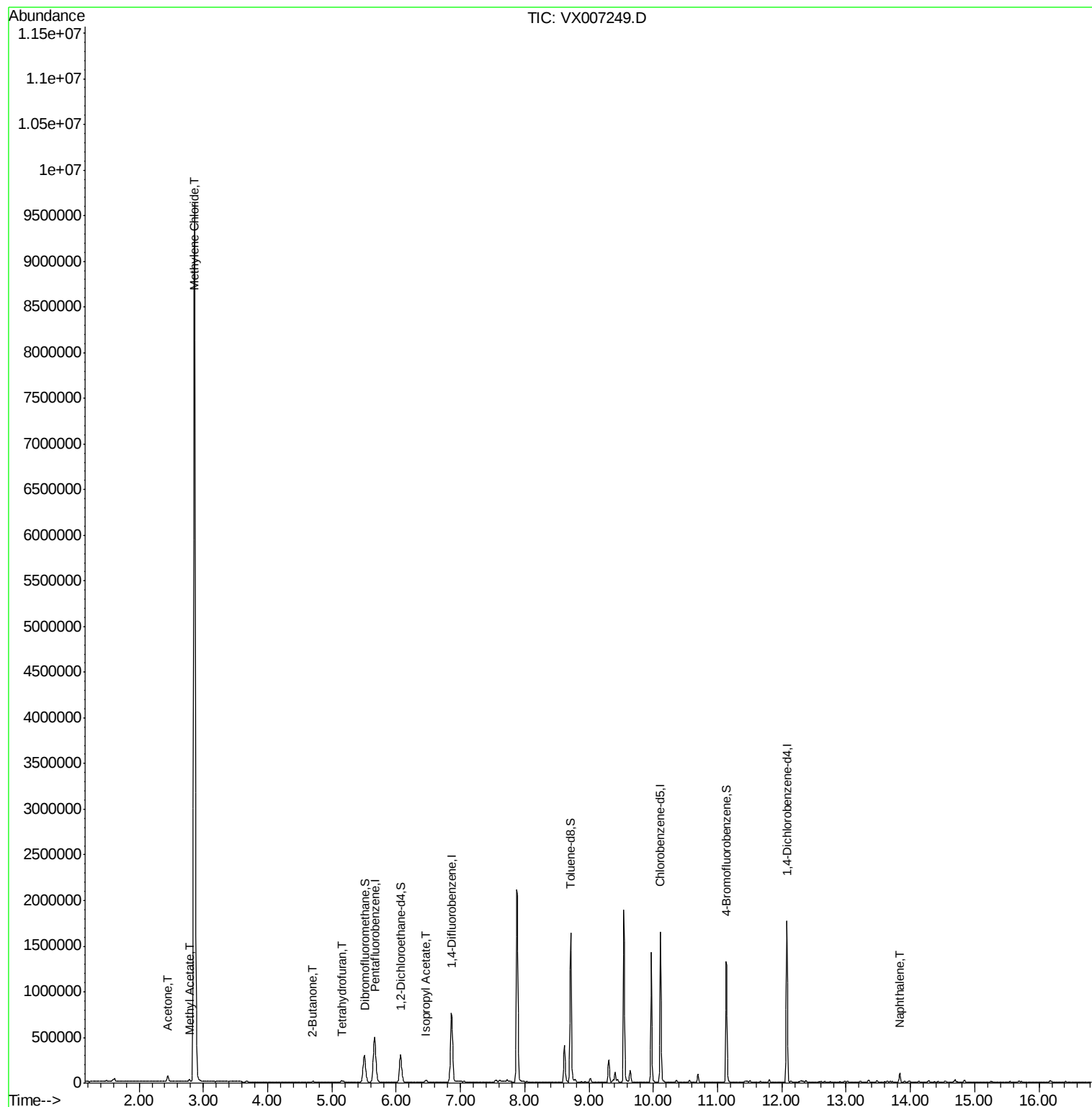
					Qvalue
16) Acetone	2.45	43	70674	26.022	ug/l 97
18) Methyl Acetate	2.78	43	27316	3.473	ug/l 94
20) Methylene Chloride	2.86	84	4413122	863.509	ug/l 95
25) 2-Butanone	4.70	43	16467	4.237	ug/l 100
29) Tetrahydrofuran	5.15	42	15456	6.120	ug/l 97
43) Isopropyl Acetate	6.46	43	26746	2.241	ug/l 95
95) Naphthalene	13.83	128	61916	2.260	ug/l 97

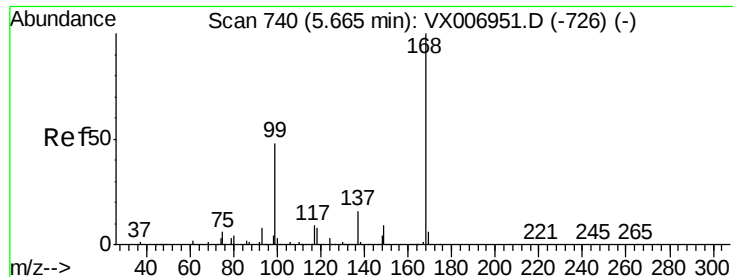
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012619\
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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: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

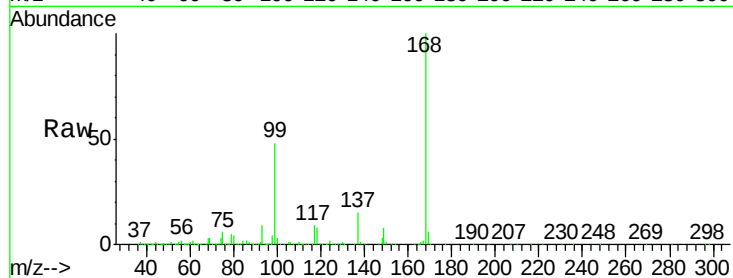
SANDHILL-RO-1-8

Tot Ion:168 Resp: 525679

Ion Ratio Lower Upper

168 100

99 48.3 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

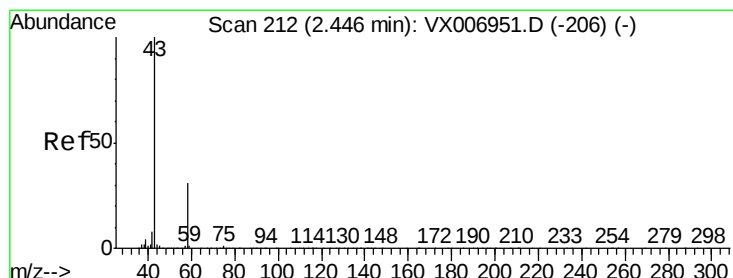
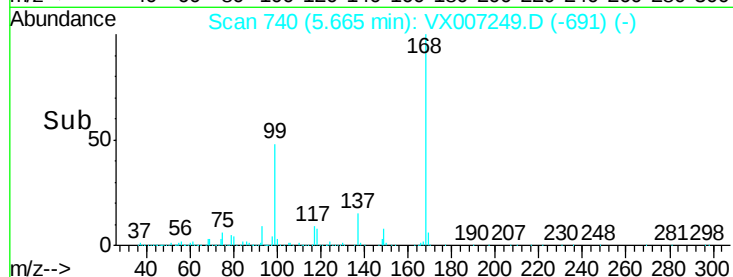
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 26.022 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007249.D

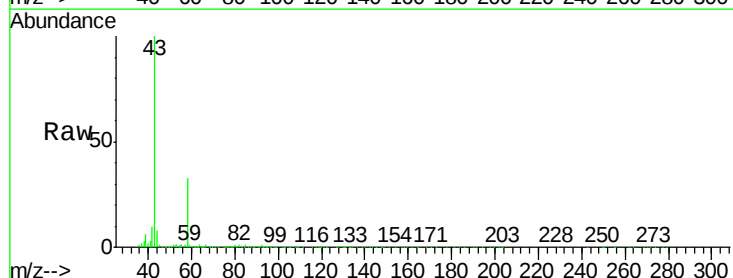
Acq: 26 Jan 2019 00:14

Tgt Ion: 43 Resp: 70674

Ion Ratio Lower Upper

43 100

58 32.8 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

40000

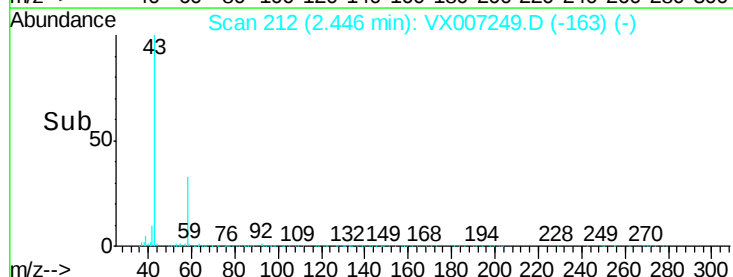
30000

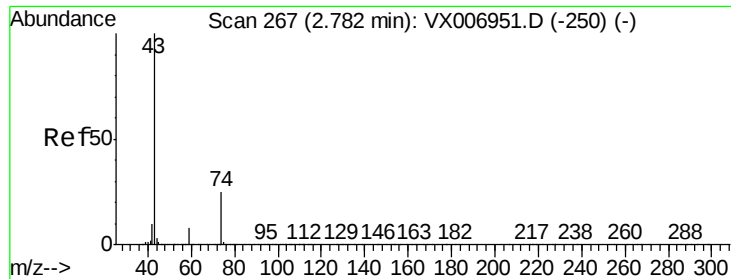
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

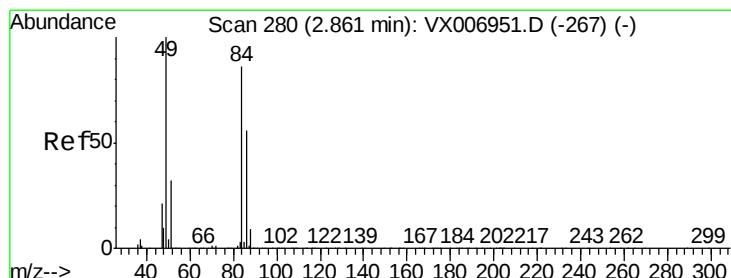
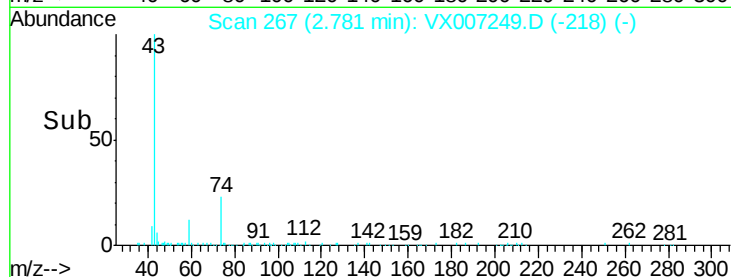
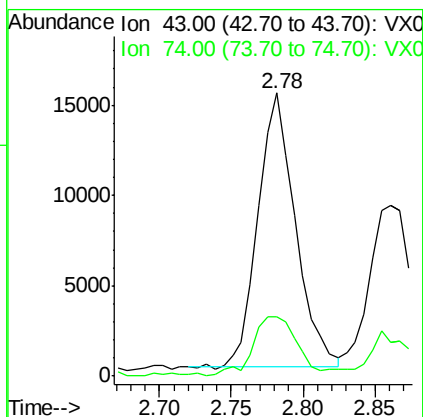
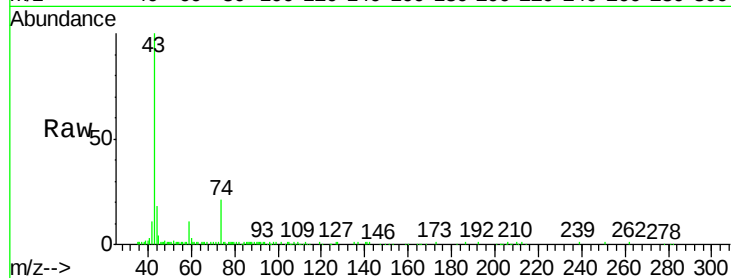




#18
Methyl Acetate
Concen: 3.473 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007249.D
Acq: 26 Jan 2019 00:14

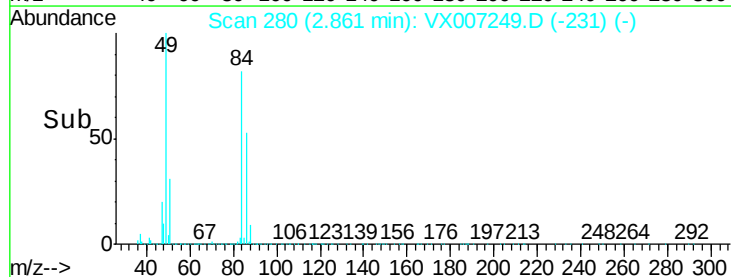
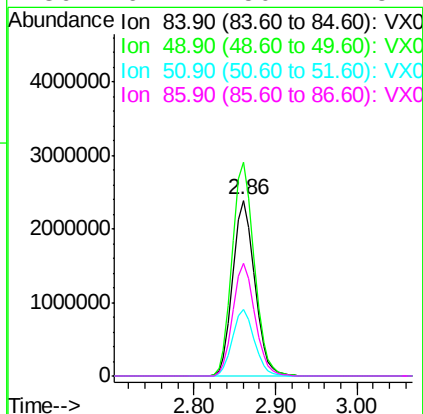
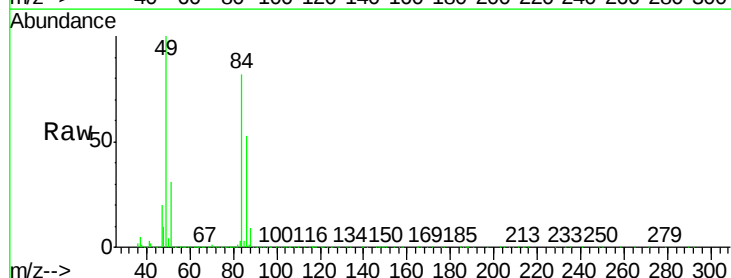
Instrument :
MSVOA_X
ClientSampleId :
SANDHILL-RO-1-8

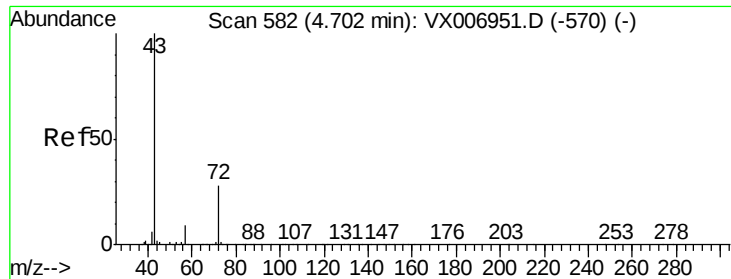
Tot Ion: 43 Resp: 27316
Ion Ratio Lower Upper
43 100
74 26.0 18.6 28.0



#20
Methylene Chloride
Concen: 863.509 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007249.D
Acq: 26 Jan 2019 00:14

Tgt Ion: 84 Resp: 4413122
Ion Ratio Lower Upper
84 100
49 121.8 91.8 137.6
51 38.1 28.5 42.7
86 64.2 50.2 75.2





#25

2-Butanone

Concen: 4.237 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

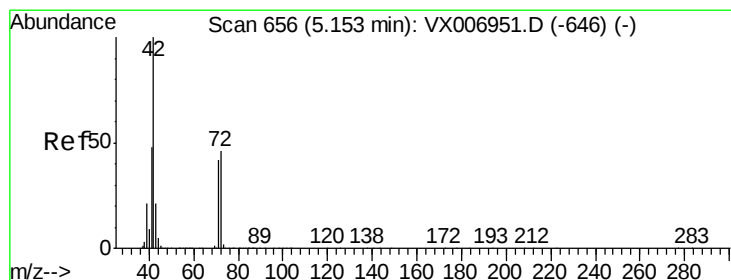
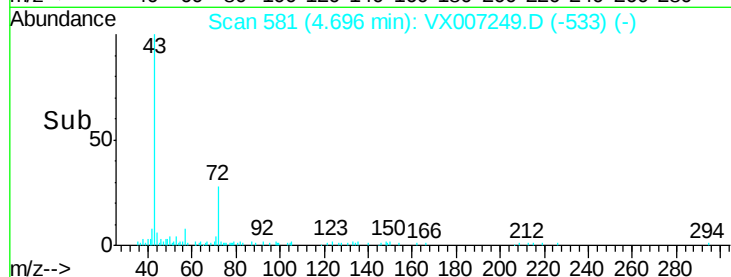
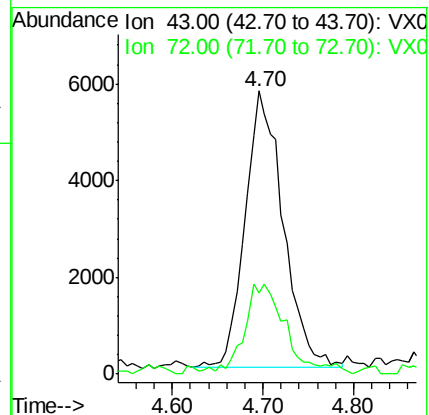
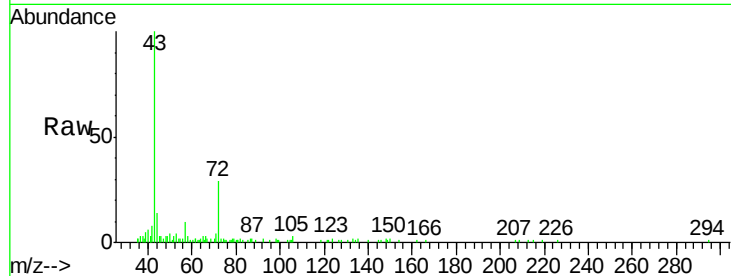
SANDHILL-RO-1-8

Tot Ion: 43 Resp: 16467

Ion Ratio Lower Upper

43 100

72 27.8 22.4 33.6



#29

Tetrahydrofuran

Concen: 6.120 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

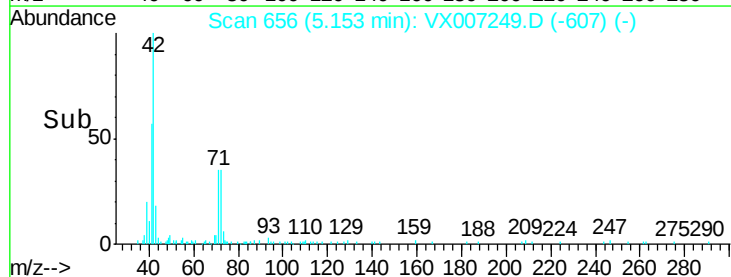
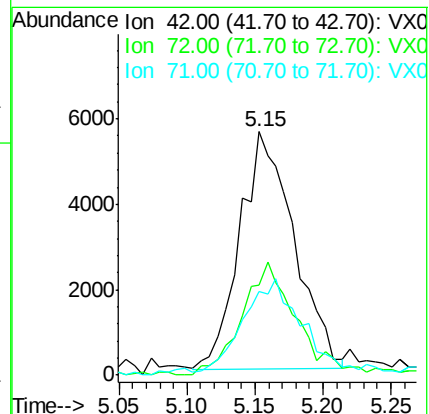
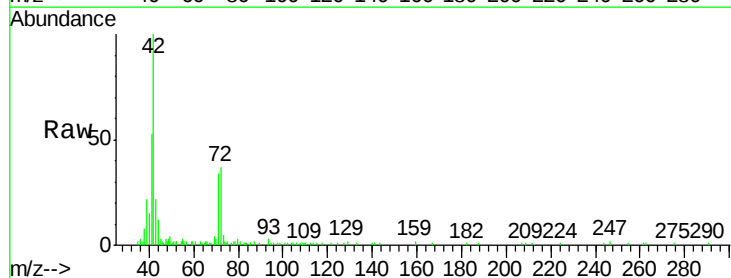
Tgt Ion: 42 Resp: 15456

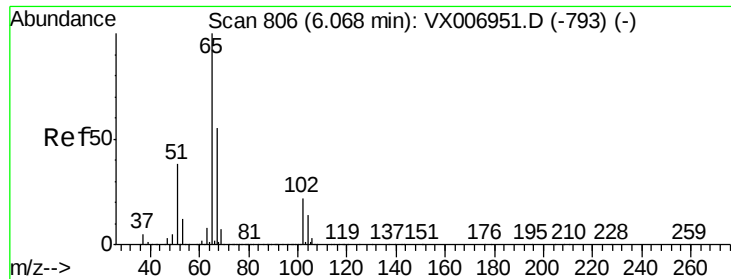
Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

71 41.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.761 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

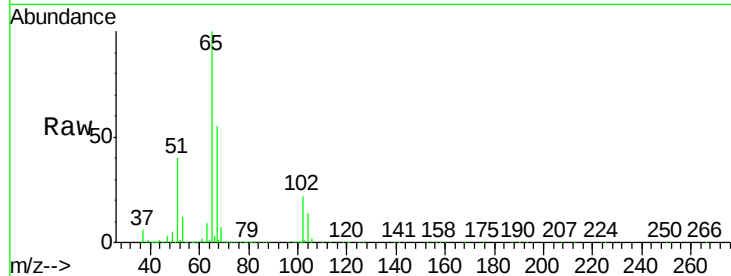
SANDHILL-RO-1-8

Tot Ion: 65 Resp: 278872

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

6.07

120000

100000

80000

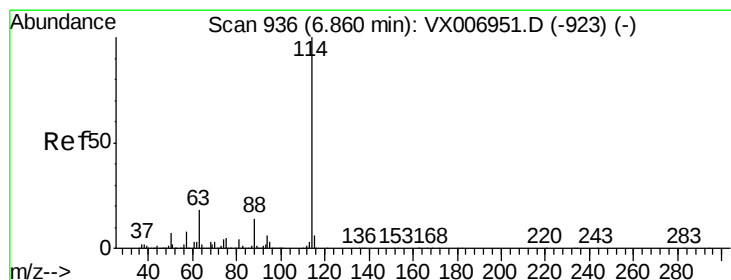
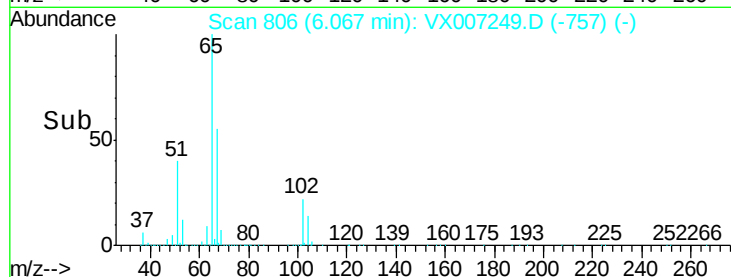
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

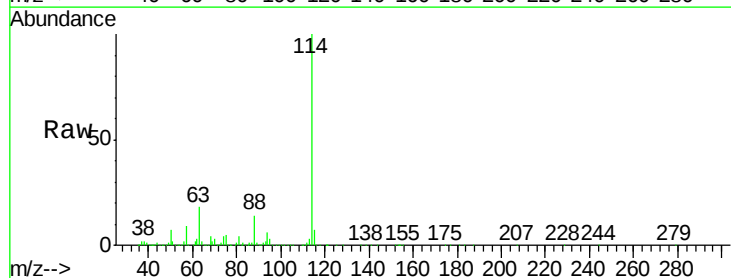
Tgt Ion: 114 Resp: 811803

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 14.0 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

6.86

400000

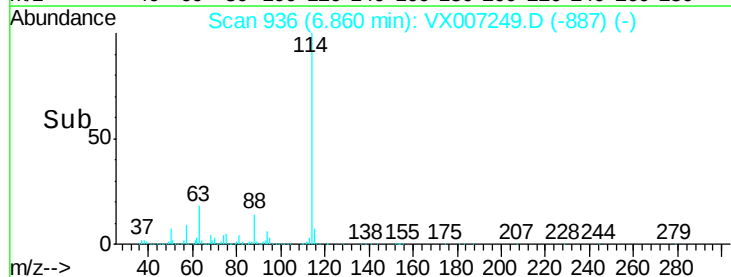
300000

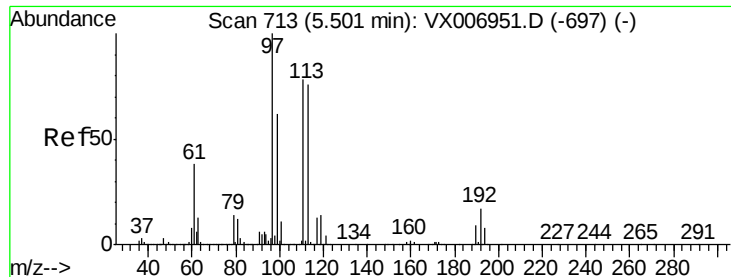
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.697 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

SANDHILL-RO-1-8

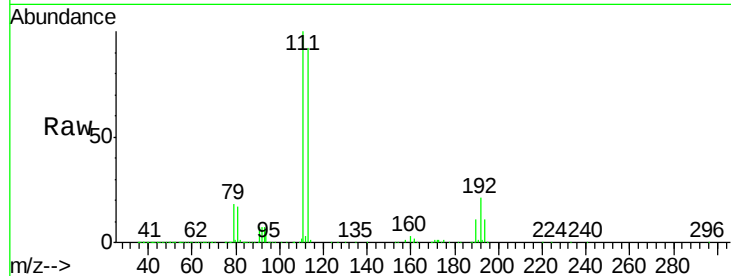
Tot Ion:113 Resp: 247964

Ion Ratio Lower Upper

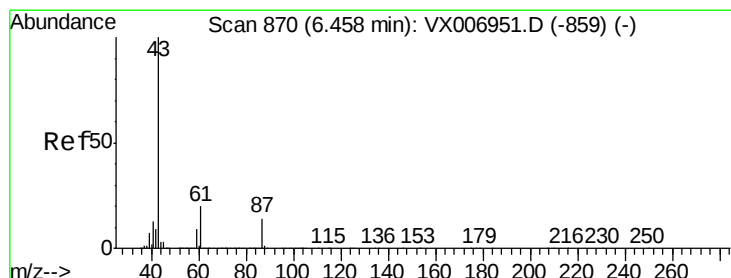
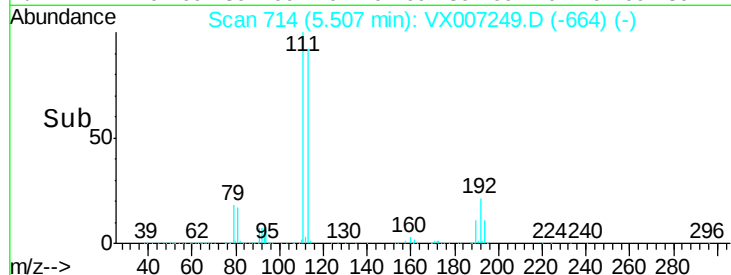
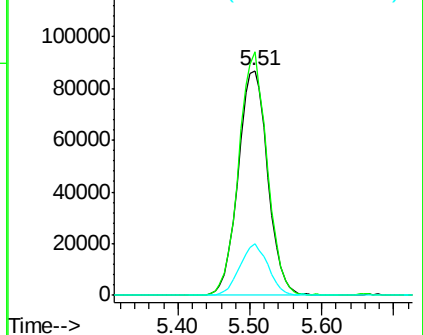
113 100

111 103.9 81.6 122.4

192 22.4 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: 2.241 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

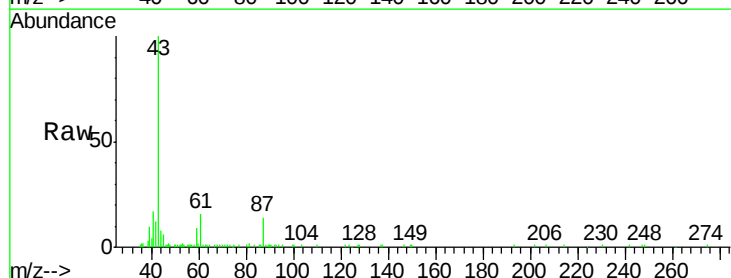
Tgt Ion: 43 Resp: 26746

Ion Ratio Lower Upper

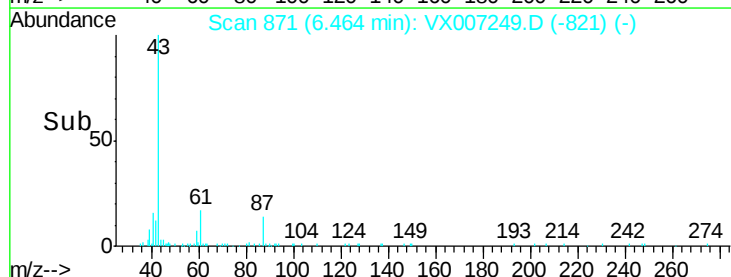
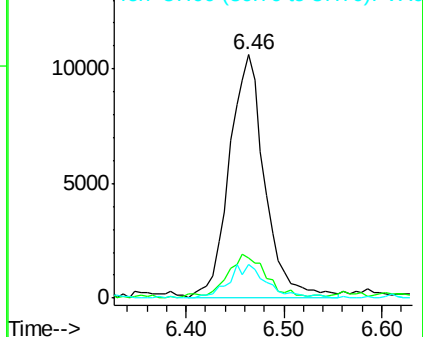
43 100

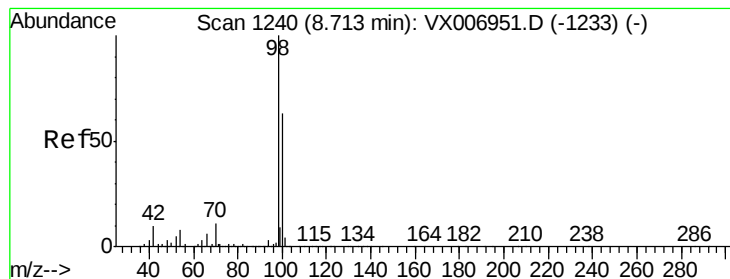
61 17.3 16.8 25.2

87 14.6 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: 51.785 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

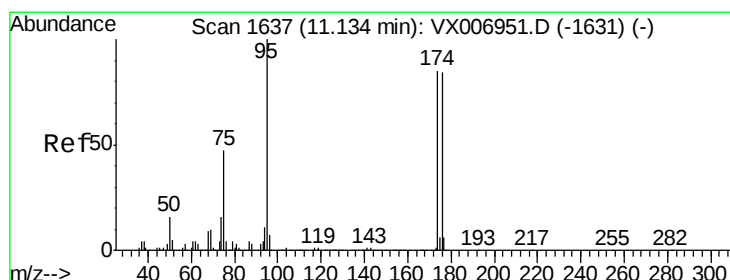
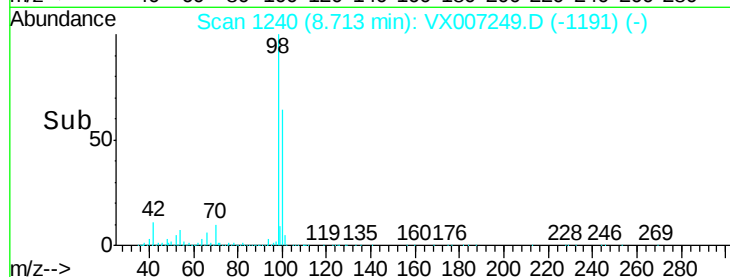
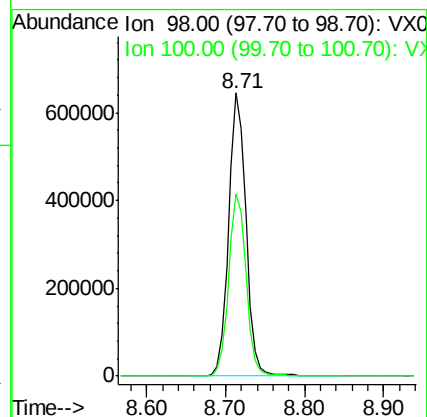
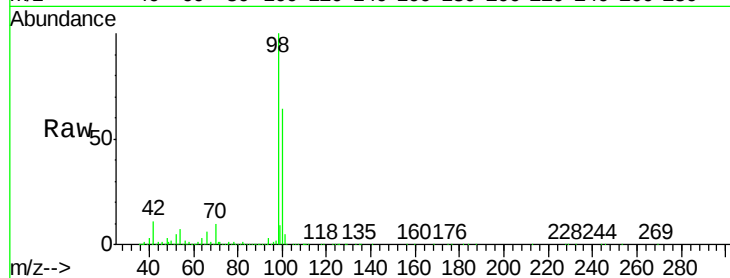
SANDHILL-RO-1-8

Tot Ion: 98 Resp: 985417

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.583 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

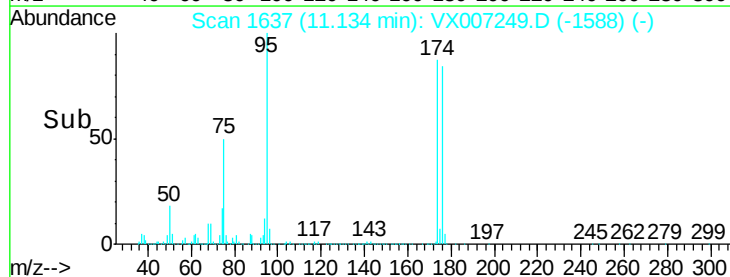
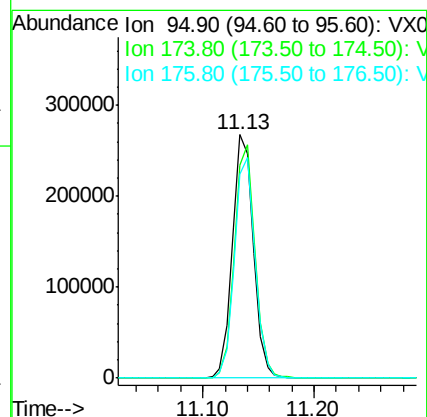
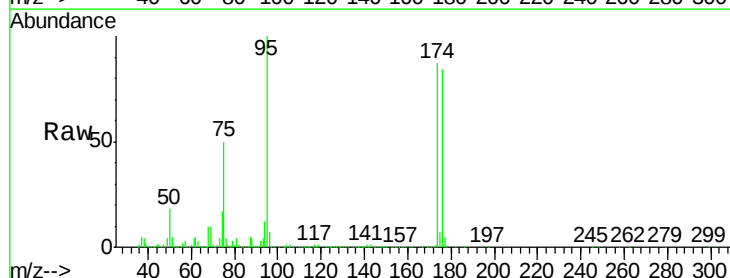
Tgt Ion: 95 Resp: 348833

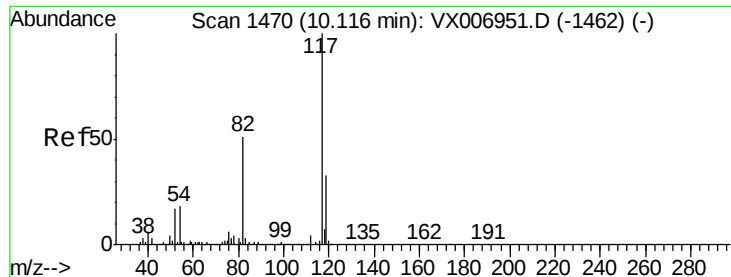
Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

176 89.8 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007249.D

Acq: 26 Jan 2019 00:14

Instrument :

MSVOA_X

ClientSampleId :

SANDHILL-RO-1-8

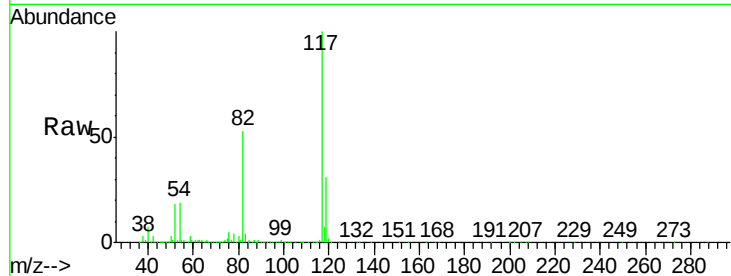
Tot Ion:117 Resp: 782201

Ion Ratio Lower Upper

117 100

82 52.8 41.0 61.6

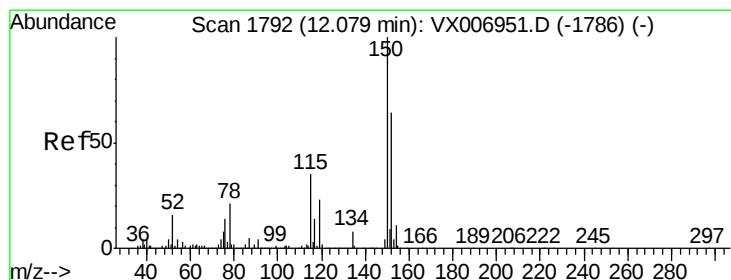
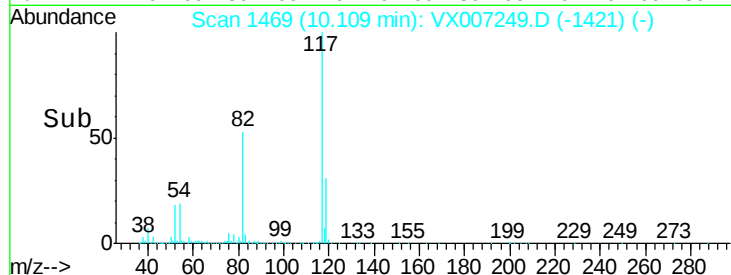
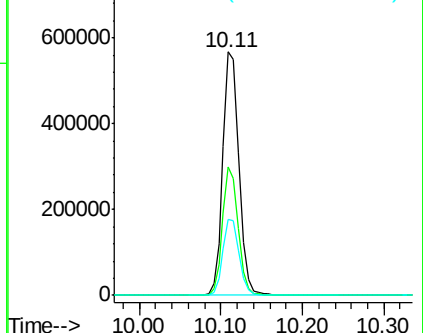
119 31.0 25.4 38.0



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: VX007249.D

Acq: 26 Jan 2019 00:14

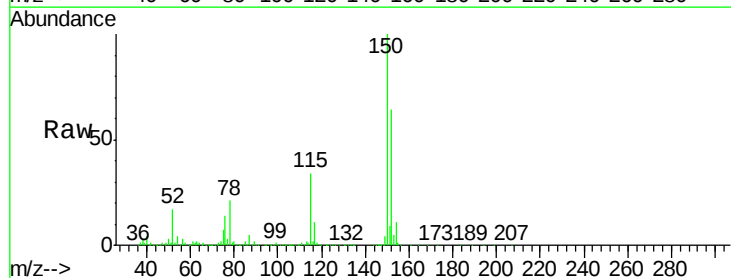
Tgt Ion:152 Resp: 380189

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

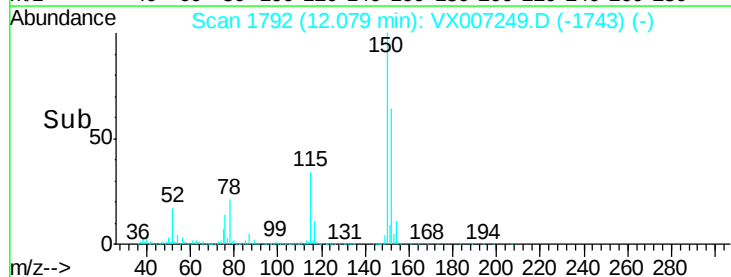
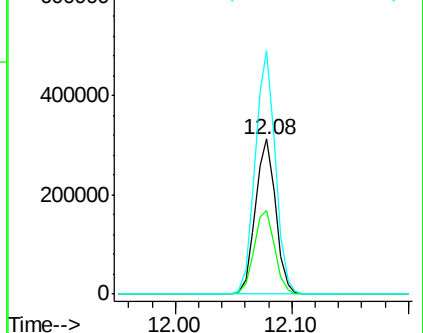
150 155.8 0.0 344.8

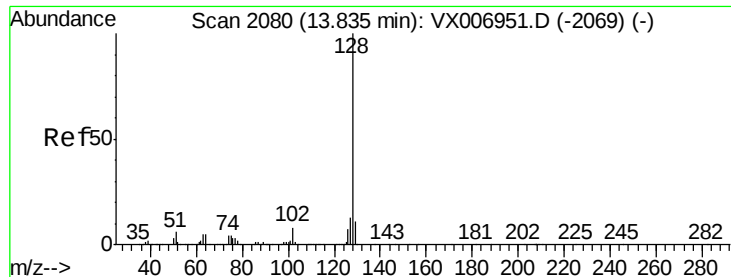


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

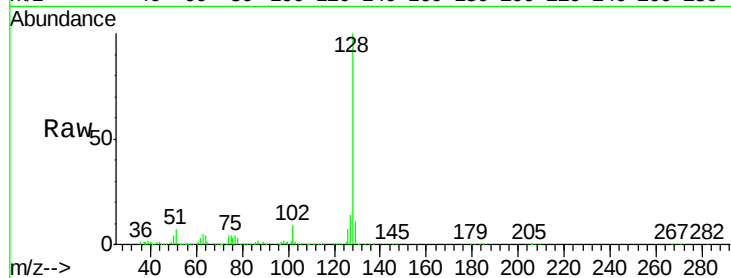




#95
Naphthalene
Concen: 2.260 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007249.D
Acq: 26 Jan 2019 00:14

Instrument :
MSVOA_X
ClientSampleId :
SANDHILL-RO-1-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	11.9	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

