

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003381.D
 Acq On : 14 Jul 2018 00:14
 Operator : JC/MD
 Sample : J3958-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-CONCRETE

Quant Time: Jul 14 03:36:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

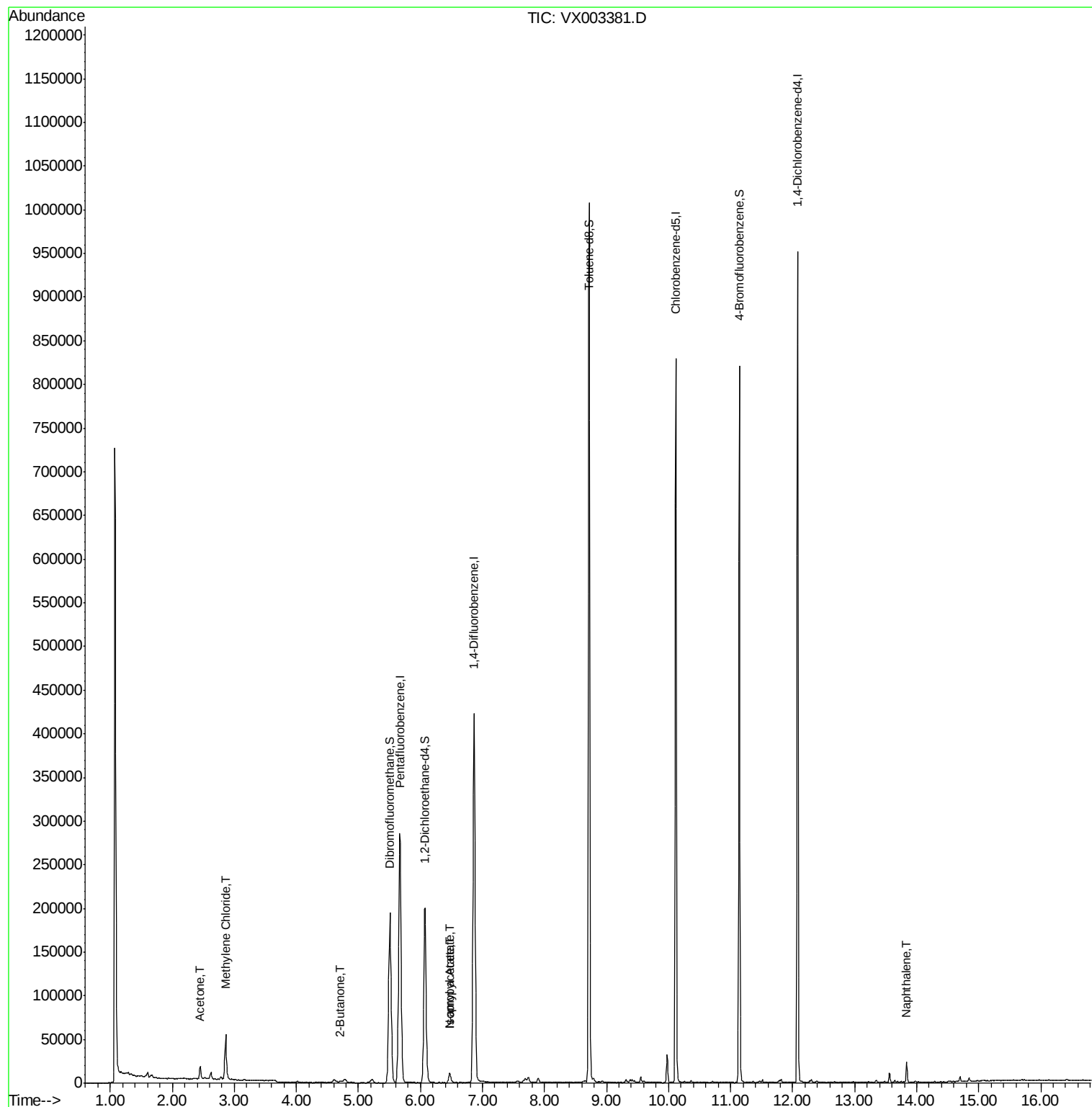
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	443234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188832	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	5.51	113	164507	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	8.72	98	602612	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
62) 4-Bromofluorobenzene	11.14	95	199399	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
Target Compounds						
16) Acetone	2.45	43	15995	9.62	ug/l	93
20) Methylene Chloride	2.86	84	24190	5.66	ug/l	92
25) 2-Butanone	4.71	43	3040	1.18	ug/l	97
43) Isopropyl Acetate	6.47	43	14465	1.79	ug/l	97
74) N-amyl acetate	6.47	43	14465	2.21	ug/l #	98
95) Naphthalene	13.83	128	14956	1.05	ug/l	99

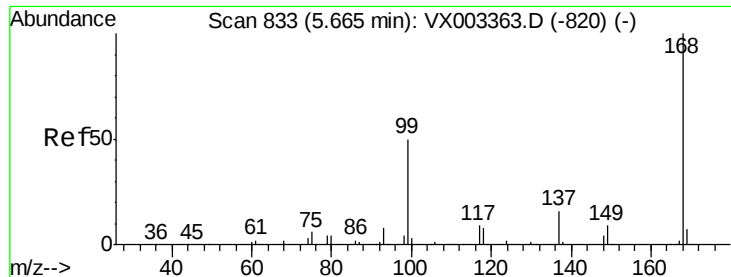
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003381.D

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Instrument :

MSVOA_X

ClientSampleId :

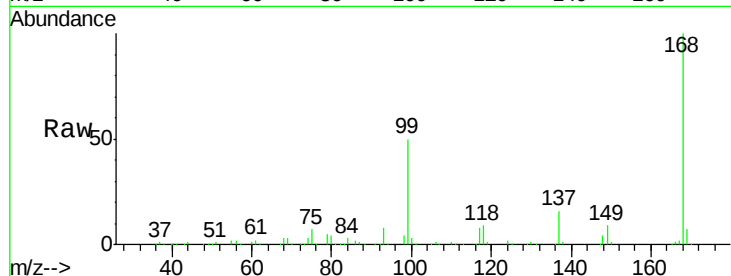
CS-CONCRETE

Tot Ion:168 Resp: 296268

Ion Ratio Lower Upper

168 100

99 50.0 39.3 58.9



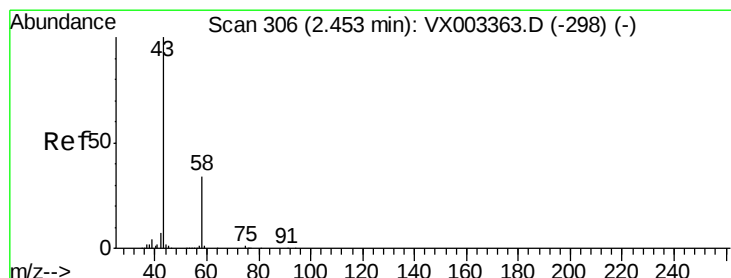
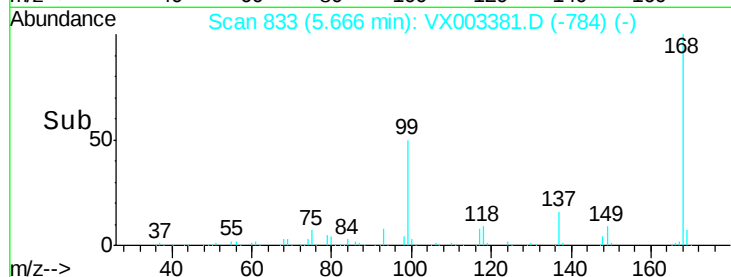
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 9.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003381.D

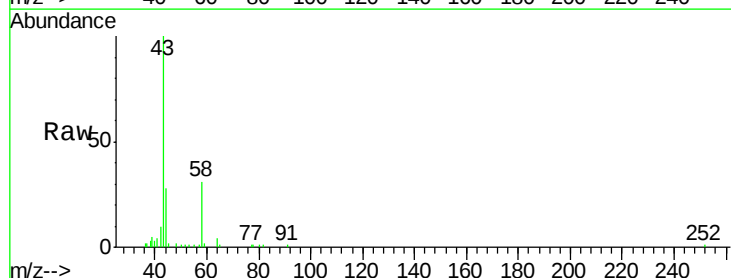
Acq: 14 Jul 2018 00:14

Tgt Ion: 43 Resp: 15995

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1



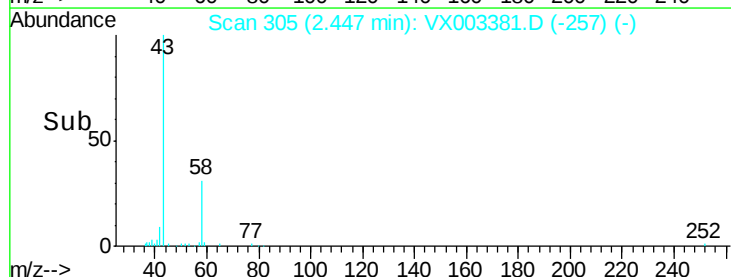
Abundance Ion 43.00 (42.70 to 43.70): VX0

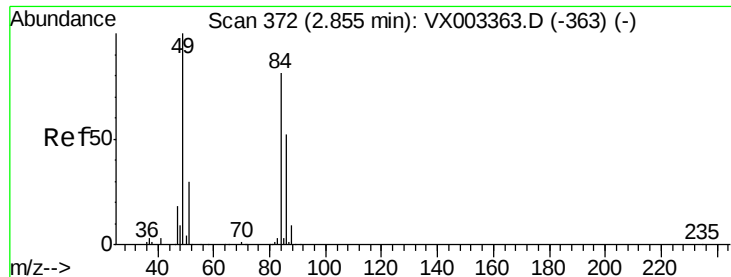
Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->

2.35 2.40 2.45 2.50 2.55

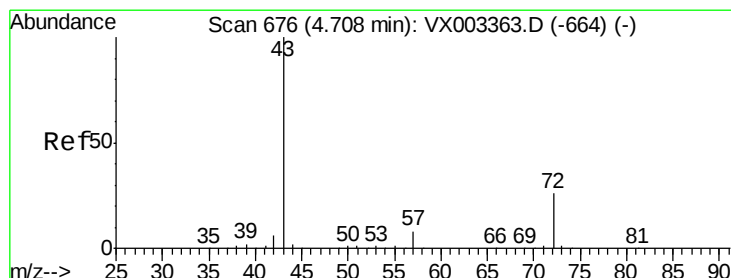
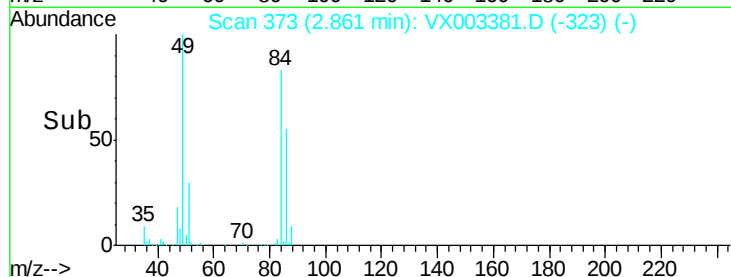
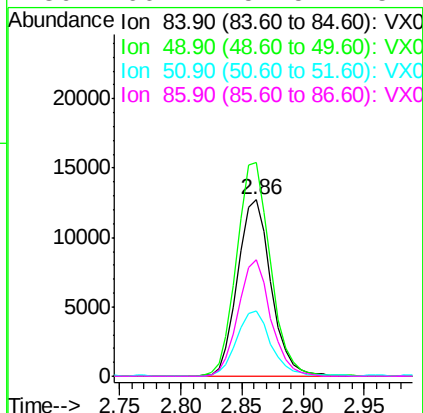
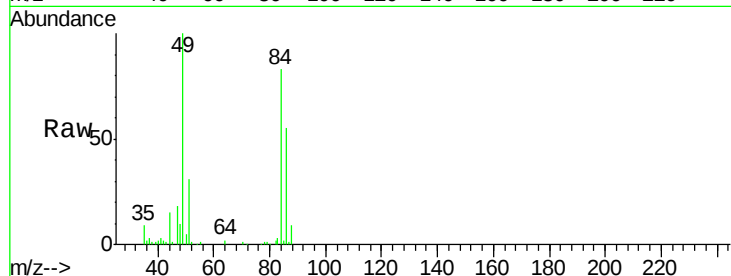




#20
Methylene Chloride
Concen: 5.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003381.D
Acq: 14 Jul 2018 00:14

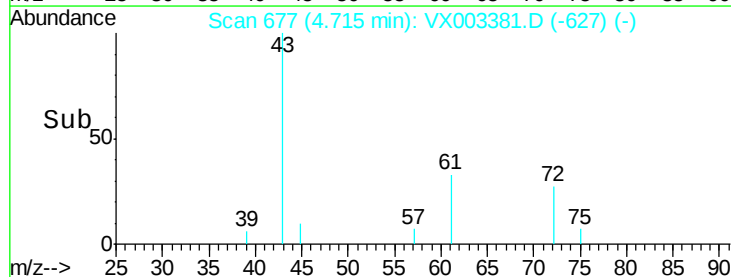
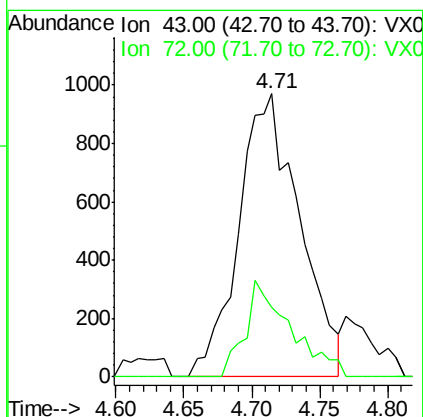
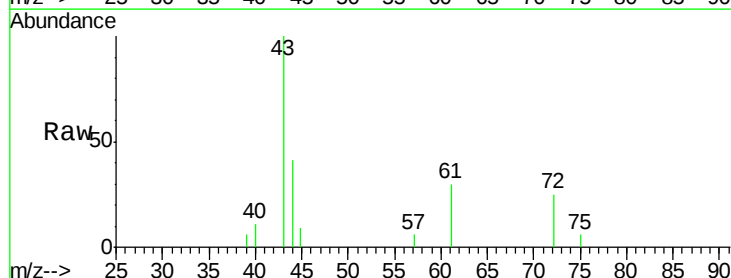
Instrument :
MSVOA_X
ClientSampleId :
CS-CONCRETE

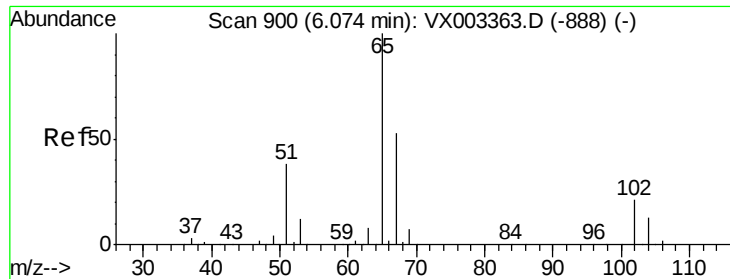
Tot Ion: 84 Resp: 24190
Ion Ratio Lower Upper
84 100
49 121.0 107.8 161.6
51 37.0 32.8 49.2
86 66.1 52.5 78.7



#25
2-Butanone
Concen: 1.18 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003381.D
Acq: 14 Jul 2018 00:14

Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
72 24.5 18.5 27.7

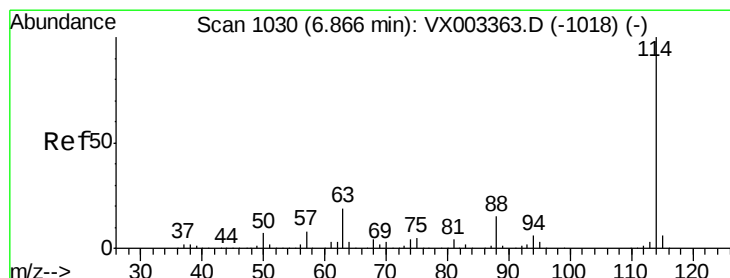
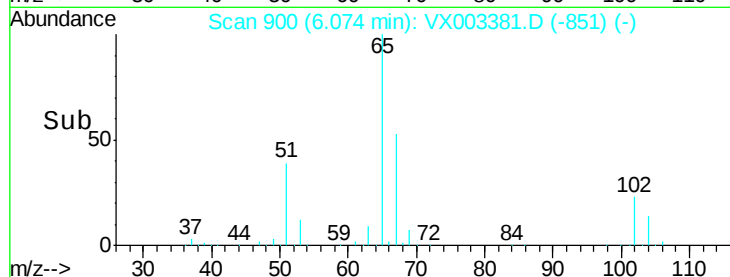
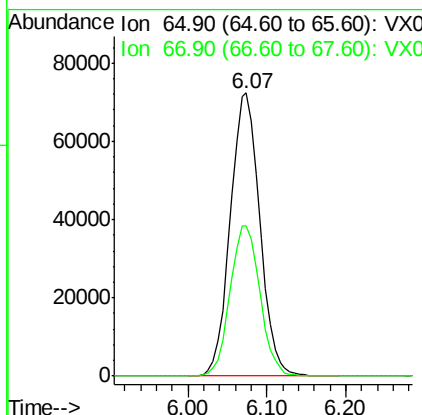
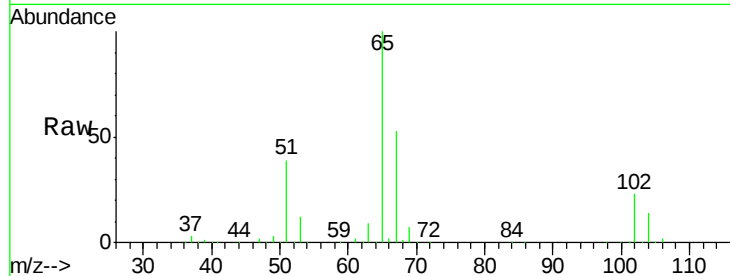




#33
 1,2-Dichloroethane-d4
 Concen: 58.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003381.D
 Acq: 14 Jul 2018 00:14

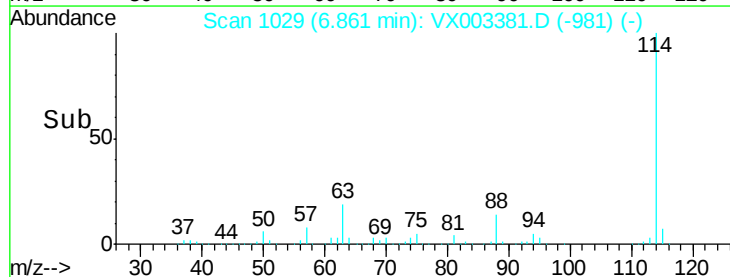
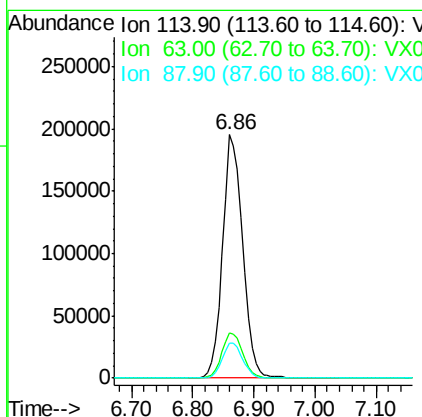
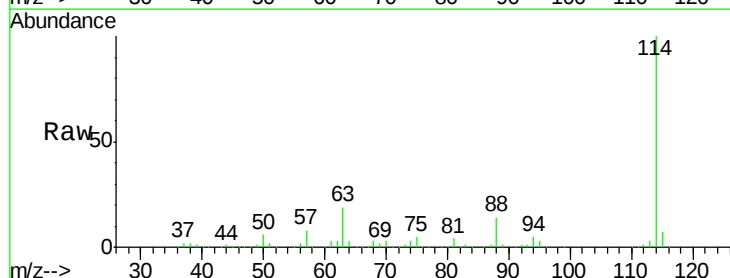
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-CONCRETE

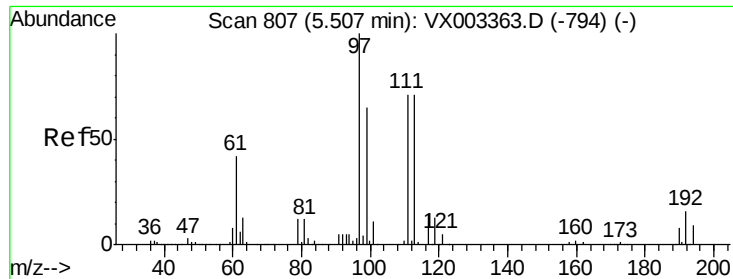
Tot Ion: 65 Resp: 188832
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003381.D
 Acq: 14 Jul 2018 00:14

Tgt Ion: 114 Resp: 443234
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 14.1 0.0 30.0

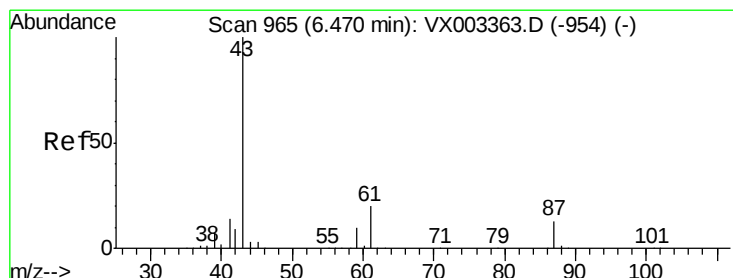
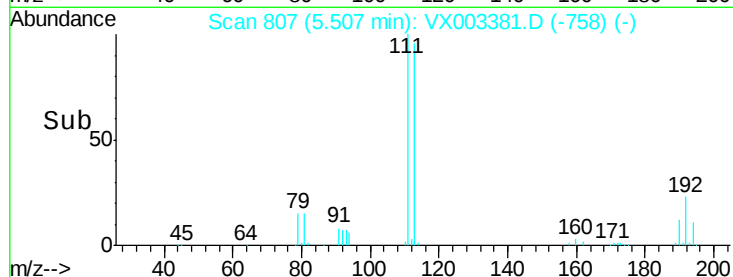
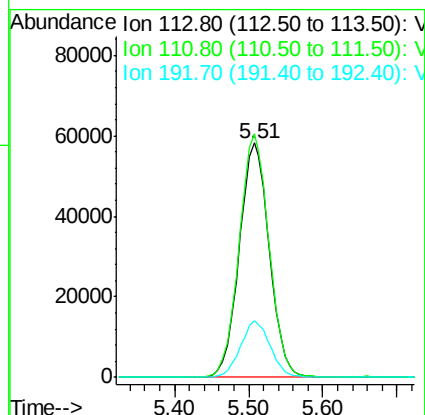
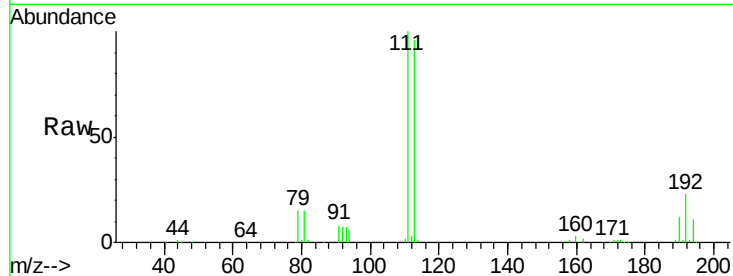




#35
 Dibromofluoromethane
 Concen: 50.43 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003381.D
 Acq: 14 Jul 2018 00:14

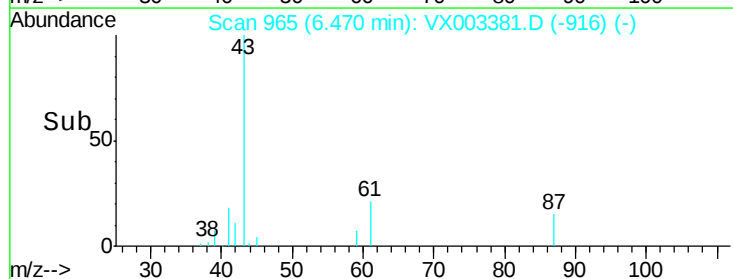
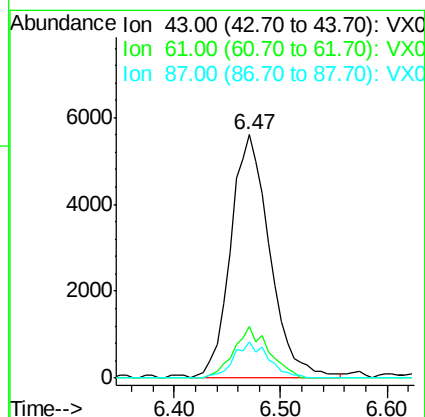
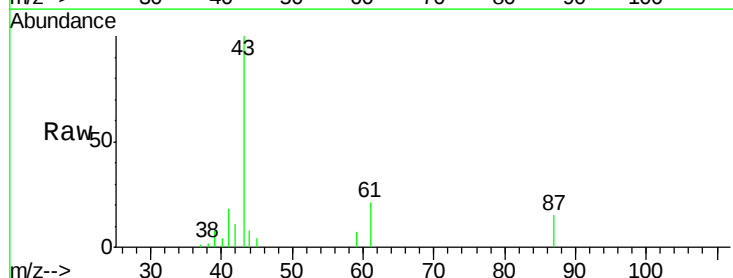
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-CONCRETE

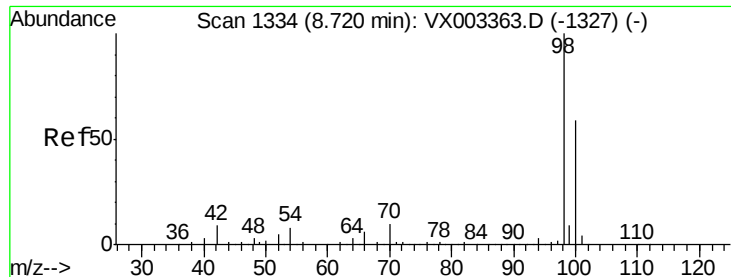
Tot Ion:113 Resp: 164507
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 23.8 19.1 28.7



#43
 Isopropyl Acetate
 Concen: 1.79 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003381.D
 Acq: 14 Jul 2018 00:14

Tgt Ion: 43 Resp: 14465
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.4 21.6
 87 13.3 9.5 14.3





#50

Toluene-d8

Concen: 56.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003381.D

Acq: 14 Jul 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

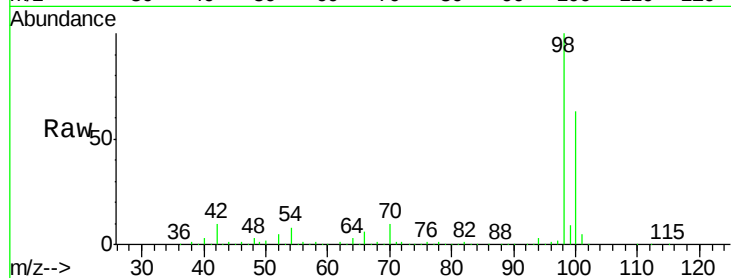
CS-CONCRETE

Tot Ion: 98 Resp: 602612

Ion Ratio Lower Upper

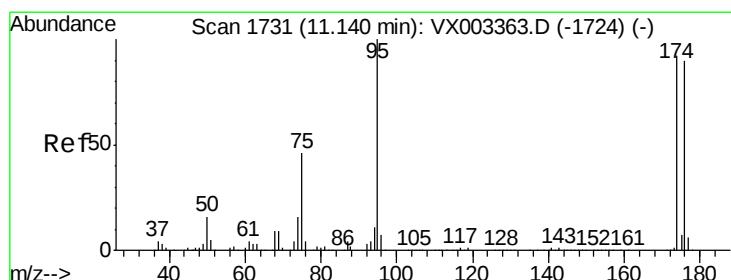
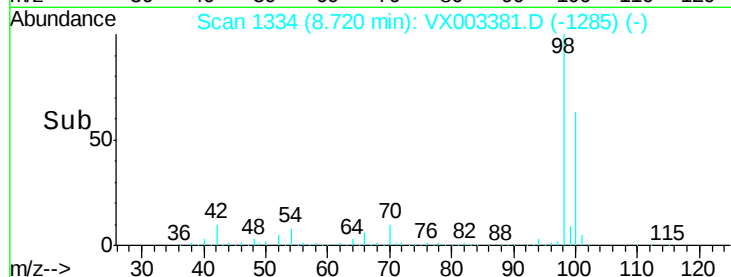
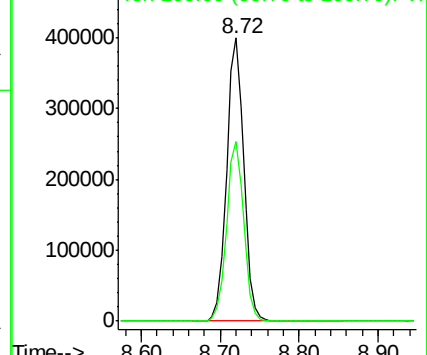
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003381.D

Acq: 14 Jul 2018 00:14

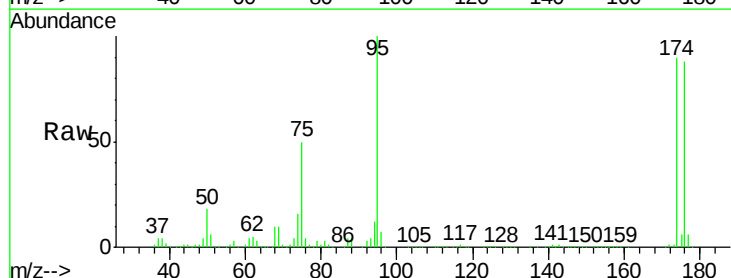
Tgt Ion: 95 Resp: 199399

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.4

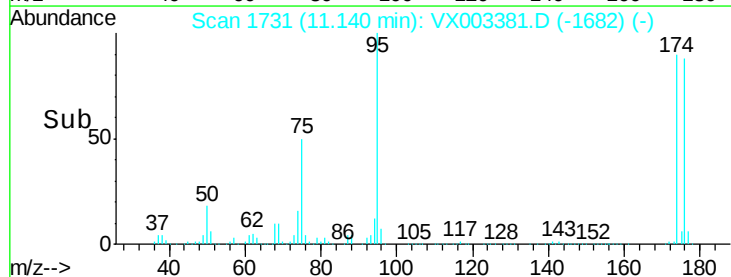
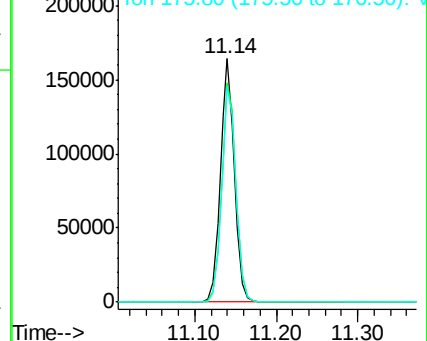
176 89.8 0.0 181.0

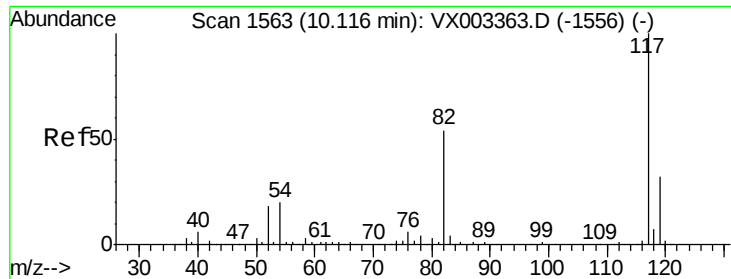


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

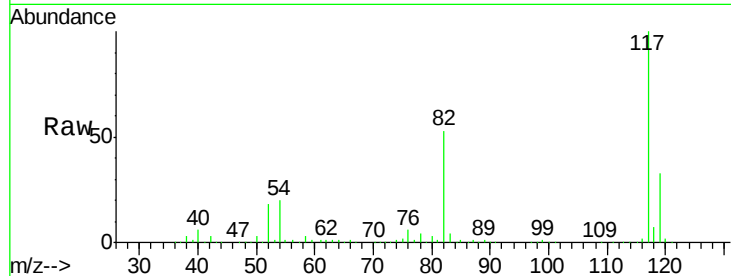




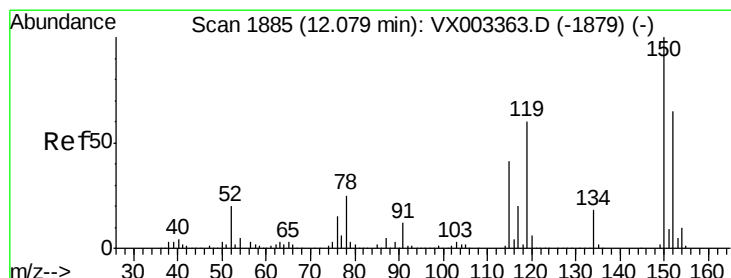
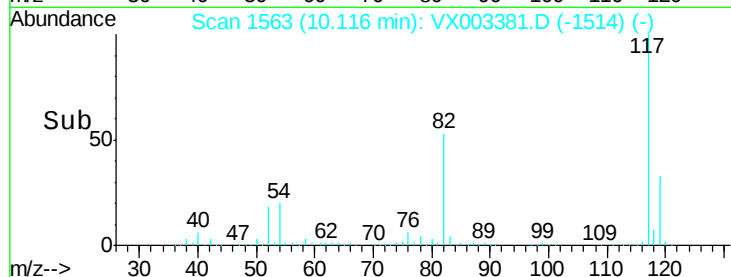
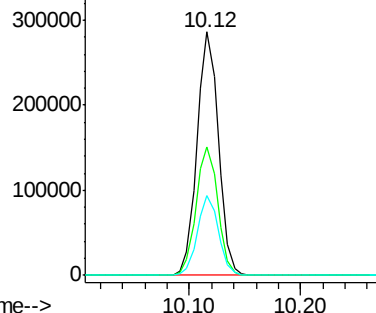
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003381.D
Acq: 14 Jul 2018 00:14

Instrument :
MSVOA_X
ClientSampleId :
CS-CONCRETE

Tot Ion:117 Resp: 381410
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 32.6 25.8 38.6

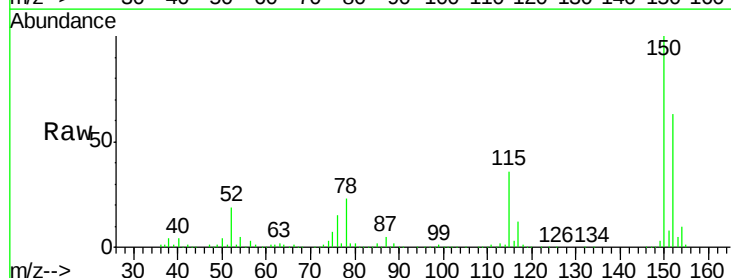


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

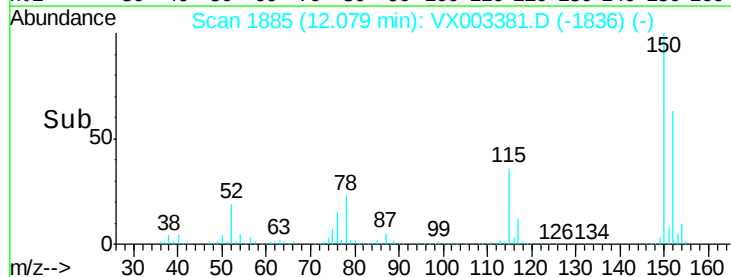
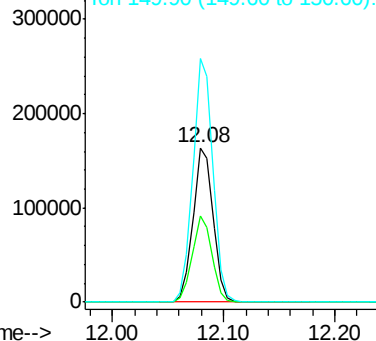


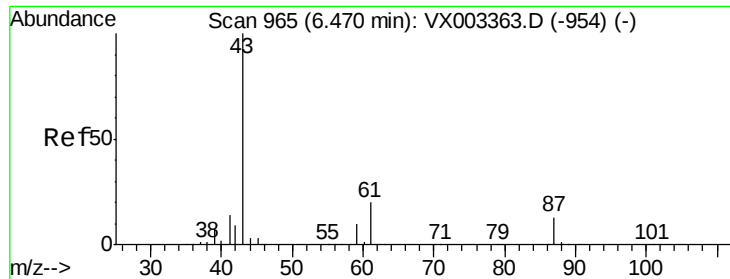
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003381.D
Acq: 14 Jul 2018 00:14

Tgt Ion:152 Resp: 204297
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 157.0 0.0 347.2



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





#74

N-amyl acetate

Concen: 2.21 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003381.D

Acq: 14 Jul 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

CS-CONCRETE

Tot Ion: 43 Resp: 14465

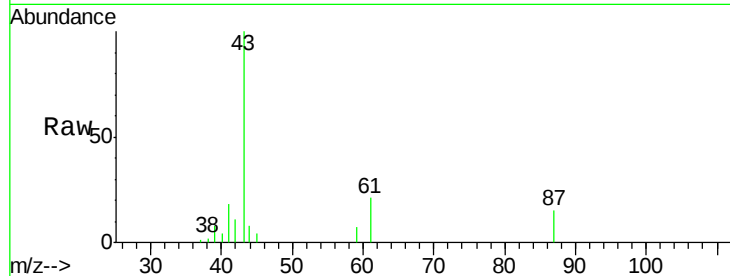
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.4 21.6

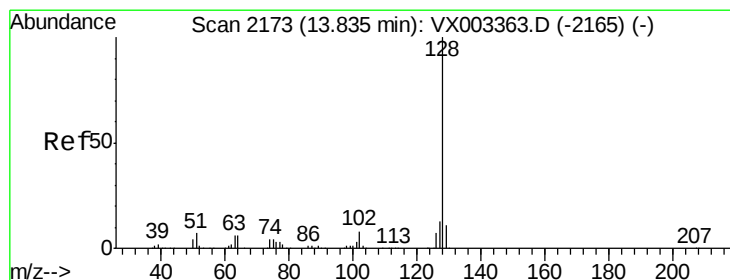
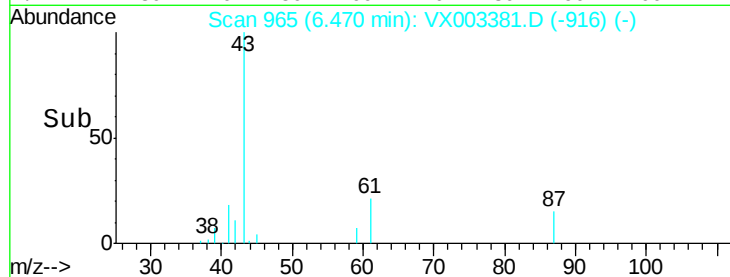
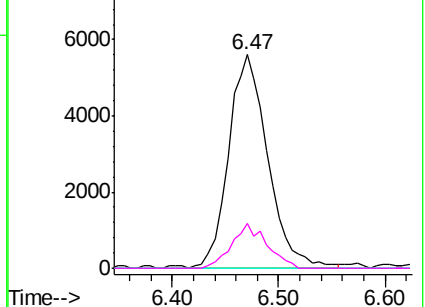


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#95

Naphthalene

Concen: 1.05 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003381.D

Acq: 14 Jul 2018 00:14

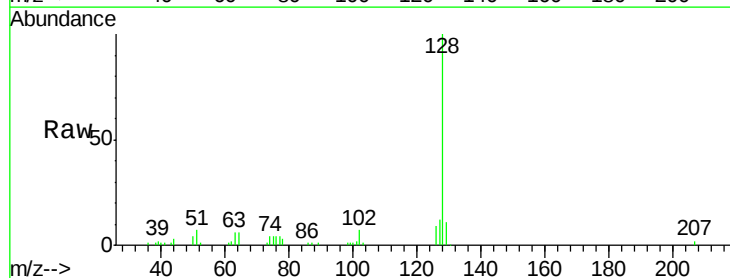
Tgt Ion: 128 Resp: 14956

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 11.1 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

