

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
 Data File : VX007426.D
 Acq On : 07 Feb 2019 15:36
 Operator : JC/SP
 Sample : K1401-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200028

Quant Time: Feb 08 22:34:26 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

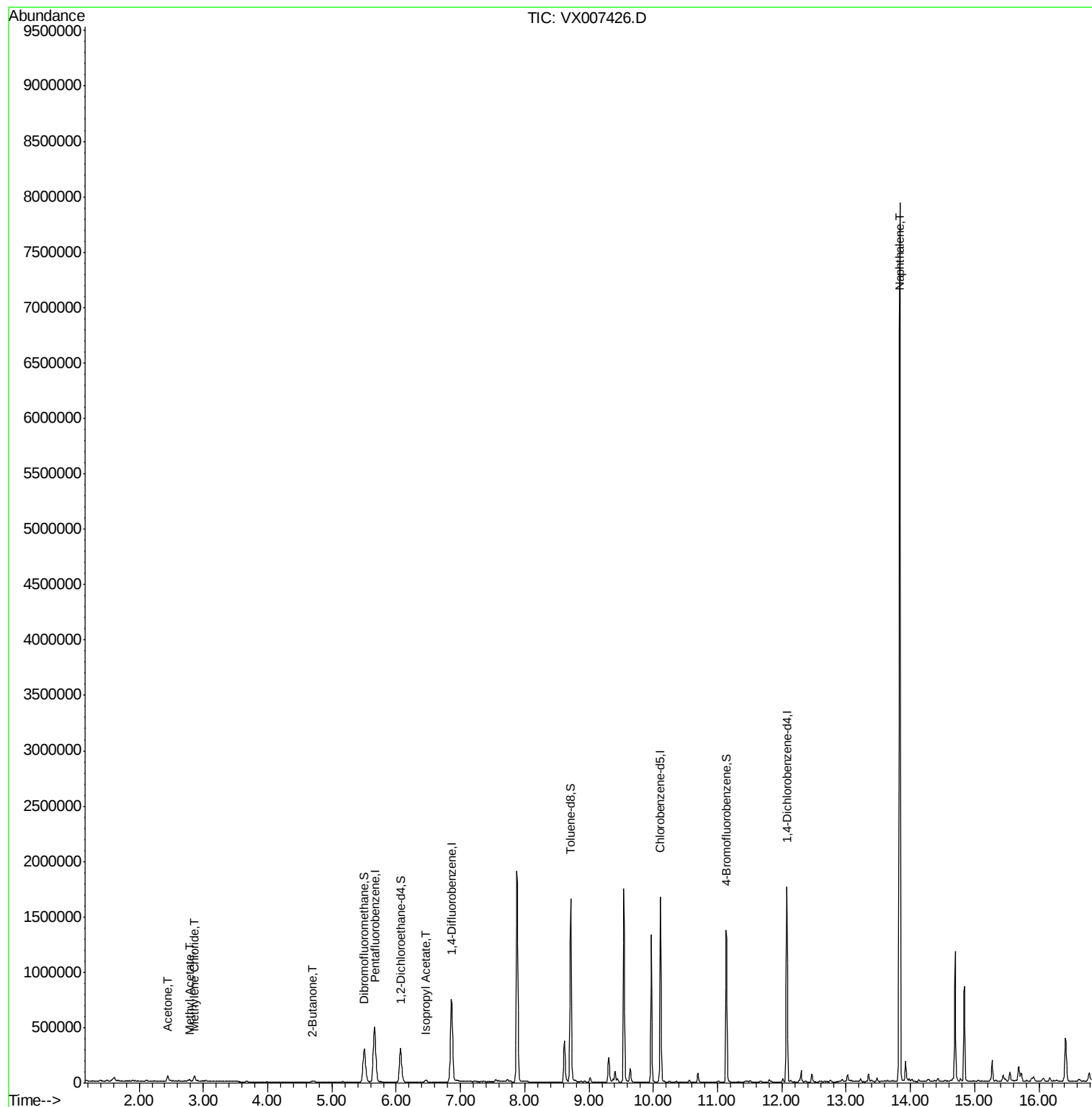
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	513750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	806223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	783752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	384003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	279604	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	253075	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.71	98	987742	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	354310	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
Target Compounds						
16) Acetone	2.45	43	48016	19.223	ug/l	99
18) Methyl Acetate	2.78	43	15598	2.961	ug/l	92
20) Methylene Chloride	2.86	84	22447	4.038	ug/l	95
25) 2-Butanone	4.70	43	14549	4.093	ug/l	93
43) Isopropyl Acetate	6.46	43	25268	2.239	ug/l	95
95) Naphthalene	13.83	128	4827469	186.408	ug/l	100

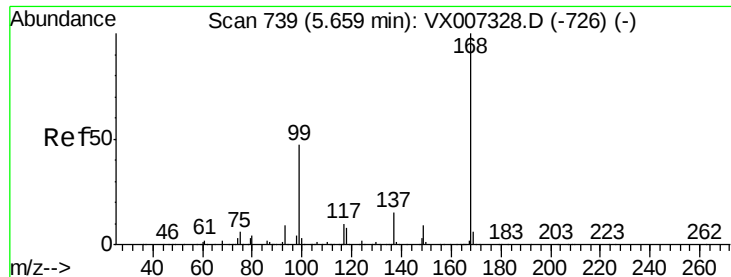
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007426.D

Acq: 07 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

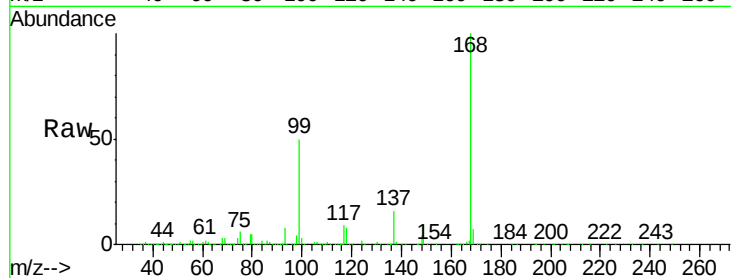
RBR-200028

Tot Ion:168 Resp: 513750

Ion Ratio Lower Upper

168 100

99 50.3 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

200000

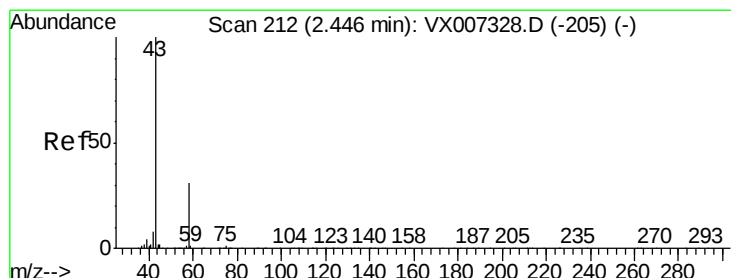
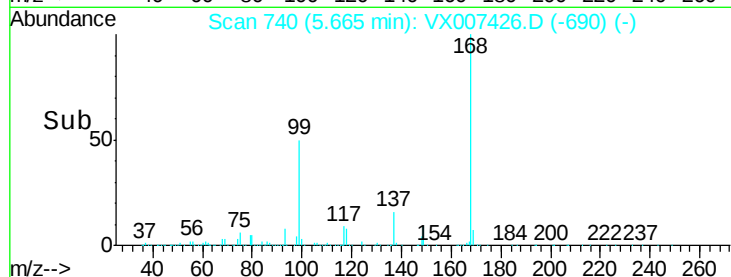
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.223 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007426.D

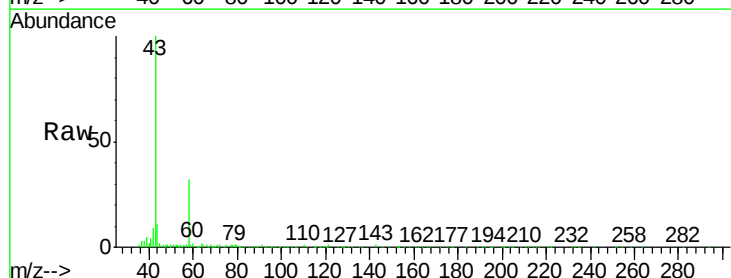
Acq: 07 Feb 2019 15:36

Tgt Ion: 43 Resp: 48016

Ion Ratio Lower Upper

43 100

58 31.5 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

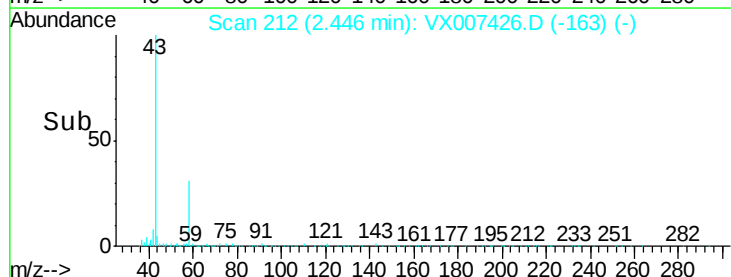
30000

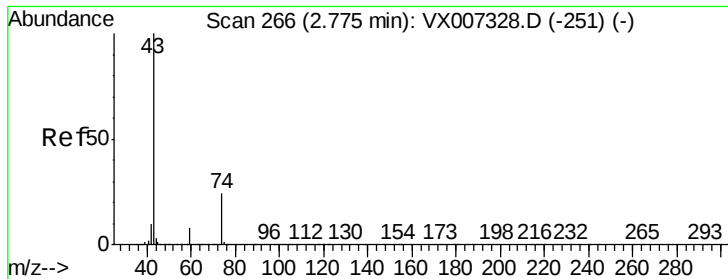
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

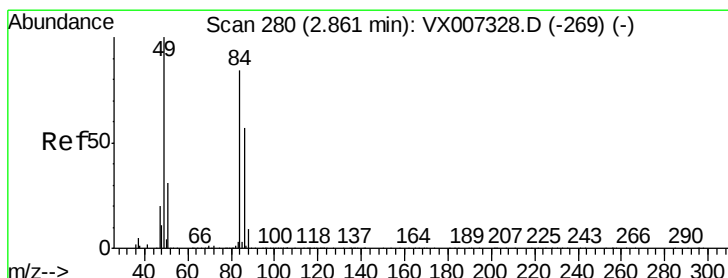
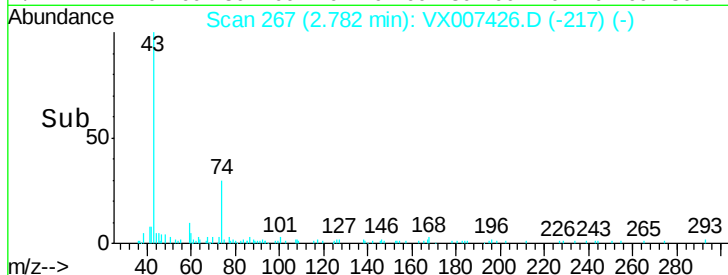
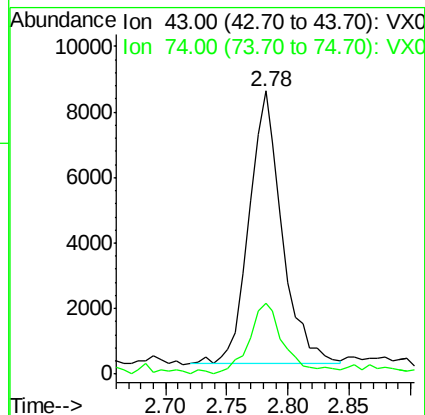
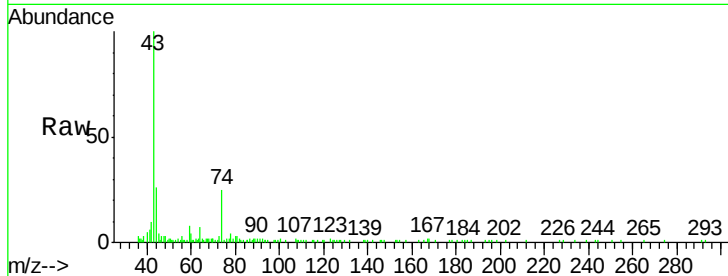




#18
Methyl Acetate
Concen: 2.961 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007426.D
Acq: 07 Feb 2019 15:36

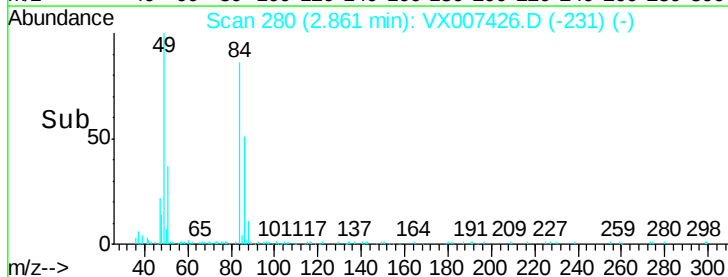
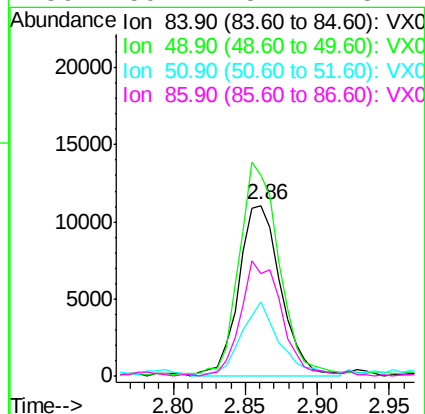
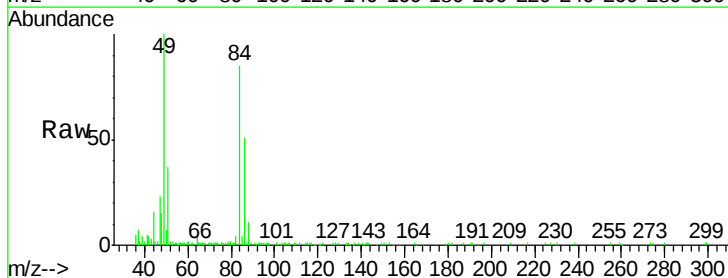
Instrument :
MSVOA_X
ClientSampleId :
RBR-200028

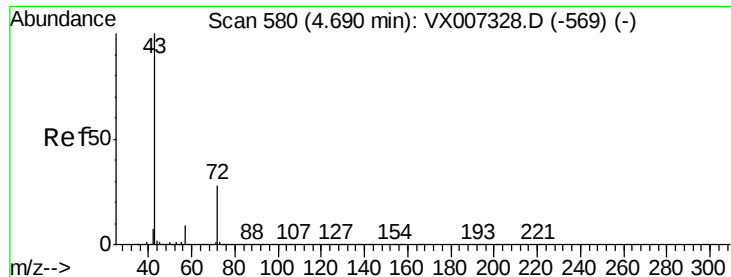
Tot Ion: 43 Resp: 15598
Ion Ratio Lower Upper
43 100
74 28.1 19.4 29.2



#20
Methylene Chloride
Concen: 4.038 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007426.D
Acq: 07 Feb 2019 15:36

Tgt Ion: 84 Resp: 22447
Ion Ratio Lower Upper
84 100
49 117.8 94.8 142.2
51 43.1 29.8 44.8
86 59.7 54.1 81.1





#25

2-Butanone

Concen: 4.093 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007426.D

Acq: 07 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

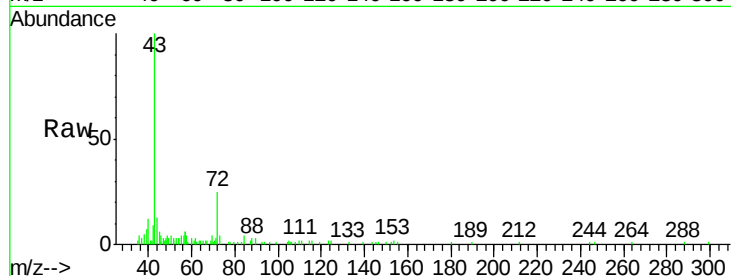
RBR-200028

Tot Ion: 43 Resp: 14549

Ion Ratio Lower Upper

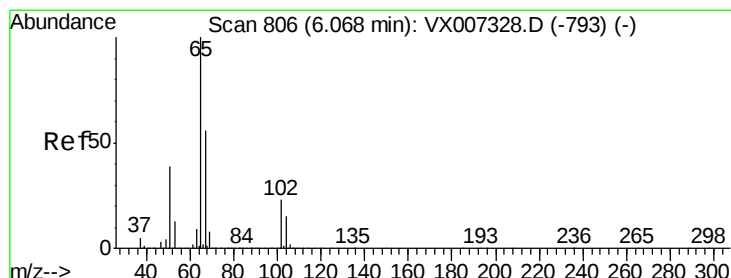
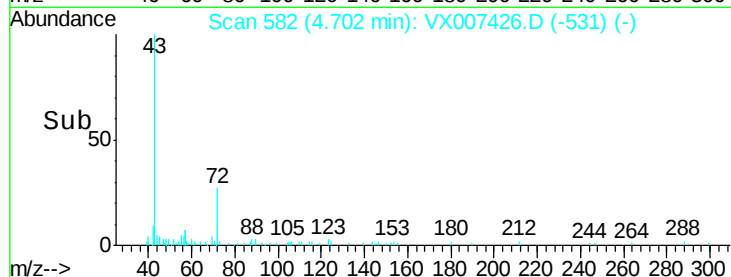
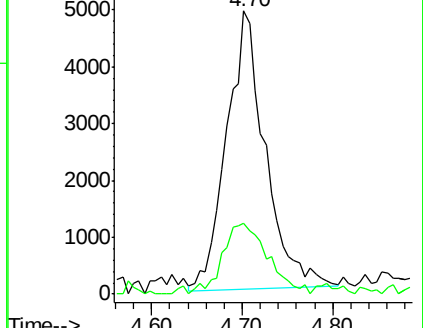
43 100

72 24.1 22.2 33.2



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: 51.275 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007426.D

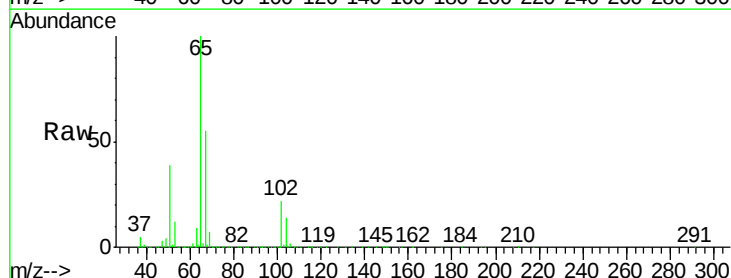
Acq: 07 Feb 2019 15:36

Tgt Ion: 65 Resp: 279604

Ion Ratio Lower Upper

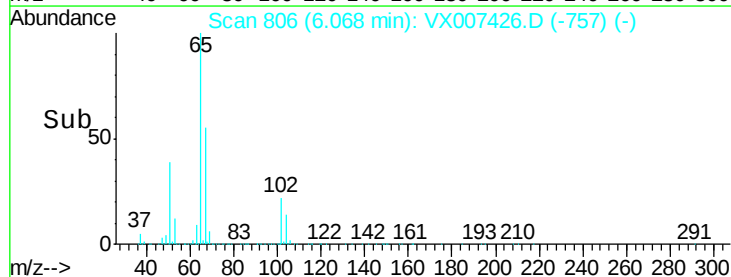
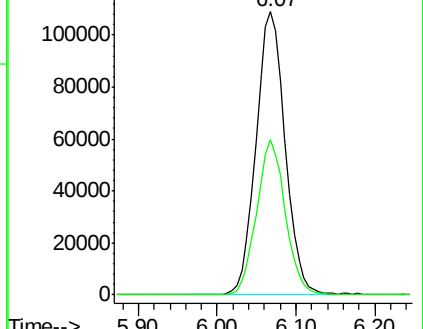
65 100

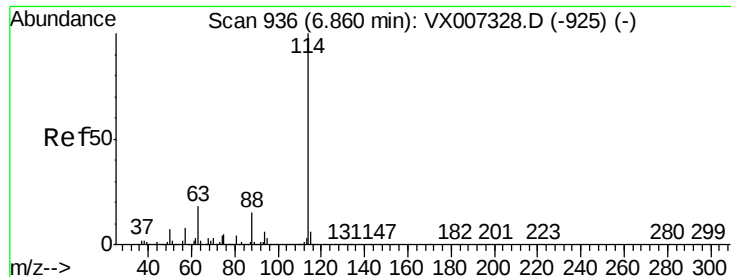
67 53.4 0.0 108.8



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: VX007426.D

Acq: 07 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

RBR-200028

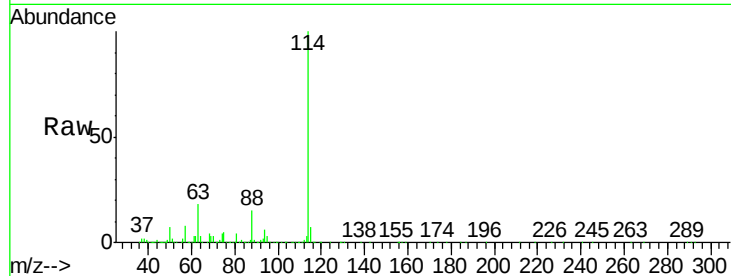
Tot Ion:114 Resp: 806223

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

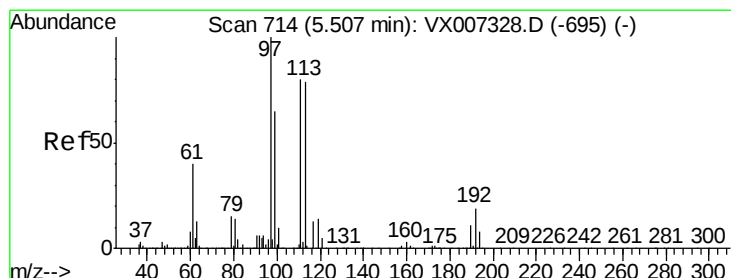
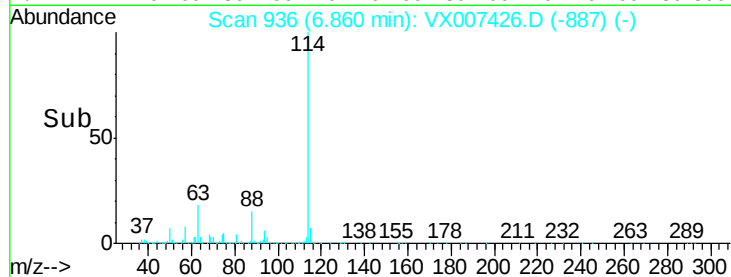
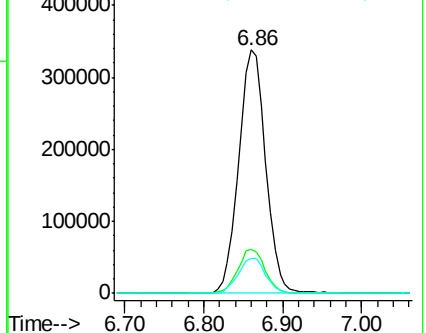
88 14.5 0.0 29.6



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: 48.243 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007426.D

Acq: 07 Feb 2019 15:36

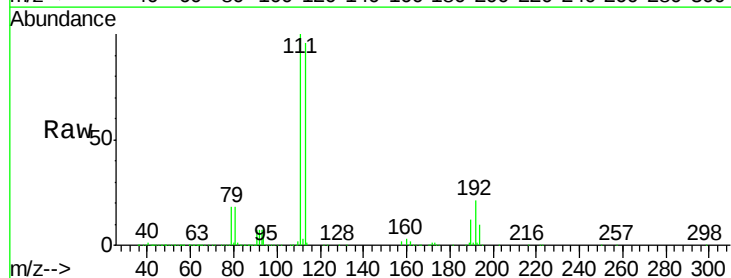
Tgt Ion:113 Resp: 253075

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

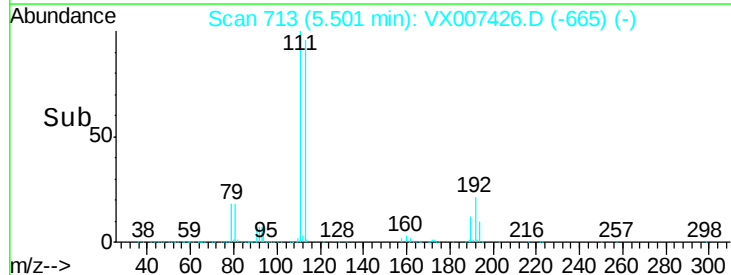
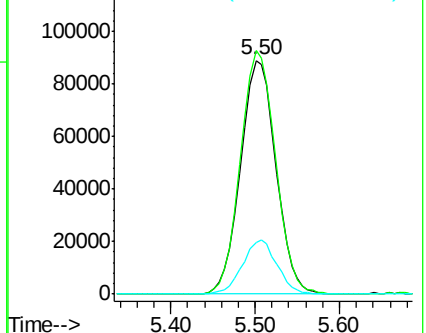
192 22.5 18.5 27.7

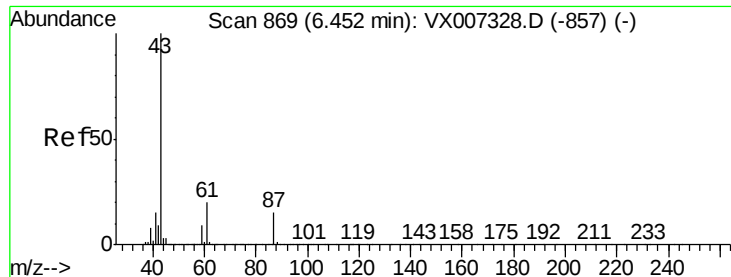


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.239 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007426.D

Acq: 07 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

RBR-200028

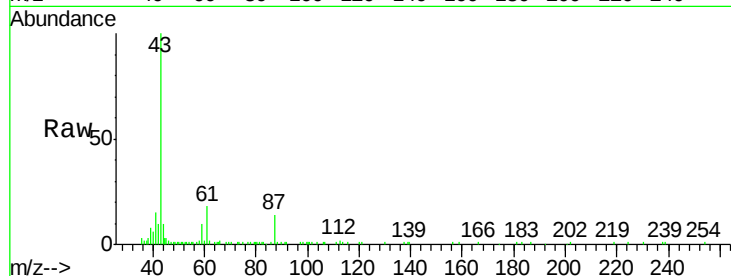
Tot Ion: 43 Resp: 25268

Ion Ratio Lower Upper

43 100

61 21.9 16.1 24.1

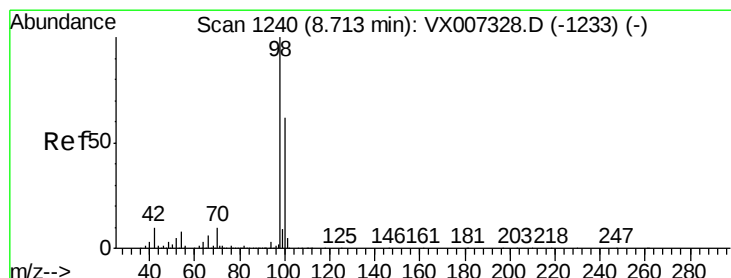
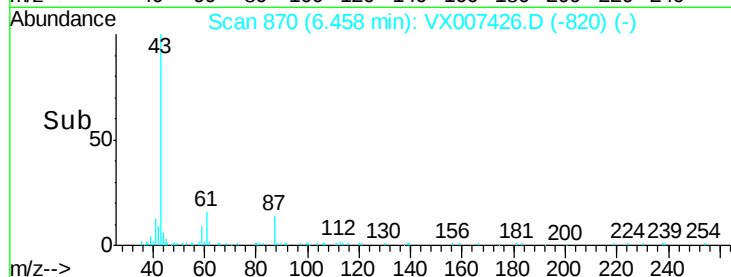
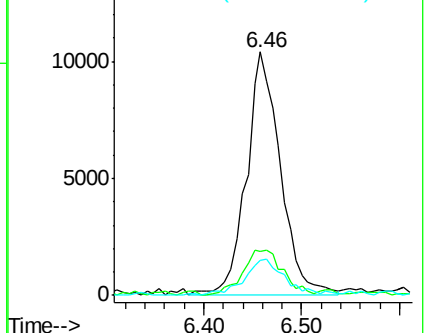
87 17.0 11.5 17.3



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: 50.750 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007426.D

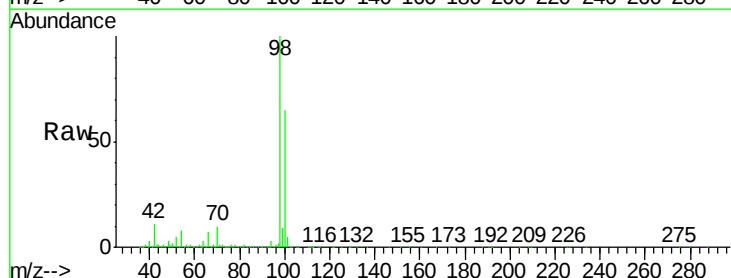
Acq: 07 Feb 2019 15:36

Tgt Ion: 98 Resp: 987742

Ion Ratio Lower Upper

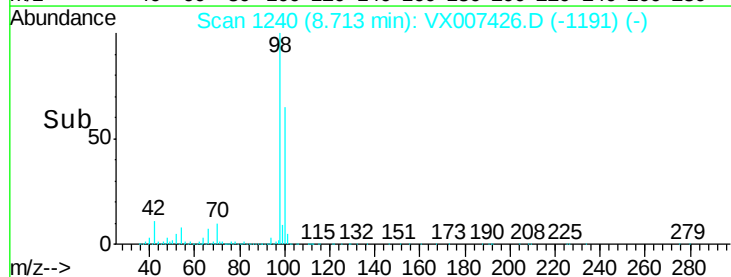
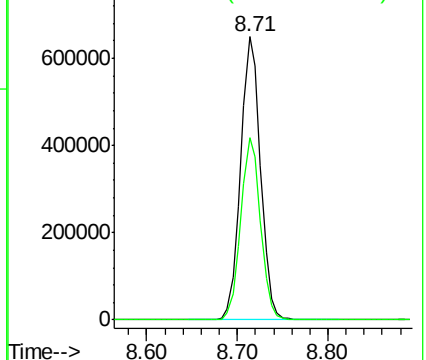
98 100

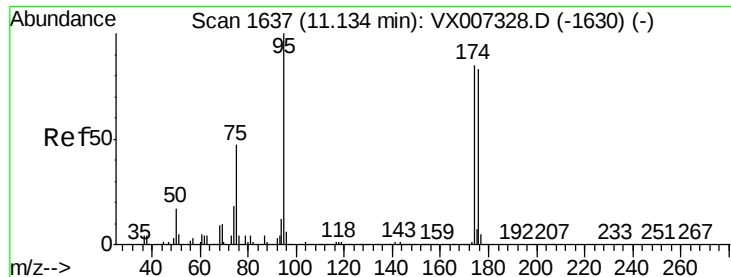
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

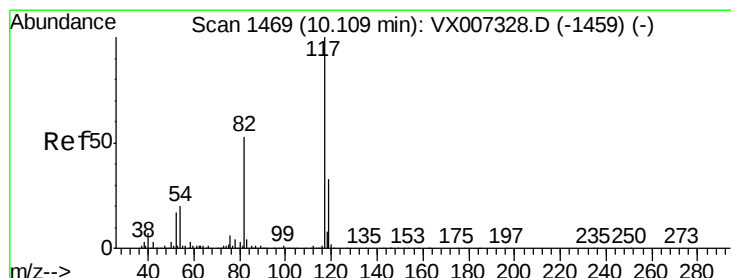
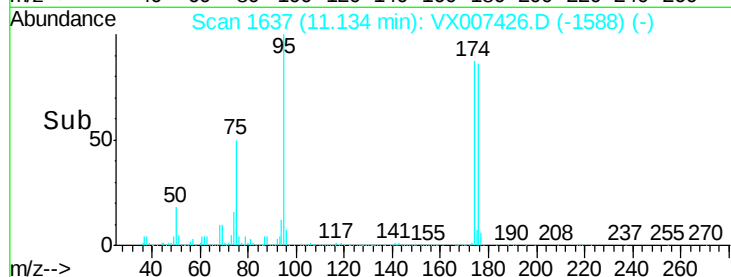
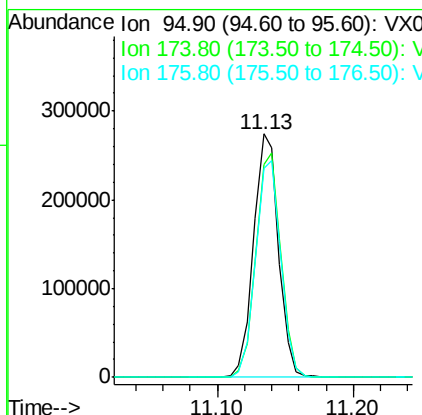
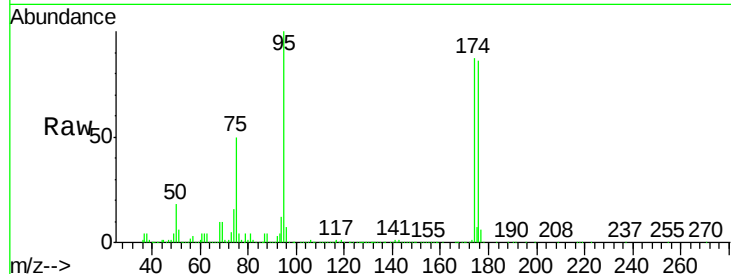




#62
4-Bromofluorobenzene
Concen: 49.861 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007426.D
Acq: 07 Feb 2019 15:36

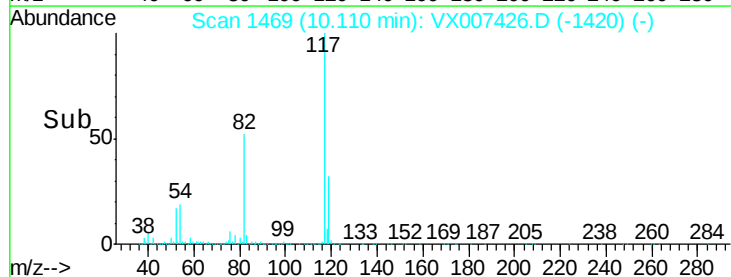
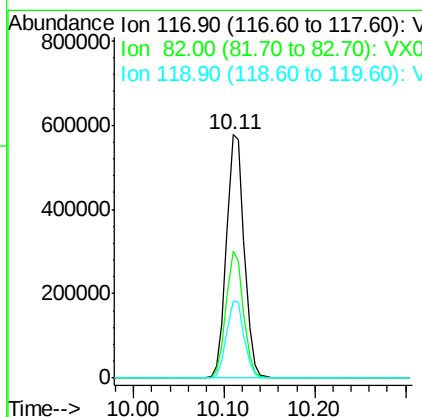
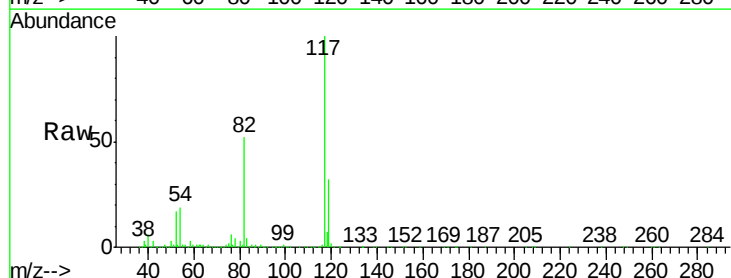
Instrument :
MSVOA_X
ClientSampleId :
RBR-200028

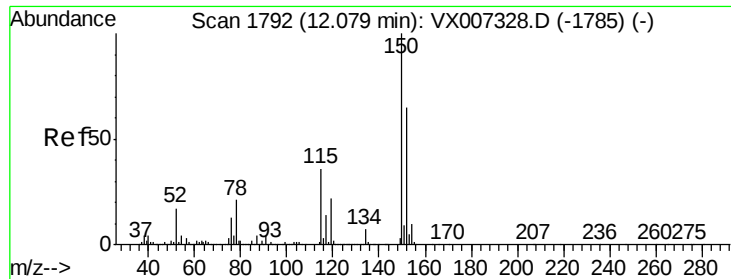
Tot Ion	95	Resp	354310
Ion Ratio	Lower	Upper	
95	100		
174	92.6	0.0	189.2
176	90.1	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007426.D
Acq: 07 Feb 2019 15:36

Tgt Ion	117	Resp	783752
Ion Ratio	Lower	Upper	
117	100		
82	52.2	42.1	63.1
119	31.9	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007426.D

Acq: 07 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

RBR-200028

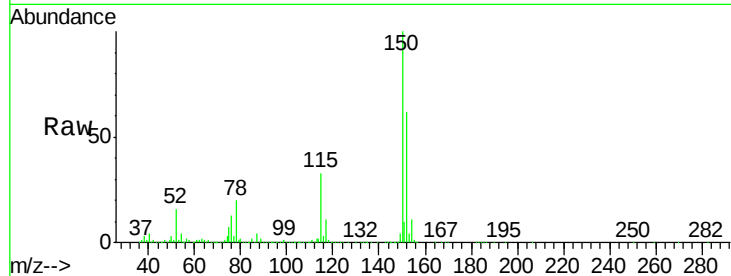
Tot Ion:152 Resp: 384003

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

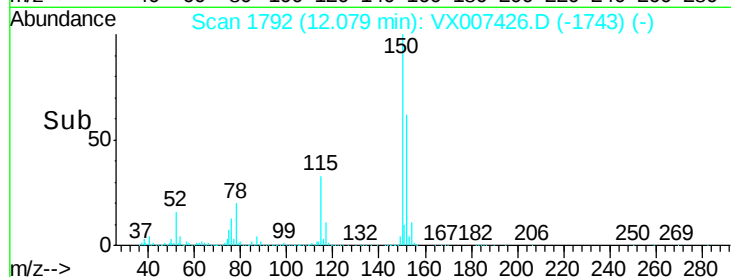
150 159.1 0.0 346.4



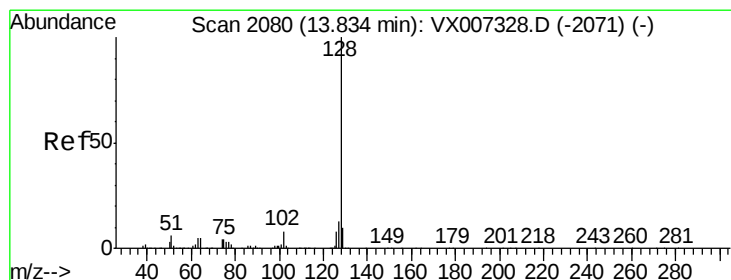
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#95

Naphthalene

Concen: 186.408 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007426.D

Acq: 07 Feb 2019 15:36

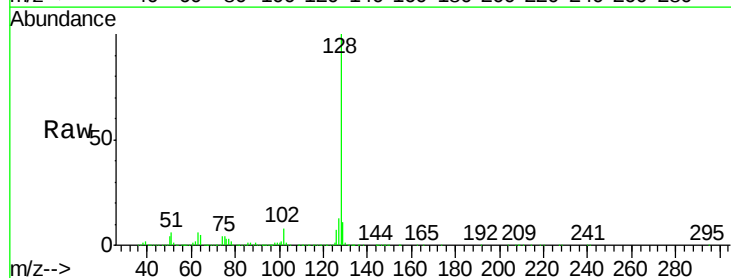
Tgt Ion:128 Resp: 4827469

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

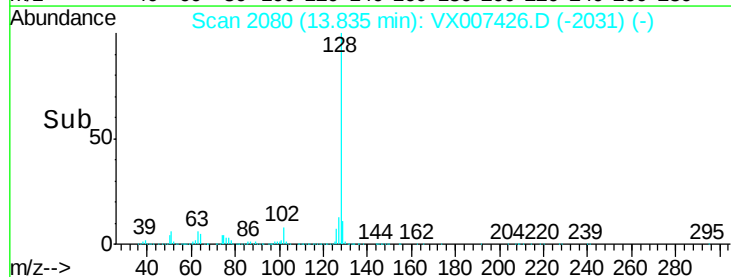
129 11.1 8.7 13.1



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



Time-->